



U.S. Department
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Federal Aviation
Administration

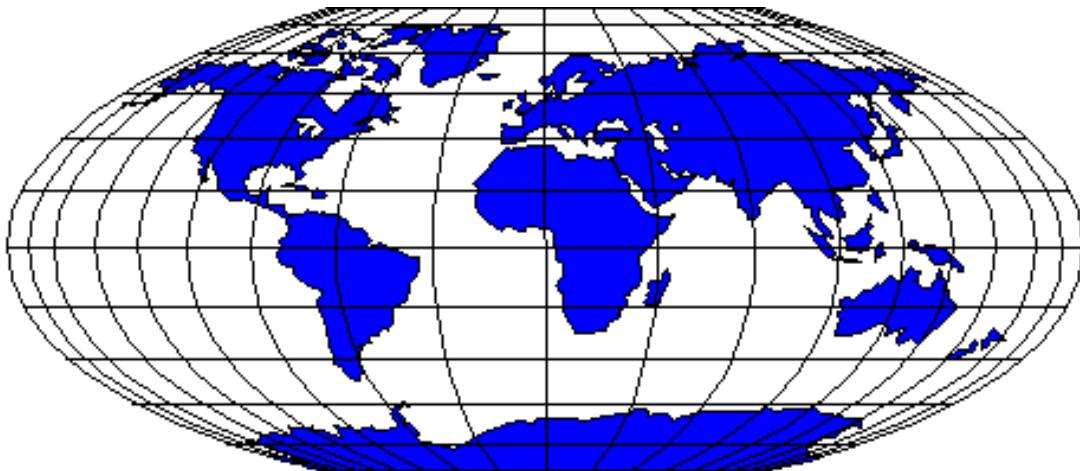
NOTICES TO AIRMEN

Domestic/International

December 10, 2015


Next Issue


January 7, 2016



*Notices to Airmen included in this publication are **NOT** given during pilot briefings unless specifically requested by the pilot. An electronic version of this publication is on the internet at http://www.faa.gov/air_traffic/publications/notices*

JANUARY – 2015							FEBRUARY – 2015							MARCH – 2015						
SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3	1	2	3	4	5	6	7	1	2	3	4	5	6	7
4	5	6	7	8	9	10	8	9	10	11	12	13	14	8	9	10	11	12	13	14
11	12	13	14	15	16	17	15	16	17	18	19	20	21	15	16	17	18	19	20	21
18	19	20	21	22	23	24	22	23	24	25	26	27	28	22	23	24	25	26	27	28
25	26	27	28	29	30	31								29	30	31				
APRIL – 2015							MAY – 2015							JUNE – 2015						
SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT
			1	2	3	4						1	2		1	2	3	4	5	6
5	6	7	8	9	10	11	3	4	5	6	7	8	9	7	8	9	10	11	12	13
12	13	14	15	16	17	18	10	11	12	13	14	15	16	14	15	16	17	18	19	20
19	20	21	22	23	24	25	17	18	19	20	21	22	23	21	22	23	24	25	26	27
26	27	28	29	30			24	25	26	27	28	29	30	28	29	30				
							31													
JULY – 2015							AUGUST – 2015							SEPTEMBER – 2015						
SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT
			1	2	3	4							1			1	2	3	4	5
5	6	7	8	9	10	11	2	3	4	5	6	7	8	6	7	8	9	10	11	12
12	13	14	15	16	17	18	9	10	11	12	13	14	15	13	14	15	16	17	18	19
19	20	21	22	23	24	25	16	17	18	19	20	21	22	20	21	22	23	24	25	26
26	27	28	29	30	31		23	24	25	26	27	28	29	27	28	29	30			
							30	31												
OCTOBER – 2015							NOVEMBER – 2015							DECEMBER – 2015						
SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3	1	2	3	4	5	6	7			1	2	3	4	5
4	5	6	7	8	9	10	8	9	10	11	12	13	14	6	7	8	9	10	11	12
11	12	13	14	15	16	17	15	16	17	18	19	20	21	13	14	15	16	17	18	19
18	19	20	21	22	23	24	22	23	24	25	26	27	28	20	21	22	23	24	25	26
25	26	27	28	29	30	31	29	30						27	28	29	30	31		

 = Cutoff dates for submitting NOTAMs to AJV-21 for next publication. (Twenty-three (23) days before effective date.)

 = Effective dates and cutoff dates for submitting information to the Publications Staff, AJV-81 for next publication. (Twenty-eight (28) days before next effective date.)

NOTICES TO AIRMEN

December 10, 2015

Flight Data Center (FDC) NOTAM information current as of November 18, 2015

FDC NOTAMs listed through 5/5519 dated November 18, 2015

Prior to flight, pilots should always check with Flight Service for current NOTAMs (1-800-WX-BRIEF).

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NOTICES TO AIRMEN

Publication Schedule

PARTS 1 AND 2

Information for **Part 1** (FDC NOTAMs) and **Part 2** (Part 95 Revisions) shall be submitted to the **National Flight Data Center, AJV-21**, before the information cutoff dates listed in the chart below. Information, as well as inquiries, should be addressed to:

Address	Category
Federal Aviation Administration National Flight Data Center (AJV-21) 800 Independence Avenue, S.W. Washington, DC 20591	Airports & NAVAIDs Airspace & Procedures Part 95 Revisions

Current NOTAMs are available from Flight Service Stations at 1-800-WX-BRIEF. Notices, restrictions, and advisories may change at any time and without notice. Do not attempt any operation in the National Airspace System without first obtaining and understanding a thorough pre-flight briefing.

PARTS 3 AND 4

Information for **Part 3** (International) and **Part 4** (Graphic Notices) shall be submitted electronically to **Air Traffic Procedures (AJV-8)**, through the appropriate regional office. Requirements for Graphic Notices are listed on page viii of the Foreword and **must** be submitted well in advance of the event, but not later than 28 days prior to publication (see table below). Changes to submissions cannot be accepted after the cutoff dates. Graphic Notices for special events are published in two editions prior to the event. Information for Parts 3 and 4, as well as inquiries, should be addressed to:

Address	E-Mail	Phone Number
FAA HQ, Mission Support Services Air Traffic Procedures (AJV-8) 600 Independence Ave., SW Washington, DC 20597	9-ATOR-HQ-PubGrp@faa.gov	1-202-267-3046

Cutoff Dates for Submitting Information To Be Published

Effective Date of Publication	Information Submission Cutoff Dates for Graphic Notices (Parts 3 & 4)	Information Submission Cutoff Dates for FDC NOTAMs (Parts 1 & 2)
January 8, 2015	December 11, 2014	December 17, 2014
February 5, 2015	January 8, 2015	January 14, 2015
March 5, 2015	February 5, 2015	February 11, 2015
April 2, 2015	March 5, 2015	March 8, 2015
April 30, 2015	April 2, 2015	April 6, 2015
May 28, 2015	April 30, 2015	May 6, 2015
June 25, 2015	May 28, 2015	June 3, 2015
July 23, 2015	June 25, 2015	July 1, 2015
August 20, 2015	July 23, 2015	July 29, 2015
September 17, 2015	August 20, 2015	August 26, 2015
October 15, 2015	September 17, 2015	September 23, 2015
November 12, 2015	October 15, 2015	October 21, 2015
December 10, 2015	November 12, 2015	November 18, 2015

SUBSCRIPTION INFORMATION

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www.faa.gov/air_traffic/publications*

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<p>To amend publication quantity or cancel subscription, please contact GPO.</p>	<p>To amend publication quantity or cancel subscription, please e-mail: 9-AWA-ATPUBS@FAA.gov</p>	

Contact Information for FAA Distribution Offices

FAA Region/Center/Organization	3-Ltr ID	Phone Number
Alaskan Region	AAL	907-271-4020
Central Region	ACE	816-329-3013
Eastern Region	AEA	718-553-4593
Great Lakes Region	AGL	847-294-7646
William J. Hughes Technical Center	AJP	609-485-6652
Aviation System Standards	AJW	405-954-6632
Mike Monroney Aeronautical Center	AMI	405-954-6891
New England Region	ANE	781-238-7673
Northwest Mountain Region	ANM	425-227-2885
Southern Region	ASO	404-305-5087
Southwest Region	ASW	817-222-4062
FAA Headquarters (Washington, DC)	AWA	202-267-9884
Western-Pacific Region	AWP	310-725-7691

FOREWORD

NATIONAL AIRSPACE SYSTEM CHANGES

The main references for changes to the National Airspace System (NAS) are the Aeronautical Charts and the Airport/Facility Directories (AFD). Most changes to the NAS meeting NOTAM criteria are known sufficiently in advance to be carried in these publications. When this cannot be done, changes are carried in the Notices to Airmen publication (NTAP) and/or the Service A telecommunications system as a NOTAM D item.

NATIONAL FLIGHT DATA CENTER AIRWAY NOTAMS

Flight Data Center (FDC) NOTAMs reflecting airway changes are carried as Center Area NOTAMs (CAN) on the NOTAM(D) circuit. CANs are NOTAMs issued on airway changes that fall within an ARTCC's airspace. CANs are in FDC format and issued by the U.S. NOTAM Office.

NOTAMS IN THE NOTICES TO AIRMEN PUBLICATION

NOTAM D information printed in this publication is **NOT** included on the Service A circuit.

FDC NOTAMs reflect changes to Standard Instrument Approach Procedures (SIAPs), flight restrictions, and aeronautical chart revisions. The date and number of the last FDC NOTAM included in this issue is indicated on the Table of Contents page. This ensures that FDC NOTAMs issued after the NTAP cutoff date can be identified.

PART 1. PUBLICATION CRITERIA

Section 1. Airway NOTAMs. NOTAMs are sorted alphabetically by ARTCC and in descending FDC NOTAM numerical order.

Section 2. Airport, Facility and Procedural NOTAMs. Categories may include Chart Corrections, Airports, Facilities, Procedural NOTAMs, and others, as required.

NOTAMs in section 2 are sorted alphabetically by state, city, airport name and in descending NOTAM numerical order.

Section 3. General NOTAMs. Contains NOTAMs that are general in nature and not tied to a specific airport/facility identifier; i.e., flight advisories and restrictions. NOTAMs in section 3 are sorted by descending NOTAM numerical order.

NOTAM information of a **temporary** nature is not expected to remain current for an extended period and is carried until expiration or cancellation. NOTAMs of a **permanent** nature are carried until published on the proper charts or in the AFD.

The Notices to Airmen publication is issued every 28 days. Data in this publication which is current on the effective date of the next AFD will be transferred to the AFD and removed from this publication.

Facilities are responsible for forwarding NOTAM information to be included in Part One to the National Flight Data Center (NFDC).

FDC NOTAM LEGEND	
Code	Explanation
0/777	Accountability number assigned to the message originator.
FI/T	Flight information of a temporary nature.
FI/P	Flight information of a permanent nature.

PART 2. PUBLICATION CRITERIA

Revisions to Part 95 of the Code of Federal Regulations – Minimum En Route IFR Altitudes and Changeover Points are published four (4) weeks prior to the 56–day IFR chart cycle.

The revisions will remain in the NTAP until four (4) weeks prior to the next IFR chart 56–day cycle. (IFR 56–day cycle dates are published in the AFD in the General Information Section under Effective Date.)

The consolidation of Part 95 Altitudes will continue to be published as a separate document.

PART 3. INTERNATIONAL NOTICES TO AIRMEN

The International Notices to Airmen feature significant international information and data which may affect a pilot’s decision to enter or use areas of foreign or international airspace. Each issuance of this Part is complete in itself. Temporary data will be repeated in each issue until the condition ceases to exist. Permanent data will be carried until it is sufficiently published or is available in other permanent sources. New items will be indicated by a black bar running in the left or right margin.

The information in Part 3 is divided into two sections. Section 1, Flight Prohibitions, Potentially Hostile Situations, and Foreign Notices is arranged alphabetically by country. Section 2, International Oceanic Airspace Notices, is divided into two sections, general and region specific.

PART 4. GRAPHIC NOTICES

This section contains special notices and notices containing graphics pertaining to almost every aspect of aviation, such as military training areas, large scale sporting events that may attract media attention or draw large crowds of aircraft, air show information, and airport–specific information.

Data in this section is updated continuously. All submissions for inclusion in this section must have regional office approval and be submitted to AJV–8 through the regional office.

Notices for events requiring Special Traffic Management Programs (STMP) should be coordinated following the procedures in FAA Order JO7210.3, Facility Operation and Administration.

Submissions should be sent to AJV–8 well in advance of but **no later than 28 days prior to** the effective date of the Notices to Airmen edition to ensure adequate lead time for inclusion in the publication.

Notices submitted for inclusion in the NTAP will be published no earlier than two editions prior to the effective date of the Notice. Special notices will be carried in the NTAP for the entire duration of the Notice, and in the case of more permanent notices, until transferred to other appropriate Air Traffic Publications.

With the exception of dated special events, regional offices should notify AJV–8 when notices are no longer needed in the publication.

Text files should be submitted as Word documents. Any graphics submitted for inclusion must be of high quality and in camera ready form; *FAX copies will not be accepted*. Electronic mail submissions are required and should be addressed to 9–ATOR–HQ–PubGrp@faa.gov. Graphics should be submitted in one of the

following formats: GIF, JPEG, TIFF, BMP, or PDF. Please do not submit graphics with a “.doc” file extension. Each graphic must be submitted as a separate attachment. Graphic notices may be submitted in color or black and white. Avoid using white text in any graphic. Copyrighted materials, such as maps, should not be submitted for publication without written permission of the copyright owner.

PART 5. SPECIAL TEMPORARY FLIGHT RESTRICTIONS/PROHIBITED AREAS AROUND THE WASHINGTON, DC, THURMONT, MD, AND CRAWFORD, TX, AREAS

Effective with the November 27, 2003, edition, this part was removed from the publication. For information on flight restrictions, pilots are directed to the FAA website at <http://www.faa.gov>. Pilots may also call flight service at 1-800-WX-BRIEF.

TIME REFERENCES

All time references are indicated as UTC or local. During periods of Daylight Saving Time, effective hours in local time will be one hour earlier than shown. All states observe Daylight Savings Time except Arizona, Hawaii, Puerto Rico, and the Virgin Islands.

NEW INFORMATION

In Part 1, new NOTAMs are shown in shaded text. In all other sections of the book, vertical lines in the outside margin indicate new or revised information.

INTERNET

The entire Notices to Airmen publication is published on the internet at the following address: http://www.faa.gov/air_traffic/publications/notices/

There are two copies of the NTAP on the Web site, the current version and the previous version. This is done to overlay any current NOTAMs and information that may be needed.

In the Web version, revised/updated items are shown in blue-colored text.

ERROR OR OBSOLETE DATA NOTIFICATION

Notification of erroneous or obsolete data should be directed to the Federal Aviation Administration, Air Traffic Process and Publications Group, AJV-8, 800 Independence Avenue, SW, Washington, DC 20591, or via e-mail at 9-ATOR-HQ-PubGrp@faa.gov.

NOTAM CONTRACTIONS

This list contains most of the commonly used contractions currently in use in Notices to Airmen (NOTAMS) and the standard aviation weather products, such as METAR/TAF, area forecasts, SIGMETs, AIRMETs, etc.

<i>Contraction</i>	<i>Decode</i>
A	
ABN	Aerodrome Beacon
ABV	Above
ACC	Area Control Center (ARTCC)
ACCUM	Accumulate
ACFT	Aircraft
ACR	Air Carrier
ACT	Active or Activated or Activity
ADJ	Adjacent
ADZD	Advised
AFD	Airport/Facility Directory
AGL	Above ground level
ALS	Approach Light System
ALT	Altitude
ALTM	Altimeter
ALTN	Alternate
ALTPLY	Alternately
ALSTG	Altimeter Setting
AMDT	Amendment
AMGR	Airport Manager
AMOS	Automatic Meteorological Observing System
AP	Airport
APCH	Approach
APL	Airport Lights
APP	Approach control or Approach Control Office
ARFF	Aircraft Rescue & Fire Fighting
ARR	Arrival or Arrive
ASOS	Automated Surface Observing System
ASPH	Asphalt
ATC	Air Traffic Control
ATCSCC	David J. Hurley Air Traffic Control System Command Center
ATIS	Automatic Terminal Information Service
AUTH	Authority
AUTOB	Automatic Weather Reporting System
AVBL	Available
AWOS	Automatic Weather Observing/Reporting System
AWY	Airway
AZM	Azimuth
B	
BA FAIR	Braking action fair
BA NIL	Braking action nil
BA POOR	Braking action poor
BC	Back Course
BCN	Beacon
BERM	Snowbank(s) Containing Earth/Gravel
BLW	Below
BND	Bound
BRG	Bearing
BYD	Beyond
C	
CAAS	Class A Airspace
CAT	Category
CBAS	Class B Airspace
CBSA	Class B Surface Area
CCAS	Class C Airspace

<i>Contraction</i>	<i>Decode</i>
CCLKWS	Counterclockwise
CCSA	Class C Surface Area
CD	Clearance Delivery
CDAS	Class D Airspace
CDSA	Class D Surface Area
CEAS	Class E Airspace
CESA	Class E Surface Area
CFR	Code of Federal Regulations
CGAS	Class G Airspace
CHG	Change
CIG	Ceiling
CK	Check
CL	Centerline
CLKWS	Clockwise
CLR	Clearance, clear(s), cleared to
CLSD	Closed
CMB	Climb
CMSND	Commissioned
CNL	Cancel
COM	Communications
CONC	Concrete
CPD	Coupled
CRS	Course
CTC	Contact
CTL	Control
D	
DALGT	Daylight
DCMSND	Decommissioned
DCT	Direct
DEGS	Degrees
DEP	Depart/Departure
DEPPROC	Departure procedures
DH	Decision Height
DISABLD	Disabled
DIST	Distance
DLA	Delay or delayed
DLT	Delete
DLY	Daily
DME	Distance Measuring Equipment
DMSTN	Demonstration
DP	Dew Point Temperature
DRFT	Snowbank(s) Caused By Wind Action
DSPLCD	Displaced
E	
E	East
EB	Eastbound
EFAS	En Route Flight Advisory Service
ELEV	Elevation
ENG	Engine
ENRT	En route
ENTR	Entire
EXC	Except
F	
FAC	Facility or facilities

<i>Contraction</i>	<i>Decode</i>
FAF	Final Approach fix
FAN MKR	Fan Marker
FDC	Flight Data Center
FI/T	Flight inspection temporary
FI/P	Flight inspection permanent
FM	From
FREQ	Frequency
FNA	Final approach
FPM	Feet per minute
FRH	Fly Runway Heading
FRI	Friday
FRZN	Frozen
FSS	Automated/Flight Service Station
FT	Foot, feet
G	
GC	Ground Control
GCA	Ground Control Approach
GOVT	Government
GP	Glide Path
GPS	Global Positioning System
GRVL	Gravel
H	
HAA	Height Above Airport
HAT	Height Above Touchdown
HDG	Heading
HEL	Helicopter
HELI	Heliport
HIRL	High Intensity Runway Lights
HIWAS	Hazardous Inflight Weather Advisory Service
HLDG	Holding
HOL	Holiday
HP	Holding Pattern
HR	Hour
I	
IAF	Initial approach fix
IAP	Instrument Approach Procedure
INBD	Inbound
ID	Identification
IDENT	Identify/Identifier/Identification
IF	Intermediate fix
ILS	Instrument Landing System
IM	Inner Marker
IMC	Instrument Meteorological Conditions
IN	Inch/Inches
INDEFLY	Indefinitely
INFO	Information
INOP	Inoperative
INSTR	Instrument
INT	Intersection
INTL	International
INTST	Intensity
IR	Ice On Runway(s)
K	
KT	Knots
L	
L	Left
LAA	Local Airport Advisory
<i>Contraction</i>	<i>Decode</i>

LAT	Latitude
LAWRS	Limited Aviation Weather Reporting Station
LB	Pound/Pounds
LC	Local Control
LOC	Local/Locally/Location
LCTD	Located
LDA	Localizer Type Directional Aid
LGT	Light or lighting
LGTD	Lighted
LIRL	Low Intensity Runway Lights
LLWAS	Low Level Wind Shear Alert System
LM	Compass Locator at ILS Middle Marker
LDG	Landing
LLZ	Localizer
LO	Compass Locator at ILS Outer Marker
LONG	Longitude
LRN	Loran
LSR	Loose Snow on Runway(s)
LT	Left Turn
M	
MAG	Magnetic
MAINT	Maintain, maintenance
MALS	Medium Intensity Approach Light System
MALSF	Medium Intensity Approach Light System with Sequenced Flashers
MALSR	Medium Intensity Approach Light System with Runway Alignment Indicator Lights
MAPT	Missed Approach Point
MCA	Minimum Crossing Altitude
MDA	Minimum Descent Altitude
MEA	Minimum Enroute Altitude
MED	Medium
MIN	Minute
MIRL	Medium Intensity Runway Lights
MLS	Microwave Landing System
MM	Middle Marker
MNM	Minimum
MNT	Monitor/Monitoring/Monitored
MOC	Minimum Obstruction Clearance
MON	Monday
MRA	Minimum reception altitude
MSA	Minimum Safe Altitude/Minimum Sector Altitude
MSAW	Minimum Safe Altitude Warning
MSG	Message
MSL	Mean Sea Level
MU	MU meters
MUD	Mud
MUNI	Municipal
N	
N	North
NA	Not Authorized
NAV	Navigation
NB	Northbound
NDB	Nondirectional Radio Beacon
NE	Northeast
NGT	Night
NM	Nautical Mile(s)
NMR	Nautical Mile Radius
NONSTD	Nonstandard
NOPT	No Procedure Turn Required
NR	Number
<i>Contraction</i>	<i>Decode</i>

Contractions

Notices to Airmen

NTAP	Notice To Airmen Publication
NW	Northwest
O	
OBSC	Obscured
OBST	Obstruction
OM	Outer Marker
OPR	Operate
OPS	Operation
ORIG	Original
OTS	Out of Service
OVR	Over
P	
PAEW	Personnel and Equipment Working
PAPI	Precision Approach Path Indicator
PAR	Precision Approach Radar
PARL	Parallel
PAT	Pattern
PAX	Passenger
PCL	Pilot Controlled Lighting
PERM	Permanent/Permanently
PJE	Parachute jumping exercise
PLA	Practice Low Approach
PLW	Plow/Plowed
PN	Prior Notice Required
PPR	Prior Permission Required
PREV	Previous
PRN	Psuedo random noise
PROC	Procedure
PROP	Propeller
PSR	Packed Snow on Runway(s)
PTCHY	Patchy
PTN	Procedure Turn
PVT	Private
R	
RAIL	Runway Alignment Indicator Lights
RAMOS	Remote Automatic Meteorological Observing System
RCAG	Remote Communication Air/Ground Facility
RCL	Runway Centerline
RCLL	Runway Centerline Light System
RCO	Remote Communication Outlet
REC	Receive/Receiver
RELCTD	Relocated
REIL	Runway End Identifier Lights
REP	Report
RLLS	Runway Lead-in Lights System
RMNDR	Remainder
RNAV	Area Navigation
RPLC	Replace
RQRD	Required
RRL	Runway Remaining Lights
RSR	En Route Surveillance Radar
RSVN	Reservation
RT	Right Turn
RTE	Route
RTR	Remote Transmitter/Receiver
RTS	Return to Service
RUF	Rough
RVR	Runway Visual Range
RVRM	Runway Visual Range Midpoint
<i>Contraction</i>	<i>Decode</i>

RVRR	Runway Visual Range Rollout
RVRT	Runway Visual Range Touchdown
RWY	Runway
S	
S	South
SA	Sand, sanded
SAT	Saturday
SAWR	Supplementary Aviation Weather Reporting Station
SB	Southbound
SDF	Simplified Directional Facility
SE	Southeast
SFL	Sequence Flashing Lights
SID	Standard Instrument Departure
SIMUL	Simultaneous
SIR	Packed or Compacted Snow and Ice on Runway(s)
SKED	Scheduled
SLR	Slush on Runway(s)
SN	Snow
SNBNK	Snowbank(s) Caused by Plowing
SNGL	Single
SPD	Speed
SSALF	Simplified Short Approach Lighting System with Sequenced Flashers
SSALR	Simplified Short Approach Lighting System with Runway Alignment Indicator Lights
SSALS	Simplified Short Approach Lighting System
SSR	Secondary Surveillance Radar
STA	Straight-in Approach
STAR	Standard Terminal Arrival
SUN	Sunday
SVC	Service
SW	Southwest
SWEPT	Swept or Broom/Broomed
T	
T	Temperature
TAA	Terminal Arrival Area
TACAN	Tactical Air Navigational Aid
TAR	Terminal area surveillance radar
TDZ	Touchdown Zone
TDZ LG	Touchdown zone lights
TEMPO	Temporary
TFC	Traffic
TFR	Temporary Flight Restriction
TGL	Touch and Go Landings
THN	Thin
THR	Threshold
THRU	Through
THU	Thursday
TIL	Until
TKOF	Takeoff
TM	Traffic Management
TMPA	Traffic Management Program Alert
TRML	Terminal
TRNG	Training
TRSN	Transition
TSNT	Transient
TUE	Tuesday
TWR	Tower
TWY	Taxiway
U	
UFN	Until further notice
<i>Contraction</i>	<i>Decode</i>

UNAVBL	Unavailable
UNLGTD	Unlighted
UNMKD	Unmarked
UNMNT	Unmonitored
UNREL	Unreliable
UNUSBL	Unusable
V	
VASI	Visual Approach Slope Indicator
VDP	Visual Descent Point
VGSI	Visual Glide Slope Indicator
VIA	By Way Of
VICE	Instead/Versus
VIS	Visibility
VMC	Visual Meteorological Conditions
VOL	Volume
Contraction	Decode

VOR	VHF Omni-Directional Radio Range
VORTAC	VOR and TACAN (colocated)
W	
W	West
WB	Westbound
WED	Wednesday
WEF	With effect from or effective from
WI	Within
WIE	With immediate effect or effective immediately
WKDAYS	Monday through Friday
WKEND	Saturday and Sunday
WND	Wind
WPT	Waypoint
WSR	Wet Snow on Runway(s)
WTR	Water on Runway(s)
WX	Weather

WEATHER CONTRACTIONS

Contraction	Decode
A	
A	Absolute (temperature)
A	Alaskan Standard Time (time groups only)
A	Arctic (air mass)
A01	Automated Observation without Precipitation Discriminator (rain/snow) (METAR)
A02	Automated Observation with Precipitation Discriminator (rain/snow) (METAR)
AAWF	Auxiliary Aviation Weather Facility
AC	Alto cumulus
ACC	Alto cumulus Castellanus
ACSL	Standing Lenticular Alto cumulus
ACYC	Anticyclonic
ADRNDCK	Adirondack
ADV	Advise
ADVCTN	Advection
ADVY	Advisory
AFC	Area Forecast Center
AFDK	After Dark
ALF	Aloft
ALGHNY	Allegheny
ALQDS	All Quadrants
ALSEC	All Sectors
ALTA	Alberta
ALUTN	Aleutian
ALWF	Actual Wind Factor
AM	Ante Meridiem
AMD	Amended Forecast (TAF)
AMPLTD	Amplitude
AMS	Air Mass
AMS	American Meteorological Society
ANLYS	Analysis
APLCN	Appalachian
AS	Altostratus
ASOS	Automated Surface Observing System
ATLC	Atlantic
AURBO	Aurora Borealis
AWP	Aviation Weather Processors

Contraction	Decode
B	
B	Beginning of Precipitation (time in minutes) (weather reports only)
B	Bering Standard Time (time groups only)
BACLIN	Baroclinic or Baroclinic Prognosis
BATROP	Barotropic or Barotropic Prognosis
BC	Patches (METAR)
BC	British Columbia
BCFG	Patchy Fog (METAR)
BCH	Beach
BCKG	Backing
BDA	Bermuda
BECMG	Becoming (expected between 2 digit beginning hour and 2 digit ending hour) (TAF)
BFDK	Before Dark
BINOVC	Breaks in Overcast
BKN	Broken
BL	Between Layers
BL	Blowing (METAR)
BLD	Build
BLDUP	Buildup
BLKHLS	Black Hills
BLKT	Blanket
BLZD	Blizzard
BMS	Basic Meteorological Services
BNDRY	Boundary
BOVC	Base of Overcast
BR	Mist (METAR)
BRF	Brief
BRKHIC	Breaks in Higher Overcast
BRKSHR	Berkshire
BRM	Barometer
BTWN	Between
C	
C	Central Standard Time (time groups only)
C	Continental (air mass)
CAN	Canada

<i>Contraction</i>	<i>Decode</i>
CARIB	Caribbean
CASCDS	Cascades
CAVOK	Cloud and Visibility OK (METAR)
CAVU	Clear or Scattered Clouds and Visibility Greater Than Ten Miles
CAWS	Common Aviation Weather Sub-system
CB	Cumulonimbus
CBMAM	Cumulonimbus Mamma
CC	Cirrocumulus
CCLKWS	Counterclockwise
CCSL	Standing Lenticular Cirrocumulus
CDFNT	Cold Front
CFP	Cold Front Passage
CHARC	Characteristic
CHSPK	Chesapeake
CI	Cirrus
CIG	Ceiling
CLD	Cloud
CLR	Clear at or below 12,000 feet (AWOS/ASOS report) (METAR)
CLRS	Clear and Smooth
CNCL	Cancel
CNDN	Canadian
CNVTV	Convective
CONFDC	Confidence
CONTDVD	Continental Divide
CONTRAILS	Condensation Trails
COR	Correction to the observation (METAR)
CS	Cirrostratus
CST	Coast
CTGY	Category
CTSKLS	Catskills
CU	Cumulus
CUFRA	Cumulus Fractus
CYC	Cyclonic
CYCLGN	Cyclogenesis
D	
DABRK	Daybreak
DCAVU	Clear or Scattered Clouds and Visibility Greater than Ten, Remainder of Report Missing (weather reports only)
DKTS	Dakotas
DMSH	Diminish
DNS	Dense
DNSLP	Downslope
DNSTRM	Downstream
DP	Deep
DPNG	Deepening
DPTH	Depth
DR	Low Drifting (METAR)
DRFT	Drift
DS	Dust Storm (METAR)
DSIPT	Dissipate
DTLN	International Dateline
DTRT	Deteriorate
DU	Widespread Dust (METAR)
DVV	Downward Vertical Velocity
DWNDFTS	Downdrafts
DWPNT	Dew Point
DZ	Drizzle (METAR)
E	
E	Eastern Standard Time (time groups only)

<i>Contraction</i>	<i>Decode</i>
E	Ending of Precipitation (time in minutes) (weather reports only)
E	Equatorial (air mass)
E	Estimated (weather reports only)
ELNGT	Elongate
EMBDD	Embedded
EMSU	Environment Meteorological Support Unit
ENERN	East-northeastern (weather reports only)
ENEWD	East-northeastward (weather reports only)
EOF	Expected Operations Forecast
ESERN	East-southeastern (weather reports only)
ESEWD	East-southeastward (weather reports only)
EXTRAP	Extrapolate
EXTRM	Extreme
F	
FA	Area Forecast
FAH	Fahrenheit
FEW	1 or 2 octas (eighths) cloud coverage (METAR)
FC	Funnel Cloud (METAR)
+FC	Tornado/ Water Spout (METAR)
FG	Fog (METAR)
FIBI	Filed but Impractical to Transmit
FILG	Filling
FINO	Weather Report Will Not Be Filed for Transmission
FL	Flash Advisory
FLDST	Flood Stage
FLG	Falling
FLRY	Flurry
FLWIS	Flood Warning Issued
FM	From (4 digit beginning time in hours and minutes) (TAF)
FNT	Front
FNTGNS	Frontogenesis
FNTLYS	Frontolysis
FORN	Forenoon
FRMG	Forming
FROPA	Frontal Passage
FROSFC	Frontal Surface
FRST	Frost
FRWF	Forecast Wind Factor
FRZ	Freeze
FRZLVL	Freezing Level
FRZN	Frozen
FT	Terminal Forecast
FU	Smoke (METAR)
FULYR	Smoke Layer Aloft
FUOCTY	Smoke Over City
FWC	Fleet Weather Central
FZ	Supercooled/freezing (METAR)
G	
G	Gusts Reaching (knots) (weather reports only)
GLFALSK	Gulf of Alaska
GLFCAL	Gulf of California
GLFMEX	Gulf of Mexico
GLFSTLAWR	Gulf of St. Lawrence
GR	Hail (METAR)
GRAD	Gradient
GRBNKS	Grand Banks
GRDL	Gradual
GRTLKS	Great Lakes
GS	Small Hail/Snow Pellets (METAR)

<i>Contraction</i>	<i>Decode</i>
GSTS	Gusts
GSTY	Gusty
H	
HCVIS	High Clouds Visible
HDFRZ	Hard Freeze
HDSVLY	Hudson Valley
HI	Hi
HIEAT	Highest Temperature Equaled for All Time
HIEFM	Highest Temperature Equaled for The Month
HIESE	Highest Temperature Equaled So Early
HIESL	Highest Temperature Equaled So Late
HIFOR	High Level Forecast
HITMP	Highest Temperature
HIXAT	Highest Temperature Exceeded for All Time
HIXFM	Highest Temperature Exceeded for The Month
HIXSE	Highest Temperature Exceeded So Early
HIXSL	Highest Temperature Exceeded So Late
HLSTO	Hailstones
HLTP	Hilltop
HLYR	Haze Layer Aloft
HURCN	Hurricane
HUREP	Hurricane Report
HX	High Index
HZ	Haze (METAR)
I	
IC	Ice Crystals (METAR)
ICG	Icing
ICGIC	Icing in Clouds
ICGICIP	Icing in Clouds and Precipitation
ICGIP	Icing in Precipitation
IMDT	Immediate
INLD	Inland
INSTBY	Instability
INTR	Interior
INTRMTRGN	Inter-Mountain Region
INTS	Intense
INTSFY	Intensify
INVRN	Inversion
IOVC	In Overcast
IR	Ice on Runway
J	
JTSTR	Jet Stream
K	
K	Cold (air mass)
KFRST	Killing Frost
L	
LABRDR	Labrador
LCTMP	Little Change in Temperature
LDG	Landing
LFT	Lift
LGRNG	Long Range
LIFR	Low IFR (weather reports only)
LK	Lake
LOEAT	Lowest Temperature Equaled for All Time
LOEFM	Lowest Temperature Equaled for The Month
LOESE	Lowest Temperature Equaled So Early
LOESL	Lowest Temperature Equaled So Late
LOTMP	Lowest Temperature
LOXAT	Lowest Temperature Exceeded for All Time
LOXFM	Lowest Temperature Exceeded for The Month

<i>Contraction</i>	<i>Decode</i>
LOXSE	Lowest Temperature Exceeded So Early
LOXSL	Lowest Temperature Exceeded So Late
LSR	Loose Snow on Runway
LTGCC	Lightning Cloud-to-Cloud
LTGCCCG	Lightning Cloud-to-Cloud, Cloud-to-Ground
LTGCG	Lightning Cloud-to-Ground
LTGCW	Lightning Cloud-to-Water
LTGIC	Lightning in Clouds
LTLCG	Little Change
LTNG	Lightning
LX	Low Index
LYR	Layer or Layered or Layers
M	
M	Maritime (air mass)
M	In temperature field means "minus" or below zero (METAR)
M	In RVR Field, indicates visibility less than lowest reportable sensor value (e.g. M0600FT)
M	Missing (weather reports only)
M	Mountain Standard Time (time groups only)
MA	Map Analysis
MAN	Manitoba
MEGG	Merging
MEX	Mexico
MHKVLY	Mohawk Valley
MI	Shallow (METAR)
MIDN	Midnight
MIFG	Patches of Shallow Fog Not Deeper Than Two Meters (METAR)
MLTLVL	Melting Level
MMO	Main Meteorological Office
MNLD	Mainland
MOGR	Moderate or Greater
MONTR	Monitor
MOV	Move
MRGL	Marginal
MRNG	Morning
MRTM	Maritime
MS	Minus
MSTLY	Mostly
MSTR	Moisture
MTN	Mountain
MVFR	Marginal VFR
MXD	Mixed
N	
NB	New Brunswick
NCWX	No Change in Weather
NELY	Northeasterly (weather reports only)
NERN	Northeastern
NEW ENG	New England
NFLD	Newfoundland
NGT	Night
NL	No Layers
NMBR	Number
NNERN	North-northeastern (weather reports only)
NNEWD	North-northeastward (weather reports only)
NNWRN	North-northwestern (weather reports only)
NNWWD	Northwestward (weather reports only)
NO	Not available (e.g. SLPNO, RVRNO)
NORPI	No Pilot Balloon Observation Will Be Filed Next Collection Unless Weather Changes Significantly
NPRS	Nonpersistent

NS	Nimbostratus
NS	Nova Scotia
NSCSWD	No Small Craft or Storm Warning are Being Displayed
NSW	No Significant Weather (METAR)
NVA	Negative Vorticity Advection
NWLY	Northwesterly (weather reports only)
NWRN	Northwestern (weather reports only)
O	
OBS	Observation
OBSC	Obscure
OCFNT	Occluded Front
OCLD	Occlude
OCLN	Occlusion
OFP	Occluded Frontal Passage
OFSHR	Offshore
OMTNS	Over Mountains
ONSHR	On Shore
ONT	Ontario
ORGPC	Orographic
OSV	Ocean Station Vessel
OTAS	On Top and Smooth
OTLK	Outlook
OVC	Overcast
P	
P	Pacific Standard Time (time group only)
P	Polar (air mass)
P	In RVR field, indicates visibility greater than highest reportable sensor value (e.g. P6000FT)
P6SM	Visibility greater than 6 statute miles (TAF only)
PAC	Pacific
PBL	Probable
PCPN	Precipitation
PDMT	Predominant
PDMT	Predominate
PDW	Priority Delayed Weather
PL	Ice Pellets (METAR)
PEN	Peninsula
PGTSND	Puget Sound
PIBAL	Pilot Balloon Observation
PISE	No Pilot Balloon Observation Due To Unfavorable Sea Conditions
PISO	No Pilot Balloon Observation Due To Snow
PIWI	No Pilot Balloon Observation Due To High, or Gusty, Surface Wind
PLW	Plow (snow)
PNHDL	Panhandle
PO	Dust/Sand Whirls (METAR)
PPINA	Radar Weather Report Not Available (or omitted for a reason different than those otherwise stated)
PPINE	Radar Weather Report No Echoes Observed
PPINO	Radar Weather Report Equipment Inoperative Due To Breakdown
PPIOK	Radar Weather Report Equipment Operation Resumed
PPIOM	Radar Weather Report Equipment Inoperative Due To Maintenance
PR	Partial (METAR)
PRBLTY	Probability
PRESFR	Pressure Falling Rapidly
PRESRR	Pressure Rising Rapidly
PRJMP	Pressure Jump (weather reports only)
PROB40	Probability 40 percent (METAR)
PROG	Prognosis or Prognostic

PRSNT	Present
PS	Plus
PSG	Passage
PSG	Passing
PTCHY	Patchy
PTLY	Partly
PVA	Positive Vorticity Advection
PY	Spray (METAR)
Q	
QSTNRY	Quasi-stationary
QUE	Quebec
R	
R	Runway (used in RVR measurement)
RA	Rain (METAR)
RABA	No RAWIN Obs., No Balloons Available
RABAL	Radiosonde Balloon Wind Data
RABAR	Radiosonde Balloon Release
RACO	No RAWIN Obs., Communications Out
RADAT	Radiosonde Observation Data
RADNO	Report Missing Account Radio Failure
RAFI	Radiosonde Observation Not Filed
RAFRZ	Radiosonde Observation Freezing Levels
RAHE	No RAWIN Obs., No Gas Available
RAICG	Radiosonde Observation Icing at
RAOB	Radiosonde Observation
RAREP	Radar Weather Report
RAVU	Radiosonde Analysis and Verification Unit
RAWE	No RAWIN obs., Unfavorable Weather
RAWI	No RAWIN Obs., High and Gusty Winds
RAWIN	Upper Winds Obs. (by radio methods)
RCD	Radar Cloud Detection Report
RCDNA	Radar Cloud Detection Report Not Available
RCDNE	Radar Cloud Detection Report No Echoes Observed
RCDNO	Radar Cloud Detector Inoperative Due to Breakdown Until
RCDOM	Radar Cloud Detector Inoperative Due to Maintenance Until
RCKY	Rockies (mountains)
RDG	Ridge
RDWND	Radar Dome Wind
RESTR	Restrict
RGD	Ragged
RH	Relative Humidity
RHINO	Radar Echo Height Information Not Available
RHINO	Radar Range Height Indicator Not Operating on Scan
RIOGD	Rio Grande
RMK	Remark(s)
RNFL	Rainfall
ROBEPS	Radar Operating Below Prescribed Standard
RPD	Rapid
RSG	Rising
RUF	Rough
RY/RWY	Runway
S	
SA	Sand (METAR)
SASK	Saskatchewan
SBSD	Subside
SC	Stratocumulus
SCSL	Standing Lenticular Stratocumulus
SCT	Scattered

<i>Contraction</i>	<i>Decode</i>
SELS	Severe Local Storms
SELY	Southeasterly (weather reports only)
SERN	Southeastern (weather reports only)
SFERICS	Atmospherics
SG	Snow Grains (METAR)
SGD	Solar–Geophysical Data
SH	Showers (METAR)
SHFT	Shift (weather reports only)
SHLW	Shallow
SHRTLY	Shortly
SHWR	Shower
SIERNEV	Sierra Nevada
SIR	Snow and Ice on Runway
SKC	Sky Clear (METAR)
SLD	Solid
SLP	Sea Level pressure (e.g. 1013.2 reported as 132)
SLR	Slush on Runway
SLT	Sleet
SM	Statute mile(s)
SMK	Smoke
SMTH	Smooth
SN	Snow (METAR)
SNBNK	Snowbank
SNFLK	Snowflake
SNOINCR	Snow Depth Increase in Past Hour
SNW	Snow
SNWFL	Snowfall
SP	Station Pressure
SPECI	Special Report (METAR)
SPKL	Sprinkle
SPLNS	South Plains
SPRD	Spread
SQ	Squall (METAR)
SQAL	Squall
SQLN	Squall Line
SS	Sandstorm (METAR)
SSERN	South-southeastern (weather reports only)
SSEWD	South-southeastward (weather reports only)
SSWRN	South-southwestern (weather reports only)
SSWWD	South–southwestward (weather reports only)
ST	Stratus
STAGN	Stagnation
STFR	Stratus Fractus
STFRM	Stratiform
STG	Strong
STM	Storm
STNRY	Stationary
SWLG	Swelling
SWLY	Southwesterly (weather reports only)
SWRN	Southwestern (weather reports only)
SX	Stability Index
SXN	Section
SYNOP	Synoptic
SYNS	Synopsis
T	
T	Trace (weather reports only)
T	Tropical (air mass)
TCU	Towering Cumulus
TEMPO	Temporary changes expected (between 2 digit beginning hour and 2 digit ending hour) (TAF)
THD	Thunderhead (non METAR)
THDR	Thunder (non METAR)
THK	Thick

<i>Contraction</i>	<i>Decode</i>
THN	Thin
TKOF	Takeoff
TOP	Cloud Top
TOVC	Top of Overcast
TPG	Topping
TRIB	Tributary
TROF	Trough
TROP	Tropopause
TRPCD	Tropical Continental (air mass)
TRPCL	Tropical
TRPLYR	Trapping Layer
TS	Thunderstorm (METAR)
TSHWR	Thundershower (non METAR)
TSQLS	Thundersqualls (non METAR)
TSTM	Thunderstorm (non METAR)
TURBC	Turbulence
TURBT	Turbulent
TWRG	Towering
U	
UAG	Upper Atmosphere Geophysics
UDDF	Up and Down Drafts
UNSBL	Unseasonable
UNSTBL	Unstable
UNSTDY	Unsteady
UNSTL	Unsettle
UP	Unknown Precipitation (Automated Observations)
UPDFTS	Updrafts
UPR	Upper
UPSLP	Upslope
UPSTRM	Upstream
UVV	Upward Vertical Velocity
UWNDS	Upper Winds
V	
V	Varies (wind direction and RVR)
V	Variable (weather reports only)
VA	Volcanic Ash (METAR)
VC	Vicinity
VLCTY	Velocity
VLNT	Violent
VLY	Valley
VR	Veer
VRB	Variable wind direction when speed is less than or equal to 6 knots
VRISL	Vancouver Island, BC
VRT MOTN	Vertical Motion
VSBY	Visibility
VSBYDR	Visibility Decreasing Rapidly
VSBYIR	Visibility Increasing Rapidly
VV	Vertical Visibility (Indefinite Ceiling) (METAR)
W	
W	Warm (air mass)
WA	AIRMET
WDC–1	World Data Centers in Western Europe
WDC–2	World Data Centers Throughout Rest of World
WDLY	Widely
WDSPRD	Widespread
WEA	Weather
WFP	Warm Front Passage
WINT	Winter
WND	Wind
WNWRN	West–northwestern (weather reports only)

Contractions

Notices to Airmen

<i>Contraction</i>	<i>Decode</i>
WNWWD	West–northwestward (weather reports only)
WPLTO	Western Plateau
WR	Wet Runway
WRM	Warm
WRMFNT	Warm Front
WRNG	Warning
WS	Wind Shear (in TAFs, low level and not associated with convective activity)
WS	SIGMET
WSHFT	Wind Shift
WSOM	Weather Service Operations Manual
WSR	Wet Snow on Runway
WSWRN	West–southwestern (weather reports only)
WSWWD	West–southwestward (weather reports only)
WTR	Water
WTSPT	Waterspout

<i>Contraction</i>	<i>Decode</i>
WV	Wave
WW	Severe Weather Forecast
WXCON	Weather Reconnaissance Flight Pilot Report
X	
XCP	Except
XPC	Expect
Y	
Y	Yukon Standard Time (time groups only)
YKN	Yukon
YLSTN	Yellowstone
Z	
ZI	Zonal Index
ZI	Zone of Interior

Part 1. FDC NOTAMs

Section 1. Airway NOTAMs



Shaded text indicates new or revised NOTAMs.

PART 1

Section 1. AIRWAY NOTAMS

ALBUQUERQUE ARTCC

FDC 5/6994 ZAB NM..ROUTE ZAB. V280 TEXICO (TXO) VORTAC, TX R-207 TO DEBRA INT, NM MOCA 5800. V280 CHISUM (CME) VORTAC, NM R-051 TO DEBRA INT, NM MOCA 5800. 1509281420-1603261420EST.

FDC 5/2351 ZAB NM..ROUTE ZAB. V68 CHISUM (CME) VORTAC, NM TO HAGER, NM HAGER MRA 6500. CNM VORTAC RADIAL RESTRICTED R-344, 56NM, 6500-17500. 1506221503-1512191503EST.

FDC 5/2349 ZAB NM..ROUTE ZAB. V14 CHISUM (CME) VORTAC, NM TO ONSOM, NM MEA 7000 SOUTHWEST BOUND, 7500 NORTHEAST BOUND. CNM VORTAC RESTRICTED R-352, 70NM, 7500-17500. 1506221500-1512191500EST.

FDC 5/1784 ZAB NM..ROUTE ZAB. V280 CHISUM (CME) VORTAC, NM R-051 TO FRAIZ INT, NM MOCA 5900. V280 FRAIZ INT, NM TO DEBRA INT, NM MOCA 5900. V280 DEBRA INT, NM TO TEXICO (TXO) VORTAC, TX R-207 MOCA 5900. 1510061900-1604031900EST.

FDC 5/0373 ZAB TX..ROUTE ZAB. V140 PANHANDLE (PNH) VORTAC, TX TO ZESUS, TX MOCA 5100. 1508101726-1602061726EST.

FDC 5/0371 ZAB TX..ROUTE ZAB. V402, V440 PANHANDLE (PNH) VORTAC, TX TO BRISC, TX MOCA 5100. 1508101724-1602061724EST.

ANCHORAGE ARTCC

FDC 5/6054 ZAN AK..ROUTE ZAN. V506 SHOKK, AK TO MEADE, AK GNSS MEA 8000 NA. 1509241806-1603221806EST.

FDC 5/5570 ZAN AK..ROUTE ZAN. V489 ROSII, AK TO TANANA (TAL) VOR/DME, AK MEA 3400 NORTHEAST BOUND, 6000 SOUTHWEST BOUND. 1507151446-1601111446EST.

FDC 5/5282 ZAN AK..ROUTE ZAN. V508 AFGAS, AK TO SPARREVOHN (SQA) VOR/DME, AK MEA 6000 WESTBOUND, 12000 EASTBOUND. 1508191548-1602151548EST.

ATLANTAARTCC

FDC 5/5918 ZTL TN..ROUTE ZTL. V136, V16 DAMAS, TN TO STOVE, VA MEA 8000. 1510301934-1604231934EST.

FDC 5/5910 ZTL TN..ROUTE ZTL. V136, V16 HOLSTON MOUNTAIN (HMV) VORTAC, TN MCA 6700 NORTHEASTBOUND. 1510301929-1604231929EST.

FDC 5/5856 ZTL TN..ROUTE ZTL. V136 AUBRY, TN TO PITTE, TN MEA 7400E 6000W. 1510301912-1604231911EST.

FDC 5/5834 ZTL TN..ROUTE ZTL. V136 VOLUNTEER (VXV) VORTAC, TN TO AUBRY, TN MEA 7400E 5000W. 1510301905-1604231905EST.

FDC 5/5828 ZTL TN..ROUTE ZTL. V136 AFTEN, TN TO HOLSTON MOUNTAIN (HMV) VORTAC, TN MEA 7000SW 6000NE. 1510301900-1604231900EST.

FDC 5/5807 ZTL TN..ROUTE ZTL. V136 VOLUNTEER (VXV) VORTAC, TN MCA 3400 EASTBOUND. 1510301850-1604231849EST.

FDC 5/3468 ZTL ROUTE ZTL ZID. Q71 BOBBD, TN TO GEFES, WV NA. 1510271633-1604201633EST.

FDC 5/3457 ZTL TN..ROUTE ZTL ZID. Q67 SMTTH, TN TO COLTZ, OH NA. 1510271625-1604201625EST.

FDC 5/3448 ZTL AL..ROUTE ZTL ZDC ZHU. Q64 CATLN, AL TO TAR RIVER (TYI) VORTAC, NC NA. 1510271618-1604201618EST.

FDC 5/3444 ZTL ROUTE ZTL ZDC. Q60 SPARTANBURG (SPA) VORTAC, SC TO JAXSN, VA NA. 1510271610-1604201610EST.

FDC 5/3436 ZTL ROUTE ZTL ZDC. Q58 KELLN, SC TO PEETT, NC NA. 1510271603-1604201603EST.

FDC 5/3371 ZTL ROUTE ZTL ZHU ZDC. Q56 CATLN, AL TO KIWHI, VA NA. 1510271524-1604201524EST.

FDC 5/3364 ZTL ROUTE ZTL ZDC. Q54 GREENWOOD (GRD) VORTAC, SC TO NUTZE, NC NA. 1510271518-1604201518EST.

FDC 5/3350 ZTL ROUTE ZTL. Q52 CHOPZ, GA TO COLZI, NC NA. 1510271513-1604241513EST.

FDC 5/3230 ZTL ROUTE ZTL ZID. Q39 CLAWD, NC TO WISTA, WV NA. 1510271414-1604121414EST.

FDC 5/3185 ZTL ROUTE ZTL ZDC ZHU. Q22 CATLN, AL TO BEARI, VA NA. 1510271352-1604121352EST.

FDC 5/1689 ZTL ROUTE ZTL ZME. V209 KEWANEE (EWA) VORTAC, MS TO BROOKWOOD (OKW) VORTAC, AL NA. 1510061738-1605131726EST.

BOSTON ARTCC

FDC 5/5921 ZBW NY..ROUTE ZBW. J49 ALBANY (ALB) VORTAC, NY R-071 TO COP NA. 1510301941-1604231941EST.

FDC 5/5211 ZBW NY..ROUTE ZBW. V98 MWVYB, NY TO RNKRS, NY NA. 1508191526-1602151526EST.

FDC 5/2541 ZBW NY..ROUTE ZBW. V39 CARMEL (CMK) VOR/DME, NY TO SOARS, CT NA. 1510261352-1604231352EST.

FDC 5/2534 ZBW NY..ROUTE ZBW. V3 CARMEL (CMK) VOR/DME, NY TO RACEY, CT NA. COP MOVED TO RACEY, CT. 1510261350-1604231350EST.

FDC 5/2532 ZBW NY..ROUTE ZBW. V188 CARMEL (CMK) VOR/DME, NY TO SEALL, CT NA. 1510261347-1604231347EST.

FDC 5/1945 ZBW NY..ROUTE ZBW. V419 CARMEL (CMK) VOR/DME, NY TO BRISS, CT NA. 1510231730-1605271730EST.

FDC 5/1793 ZBW NY..ROUTE ZBW. V374 CARMEL (CMK) VOR/DME, NY TO CREAM, NY NA. 1510231309-1605261309EST.

CHICAGO ARTCC

FDC 5/7289 ZAU MI..ROUTE ZAU ZOB. V2 MUSKEGON (MKG) VORTAC, MI TO SARAN, MI NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. V2 SARAN, MI TO LANSING (LAN) VORTAC, MI MEA 2600. MKG VOR R-115 UNUSABLE ALL ALTITUDES. 1507172214-1601132214EST.

FDC 5/7280 ZAU MI..ROUTE ZAU ZOB. V450 MUSKEGON (MKG) VORTAC, MI TO CLOCK, MI MEA 6000. V450 CLOCK, MI TO AYEJO, MI NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. MKG VOR R-095 UNUSABLE BELOW 6000 INSIDE 25NM AND UNUSABLE ALL ALTITUDES BEYOND 25NM.. 1507172202-1601132202EST.

FDC 5/7224 ZAU MI..ROUTE ZAU ZMP. V450 RABEE, WI TO MOTAN, MI MEA 3500. MKG VOR MKG R-313 UNUSABLE BELOW 3500 BEYOND 25NM TO COP.. 1507172054-1601132054EST.

FDC 5/7222 ZAU MI..ROUTE ZAU. V55 PULLMAN (PMM) VOR/DME, MI TO MUSKEGON (MKG) VORTAC, MI COP 18NM MKG. MKG VOR MKG VORTAC R-185 UNUSABLE BEYOND 25NM.. 1507172054-1601132054EST.

FDC 5/7217 ZAU MI..ROUTE ZAU. V215 JYBEE, MI TO MUSKEGON (MKG) VORTAC, MI NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. MKG VOR MKG VORTAC R-209 UNUSABLE BEYOND 25NM ALL ALTITUDES.. 1507172054-1601132054EST.

FDC 5/7214 ZAU MI..ROUTE ZAU. V215 MUSKEGON (MKG) VORTAC, MI TO WHITE CLOUD (HIC) VOR/DME, MI COP AT MKG VORTAC. MKG VOR MKG VORTAC R-031 UNUSABLE. USE HIC VOR/DME R-211. 1507172054-1601132054EST.

FDC 5/7213 ZAU MI..ROUTE ZAU ZMP. V271 MUSKEGON (MKG) VORTAC, MI TO WELKO, MI MEA 4500. MKG VOR MKG VORTAC R-353 UNUSABLE BELOW 4500 BEYOND 25NM. 1507172054-1601132054EST.

FDC 5/5949 ZAU WI..ROUTE ZAU ZMP. V7 FALLS (FAH) VOR/DME, WI TO MURRI, WI NA. V7 MURRI, WI TO GREEN BAY (GRB) VORTAC, WI CHANGEOVER POINT GRB R-161 AT 42 NM. MEA 3000. FAH VOR/DME R-345 UNUSABLE. 1510301952-1604271952EST.

FDC 5/5946 ZAU WI..ROUTE ZAU ZMP. V7 FALLS (FAH) VOR/DME, WI TO MURRI, WI NA. V7 MURRI, WI TO GREEN BAY (GRB) VORTAC, WI CHANGEOVER POINT GRB R-161 AT 42 NM. MEA 3000. FAH VOR/DME R-345 UNUSABLE. 1510301952-1604271952EST.

FDC 5/5944 ZAU WI..ROUTE ZAU ZMP. V7 FALLS (FAH) VOR/DME, WI TO MURRI, WI NA. V7 MURRI, WI TO GREEN BAY (GRB) VORTAC, WI CHANGEOVER POINT GRB R-161 AT 42 NM. MEA 3000. FAH VOR/DME R-345 UNUSABLE. 1510301952-1604271952EST.

FDC 5/5942 ZAU WI..ROUTE ZAU. V510 FALLS (FAH) VOR/DME, WI TO GAYLE, MI NA. FAH VOR/DME R-116 UNUSABLE. 1510301952-1604271952EST.

FDC 5/5941 ZAU WI..ROUTE ZAU. V510 OSHKOSH (OSH) VORTAC, WI TO FALLS (FAH) VOR/DME, WI CHANGEOVER POINT OSH R-111 AT 33 NM. FAH VOR/DME R-296 UNUSABLE. 1510301952-1604271952EST.

FDC 5/5940 ZAU WI..ROUTE ZAU. V7 PETTY, WI TO FALLS (FAH) VOR/DME, WI NA. FAH VOR/DME R-172 UNUSABLE. 1510301952-1604271952EST.

CLEVELAND ARTCC

FDC 5/9818 ZOB PA..ROUTE ZOB. V43 ERIE (ERI) VORTAC, PA TO TWGKD, NY NA. 1506171453-1512141453EST.

FDC 5/7287 ZOB MI..ROUTE ZOB ZAU. V2 MUSKEGON (MKG) VORTAC, MI TO SARAN, MI NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. V2 SARAN, MI TO LANSING (LAN) VORTAC, MI MEA 2600. MKG VOR R-115 UNUSABLE ALL ALTITUDES. 1507172214-1601132214EST.

FDC 5/4351 ZOB NY..ROUTE ZOB. V164 BENE, NY MCA 11000 NORTHBOUND. 1507131726-1601091725EST.

FDC 5/4152 ZOB NY..ROUTE ZOB. V252 AIRCO, NY TO U.S. BORDER NA. 1505201648-1511161648EST.

FDC 5/4150 ZOB NY..ROUTE ZOB. V31 AIRCO, NY TO U.S. BORDER NA. 1505201647-1511161647EST.

FDC 5/4148 ZOB NY..ROUTE ZOB. V164 BUFFALO (BUF) VOR/DME, NY TO U.S. BORDER NA. 1505201646-1511161646EST.

FDC 5/4145 ZOB NY..ROUTE ZOB. V36 BUFFALO (BUF) VOR/DME, NY TO U.S. BORDER NA. 1505201645-1511161645EST.

FDC 5/2882 ZOB OH..ROUTE ZOB. V96 ILLIE, OH MCA 16000 NORTHEASTBOUND. 1511131819-1606171819EST.

FDC 5/1692 ZOB MI..ROUTE ZOB. V450 GIBER INT, MI TO LUGGS INT, MI MEA 4000 MOCA 2400. 1509161621-1604141621EST.

FDC 5/0287 ZOB OH..ROUTE ZOB. J518 DRYER (DJB) VOR/DME, OH TO INDIAN HEAD (IHD) VORTAC, PA COP AT IHD R-310 39NM. 1508271210-1602231210EST.

DENVER ARTCC

FDC 5/5694 ZDV CO..ROUTE ZDV. V200 MEEKER (EKR) VOR/DME, CO TO KREMMLING (RLG) VOR/DME, CO MEA 14600 MCA 11300 EASTBOUND. 1509241438-1603221438EST.

FORT WORTH ARTCC

FDC 5/5933 ZFW TX..ROUTE ZFW. V404 CHILDRESS (CDS) VORTAC, TX TO SNEED, TX NA. 1510301949-1604271949EST.

FDC 5/5931 ZFW TX..ROUTE ZFW. V102, V404 SNEED, TX TO ELECT, TX MEA 4000. V102, V404 ELECT, TX TO WICHITA FALLS (SPS) VORTAC, TX MEA 2700. 1510301949-1604271949EST.

FDC 5/5903 ZFW TX..ROUTE ZFW. V278 GUTHRIE (GTH) VORTAC, TX TO NIFDE, TX MEA 8500. GTH VOR CHANGEOVER POINT GTH R-086 AT 45 NM. 1510301925-1604271925EST.

FDC 5/5902 ZFW TX..ROUTE ZFW. V278 PLAINVIEW (PVW) VOR/DME, TX TO GUTHRIE (GTH) VORTAC, TX MEA 6000. GTH VOR CHANGEOVER POINT GTH R-275 AT 25 NM.. 1510301925-1604271925EST.

FDC 5/5901 ZFW TX..ROUTE ZFW. V18 GUTHRIE (GTH) VORTAC, TX TO BEKLE, TX MEA 8500. GTH VOR RESTRICTED BELOW 8500. 1510301925-1604271925EST.

FDC 5/5900 ZFW TX..ROUTE ZFW. V102 GUTHRIE (GTH) VORTAC, TX TO SNEED, TX MEA 6000. GTH VOR CHANGEOVER POINT GTH R-071 AT 25NM.. 1510301925-1604271925EST.

FDC 5/5898 ZFW TX..ROUTE ZFW. V102 LUBBOCK (LBB) VORTAC, TX TO GUTHRIE (GTH) VORTAC, TX MOCA 6000. GTH VOR CHANGEOVER POINT GTH-257 AT 25NM.. 1510301925-1604271925EST.

FDC 5/2163 ZFW AR..ROUTE ZFW ZME. V573 MARKI, AR TO HOT SPRINGS (HOT) VOR/DME, AR MEA 3500NE 5500SW. PGO VORTAC RADIALS UNUSABLE BEYOND SERVICE VOLUME PGO RADIAL-110 AT MARKI UNUSABLE. 1508131356-1602091356EST.

HONOLULU CERAP

FDC 5/7638 ZHN HI..AIRSPACE KILAUEA HI..VOLCANIC ACTIVITY ADVISORY FOR KILAUEA VOLCANO HI, 1925N15516W, AND THE HILO /ITO/ VORTAC 209 DEGREE RADIAL AT 023 NM. KILAUEA VOLCANO HAS BEEN IN AN ACTIVE STATE. HAZARDOUS EMISSIONS OF VOLCANIC ASH HAVE INTERMITTENTLY COMPLICATED AIR TRAVEL IN THE AREA. ANY IMPACT ON AIRCRAFT OPERATIONS IS DESCRIBED IN CURRENT SIGMET, CWA, OR PIREP INFORMATION. AIRCRAFT SHOULD REMAIN ALERT FOR POSSIBLE ASH CLOUDS AND REPORT ANY SIGHTINGS TO ATC. AIRCRAFT OPERATORS SHOULD CONTINUALLY EVALUATE OPERATIONS IN THE AREA DEFINED BY THE SIGMET. AVIATION ALERT COLOR CODE ORANGE IS IN EFFECT. FLIGHT INTO VOLCANIC ASH MAY CAUSE ENGINE DAMAGE/FAILURE AND ABRASION DAMAGE TO AIRFRAME AND WINDSHIELD SURFACES. ANY AIR CARRIERS, INCLUDING FOREIGN AIR CARRIERS THAT OBSERVE OR EXPERIENCE DIFFICULTIES RESULTING FROM AN ENCOUNTER WITH VOLCANIC ASH PLEASE NOTIFY ATC IMMEDIATELY IN ACCORDANCE WITH FAR 121.561 AND ICAO, ANNEX 3, PARAGRAPH 5.4 (SPECIAL AIRCRAFT OPERATIONS), AND ANNEX 6 PARAGRAPH 4.4.3 (HAZARDOUS FLIGHT CONDITIONS), CONTACT HONOLULU CONTROL FACILITY, 808-840-6201, FOR ADDITIONAL INFORMATION. 1511040000-1611022300.

FDC 5/7624 ZHN HI..ROUTE ZHN. V11 LNBRG, HI TO SWEEP, HI MEA 5400 NORTHBOUND. UPP VOR ESV R338/48/54/450. 1507201159-1601161159EST.

FDC 5/7529 ZHN HI..ROUTE ZHN. V20 KONA (KOA)
VORTAC, HI TO ROBYN, HI MEA 5200.
1509291300-1603271300EST.

FDC 5/7527 ZHN HI..ROUTE ZHN. V5 KONA (KOA)
VORTAC, HI TO MYNAH, HI MEA 5200.
1509291300-1603271300EST.

FDC 5/7518 ZHN HI..ROUTE ZHN. V1, V2 MAKEN, HI
TO HARPO, HI MEA 6300. 1509291300-1603271300EST.

FDC 5/7516 ZHN HI..ROUTE ZHN. V1, V7 KONA (KOA)
VORTAC, HI TO REEFS, HI MEA 5200.
1509291300-1603271300EST.

HOUSTON ARTCC

FDC 5/3449 ZHU AL..ROUTE ZHU ZTL ZDC. Q64
CATLN, AL TO TAR RIVER (TYI) VORTAC, NC NA.
1510271618-1604201618EST.

FDC 5/3370 ZHU ROUTE ZHU ZTL ZDC. Q56 CATLN,
AL TO KIWI, VA NA. 1510271524-1604201524EST.

FDC 5/3186 ZHU ROUTE ZHU ZTL ZDC. Q22 CATLN,
AL TO BEARI, VA NA. 1510271352-1604121352EST.

INDIANAPOLIS ARTCC

FDC 5/9769 ZID KY..ROUTE ZID ZME. V52 CENTRAL
CITY (CCT) VORTAC, KY TO BOWLING GREEN (BWG)
VORTAC, KY COP AT BWG R-303 10NM.
1508261859-1602221859EST.

FDC 5/9747 ZID KY..ROUTE ZID. V178 RENRO, KY
MRA 11000. 1508261857-1602221857EST.

FDC 5/5266 ZID TN..ROUTE ZID. V513 LIVINGSTON
(LVT) VORTAC, TN TO NEW HOPE (EWO) VOR/DME,
KY MEA 4000. 1508191538-1602151538EST.

FDC 5/3469 ZID ROUTE ZID ZTL. Q71 BOBBD, TN TO
GEFFS, WV NA. 1510271633-1604201633EST.

FDC 5/3459 ZID TN..ROUTE ZID ZTL. Q67 SMTTH, TN
TO COLTZ, OH NA. 1510271625-1604201625EST.

FDC 5/3228 ZID ROUTE ZID ZTL. Q39 CLAWD, NC TO
WISTA, WV NA. 1510271414-1604121414EST.

FDC 5/2831 ZID AR..ROUTE ZID ZME. J6 LITTLE ROCK
(LIT) VORTAC, AR TO CHARLESTON (HVQ) VORTAC,
WV NA. 1509171945-1603151943EST.

FDC 5/0879 ZID KY..ROUTE ZID ZME. V52 BOWLING
GREEN (BWG) VORTAC, KY TO LIVINGSTON (LVT)
VORTAC, TN MEA 11000. V52 BOWLING GREEN (BWG)
VORTAC, KY MCA 11000 SOUTHEASTBOUND.
1510051607-1604021604EST.

FDC 5/0841 ZID KY..ROUTE ZID ZME. V5 KEDLE, KY
TO NEW HOPE (EWO) VOR/DME, KY MEA 2900. V5
BOWLING GREEN (BWG) VORTAC, KY TO KEDLE, KY
NA. 1510051545-1604021544EST.

FDC 5/0808 ZID KY..ROUTE ZID. V5 LOUISVILLE (IIU)
VORTAC, KY MCA 10000 NORTHEASTBOUND. V5
NERVE, KY MCA 10000 SOUTHWESTBOUND.
1510051451-1604021451EST.

FDC 5/0806 ZID KY..ROUTE ZID. V53 LOUISVILLE
(IIU) VORTAC, KY MCA 10000 NORTHWESTBOUND.
V53 HOUSE, IN MCA 10000 SOUTHEASTBOUND. V53
LOUISVILLE (IIU) VORTAC, KY TO HOUSE, IN MOCA
NA. 1510051448-1604021448EST.

FDC 5/0804 ZID KY..ROUTE ZID. V171 LOUISVILLE
(IIU) VORTAC, KY MCA 10000 NORTHWESTBOUND.
V171 SCOTO, IN MCA 10000 SOUTHEASTBOUND. V171
LOUISVILLE (IIU) VORTAC, KY TO SCOTO, IN MOCA
NA. 1510051439-1604021439EST.

FDC 5/0795 ZID KY..ROUTE ZID. V512 LOUISVILLE
(IIU) VORTAC, KY MCA 10000 EASTBOUND. V512
CLEGG, KY MCA 10000 WESTBOUND. V512
LOUISVILLE (IIU) VORTAC, KY TO CLEGG, KY MOCA
NA. 1510051434-1604021434EST.

FDC 5/0532 ZID TN..ROUTE ZID ZME. V140
NASHVILLE (BNA) VORTAC, TN TO LIVINGSTON
(LVT) VORTAC, TN MEA 8000.
1510031757-1603311757EST.

JACKSONVILLE ARTCC

FDC 5/7493 ZJX SC..ROUTE ZJX. V259 GRAND
STRAND (CRE) VORTAC, SC TO COP NA.
1511032002-1604272002EST.

FDC 5/7492 ZJX SC..ROUTE ZJX. V136 COP TO GRAND
STRAND (CRE) VORTAC, SC NA.
1511032001-1604272001EST.

FDC 5/5608 ZJX SC..ROUTE ZJX ZDC. V1 INLET, SC TO
WALLO, NC NA. 1510301427-1604271427EST.

FDC 5/3174 ZJX SC..ROUTE ZJX. V53 CHARLESTON
(CHS) VORTAC, SC TO COLUMBIA (CAE) VORTAC, SC
MEA 2100. 1509012019-1602282018EST.

FDC 5/2944 ZJX NC..ROUTE ZJX ZDC. V139 MOKKA,
NC TO WILMINGTON (ILM) VORTAC, NC NA.
1510271151-1605241151EST.

FDC 5/2940 ZJX NC..ROUTE ZJX ZDC. V139 MOKKA,
NC TO WILMINGTON (ILM) VORTAC, NC NA.
1510271150-1605241150EST.

FDC 5/1834 ZJX FL..ROUTE ZJX. V579 NITTS, FL MCA
5000 SOUTHBOUND. 1508122110-1602082110EST.

FDC 5/1833 ZJX FL..ROUTE ZJX. V441 NITTS, FL MCA 5000 SOUTHBOUND. 1508122109-1602082109EST.

FDC 5/1831 ZJX FL..ROUTE ZJX. V441, V579 BAYPO, FL MCA 5000 NORTHBOUND. 1508122108-1602082108EST.

FDC 5/1829 ZJX FL..ROUTE ZJX. V441, V579 BAYPO, FL TO NITTS, FL MEA 5000. 1508122107-1602082107EST.

FDC 5/1828 ZJX FL..ROUTE ZJX. V35 ST PETERSBURG (PIE) VORTAC, FL R-355 UNUSABLE BYD 40 NM. 1508122106-1602082106EST.

FDC 5/1826 ZJX FL..ROUTE ZJX. V97 ST PETERSBURG (PIE) VORTAC, FL R-336 UNUSABLE BYD 40 NM. 1508122105-1602082105EST.

KANSAS CITY ARTCC

FDC 5/9912 ZKC KS..ROUTE ZKC. V553 SALINA (SLN) VORTAC, KS TO PAWNEE CITY (PWE) VORTAC, NE MEA 3400. URAVY MRA 6000. HURDO MRA 6000.. SLN VORTAC RESTRICTIONS. 1509130419-1603110419EST.

FDC 5/9907 ZKC KS..ROUTE ZKC. V551 SALINA (SLN) VORTAC, KS TO MANKATO (TKO) VORTAC, KS MEA 6000. SLN VORTAC MCA V551 4200 NORTHWESTBOUND.. SLN VORTAC RESTRICTIONS. 1509130419-1603110419EST.

FDC 5/8659 ZKC MO..ROUTE ZKC. V190 SPRINGFIELD (SGF) VORTAC, MO R-075 TO MAPLES (MAP) VORTAC, MO R-254 MEA 3100. 1507220227-1602180227EST.

FDC 5/1115 ZKC KS..ROUTE ZKC. V532 SALINA (SLN) VORTAC, KS TO STEEL, NE MEA 6000. SLN VORTAC MCA V532 4200 NORTHEASTBOUND. V532 STEEL, NE TO LINCOLN (LNK) VORTAC, NE MEA 5000. SLN VORTAC RESTRICTION. 1509152002-1603131959EST.

LOS ANGELES ARTCC

FDC 5/7949 ZLA CA..ROUTE ZLA. V459 LOPES, CA TO WRING, CA MEA 8500. 1509301230-1603281230EST.

FDC 5/6988 ZLA CA..ROUTE ZLA. V197 KELEN, CA TO ARVIN, CA MEA 8500. 1509281414-1603261414EST.

FDC 5/6986 ZLA CA..ROUTE ZLA. V165 LOPES, CA TO ARVIN, CA MEA 8500. 1509281412-1603261412EST.

FDC 5/5692 ZLA NV..ROUTE ZLA. V248 SCRAP, CA TO SHAFTER (EHF) VORTAC, CA MEA 3000 EASTBOUND. 1509241437-1603221437EST.

FDC 5/5683 ZLA NV..ROUTE ZLA. V394 OASYS, NV TO LAS VEGAS (LAS) VORTAC, NV MEA 9400 MCA 8200 SOUTHWESTBOUND. 1509241435-1603221435EST.

FDC 5/3686 ZLA CA..ROUTE ZLA. V197 POMONA (POM) VORTAC, CA MCA 5800 NORTHWESTBOUND. 1507101945-1601061945EST.

MEMPHIS ARTCC

FDC 5/9771 ZME KY..ROUTE ZME ZID. V52 CENTRAL CITY (CCT) VORTAC, KY TO BOWLING GREEN (BWG) VORTAC, KY COP AT BWG R-303 10NM. 1508261859-1602221859EST.

FDC 5/8585 ZME TN..ROUTE ZME. V49 NASHVILLE (BNA) VORTAC, TN TO BOWLING GREEN (BWG) VORTAC, KY COP BWG R-192 10NM. 1506302038-1512272038EST.

FDC 5/8547 ZME AL..ROUTE ZME. V54 CHOO CHOO (GQO) VORTAC, TN R-262 TO COMAR INT, AL NA. 1509301743-1603281738EST.

FDC 5/2172 ZME AR..ROUTE ZME. V527 HIDER, AR TO ROVER, AR MEA 9500N 5500S. PGO VORTAC RADIALS UNUSABLE BEYOND SERVICE VOLUME PGO RADIAL R-069 NA OUTSIDE 40NM.. 1508131356-1602091356EST.

FDC 5/2171 ZME AR..ROUTE ZME. V303 BLURB, AR TO BLIMP, AR MRA 5500. PGO VORTAC RADIALS UNUSABLE BEYOND SERVICE VOLUME PGO VORTAC RADIAL-076 UNUSABLE BEYOND 40NM.. 1508131356-1602091356EST.

FDC 5/2167 ZME AR..ROUTE ZME. V534 FORT SMITH (FSM) VORTAC, AR TO DRANO, AR MEA 2600W 4500E. V534 DRANO, AR TO SCRAN, AR MEA 3500W 4500E. PGO VORTAC RADIALS UNUSABLE BEYOND SERVICE VOLUME PGO RADIAL-037 NA AT DRANO, PGO RADIAL-049 NA AT SCRAN.. 1508131356-1602091356EST.

FDC 5/2161 ZME AR..ROUTE ZME. V532 BLIMP, AR TO BLURB, AR MCA 5500 EASTBOUND. PGO VORTAC RADIALS UNUSABLE BEYOND SERVICE VOLUME PGO RADIAL-076 NA AT BLURB, USE LIT RADIAL-273. 1508131356-1602091356EST.

FDC 5/1126 ZME KY..ROUTE ZME ZID. V140 HARME, TN TO LIVINGSTON (LVT) VORTAC, TN MEA 8000. 1510052006-1604022004EST.

FDC 5/0926 ZME TN..ROUTE ZME ZTL. V243, V5 CHOO CHOO (GQO) VORTAC, TN TO MCMIN, TN MEA 5000. V243, V5 MCMIN, TN TO BOWLING GREEN (BWG) VORTAC, KY NA. 1510051707-1604021707EST.

FDC 5/0922 ZME TN..ROUTE ZME. V94 VALER, TN TO TEACH, TN NA. V94 TEACH, TN TO BOWLING GREEN (BWG) VORTAC, KY MEA 10000. 1510051701-1604021658EST.

FDC 5/0910 ZME KY..ROUTE ZME. V52 CENTRAL CITY (CCT) VORTAC, KY TO BOWLING GREEN (BWG) VORTAC, KY COP AT BWG R-303 9NM. 1510051651-1604021649EST.

FDC 5/0542 ZME KY..ROUTE ZME ZID. V49 BOWLING GREEN (BWG) VORTAC, KY TO OSINE, KY NA. V49 OSINE, KY TO MYSTIC (MYS) VOR, KY MEA 2700. 1510031807-1603311807EST.

FDC 5/0536 ZME KY..ROUTE ZME ZID. V49 BOWLING GREEN (BWG) VORTAC, KY TO OSINE, KY NA. V49 OSINE, KY TO MYSTIC (MYS) VOR, KY MEA 2700. 1510031805-1603311805EST.

MIAMI ARTCC

FDC 5/5262 ZMA FL..ROUTE ZMA. V537 PRESK, FL MCA 4000 NORTHWESTBOUND. 1508191535-1602151535EST.

FDC 5/1823 ZMA FL..ROUTE ZMA. V492, V97 LA BELLE (LBV) VORTAC, FL TO ST PETERSBURG (PIE) VORTAC, FL MEA 5000 GNSS 2000. 1508122056-1602082056EST.

FDC 5/1821 ZMA FL..ROUTE ZMA. V35 ST PETERSBURG (PIE) VORTAC, FL TO SABEE, FL MEA 3000 GNSS 2000. 1508122055-1602082054EST.

FDC 5/0881 ZMA FL..ROUTE ZMA. V295 VIRGINIA KEY (VKZ) VOR/DME, FL TO STOOP, FL MCA 2000. 1510051612-1604021612EST.

MINNEAPOLIS ARTCC

FDC 5/6084 ZMP MI..ROUTE ZMP. V148 HAYWARD (HYR) VOR/DME, WI TO IRONWOOD (IWD) VORTAC, MI NA. 1510302050-1604272050EST.

FDC 5/6083 ZMP MI..ROUTE ZMP. V148 ALEEN, WI TO HAYWARD (HYR) VOR/DME, WI NA. 1510302050-1604272050EST.

FDC 5/5948 ZMP WI..ROUTE ZMP ZAU. V7 FALLS (FAH) VOR/DME, WI TO MURRI, WI NA. V7 MURRI, WI TO GREEN BAY (GRB) VORTAC, WI CHANGEOVER POINT GRB R-161 AT 42 NM. MEA 3000. FAH VOR/DME R-345 UNUSABLE. 1510301952-1604271952EST.

FDC 5/5947 ZMP WI..ROUTE ZMP ZAU. V7 FALLS (FAH) VOR/DME, WI TO MURRI, WI NA. V7 MURRI, WI TO GREEN BAY (GRB) VORTAC, WI CHANGEOVER POINT GRB R-161 AT 42 NM. MEA 3000. FAH VOR/DME R-345 UNUSABLE. 1510301952-1604271952EST.

FDC 5/5943 ZMP WI..ROUTE ZMP ZAU. V7 FALLS (FAH) VOR/DME, WI TO MURRI, WI NA. V7 MURRI, WI TO GREEN BAY (GRB) VORTAC, WI CHANGEOVER POINT GRB R-161 AT 42 NM. MEA 3000. FAH VOR/DME R-345 UNUSABLE. 1510301952-1604271952EST.

FDC 5/1598 ZMP WI..ROUTE ZMP ZAU. V7 FALLS (FAH) VOR/DME, WI TO MURRI, WI NA. V7 MURRI, WI TO GREEN BAY (GRB) VORTAC, WI CHANGEOVER POINT GRB R-161 AT 42 NM. MEA 3000. FAH VOR/DME R-345 UNUSABLE. 1504231226-1510201226EST.

FDC 5/1077 ZMP MI..ROUTE ZMP. V609, V78 BANJO, MI TO ZABLE, MI MEA 6000. V609, V78 ZABLE, MI MCA 6000 SOUTHBOUND. V609, V78 BANJO, MI MCA 6000 NORTHBOUND. 1510051808-1604021808EST.

FDC 5/1059 ZMP MN..ROUTE ZMP. V413 DAYLE, MN TO BRAINERD (BRD) VORTAC, MN MEA 7000. BRD R-171 UNUSABLE BLO 7000. V413 DAYLE, MN MCA 7000 NORTHBOUND. 1510051805-1604021803EST.

FDC 5/1037 ZMP MN..ROUTE ZMP. V161, V82 BRAINERD (BRD) VORTAC, MN TO GOLLF, MN MEA 7000. V161, V82 GOLLF, MN TO GOPHER (GEP) VORTAC, MN MEA 3000. BRD R-156 UNUSABLE BLO 7000. V161, V82 GOLLF, MN MCA 7000 NORTHBOUND. 1510051759-1604021758EST.

NEW YORK ARTCC

FDC 5/5431 ZNY VA..ROUTE ZNY ZDC. J227 ARMEL (AML) VOR/DME, VA R-009 UNUSABLE BEYOND 74NM. 1509041420-1603021420EST.

FDC 5/5429 ZNY VA..ROUTE ZNY ZDC. J220 ARMEL (AML) VOR/DME, VA R-009 UNUSABLE BEYOND 74NM. 1509041410-1603021410EST.

FDC 5/3433 ZNY NY..ROUTE ZNY. V428 ELMIRA (ULW) VOR/DME, NY TO ITHACA (ITH) VOR/DME, NY ULW R-058 UNUSABLE BLO 10000. USE ITH R-236. 1510271551-1604241551EST.

FDC 5/3430 ZNY NY..ROUTE ZNY. V270 ELMIRA (ULW) VOR/DME, NY TO BINGHAMTON (CFB) VORTAC, NY ULW R-096 UNUSABLE BLO 10000. USE CFB R-275. 1510271548-1604241548EST.

FDC 5/3404 ZNY NY..ROUTE ZNY. V542 ELMIRA (ULW) VOR/DME, NY TO BINGHAMTON (CFB) VORTAC, NY ULW R-096 UNUSABLE BLO 10000. USE CFB R-275. 1510271546-1604241546EST.

FDC 5/3398 ZNY NY..ROUTE ZNY. V35 ELMIRA (ULW) VOR/DME, NY TO STONYFORK (SFK) VOR/DME, PA ULW R-229 UNUSABLE BLO 10000. USE SFK R-044. 1510271543-1604241543EST.

FDC 5/3347 ZNY PA..ROUTE ZNY ZOB. V542 CAFKI, PA TO ELMIRA (ULW) VOR/DME, NY MEA 10000. 1510271505-1604241505EST.

FDC 5/3345 ZNY NY..ROUTE ZNY ZOB. V270 WOMAN, NY TO ELMIRA (ULW) VOR/DME, NY MEA 10000. 1510271500-1604241500EST.

FDC 5/3343 ZNY NY..ROUTE ZNY ZOB. V31 ELMIRA (ULW) VOR/DME, NY TO BEEPS, NY MEA 10000. 1510271454-1604241454EST.

FDC 5/3313 ZNY NY..ROUTE ZNY ZOB. V36 BURST, NY TO ELMIRA (ULW) VOR/DME, NY MEA 10000. 1510271438-1604241438EST.

FDC 5/3299 ZNY NY..ROUTE ZNY. V147 ELMIRA (ULW) VOR/DME, NY TO COP ULW R-141 MEA 10000. 1510271429-1604241429EST.

FDC 5/3256 ZNY NY..ROUTE ZNY. V35 ELMIRA (ULW) VOR/DME, NY TO COP ULW R-041 MEA 10000. 1510271424-1604241424EST.

FDC 5/3240 ZNY NY..ROUTE ZNY ZOB. V147 ROCHESTER (ROC) VOR/DME, NY TO COP ULW R-337 MEA 10000. 1510271421-1604241421EST.

FDC 5/3113 ZNY PA..ROUTE ZNY. V12, V162 HARRISBURG (HAR) VORTAC, PA TO BOBSS, PA NA. V12 HARRISBURG (HAR) VORTAC, PA TO KUPPS, PA NA. HAR VOR R-097 - R-107 UNUSABLE BYD 10NM. 1510271327-1604241327EST.

FDC 5/1910 ZNY NY..ROUTE ZNY ZOB. V270 WOMAN, NY TO ELMIRA (ULW) VOR/DME, NY MEA 10000. 1511121533-1605101533EST.

FDC 5/1894 ZNY NY..ROUTE ZNY ZOB. V36 BURST, NY TO ELMIRA (ULW) VOR/DME, NY MEA 10000. 1511121530-1605101530EST.

FDC 5/1892 ZNY NY..ROUTE ZNY ZOB. V147 ROCHESTER (ROC) VOR/DME, NY TO COP ULW R-337 MEA 10000. 1511121529-1605101529EST.

FDC 5/1781 ZNY ROUTE ZNY. V3, V419 HARRS, PA MRA 5000. 1511121428-1605041428EST.

FDC 5/1777 ZNY ROUTE ZNY. V30, V405 LANNA, NJ MRA 5000. 1511121424-1605041424EST.

FDC 5/1618 ZNY ROUTE ZNY. V3, V419 BIGGY, NJ MRA 5000. 1511121338-1605101338EST.

OAKLAND ARTCC

FDC 5/8714 ZOA ROUTE ZOA ZSE. V195 FORTUNA (FOT) VORTAC, CA TO RED BLUFF (RBL) VORTAC, CA CHANGE OVER POINT FOT 40 NM. 1510191326-1604161326EST.

FDC 5/4192 ZOA CA..ROUTE ZOA. V113, V28 KATSO, CA TO SPOOK, CA MEA 15000, MOCA 10500. 1507311449-1601271449EST.

SALT LAKE CITY ARTCC

FDC 5/1747 ZLC NV..ROUTE ZLC. J523 ELY (ELY) VOR/DME, NV R-114 UNUSABLE BYD 20NM. 1508121941-1602081941EST.

SEATTLE ARTCC

FDC 5/9022 ZSE ROUTE ZSE. V204 PASCO (PSC) VOR/DME, WA TO PAIDS, WA MCA 6000 WESTBOUND. 1508261143-1602221143EST.

FDC 5/8788 ZSE WA..ROUTE ZSE. V4 SEATTLE (SEA) VORTAC, WA R-104 TO YAKIMA (YKM) VORTAC, WA R-284 MRA AT BLAKO 8500. 1511051915-1605031907EST.

FDC 5/8713 ZSE ROUTE ZSE ZOA. V195 FORTUNA (FOT) VORTAC, CA TO RED BLUFF (RBL) VORTAC, CA CHANGE OVER POINT FOT 40 NM. 1510191326-1604161326EST.

FDC 5/4372 ZSE OR..ROUTE ZSE. V121 NORTH BEND (OTH) VORTAC, OR R-093 TO ROSEBURG (RBG) VOR/DME, OR MEA 6000. OTH VOR. 1509221449-1603201449EST.

FDC 5/0374 ZSE WA..ROUTE ZSE. V187 ORTIN, WA TO MCCORD (TCM) VORTAC, WA MEA 8000. 1506011642-1511281642EST.

WASHINGTON ARTCC

FDC 5/8708 ZDC MD..AIRSPACE NEW COLLEGE PARK, MD LASER RESEARCH WILL BE CONDUCTED AT NEW COLLEGE PARK, MD, 385710N/0765010W, OR THE NOTTINGHAM /OTT/ VORTAC 354 DEGREE RADIAL AT 45.4.1 NAUTICAL MILES. EFFECTIVE: 1509120001 UTC UNTIL 1609120001 UTC AT AN ANGLE OF 90 DEGREES, FROM THE SURFACE, PROJECTING UP TO 100FT AGL AVOID AIRBORNE HAZARD BY 5 NAUTICAL MILES. THIS BEAM IS INJURIOUS TO PILOTS /AIRCREWS AND PASSENGERS EYES. POTOMAC /PCT/ TRACON TELEPHONE 540-349-7586 IS THE FAA COORDINATION FACILITY. 1509120001-1609120001.

FDC 5/5610 ZDC SC..ROUTE ZDC ZJX. V1 INLET, SC TO WALLO, NC NA. 1510301427-1604271427EST.

FDC 5/5430 ZDC VA..ROUTE ZDC ZNY. J227 ARMEL (AML) VOR/DME, VA R-009 UNUSEABLE BEYOND 74NM. 1509041420-1603021420EST.

FDC 5/5428 ZDC VA..ROUTE ZDC ZNY. J220 ARMEL (AML) VOR/DME, VA R-009 UNUSEABLE BEYOND 74NM. 1509041410-1603021410EST.

FDC 5/3447 ZDC AL..ROUTE ZDC ZTL ZHU. Q64 CATLN, AL TO TAR RIVER (TYI) VORTAC, NC NA. 1510271618-1604201618EST.

FDC 5/3443 ZDC ROUTE ZDC ZTL. Q60 SPARTANBURG (SPA) VORTAC, SC TO JAXSN, VA NA. 1510271610-1604201610EST.

FDC 5/3437 ZDC ROUTE ZDC ZTL. Q58 KELLN, SC TO PEETT, NC NA. 1510271603-1604201603EST.

FDC 5/3424 ZDC NC..ROUTE ZDC. V213 WILMINGTON (ILM) VORTAC, NC TO WALLO, NC NA. 1506041934-1512011934EST.

FDC 5/3372 ZDC ROUTE ZDC ZTL ZHU. Q56 CATLN, AL TO KIWH, VA NA. 1510271524-1604201524EST.

FDC 5/3363 ZDC ROUTE ZDC ZTL. Q54 GREENWOOD (GRD) VORTAC, SC TO NUTZE, NC NA. 1510271518-1604201518EST.

FDC 5/3180 ZDC ROUTE ZDC ZTL ZHU. Q22 CATLN, AL TO BEARI, VA NA. 1510271352-1604121352EST.

FDC 5/2948 ZDC ROUTE ZDC. V70 WILMINGTON (ILM) VORTAC, NC TO BEULA, NC NA. 1510271153-1605241153EST.

FDC 5/2946 ZDC NC..ROUTE ZDC ZJX. V139 MOKKA, NC TO WILMINGTON (ILM) VORTAC, NC NA. 1510271151-1605241151EST.

FDC 5/2939 ZDC NC..ROUTE ZDC ZJX. V139 MOKKA, NC TO WILMINGTON (ILM) VORTAC, NC NA. 1510271150-1605241150EST.

FDC 5/2937 ZDC NC..ROUTE ZDC. V296 RAPVY, NC TO WILMINGTON (ILM) VORTAC, NC NA. 1510271148-1605241148EST.

FDC 5/0397 ZDC NC..ROUTE ZDC. V56 WALLO, NC TO FONPO, NC NA. 1508271408-1602231408EST.

Part 1. FDC NOTAMs

Section 2. Airport, Facility and Procedural NOTAMs



Shaded text indicates new or revised NOTAMs.

Section 2

Content Criteria

All public use airports have distant NOTAM distribution.

Airport Data:	Abandonments (If currently listed in Airport/Facility Directory) Openings Closings
Airport Operating Restrictions:	ARFF ACR
Runway Data: (Hard Surface Only).	Openings Closings Commissionings Permanent Closures Ident Changes Length Width Surface Composition Changes Displaced Thresholds (Implementation and Changes)
Runway Edge Light Systems	Commissionings Changes Outages (with effective dates) Pilot Control (Commissionings/Decommissionings, Outages (with effective dates))
Approach Light Systems	Commissionings Changes Decommissionings Outages (with effective dates) Pilot Control (Commissionings/Decommissionings, Outages (with effective dates))

NAVAIDS, COMMUNICATIONS, OTHER SERVICES

Navigational Facilities	Commissionings (including Ident and Frequency) Decommissionings (including Ident and Frequency) Frequency changes Changes in monitoring facility and/or status Restrictions Outages (with effective dates)
Airport Traffic Control Towers	Commissionings (including frequencies) Hours of operation Decommissionings
Flight Service Stations	Commissionings Decommissionings Hours of operation Commissionings/Decommissionings of RCOs Changes in monitoring status of RCOs Outages of RCOs (with effective dates)
Weather	AWOS (system and frequency)

Section 2. AIRPORTS / FACILITIES / & PROCEDURAL NOTAMS

ALABAMA

ANDALUSIA/OPP

South Alabama Rgnl At Bill Benton Field

FDC 5/1901 79J IAP SOUTH ALABAMA RGNL AT BILL BENTON FIELD, ANDALUSIA/OPP, AL. RNAV (GPS) RWY 11, AMDT 2A...CHANGE UNCOMPENSATED BARO-VNAV NOTE TO READ: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 11, AMDT 2B. 1509162015-PERM.

FDC 5/1900 79J IAP SOUTH ALABAMA RGNL AT BILL BENTON FIELD, ANDALUSIA/OPP, AL. RNAV (GPS) RWY 29, AMDT 2A...CHANGE UNCOMPENSATED BARO-VNAV NOTE TO READ: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 29, AMDT 2B. 1509162015-PERM.

ANNISTON

Anniston Rgnl

FDC 5/8083 ANB ODP ANNISTON RGNL, ANNISTON, AL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 6A...TAKEOFF MINIMUMS: RWY 5, STANDARD WITH MINIMUM CLIMB OF 225 FEET PER NM TO 1300. 1509301319-1603281319EST.

ATMORE

Atmore Muni

FDC 5/3027 0R1 IAP ATMORE MUNI, ATMORE, AL. RNAV (GPS) RWY 36, AMDT 1A...NOTE: DESCENT ANGLE 3.00/TCH 40 NA. 1507091730-1601051730EST.

AUBURN

Auburn University Rgnl

FDC 5/8201 AUO IAP AUBURN UNIVERSITY RGNL, AUBURN, AL. ILS OR LOC RWY 36, AMDT 2A...MISSED APPROACH: CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 3000 DIRECT LGC VORTAC AND HOLD, CSG VORTAC OUT OF SERVICE. 1508061214-1602021214EST.

BIRMINGHAM

Birmingham-Shuttlesworth Intl

FDC 5/7328 BHM IAP BIRMINGHAM-SHUTTLESWORTH INTL, BIRMINGHAM, AL. RNAV (GPS) RWY 36, AMDT 1A...CHART NOTE: NIGHT LANDING: RWY 36 NA. THIS IS RNAV (GPS) RWY 36, AMDT 1B. 1510151405-PERM.

FDC 5/6900 BHM IAP BIRMINGHAM-SHUTTLESWORTH INTL, BIRMINGHAM, AL. RNAV (RNP) Z RWY 24, ORIG-A...RNAV (RNP) Z RWY 6, ORIG-A...DISREGARD NOTE: NA WHEN LOCAL WEATHER NOT AVAILABLE. 1506262048-1512232048EST.

FDC 5/6899 BHM IAP BIRMINGHAM-SHUTTLESWORTH INTL, BIRMINGHAM, AL. RNAV (GPS) Y RWY 6, AMDT 1A...ALTERNATE MINS STANDARD EXCEPT: CAT D 900-2 1/4. 1506262048-1512232048EST.

FDC 5/3008 BHM IAP BIRMINGHAM-SHUTTLESWORTH INTL, BIRMINGHAM, AL. RNAV (RNP) Z RWY 24, ORIG-A...CHANGE TERMINAL ROUTE TO READ: SPATT (IF) TO HUKEV MINIMUM ALTITUDE 2700. 1506041535-1512011535EST.

FDC 5/2987 BHM IAP BIRMINGHAM-SHUTTLESWORTH INTL, BIRMINGHAM, AL. RNAV (RNP) Z RWY 6, ORIG-A...RNP 0.30 DA 1138 HAT 532. CHANGE TERMINAL ROUTE TO READ AYUCE (IF) TO CEWFA 196/2.5. CHANGE BARO-VNAV NOTE TO READ: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -8C (17F) OR ABOVE 47C (117F). 1506041524-1512011524EST.

BREWTON

Brewton Muni

FDC 5/7451 12J IAP BREWTON MUNI, BREWTON, AL. RNAV (GPS) RWY 24, ORIG...LNAV CAT D VIS 1 1/4. DELETE NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: STRAIGHT-IN MINIMUMS NA AT NIGHT. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. 34:1 IS CLEAR. THIS IS RNAV (GPS) RWY 24, ORIG-A. 1511031911-PERM.

FDC 5/7450 12J IAP BREWTON MUNI, BREWTON, AL. RNAV (GPS) RWY 6, ORIG...LNAV CAT C/D VIS 1 3/8. CHART NOTE: STRAIGHT-IN MINIMUMS NA AT NIGHT. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. 34:1 IS CLEAR. THIS IS RNAV (GPS) RWY 6, ORIG-A. 1511031909-PERM.

FDC 5/6750 12J IAP BREWTON MUNI, BREWTON, AL. VOR/DME RWY 30, AMDT 8...PROCEDURE NA. 1506261734-1512231734EST.

FDC 5/6373 12J IAP BREWTON MUNI, BREWTON, AL. RNAV (GPS) RWY 12, ORIG...LNAV MDA 780/HAT 689 ALL CATS. VIS CAT C/D 2. LNAV/VNAV DA 900/HAT 818 ALL CATS. VIS 3. CIRCLING CAT A/B MDA 780/HAA 681, CAT C MDA 820/HAA 721, CAT D MDA 860/HAA 761. VIS CAT C 2, CAT D 2 1/2. VDP NA. TEMPORARY CRANE 462 MSL 2.37 NM NW OF RWY 12. 1508201906-1602161906EST.

FDC 5/6372 12J ODP BREWTON MUNI, BREWTON, AL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...TAKE-OFF MINIMUMS: RWY 30, 400-3 OR STANDARD WITH MINIMUM CLIMB OF 245 FT PER NM TO 700. NOTE: RWY 30, TEMPORARY CRANE 14231 FT FROM DER, 2216 FT RIGHT OF CENTERLINE, 360 FT AGL/462 FT MSL.. ALL OTHER DATA REMAINS AS PUBLISHED. 1508201906-1602161906EST.

BRIDGEPORT

North Jackson Nursing Home

FDC 5/1741 10AL SPECIAL NORTH JACKSON NURSING HOME, BRIDGEPORT, AL. COPTER RNAV 244, ORIG...IFR DEPARTURE NA. 15110061822-1605131822EST.

BUTLER

Butler-Choctaw County

FDC 5/9891 09A ODP BUTLER-CHOCTAW COUNTY, BUTLER, AL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...DEPARTURE PROCEDURE TAKEOFF MINIMUMS: RWY 29, 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 255 FEET PER NM TO 400. NOTE: TREES 5641 FEET FROM DER, 1467 FEET RIGHT OF CENTERLINE, UP TO 89 FEET AGL/298 FEET MSL. TREES 6072 FEET FROM DER, 713 FT RIGHT OF CENTERLINE, UP TO 97 FEET AGL/306 FEET MSL. TREES 1.1 NM FROM DER, 2161 FEET RIGHT OF CENTERLINE, UP TO 83 AGL/292 FEET MSL.. ALL OTHER DATA REMAINS AS PUBLISHED. 1508261952-1602221952EST.

FDC 5/7770 09A IAP BUTLER-CHOCTAW COUNTY, BUTLER, AL. RNAV (GPS) RWY 29, ORIG...PROCEDURE NA. 1509292015-1603272015EST.

FDC 5/6798 09A IAP BUTLER-CHOCTAW COUNTY, BUTLER, AL. RNAV (GPS) RWY 11, ORIG...PROCEDURE NA. 1508041928-1601311928EST.

COURTLAND

Courtland

FDC 5/0543 9A4 ODP COURTLAND, COURTLAND, AL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...DEPARTURE PROCEDURE CHANGE ALL REFERENCES FROM RWY 17/35 TO RWY 18/36. ALL OTHER DATA REMAINS AS PUBLISHED. 1509151218-1604261217EST.

DECATUR

Pryor Field Rgnl

FDC 5/2401 DCU IAP PRYOR FIELD RGNL, DECATUR, AL. VOR RWY 18, AMDT 13A...DEDOC FIX MINIMUMS: DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 1510261233-1604231233EST.

DEMOPOLIS

Demopolis Rgnl

FDC 5/8630 DYA IAP DEMOPOLIS RGNL, DEMOPOLIS, AL. RNAV (GPS) RWY 22, ORIG-A...NOTE: DESCENT ANGLE 3.05/TCH 43 NA. VDP NA.. 1508061551-1602021551EST.

FDC 5/8478 DYA IAP DEMOPOLIS RGNL, DEMOPOLIS, AL. RNAV (GPS) RWY 4, ORIG-A...NOTE: DESCENT ANGLE 3.05/TCH 43 NA.. 1508061504-1602021504EST.

DOTHAN

Dothan Rgnl

FDC 5/3342 DHN CHART DOTHAN RGNL, DOTHAN, AL. RNAV (GPS) RWY 32, AMDT 1A...RNAV (GPS) RWY 36, AMDT 1B...CORRECT PLANVIEW: CHANGE MISSED APPROACH HOLDING COURSE INBOUND AND OUTBOUND AT HAVSO REPORTING POINT TO READ 199 AND 019 INSTEAD OF 200 AND 020. 1510271453-PERM.

EVERGREEN

Middleton Field

FDC 5/3202 GZH IAP MIDDLETON FIELD, EVERGREEN, AL. VOR/DME RWY 10, AMDT 3...NOTE: NIGHT LANDING: RWY 10 NA.. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.. 1510271402-1606071402EST.

FORT PAYNE

Dekalb Rgnl Medical Center

FDC 5/1743 0AL4 SPECIAL DEKALB RGNL MEDICAL CENTER, FORT PAYNE, AL. COPTER RNAV 203, ORIG...IFR DEPARTURE NA. 1510061824-1605131824EST.

FDC 1/2867 0AL4 FI/T SPECIAL BAPTIST MEDICAL CENTER, FORT PAYNE, AL. (SPECIAL) COPTER RNAV 203, ORIG.MISSED APPROACH: CLIMBING RIGHT TURN TO 4000 DIRECT XOLEW WP AND HOLD.

GUNTERSVILLE

Guntersville Muni - Joe Starnes Field

FDC 5/0228 8A1 IAP GUNTERSVILLE MUNI - JOE STARNES FIELD, GUNTERSVILLE, AL. GPS-A, ORIG...PROCEDURE NA. 1506172246-1512142246EST.

LANETT

Lanett Muni

FDC 5/9455 7A3 IAP LANETT MUNI, LANETT, AL. VOR/DME OR GPS-A, AMDT 2A...CIRCLING CAT B MDA 1260/HAA 636. TOWER 860 MSL 1.40 NM NE OF RWY 26. 1509111810-1603091810EST.

FDC 5/8194 7A3 IAP LANETT MUNI, LANETT, AL. VOR/DME OR GPS-A, AMDT 2A...VOR/DME PORTION NA. CSG VOR OUT OF SERVICE, CSG VORTAC OUT OF SERVICE. 1508061211-1602021211EST.

MONTGOMERY

Montgomery Rgnl (Dannelly Field)

FDC 5/0649 MGM IAP U.S. DOD MONTGOMERY RGNL (DANNELLY FIELD), MONTGOMERY, AL. HI ILS OR LOC RWY 10, AMDT 9A...CHART CIRCLING ICON. 1511101317-1605081316EST.

OZARK

Blackwell Field

FDC 5/1353 71J ODP BLACKWELL FIELD, OZARK, AL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...NOTE: RWY 31, TRANSMISSION LINE 146 FT FROM DER, 454 FT LEFT OF CENTERLINE, 52 FT AGL/423 FT MSL. TRANSMISSION LINE 336 FT FROM DER, 480 FT LEFT OF CENTERLINE, 57 FT AGL/427 FT MSL. 1506191404-1512161404EST.

PRATTVILLE

Prattville - Grouby Field

FDC 5/8103 1A9 IAP PRATTVILLE - GROUBY FIELD, PRATTVILLE, AL. RNAV (GPS) RWY 9, AMDT 2D...DESCENT ANGLE 3.00/TCH 40 NA. 1509301349-1604181347EST.

FDC 5/7474 1A9 ODP PRATTVILLE - GROUBY FIELD, PRATTVILLE, . TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TAKEOFF MINIMUMS: RWY 27, 400-2 1/2. ALL OTHER DATA REMAINS AS PUBLISHED. 1510151553-1604121553EST.

SCOTTSBORO

Jackson County Hospital

FDC 5/1746 03AL SPECIAL JACKSON COUNTY HOSPITAL, SCOTTSBORO, AL. COPTER RNAV 249, ORIG...IFR DEPARTURE NA. 1510061825-1605131825EST.

Scottsboro Muni-Word Field

FDC 5/9302 4A6 IAP SCOTTSBORO MUNI-WORD FIELD, SCOTTSBORO, AL. RNAV (GPS) RWY 22, ORIG...DESCENT ANGLE 3.05/TCH 40 NA.. 1509111514-1603091514EST.

FDC 5/9301 4A6 IAP SCOTTSBORO MUNI-WORD FIELD, SCOTTSBORO, AL. RNAV (GPS) RWY 4, ORIG...DESCENT ANGLE 3.05/TCH 40 NA.. 1509111514-1603091514EST.

TROY

Troy Muni Airport At N Kenneth Campbell Field

FDC 5/4857 TOI IAP TROY MUNI AIRPORT AT N KENNETH CAMPBELL FIELD, TROY, AL. ILS OR LOC RWY 7, AMDT 10...TERMINAL ROUTE MAKEY INT/I-TOI 12.8/RADAR TO BLOOD NDB/I-TOI 5.5 DME/RADAR: CHANGE COURSE FROM 074 TO 073 INBOUND. 1506081504-1512051504EST.

TUSCALOOSA

Tuscaloosa Rgnl

FDC 5/5344 TCL IAP TUSCALOOSA RGNL, TUSCALOOSA, AL. ILS OR LOC RWY 4, AMDT 14F...RADAR OR ADF REQUIRED FOR PROCEDURE ENTRY EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. MISSED APPROACH: CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 2500 DIRECT OKW VORTAC AND HOLD, LDK VOR OUT OF SERVICE. 1510131550-1604101550EST.

FDC 5/5341 TCL IAP TUSCALOOSA RGNL, TUSCALOOSA, AL. VOR OR TACAN RWY 22, AMDT 14E...VOR OR TACAN RWY 4, AMDT 11D...VOR PORTION NA, LDK VOR OUT OF SERVICE. 1510131550-1604101550EST.

FDC 5/0033 TCL IAP TUSCALOOSA RGNL, TUSCALOOSA, AL. RNAV (GPS) RWY 30, ORIG-B...DESCENT ANGLE 3.04/58 NA. 1508262117-1602222116EST.

FDC 5/0031 TCL ODP TUSCALOOSA RGNL, TUSCALOOSA, AL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2A...NOTE: RWY 30, ANTENNA 3961 FT FROM DER, 1118 FT LEFT OF CENTERLINE, 139 FT AGL/301 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1508262116-1602222115EST.

VERNON

Lamar County

FDC 5/5253 M55 IAP LAMAR COUNTY, VERNON, AL. RNAV (GPS) RWY 35, ORIG...DESCENT ANGLE 3.04/TCH 40 NA. 1508031854-1601301854EST.

WETUMPKA

Wetumpka Muni

FDC 5/6779 08A IAP WETUMPKA MUNI, WETUMPKA, AL. RNAV (GPS) RWY 27, ORIG...PROCEDURE NA AT NIGHT. CHANGE HELICOPTER RESTRICTION NOTE TO READ: VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1508041904-1601311904EST.

FDC 5/6777 08A IAP WETUMPKA MUNI, WETUMPKA, AL. VOR-A, AMDT 2...PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1508041902-1601311902EST.

FDC 5/6772 08A IAP WETUMPKA MUNI, WETUMPKA, AL. RNAV (GPS) RWY 9, ORIG...PROCEDURE NA AT NIGHT. CHANGE HELICOPTER RESTRICTION NOTE TO READ: VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1508041900-1601311900EST.

ALASKA

ADAK ISLAND

Adak

FDC 5/8897 ADK SPECIAL ADAK, ADAK ISLAND, AK. ILS OR LOC/DME RWY 23, AMDT 2...S-ILS 23 NA. 1506161232-1512131232EST.

FDC 5/4072 ADK SID ADAK, ADAK ISLAND, AK. TTAUN TWO DEPARTURE (RNAV)...TAKE-OFF MINIMUMS: RWY 23, 800-3 WITH MINIMUM CLIMB OF 460 FEET PER NM TO 1600. ADD TAKE-OFF OBSTACLE: RWY 23, BUSH, 3767 FEET FROM DER, 142 FEET RIGHT OF CENTERLINE, 15 FEET AGL/310 FEET MSL. ALL OTHER DATA REMAINS THE SAME.. 1510281348-1604251348EST.

AMBLER

Ambler

FDC 5/4187 AFM IAP AMBLER, AMBLER, AK. NDB RWY 36, AMDT 2B...S-36 DME MINIMUMS MDA 880/HAT 588 ALL CATS, VISIBILITY CAT C 1 3/4. CIRCLING MDA 880/HAA 546 ALL CATS, VISIBILITY CAT C 1 3/4. CHANGE MISSED APPROACH INSTRUCTIONS TO READ: CLIMB TO 1300 THEN RIGHT CLIMBING TURN TO 3000 DIRECT AMF NDB AND HOLD, CONTINUE CLIMB IN HOLD TO 3000. ADD CHART NOTE: CIRCLING TO RWY 09/18/27 NA AT NIGHT.. 1507131441-1601091435EST.

ANCHORAGE

Elmendorf AFB

FDC 5/7562 EDF STAR ELMENDORF AIR FORCE BASE, ANCHORAGE, AK. DESKA FOUR ARRIVAL...NA. 1510151800-1610141800.

FDC 5/7557 EDF STAR ELMENDORF AIR FORCE BASE, ANCHORAGE, AK. MATSU FIVE ARRIVAL...NA. 1510151800-1610141800.

Merrill Field

FDC 5/7064 MRI ODP MERRILL FIELD, ANCHORAGE, AK. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1A...DEPARTURE PROCEDURE: CHANGE HOLDING PATTERN AT TED VOR/DME TO READ: (HOLD SW, LEFT TURNS, 068 INBOUND). ALL OTHER DATA REMAINS AS PUBLISHED.. THIS IS TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, AMDT 1B. 1510151119-PERM.

Ted Stevens Anchorage Intl

FDC 5/8034 ANC IAP TED STEVENS ANCHORAGE INTL, ANCHORAGE, . ILS RWY 15, AMDT 6B...S-ILS 15 RVR 4000 ALL CATS. HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NA. FOR INOPERATIVE ODALS, INCREASE ALL CATS VISIBILITY TO RVR 4500. 1510161542-1604131542EST.

FDC 5/7871 ANC STAR TED STEVEN ANCHORAGE INTERNATIONAL AIRPORT, ANCHORAGE AK. AMOTT NINE...NONDA TRANSITION: NOT AUTHORIZED. 1510152300-1610152300.

FDC 5/7777 ANC AK...AIRSPACE TED STEVENS INTERNATIONAL AIRPORT, ANCHORAGE, AK. THIS NOTAM REPLACED FDC 4/8471 EFFECTIVE: 1208272153-PERM. B-747-400, B-757, AND B-767, USING INERTIAL REFERENCE SYSTEM MAGVAR TABLES PRIOR TO 2005 EPOCH YEAR, ARE PROHIBITED FROM CONDUCTING ILS APPROACHES BELOW STANDARD CAT I WEATHER MINIMA AT ANCHORAGE INTERNATIONAL AIRPORT (PANC). AIRCRAFT OPERATORS MUST REVIEW THEIR EQUIPMENT AND PROVIDE POSITIVE CONFIRMATION TO THE CAPTAIN IF THEIR SPECIFIC AIRCRAFT MEETS THIS REQUIREMENT. ABSENT THIS REVIEW AND POSITIVE NOTIFICATION, ILS OPERATIONS BELOW STANDARD CAT I WEATHER MINIMA ARE PROHIBITED FOR THESE SERIES AIRCRAFT. THESE SERIES AIRCRAFT HAVE EXPERIENCED A SHIFT OF RUNWAY CENTERLINE PRESENTATION AND DEGRADED LOCALIZER TRACKING PERFORMANCE ON ILS APPROACHES. FOR FURTHER INFORMATION CONTACT NORTHWEST MOUNTAIN REGIONAL OPERATIONS CENTER AT 425-227-1389 OR 9-ANM-ROC@FAA.GOV, OR ALASKA REGIONAL OPERATIONS CENTER AT 907-271-5936 OR 9-AAL-DUTY-OFFICER@FAA.GOV. 1506112159-PERM.

FDC 5/7411 ANC IAP TED STEVENS ANCHORAGE INTL, ANCHORAGE, AK. RNAV (RNP) RWY 33, ORIG-A...DISREGARD NOTE: RADAR REQUIRED. PLANVIEW NOTE: RADAR REQUIRED. 1510151449-1604121449EST.

FDC 5/7410 ANC IAP TED STEVENS ANCHORAGE INTL, ANCHORAGE, AK. RNAV (RNP) Z RWY 7R, ORIG-A...DISREGARD PROFILE NOTE: RADAR REQUIRED. PLANVIEW NOTE: RADAR REQUIRED. 1510151449-1604121449EST.

BEAVER

Beaver

FDC 5/9413 WBQ IAP BEAVER, BEAVER, AK. RNAV (GPS) RWY 5, ORIG...NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1507231152-1601191152EST.

CHALKYITSIK

Chalkyitsik

FDC 5/9425 CIK IAP CHALKYITSIK, CHALKYITSIK, AK. RNAV (GPS) RWY 21, ORIG-A...RNAV (GPS) RWY 3, ORIG-A...LNAV MDA NA. 1506161859-1512131859EST.

COLD BAY

Cold Bay

FDC 5/3091 CDB IAP COLD BAY, COLD BAY, AK. HI ILS OR LOC/DME RWY 15, AMDT 3...ILS OR LOC/DME RWY 15, AMDT 18A...LOC/DME BC RWY 33, AMDT 10B...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, CDB VORTAC OUT OF SERVICE. 1511141249-1512141249EST.

FDC 5/2404 CDB IAP COLD BAY, COLD BAY, AK. VOR/DME OR TACAN-A, AMDT 4...TACAN PORTION NA, CDB TACAN AZIMUTH OUT OF SERVICE. 1511130122-1512120122EST.

FDC 5/2402 CDB IAP U.S. DOD COLD BAY, COLD BAY, AK. HI VOR/DME OR TACAN RWY 15, AMDT 4...TACAN PORTION NA, CDB TACAN AZIMUTH OUT OF SERVICE. 1511130122-1512120122EST.

COLDFOOT

Coldfoot

FDC 5/8239 CXF IAP COLDFOOT, COLDFOOT, AK. RNAV (GPS)-A, ORIG-B...DELETE NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: NIGHT LANDING: RWY 19 NA. THIS IS RNAV (GPS)-A ORIG-C. 1508251308-PERM.

FDC 5/8238 CXF IAP COLDFOOT, COLDFOOT, AK. RNAV (GPS) RWY 1, AMDT 1B...CHART NOTE: NIGHT LANDING: RWY 19 NA. DELETE NOTE: PROCEDURE NA AT NIGHT. THIS IS RNAV (GPS) RWY 1, AMDT 1C. 1508251308-PERM.

DEADHORSE

Central Pad

FDC 5/5499 AA03 SPECIAL CENTRAL PAD, DEADHORSE, AK. COPTER RNAV (GPS) 027, ORIG...PROCEDURE NA. 1509241331-1603221331EST.

Deadhorse

FDC 5/2881 SCC IAP DEADHORSE, DEADHORSE, AK. RNAV (RNP) Z RWY 23 ORIG-C.. PROC NA. 1511131830-1602102359.

DILLINGHAM

Dillingham

FDC 5/2229 DLG IAP DILLINGHAM, DILLINGHAM, AK. RNAV (GPS) RWY 19, AMDT 2D...DESCENT ANGLE: 3.00/TCH 51 NA. 1509171306-1603151306EST.

EEK

Eek

FDC 5/1470 EEK IAP EEK, EEK, AK. RNAV (GPS) RWY 17, ORIG-A...RNAV (GPS) RWY 35, ORIG-A...LNAV MINIMA NA. 1506031411-1511301411EST.

EGEGIK

Egegik

FDC 5/7960 EII IAP EGEKIK, EGEKIK, AK. RNAV (GPS) RWY 12, AMDT 1A...RNAV (GPS) RWY 30, AMDT 1A...CIRCLING MDA 620/ HAA 528 ALL CATS. TEMPORARY TOWER 266 MSL 1.45 NM NORTHEAST OF EII AIRPORT. 1509301238-1603281238EST.

FAIRBANKS

Eielson AFB

FDC 5/7563 EIL STAR EIELSON AIR FORCE BASE, FAIRBANKS, AK. FALCO FIVE ARRIVAL...NA. 1510151800-1610141800.

Fairbanks Intl

FDC 5/7779 FAI AK...AIRSPACE FAIRBANKS INTERNATIONAL AIRPORT, FAIRBANKS, AK. THIS NOTAM REPLACED FDC 4/8472 EFFECTIVE: 1208271820-PERM. B-747-400, B-757, AND B-767, USING INERTIAL REFERENCE SYSTEM MAGVAR TABLES PRIOR TO 2005 EPOCH YEAR, ARE PROHIBITED FROM CONDUCTING ILS APPROACHES BELOW STANDARD CAT I WEATHER MINIMA AT FAIRBANKS INTERNATIONAL AIRPORT (PAFA). AIRCRAFT OPERATORS MUST REVIEW THEIR EQUIPMENT AND PROVIDE POSITIVE CONFIRMATION TO THE CAPTAIN IF THEIR SPECIFIC AIRCRAFT MEETS THIS REQUIREMENT. ABSENT THIS REVIEW AND POSITIVE NOTIFICATION, ILS OPERATIONS BELOW STANDARD CAT I WEATHER MINIMA ARE PROHIBITED FOR THESE SERIES AIRCRAFT. THESE SERIES AIRCRAFT HAVE EXPERIENCED A SHIFT OF RUNWAY CENTERLINE PRESENTATION AND DEGRADED LOCALIZER TRACKING PERFORMANCE ON ILS APPROACHES. FOR FURTHER INFORMATION CONTACT NORTHWEST MOUNTAIN REGIONAL OPERATIONS CENTER AT 425-227-1389 OR 9-ANM-ROC@FAA.GOV, OR ALASKA REGIONAL OPERATIONS CENTER AT 907-271-5936 OR 9-AAL-DUTY-OFFICER@FAA.GOV. 1506112159-PERM.

FDC 5/7658 FAI IAP FAIRBANKS INTL, FAIRBANKS, AK. VOR/DME OR TACAN RWY 20R, ORIG...PROCEDURE NA. 1509291630-1603271630EST.

FDC 5/7046 FAI IAP FAIRBANKS INTL, FAIRBANKS, RNAV (RNP) Z RWY 20R, ORIG-A...RNAV (RNP) Z RWY 2L, ORIG-A...PROCEDURE NA. 1510151103-1604121103EST.

FDC 5/5174 FAI IAP FAIRBANKS INTL, FAIRBANKS, AK. ILS OR LOC RWY 20R, AMDT 24A...CHANGE HOSAN FIX MINIMUMS (DUAL VOR RECEIVERS OR DME REQUIRED) TO READ HOSAN FIX MINIMUMS (ADF OR DME REQUIRED). 1510292015-1604262015EST.

FORT YUKON

Fort Yukon

FDC 5/2239 FYU IAP FORT YUKON, FORT YUKON, AK. VOR/DME OR TACAN RWY 22, AMDT 3A...VOR/DME OR TACAN-A, AMDT 1...PROCEDURE NA. 1507290929-1601250929EST.

GALENA

Edward G Pitka Sr

FDC 5/7200 GAL IAP EDWARD G PITKA SR, GALENA, AK. RNAV (GPS) RWY 25, AMDT 2B...RNAV (GPS) RWY 7, AMDT 2A...STRAIGHT-IN MINIMUMS NA. 1507171840-1601131840EST.

GAMBELL

Gambell

FDC 5/3400 GAM IAP GAMBELL, GAMBELL, AK. RNAV (GPS) RWY 16, ORIG...CHANGE: THRE 29 TO TDZE 29.. THIS IS RNAV (GPS) RWY 16, ORIG-A. 1511161353-PERM.

GULKANA

Gulkana

FDC 5/4292 GKN IAP GULKANA, GULKANA, AK. VOR/DME RWY 33, ORIG...S-33: MDA 1980/HAT 434 ALL CATS. CAT C AND D VIS 1-1/4.. 1509021951-1602291951EST.

FDC 5/1879 GKN ODP GULKANA, GULKANA, AK. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 7...TEXTUAL DEPARTURE PROCEDURE THENCE...CLIMB IN HOLDING (GKN VOR/DME HOLD NW, RIGHT TURN, 143 DEGREES INBOUND), GLA NDB HOLD NW, RIGHT TURN, 143 DEGREES INBOUND) CROSS GKN VOR/DME AT OR ABOVE 4000 OR GLA NDB AT OR ABOVE 10000, EXCEPT EASTBOUND AIRCRAFT CROSS GLA NDB OR GKN VOR/DME AT OR ABOVE 11000. ALL OTHER DATA REMAINS AS PUBLISHED. 1506031816-1511301816EST.

HAINES

Haines

FDC 5/6880 HNS SPECIAL HAINES, HAINES, AK. GUMLE THREE DEPARTURE (RNAV)...MINIMUM HOLDING ALTITUDE AT GUMLE 4000. 1511021934-1604301934EST.

FDC 5/3419 HNS SPECIAL HAINES, HAINES, AK. RNAV (GPS) - A, AMDT 2...ADD NOTE: CIRCLING NA N OF RWY 8-26. 1506041928-1512011928EST.

HOOPER BAY

Hooper Bay

FDC 5/5248 HPB IAP HOOPER BAY, HOOPER BAY, AK. VOR/DME RWY 31, ORIG-B...ALTERNATE MINIMUMS NA, HPB VOR/DME UNMONITORED. 1511181828-1512181828EST.

JUNEAU

Juneau Intl

FDC 5/9024 JNU SID JUNEAU INTL, JUNEAU, AK. JUNEAU (OBSTACLE) FIVE DEPARTURE...LEVEL ISLAND TRANSITION,SUMNER STRAIT TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. ALL OTHER DATA REMAINS AS PUBLISHED. 1508261144-1602221144EST.

KIANA

Bob Baker Memorial

FDC 5/3593 IAN IAP BOB BAKER MEMORIAL, KIANA, AK. RNAV (GPS) RWY 24, ORIG-A...DISREGARD NOTE: PROCEDURE NA AT NIGHT. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SELAWIK ALTIMETER SETTING. 1510081504-1604051504EST.

FDC 5/2960 IAN IAP BOB BAKER MEMORIAL, KIANA, AK. RNAV (GPS) RWY 6, ORIG-A...CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 6 ORIG-B. 1508141650-PERM.

FDC 5/2959 IAN IAP BOB BAKER MEMORIAL, KIANA, AK. RNAV (GPS) RWY 24, ORIG...LNAV HAT 1831 ALL CATS. CIRCLING HAA 1829 ALL CATS. CHART TDZE 169. CHART FIELD ELEVATION 171. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 24 ORIG-A. 1508141650-PERM.

KING SALMON

King Salmon

FDC 5/4414 AKN IAP KING SALMON, KING SALMON, AK. ILS OR LOC/DME RWY 12, AMDT 18A...LOC/DME BC RWY 30, AMDT 5...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. AKN VORTAC OUT OF SERVICE. 1511172052-1511242052EST.

KIPNUK

Kipnuk

FDC 5/9101 IIK IAP KIPNUK, KIPNUK, AK. RNAV (GPS) RWY 15, ORIG...RNAV (GPS) RWY 33, ORIG...PROCEDURE NA. 1508261202-1602221201EST.

KLAWOCK

Klawock

FDC 5/9372 AKW SID KLAWOCK, KLAWOCK, AK. OWXUY ONE DEPARTURE...PROCEDURE NA 1507231140-1601191140EST.

KODIAK

Kodiak

FDC 5/7863 ADQ SPECIAL KODIAK, KODIAK, . VOR/DME RWY 25, ORIG...DO NOT FLY PROCEDURE WITH FMS NAVIGATION ENABLED, FLY USING ODK VOR/DME. ADD FOUR DEGREES TO ALL PUBLISHED HEADINGS, COURSES, BEARINGS AND RADIALS. CHANGE ALL REFERENCES FROM RWY 7/25 TO RWY 8/26 AND RWY 18/36 TO RWY 1/19. 1510152211-1604122211EST.

FDC 5/7862 ADQ SPECIAL KODIAK, KODIAK, . ILS OR LOC/DME Z RWY 25, AMDT 2...S-ILS 25 VISIBILITY 1 1/2 MILE ALL CATS. DO NOT FLY PROCEDURE WITH FMS NAVIGATION ENABLED, FLY USING ODK VOR/DME, ADQ LOC/DME AND RWO NDB. ADD FOUR DEGREES TO ALL PUBLISHED HEADINGS, COURSES, BEARINGS AND RADIALS. CHANGE ALL REFERENCES FROM RWY 7/25 TO RWY 8/26 AND RWY 18/36 TO RWY 1/19. 1510152211-1604122211EST.

FDC 5/7403 ADQ IAP KODIAK, KODIAK, AK. ILS Y OR LOC Y RWY 26, AMDT 3...S-ILS 26 HAT CATS A-C 604, CAT D 786. 1510151446-1604121446EST.

KOLIGANEK

Koliganek

FDC 5/9443 JZZ IAP KOLIGANEK, KOLIGANEK, AK. RNAV (GPS) RWY 9, AMDT 1...PROCEDURE NA. 1509111747-1603091747EST.

KOYUK

Koyuk Alfred Adams

FDC 5/8021 KKA IAP KOYUK ALFRED ADAMS, KOYUK, AK. NDB RWY 1, AMDT 1B...S-1 MDA 1040/HAT 878 ALL CATS. CIRCLING MDA 1040/HAA 878 ALL CATS. COKLU FIX MINIMUMS S-1 MDA 820/HAT 658 ALL CATS, CIRCLING MDA 820/HAA 658 ALL CATS. APT ELEV 162. TDZE 162. 1507211301-1601171301EST.

FDC 5/7162 KKA IAP KOYUK ALFRED ADAMS, KOYUK, AK. RNAV (GPS) RWY 1, ORIG...LNAV MDA 660/HAT 498 ALL CATS. CIRCLING CAT A MDA 680/HAA 518, CAT B MDA 780/HAA 618, CAT C MDA 940/HAA 778. APT ELEV 162. TDZE 162. 1507171646-1601131646EST.

FDC 5/1133 KKA IAP KOYUK ALFRED ADAMS, KOYUK, AK. NDB/DME RWY 1, AMDT 1B...PROCEDURE NA. 1510052035-1604022035EST.

KUPARUK

Ugnu-Kuparuk

FDC 5/6632 UBW SPECIAL UGNU-KUPARUK, KUPARUK, AK. RNAV (RNP) N RWY 24, ORIG...RNAV (RNP) N RWY 6, ORIG...PROCEDURE NA. 1506261553-1512231553EST.

KWETHLUK

Kwethluk

FDC 5/0310 KWT IAP KWETHLUK, KWETHLUK, AK. RNAV (GPS) RWY 36, ORIG-A...CIRCLING MDA CATS A AND B 680/HAA 655.. DISREGARD NOTE: NIGHT LANDING: RWY 36 CAT C AND D NA. 1506011617-1511281617EST.

FDC 5/0308 KWT IAP KWETHLUK, KWETHLUK, AK. RNAV (GPS) RWY 18, ORIG-A...LNAV MDA ALL CATS 620/HAA 595, LNAV CAT C VISIBILITY 1 3/4. CIRCLING MDA CATS A AND B 680/HAA 655. DISREGARD NOTE: NIGHT LANDING: RWY 36 CAT C AND D NA. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. 1506011617-1511281617EST.

MANOKOTAK

Manokotak

FDC 5/7727 MBA IAP MANOKOTAK, MANOKOTAK, AK. RNAV (GPS) RWY 21, ORIG...RNAV (GPS) RWY 3, ORIG...LNAV MINIMA NA CIRCLING CAT A MDA 540/HAA 433, CATS B/C/D MDA 820/HAA 713, VISIBILITY CAT C 2, CAT D 2 1/4. AIRPORT ELEVATION, 107. 1507201621-1601161621EST.

NAPAKIAK

Napakiak

FDC 5/4112 WNA IAP NAPAKIAK, NAPAKIAK, AK. RNAV (GPS) RWY 34, ORIG...CHART NOTE: PROCEDURE NA AT NIGHT FOR CAT C AND CAT D AIRCRAFT. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1SM NOT AUTHORIZED. DELETE NOTE: USE BETHEL ALTIMETER SETTING; WHEN NOT RECEIVED, PROCEDURE NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BETHEL ALTIMETER SETTING. CHART NAPAKIAK AWOS.. 1510281418-1604251418EST.

NONDALTON

Nondalton

FDC 5/4066 5NN IAP NONDALTON, NONDALTON, AK. RNAV (GPS) RWY 2, ORIG...DISREGARD NOTE: CIRCLING TO RWY 20 NA AT NIGHT. 1510281342-1604251342EST.

NULATO

Nulato

FDC 5/4501 NUL IAP NULATO, NULATO, AK. RNAV (GPS) RWY 20, ORIG-A...VDA 3.04/TCH 40 NA. 1510282144-1604252144EST.

PLATINUM

Platinum

FDC 5/5097 PTU ODP PLATINUM, PLATINUM, AK. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...DEPARTURE PROCEDURE RWY 32 NA. 1510291919-1604261919EST.

FDC 5/5096 PTU IAP PLATINUM, PLATINUM, AK. RNAV (GPS) RWY 14, AMDT 1A...LNAV MDA NA. 1510291919-1604261919EST.

POINT HOPE

Point Hope

FDC 5/6622 PHO IAP POINT HOPE, POINT HOPE, AK. NDB RWY 19, AMDT 2B...CHART CIRCLING ICON. THIS IS NDB RWY 19, AMDT 2C. 1509081554-PERM.

FDC 5/6615 PHO IAP POINT HOPE, POINT HOPE, AK. NDB RWY 1, AMDT 2B...CHART CIRCLING ICON. 34:1 NOT CLEAR. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS NDB RWY 1, AMDT 2C. 1509081552-PERM.

POINT LAY

Point Lay LRRS

FDC 5/5896 PIZ IAP POINT LAY LRRS, POINT LAY, AK. NDB RWY 5, AMDT 1...S-5 HAT 471 ALL CATS, CIRCLING HAA 471 ALL CATS. AIRPORT ELEV 29. TDZE 29. THIS IS NDB RWY 5, AMDT 1A. 1507151854-PERM.

FDC 5/5895 PIZ IAP POINT LAY LRRS, POINT LAY, AK. RNAV (GPS) RWY 5, AMDT 1...LNAV MDA 380/HAT 351 ALL CATS, VISIBILITY CAT C 1 1/4. CIRCLING CAT A MDA 440/HAA 411, CAT B/C HAA 451. TDZE 29, AIRPORT ELEV 29. THIS IS RNAV (GPS) RWY 5, AMDT 1A. 1507151854-PERM.

FDC 5/5848 PIZ IAP POINT LAY LRRS, POINT LAY, AK. RNAV (GPS) RWY 23, AMDT 1...LNAV ALL CATS HAT 376. CIRCLING CAT A MDA 440/HAA 411, CAT B/C HAA 451. AIRPORT ELEV 29. TDZE 24. THIS IS RNAV (GPS) RWY 23, AMDT 1A. 1507151851-PERM.

PROSPECT CREEK

Prospect Creek

FDC 5/2953 PPC IAP PROSPECT CREEK, PROSPECT CREEK, AK. NDB RWY 1, AMDT 1...PROCEDURE NA. 1508141644-1602101644EST.

SAND POINT

Sand Point

FDC 5/4081 SDP IAP SAND POINT, SAND POINT, AK. NDB RWY 13, AMDT 1...NDB/DME RWY 13, ORIG...NDB/DME RWY 31, ORIG...TERMINAL ROUTE: CUBPA, AK TO BORLAND (HBT) NDB, AK NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.. 1510281350-1604251350EST.

SCAMMON BAY

Scammon Bay

FDC 5/4065 SCM IAP SCAMMON BAY, SCAMMON BAY, AK. RNAV (GPS) RWY 28, AMDT 1A...PROCEDURE NA. 1509021720-1602291720EST.

SHUNGNAK

Shungnak

FDC 5/9105 SHG IAP SHUNGNAK, SHUNGNAK, AK. RNAV (GPS) RWY 27, AMDT 2A...RNAV (GPS) RWY 9, AMDT 2A...NIGHT LANDING RWY 27 NA. HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA.. 1508261205-1602221205EST.

FDC 5/1467 SHG IAP SHUNGNAK, SHUNGNAK, AK. RNAV (GPS) RWY 9, AMDT 2A...LNAV MINIMA NA. 1506031410-1511301410EST.

FDC 5/0337 SHG IAP SHUNGNAK, SHUNGNAK, AK. RNAV (GPS) RWY 27, AMDT 2A...NIGHT LANDING: RWY 27 NA. HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. 1506011640-1511281640EST.

SITKA

Sitka Rocky Gutierrez

FDC 5/1410 SIT SID SITKA ROCKY GUTIERREZ, SITKA, AK. BIORKA THREE DEPARTURE...SITKA NINE DEPARTURE...TAKEOFF CLIMB TO BKA VORTAC NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, BKA VOR OUT OF SERVICE 1511120125-1512110125EST.

FDC 5/1409 SIT IAP SITKA ROCKY GUTIERREZ, SITKA, AK. LDA/DME RWY 11, AMDT 15A...MISSED APPROACH: CLIMB TO 500 THEN CLIMBING RIGHT TURN TO 5500 ON HEADING 189 AND ON SIT NDB BRG-009 TO SIT NDB AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5500 (ADF REQUIRED), BKA VOR OUT OF SERVICE. 1511120125-1512110125EST.

SOLDOTNA

Soldotna

FDC 5/7525 SXQ IAP SOLDOTNA, SOLDOTNA, AK. VOR/DME-A, AMDT 7E...CHART CIRCLING ICON. THIS IS VOR/DME-A, AMDT 7F. 1506291850-PERM.

FDC 5/7524 SXQ IAP SOLDOTNA, SOLDOTNA, AK. NDB RWY 7, AMDT 2D...CIRCLING CAT D MDA 980/HAA 867, VIS CAT D 2 3/4. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE KENAI ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET, INCREASE CIRCLING CAT D VISIBILITY 1/4 MILE. CHART CIRCLING ICON. ALTERNATE MINIMUMS: STANDARD, EXCEPT CAT C 800 2 1/2, CAT D 900-2 3/4, NA WHEN LOCAL WEATHER NOT AVAILABLE. THIS IS NDB RWY 7, AMDT 2E. 1506291850-PERM.

FDC 5/7523 SXQ IAP SOLDOTNA, SOLDOTNA, AK. NDB RWY 25, AMDT 3C...CIRCLING CAT D MDA 980/HAA 867, VIS 2 3/4. JOSKI FIX MINIMUMS, CIRCLING CATS A/B/C MDA 860/HAA 747, CAT D MDA 980/HAA 867, VIS CAT C 2 1/4, CAT D 2 3/4. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE KENAI ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET, INCREASE CIRCLING CAT A AND D VISIBILITY 1/4 MILE; JOSKI FIX MINIMUMS INCREASE S-25 CATS C/D VISIBILITY 1/8 MILE; CIRCLING CAT D VISIBILITY 1/4 MILE. CHART CIRCLING ICON. ALTERNATE MINIMUMS: STANDARD, EXCEPT CAT C 800- 2 1/2, CAT D 900- 2 3/4, NA WHEN LOCAL WEATHER NOT AVAILABLE. THIS IS NDB RWY 25, AMDT 3D. 1506291850-PERM.

FDC 5/7522 SXQ IAP SOLDOTNA, SOLDOTNA, AK. RNAV (GPS) RWY 7, ORIG-D...CIRCLING CATS A/B/C MDA 860/HAA 747, CAT D MDA 980/HAA 867, VIS CAT C 2 1/4, CAT D 2 3/4. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE KENAI ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET, INCREASE CIRCLING CAT D VISIBILITY 1/4 MILE. CHART CIRCLING ICON. ALTERNATE MINIMUMS: STANDARD, EXCEPT CAT C 800-2 1/4, CAT D 900-2 3/4, NA WHEN LOCAL WEATHER NOT AVAILABLE. THIS IS RNAV (GPS) RWY 7 ORIG-E. 1506291850-PERM.

FDC 5/7521 SXQ IAP SOLDOTNA, SOLDOTNA, AK. RNAV (GPS) RWY 25, AMDT 1B...CIRCLING CATS A/B MDA 860/HAA 747, VIS CAT C 2 1/4. ALTERNATE MINIMUMS: STANDARD, EXCEPT CAT C 800 2 1/4, CAT D 900 2 3/4, NA WHEN LOCAL WEATHER NOT AVAILABLE. THIS IS RNAV (GPS) RWY 25, AMDT 1C. 1506291850-PERM.

ST GEORGE

St George

FDC 5/5466 PBV IAP ST GEORGE, ST GEORGE, AK. LOC/DME-C, ORIG-A...CIRCLING CATS A/B MDA 940/HAA 812. VISIBILITY CATS A/B 1 1/4. RADAR REQUIRED FOR PROCEDURE ENTRY EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 1506091410-1512061410EST.

ST MARY'S

St Mary's

FDC 5/4508 KSM IAP ST MARY S, ST MARY S, AK. RNAV (GPS) RWY 35, AMDT 2C...LPV DA 558/ HAT 250 ALL CATS. LNAV/VNAV DA 895/ HAT 587 ALL CATS. 1510282210-1604252210EST.

FDC 5/4110 KSM ODP ST MARY&APOS;S, ST MARY&APOS;S, AK. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...RWY 06, 500-1 1/2. RWY 17, 24, 35 200-1.. 1510281415-1604251415EST.

TALKEETNA

Talkeetna

FDC 5/8268 TKA ODP TALKEETNA, TALKEETNA, AK. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...RWY 18 NA - OBSTACLES. RWY 36, STANDARD WITH A MINIMUM CLIMB OF 265 FEET PER NM TO 1200. ALL OTHER DATA REMAINS AS PUBLISHED. 1510161954-1604131954EST.

FDC 5/8072 TKA IAP TALKEETNA, TALKEETNA, . VOR/DME RWY 36, AMDT 2...S-36 MDA NA. 1510161657-1604131657EST.

FDC 5/8070 TKA IAP TALKEETNA, TALKEETNA, . NDB RWY 36, AMDT 3A...S-36 MDA NA. 1510161657-1604131657EST.

FDC 5/8063 TKA IAP TALKEETNA, TALKEETNA, . RNAV (GPS) RWY 36, ORIG...LNAV MDA NA CIRCLING MDA 980/HAA 622 ALL CATS,. 1510161657-1604131657EST.

TANANA

Ralph M Calhoun Memorial

FDC 5/4075 TAL ODP RALPH M CALHOUN MEMORIAL, TANANA, AK. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TAKE-OFF MINIMUMS: RWY 25 - STANDARD WITH MINIMUM CLIMB OF 249 FEET PER NM TO 600, OR 1200- 2 1/2 FOR CLIMB IN VISUAL CONDITIONS. NOTE: TREE LOCATED 6581 FEET FROM DER, 2088 FEET RIGHT OF CENTERLINE, 440 FEET MSL/57 FEET AGL.. 1509021729-1602291729EST.

TOGIAK VILLAGE

Togiak

FDC 5/4988 TOG IAP TOGIAK, TOGIAK VILLAGE, AK. RNAV (GPS) RWY 21, ORIG-A...LNAV MDA 460/HAT 439 ALL CATS. VIS CAT C 1 1/4. VDP 0.8 NM TO FEKVU. 1506081843-1512051842EST.

TOK

Tok Junction

FDC 5/7136 6K8 IAP TOK JUNCTION, TOK, AK. RNAV (GPS) RWY 7, ORIG-A...LNAV HAT 857 ALL CATS. CIRCLING HAA 897 ALL CATS. CHART TDZE 1643. CHART AIRPORT ELEV 1643. THIS IS RNAV (GPS) RWY 7 ORIG-B. 1509281714-PERM.

FDC 5/7135 6K8 IAP TOK JUNCTION, TOK, AK. RNAV (GPS)-A, ORIG-A...CIRCLING HAA 937 ALL CATS. CHART AIRPORT ELEV 1643. THIS IS RNAV (GPS)-A ORIG-B. 1509281714-PERM.

UNALAKLEET

Unalakleet

FDC 5/3074 UNK IAP UNALAKLEET, UNALAKLEET, AK. RNAV (GPS) Y RWY 33, ORIG-B...LNAV MDA 600/HAT 575 ALL CATS. VISIBILITY CATS C/D 1 5/8. CIRCLING MDA 600/HAA 573 ALL CATS. VISIBILITY CAT C 1 5/8. 1506231844-1512201844EST.

FDC 5/2880 UNK IAP UNALAKLEET, UNALAKLEET, AK. RNAV (GPS) Z RWY 33, ORIG-A...CIRCLING CAT A MDA 400/HAA 373. 1506231414-1512201414EST.

WALES

Wales

FDC 5/2971 IWK IAP WALES, WALES, AK. RNAV (GPS) RWY 36, ORIG-A...LNAV HAT 1514 ALL CATS, CIRCLING HAA 1514 ALL CATS. TDZE 26. AIRPORT ELEVATION 26. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TIN CITY ALTIMETER SETTING. THIS IS RNAV (GPS) RWY 36 ORIG-B. 1508141717-PERM.

FDC 5/2969 IWK IAP WALES, WALES, AK. RNAV (GPS) RWY 18, ORIG-A...LNAV HAT 544 ALL CATS, CIRCLING HAA 544 ALL CATS. TDZE 26. AIRPORT ELEVATION 26. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TIN CITY ALTIMETER SETTING. THIS IS RNAV (GPS) RWY 18 ORIG-B. 1508141717-PERM.

WILLOW

Willow

FDC 5/0725 UO ODP WILLOW, WILLOW, AK. BIG LAKE ONE DEPARTURE (RNAV)...NOTE: RWY 31, T-L TOWER 1058 FEET FROM DER, 645 FEET RIGHT OF CENTERLINE, 39 FEET AGL/237 FEET MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1510051322-1604021322EST.

YAKUTAT

Yakutat

FDC 5/0637 YAK IAP YAKUTAT, YAKUTAT, AK. RNAV (GPS) RWY 2, AMDT 3A...DISREGARD NOTE: RWY 2 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT. 1508111244-1602071244EST.

ARIZONA

BULLHEAD CITY

Laughlin/Bullhead Intl

FDC 5/1998 IFP IAP LAUGHLIN/BULLHEAD INTL, BULLHEAD CITY, AZ. RNAV (GPS) RWY 16, AMDT 2...DESCENT ANGLE 3.00/TCH 46 NA...1510231748-1604201748EST.

CHANDLER

Chandler Muni

FDC 5/0284 CHD STAR CHANDLER MUNI AIRPORT, CHANDLER, AZ. JCOBS TWO ARRIVAL...PROCEDURE NA. 1510021730-1610021730.

CLIFTON/MORENCI

Greenlee County

FDC 5/0312 CFT IAP GREENLEE COUNTY, CLIFTON/MORENCI, AZ. RNAV (GPS)-A, ORIG...CIRCLING VISIBILITY CAT B 1 1/2. 1506011624-1511281624EST.

DOUGLAS BISBEE

Bisbee Douglas Intl

FDC 5/2232 DUG IAP BISBEE DOUGLAS INTL, DOUGLAS BISBEE, AZ. RNAV (GPS) RWY 17, ORIG...ADD PLANVIEW NOTE: MAXIMUM 210 KTS HOLDING AT DUG VORTAC.. 1509171308-1603151308EST.

FDC 5/2231 DUG IAP BISBEE DOUGLAS INTL, DOUGLAS BISBEE, AZ. VOR RWY 17, AMDT 3...ADD PLANVIEW NOTE: MAXIMUM 210 KTS HOLDING AT DUG VORTAC. 1509171308-1603151308EST.

FDC 5/2000 DUG IAP BISBEE DOUGLAS INTL, DOUGLAS BISBEE, AZ. RNAV (GPS) RWY 17, ORIG...VOR RWY 17, AMDT 3...VOR/DME RWY 17, AMDT 6...DISREGARD NOTE: CIRCLING TO RWY 8 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING TO RWY 26 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, STRIAIGHT-IN/CIRCLING RWY 17 NA AT NIGHT.. 1510231750-1604201750EST.

FLAGSTAFF

Flagstaff Pulliam

FDC 5/9071 FLG IAP FLAGSTAFF PULLIAM, FLAGSTAFF, AZ. RNAV (GPS) RWY 3, ORIG-A...ADD NOTE: STRAIGHT-IN MINIMUMS NA AT NIGHT. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. ADD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1508261159-1602221159EST.

FDC 5/4188 FLG IAP FLAGSTAFF PULLIAM, FLAGSTAFF, AZ. RNAV (GPS) Z RWY 21, ORIG...ADD NOTE: NIGHT LANDING: RWY 21, OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. ADD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1509021844-1602291844EST.

FDC 5/1994 FLG IAP FLAGSTAFF PULLIAM, FLAGSTAFF, AZ. RNAV (GPS)-B, ORIG...VOR-A, AMDT 4...ADD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED...1510231746-1604201746EST.

FORT HUACHUCA SIERRA VISTA

Sierra Vista Muni-Libby AAF

FDC 5/1454 FHU IAP U.S. DOD SIERRA VISTA MUNI-LIBBY AAF, FORT HUACHUCA SIERRA VISTA, AZ. RADAR 1, ORIG...DISREGARD NOTE: CIRCLING RWYS 12-21 NA AT NIGHT. 1506191722-1512161722EST.

FDC 5/1453 FHU IAP U.S. DOD SIERRA VISTA MUNI-LIBBY AAF, FORT HUACHUCA SIERRA VISTA, AZ. RADAR 2, ORIG-A...DISREGARD NOTE: CIRCLING RWYS 12-21 NA AT NIGHT. 1506191722-1512161722EST.

GLENDALE

Glendale Muni

FDC 5/0207 GEU STAR GLENDALE MUNI AIRPORT, GLENDALE, AZ. JCOBS TWO ARRIVAL...PROCEDURE NA. 1510021640-1610021640.

GLOBE

San Carlos Apache

FDC 5/9683 P13 IAP SAN CARLOS APACHE, GLOBE, AZ. GPS RWY 27, ORIG-A...VISUAL SEGMENT - OBSTACLES. 1510202319-1604172319EST.

GOODYEAR

Phoenix Goodyear

FDC 5/0216 GYR STAR PHOENIX GOODYEAR AIRPORT, GOODYEAR, AZ. JCOBS TWO ARRIVAL...PROCEDURE NA. 1510021640-1610021640.

GRAND CANYON

Grand Canyon National Park

FDC 5/4109 GCN IAP GRAND CANYON NATIONAL PARK, GRAND CANYON, AZ. ILS OR LOC/DME RWY 3, ORIG-B...S-ILS DA 6795/HAT 239 ALL CATS. 1510281411-1604251411EST.

FDC 5/3622 GCN ODP GRAND CANYON NATIONAL PARK, GRAND CANYON, AZ. GRAND TWO DEPARTURE...TAKE-OFF MINIMUMS: RWY 21, 200-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 309 FT PER NM TO 6800. ALL OTHER DATA REMAINS AS PUBLISHED. 1510271853-1604241853EST.

KAYENTA

Kayenta

FDC 5/7111 0V7 IAP KAYENTA, KAYENTA, AZ. RNAV (GPS) RWY 23, ORIG...CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA. 1509281651-1603261651EST.

KINGMAN

Kingman

FDC 5/5878 IGM ODP KINGMAN, KINGMAN, AZ. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...ADD NOTES: RWY 3, TERRAIN AND BUSH BEGINNING 171 FT FROM DER, 264 FT RIGHT OF CENTERLINE, UP TO 3402 FT MSL. RWY 17, TERRAIN BEGINNING 52 FT FROM DER, 200 FT LEFT OF CENTERLINE, UP TO 3458 FT MSL. FENCE BEGINNING 393 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 3462 FT MSL. BUSHES AND ROAD BEGINNING 1025 FT FROM DER, 1 FT LEFT OF CENTERLINE UP TO 3489 FT MSL. RWY 21, TERRAIN 3 FEET FROM DER, 249 FT LEFT OF CENTERLINE, UP TO 3414 FT MSL. TERRAIN AND BUSH BEGINNING 203 FT FROM DER, 287 FT LEFT OF CENTERLINE, UP TO 3418 FT MSL. RWY 35, TERRAIN BEGINNING 32 FT FROM DER, 172 FT RIGHT OF CENTERLINE, UP TO 3363 FT MSL. FENCE AND ROAD BEGINNING 306 FT FROM DER, 392 FT RIGHT OF CENTERLINE UP TO 15 FT AGL/ 3372 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1509241605-1603221605EST.

FDC 5/1638 IGM IAP KINGMAN, KINGMAN, AZ. RNAV (GPS) RWY 3, ORIG-A...DELETE NOTE: RWY 3 STRAIGHT-IN AND CIRCLING AND CIRCLING TO RWY 35 NA AT NIGHT.. 34:1 IS CLEAR. DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. THIS IS RNAV (GPS) RWY 3, ORIG-B. 151121341-PERM.

FDC 5/1637 IGM IAP KINGMAN, KINGMAN, AZ. RNAV (GPS) Y RWY 21, ORIG-A...DELETE NOTE: RWY 21 STRAIGHT-IN AND CIRCLING AND CIRCLING TO RWY 35 NA AT NIGHT. DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. 34:1 IS CLEAR. THIS IS RNAV (GPS) Y RWY 21, ORIG-B. 151121341-PERM.

FDC 5/1636 IGM IAP KINGMAN, KINGMAN, AZ. VOR/DME RWY 21, AMDT 7A...DELETE NOTE: RWY 21 STRAIGHT-IN AND CIRCLING AND CIRCLING TO RWY 35 NA. DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA.. THIS IS VOR/DME RWY 21, AMDT 7B. 151121341-PERM.

MESA

Falcon Fld

FDC 5/4921 FFZ IAP FALCON FLD, MESA, AZ. RNAV (GPS) RWY 4R, AMDT 1D...DELETE NOTE: CIRCLING TO RWY 22R NA AT NIGHT. DELETE NOTE: WHEN RWY 4L VGS1 INOP, CIRCLING RWY 4L NA AT NIGHT. THIS IS RNAV (GPS) RWY 4R, AMDT 1E. 1510291526-PERM.

FDC 5/0443 FFZ ODP FALCON FLD, MESA, AZ. MESA ONE DEPARTURE...DEPARTURE ROUTE DESCRIPTION RWY 4L/4R: CLIMBING RIGHT TURN TO 5000 HEADING 220 AND TFD VORTAC R-003 TO IFNUR INT, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE. VCOA RUNWAYS 4L/4R: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS FALCON FIELD AIRPORT AT OR ABOVE 2500 THEN CLIMB TO 5000 ON TFD VORTAC R-003 TO IFNUR INT, BEFORE PROCEEDING ON COURSE. TAKEOFF MINIMUMS: RWY 4L: STANDARD WITH MINIMUM CLIMB OF 480 FEET PER NM TO 3600 OR 1300-3 FOR VCOA. RWY 4R: STANDARD WITH MINIMUM CLIMB OF 495 FEET PER NM TO 3600 OR 1300-3 FOR VCOA.. ALL OTHER DATA REMAINS AS PUBLISHED. 1508271451-1602231451EST.

FDC 5/0255 FFZ STAR FALCON FIELD AIRPORT, MESA, AZ. JCOBS TWO ARRIVAL...PROCEDURE NA. 1510021720-1610021720.

PAGE

Page Muni

FDC 5/2440 PGA ODP PAGE MUNI, PAGE, AZ. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...TAKE-OFF MINIMUMS RWY 15: STANDARD WITH MINIMUM CLIMB OT 252 FT PER NM TO 6500, OR 3100-3 FOR CLIMB IN VISUAL CONDITIONS.. TEXTUAL DEPARTURE PROCEDURE: RWY 15: CLIMB ON HEADING 157.10 TO 6000, THEN CLIMBING RIGHT TURN TO PGA VOR/DME. CROSS PGA VOR/DME AT OR ABOVE 7700. CONTINUE CLIMB IN PGA VOR/DME HOLDING PATTERN (HOLD NW, RIGHT TURNS 147.00 INBOUND) TO AIRWAY MEA, OR OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS PAGE AIRPORT AT OR ABOVE 7300. BEFORE PROCEEDING ON COURSE. ALL OTHER DATA REMAINS AS PUBLISHED. 1510261254-1604231254EST.

PHOENIX

Phoenix Deer Valley

FDC 5/3320 DVT STAR PHOENIX DEER VALLY AIRPORT, PHOENIX, AZ, JCOBS TWO ARRIVAL...PROCEDURE NA 1509181400-1609180859.

Phoenix Sky Harbor Intl

FDC 5/7633 PHX IAP PHOENIX SKY HARBOR INTL, PHOENIX, AZ. RNAV (RNP) Z RWY 26, ORIG-C...RNP 0.30 DA 1669/ HAT 534. TEMPORARY CRANE 1331 MSL 3 NM NORTHEAST OF RWY 26. 1509291539-1601131539EST.

FDC 5/4919 PHX STAR PHOENIX SKY HARBOR INTL, PHOENIX, AZ. BLYTHE FOUR ARRIVAL...CHANGE EXPECT ALTITUDE NOTE AT PAYNT ON BLYTHE FOUR ARRIVAL TO READ-LANDING WEST: TURBOJETS EXPECT TO CROSS PAYNT AT 14000FT. LANDING EAST: TURBOJETS EXPECT TO CROSS PAYNT AT 12000FT. 1510291500-1610291459.

FDC 5/4907 PHX STAR PHOENIX SKY HARBOR INTL, PHOENIX, AZ. SUNSS SEVEN ARRIVAL...CHANGE NOTE ON SUNSS SEVEN ARRIVAL TO READ - DELETE NOTE AT SUNSS. ADD NOTE AT SQUEZ: TURBOJETS CROSS AT 250K IAS. VERTICAL NAVIGATION PLANNING INFORMATION: TURBOPROPS EXPECT TO CROSS SQUEZ AT 10000FT SATELLITE AIRPORTS EXPECT TO CROSS SQUEZ AT 9000FT. 1510291500-1610291459.

FDC 5/4905 PHX STAR PHOENIX SKY HARBOR INTL, PHOENIX, AZ. ARLIN 3 ARRIVAL...CHANGE EXPECT ALTITUDE NOTE AT PAYNT ON ARLIN 3 ARRIVAL TO READ LANDING WEST: TURBOJETS EXPECT TO CROSS PAYNT AT 14,000 . LANDING EAST: TURBOJETS EXPECT TO CROSS PAYNT AT 12,000 . 1510291500-1610291459.

FDC 5/4902 PHX STAR PHOENIX SKY HARBOR INTL, PHOENIX, AZ. JESSE ONE ARRIVAL...CHANGE NOTE ON JESSE ONE ARRIVAL TO READ - NOTE: JESSE STAR IS FOR TURBOPROP AIRCRAFT AND ATC ASSIGNED TURBOJET AIRCRAFT. 1510291500-1610291459.

FDC 5/4900 PHX STAR PHOENIX SKY HARBOR INTL, PHOENIX, AZ. COYOT TWO ARRIVAL...DELETE THE FOLLOWING NOTE AT WEBAD ON COYOT TWO ARRIVAL TURBOPROPS EXPECT TO CROSS AT 11,000FT . CHANGE EXPECT ALTITUDE NOTE AT BRUSR ON COYOT TWO ARRIVAL TO READ TURBOJETS EXPECT TO CROSS BRUSR AT 13,000FT . TURBOPROPS EXPECT TO CROSS BRUSR AT 11,000FT . 1510291500-1610291459.

FDC 5/4898 PHX STAR PHOENIX SKY HARBOR INTL, PHOENIX, AZ. BUNTR TWO ARRIVAL...CHANGE EXPECT ALTITUDE NOTE AT HOMRR ON BUNTR TWO ARRIVAL TO READ LANDING WEST: TURBOJETS EXPECT TO CROSS HOMRR AT 12,000. LANDING EAST: TURBOJETS EXPECT TO CROSS HOMRR AT 14,000. EXPECT CLEARANCE TO CROSS SLIDR AT OR BELOW FL 360. 1510291500-1610291459.

FDC 5/3405 PHX IAP PHOENIX SKY HARBOR INTL, PHOENIX, AZ. ILS OR LOC RWY 26, ORIG-F...S-LOC 26 MDA 1680/ HAT 545 ALL CATS, VISIBILITY CATS C/D 1 5/8. VDP NA. TEMPORARY CRANE 1365 MSL 2.02 NM EAST OF RWY 26. 1511161359-1602051359EST.

FDC 5/3324 PHX STAR PHOENIX SKY-HARBOR, PHOENIX, AZ, KOOLY FOUR ARRIVAL...PROCEDURE NA 1509181500-1609181459.

FDC 5/3323 PHX STAR PHOENIX SKY-HARBOR, PHOENIX, AZ, GEELA SIX ARRIVAL...PROCEDURE NA 1509181500-1609181459.

FDC 5/3322 PHX STAR PHOENIX SKY-HARBOR, PHOENIX, AZ, MAIER FIVE ARRIVAL...PROCEDURE NA 1509181500-1609181459.

FDC 5/1025 PHX SID PHOENIX SKY HARBOR INTL, PHOENIX, AZ. SILOW FOUR DEPARTURE...PROCEDURE NA. 1509151901-1603131900EST.

Phoenix-Mesa Gateway

FDC 5/6056 IWA IAP PHOENIX-MESA GATEWAY, PHOENIX, AZ. RNAV (GPS) RWY 12C, AMDT 1A...CIRCLING CATS A/B/C MDA 1880/HAA 498.. 1510141305-1604111305EST.

FDC 5/0249 IWA STAR PHOENIX-MESA GATEWAY AIRPORT, PHOENIX, AZ. JCOBS TWO ARRIVAL...PROCEDURE NA. 1510021715-1610021715.

PRESCOTT

Ernest A Love Field

FDC 5/9068 PRC IAP ERNEST A LOVE FIELD, PRESCOTT, AZ. ILS OR LOC/DME RWY 21L, AMDT 4A...CHANGE MISSED APPROACH TO READ: CLIMB TO 5400 THEN CLIMBING RIGHT TURN DIRECT DRK VORTAC AND DRK VORTAC R-305 TO 9000, THEN RIGHT TURN DIRECT DRK VORTAC AND HOLD. 1508261158-1602221146EST.

SCOTTSDALE

Scottsdale

FDC 5/3325 SDL STAR SCOTTSDALE AIRPORT, SCOTTSDALE, AZ, JCOBS TWO ARRIVAL...PROCEDURE NA 1509181500-1609181459.

FDC 5/1389 SDL SID SCOTTSDALE, SCOTTSDALE, AZ. JONHH ONE DEPARTURE...BRYCE CANYON TRANSITION NA. DOVE CREEK TRANSITION NA. FLAGSTAFF TRANSITION NA. RATTLESNAKE TRANSITION NA. 1509161333-1603141333EST.

SHOW LOW

Show Low Rgnl

FDC 5/8467 SOW IAP SHOW LOW RGNL, SHOW LOW, AZ. NDB-A, AMDT 1...CHART NOTE: NIGHT LANDING: RWY 03 NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA. THIS IS NDB-A, AMDT 1A. 1511051413-PERM.

ST JOHNS

St Johns Industrial Air Park

FDC 5/8825 SJN ODP ST JOHNS INDUSTRIAL AIR PARK, ST JOHNS, AZ. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1A.TAKE-OFF MINIMUMS: RWY 21, STANDARD WITH MINIMUM CLIMB OF 252 FT PER NM TO 6300. TAKEOFF OBSTACLES: NOTE: RWY 3, SIGN 15 FT FROM DER, 125 FT LEFT OF CENTERLINE, 3 FT AGL/5736 FT MSL. NOTE: RWY 14, ROAD 1 FT FROM DER, 113 FT RIGHT OF CENTERLINE, UP TO 15 FT AGL/5750 FT MSL. FENCE, ROAD, BLDGS, POLES AND TREES BEGINNING 27 FT FROM DER, 502 FT LEFT OF CENTERLINE, UP TO 76 FT AGL/5784 FT MSL. APT BEACON, ROAD, WINDSOCK, BLDGS, TOWERS AND POLES BEGINNING 58 FT FROM DER, 410 FT RIGHT OF CENTERLINE, UP TO 57 FT AGL/5793 FT MSL. NOTE: RWY 21, FENCE, ROAD AND TREES BEGINNING 15 FT FROM DER, 433 FT LEFT OF CENTERLINE, UP TO 58 FT AGL/5778 FT MSL. FENCE, ROAD, POLES, BLDGS AND TREES BEGINNING 23 FT FROM DER, 502 FT RIGHT OF CENTERLINE, UP TO 71 FT AGL/5798 FT MSL. TREES 840 FT FROM DER, 234 FT RIGHT OF CENTERLINE, UP TO 83 FT AGL/5819 FT MSL. TREES BEGINNING 1277 FT FROM DER, 400 FT LEFT OF CENTERLINE, UP TO 78 FT AGL/5798 FT MSL. POLES AND TREES BEGINNING 3301 FT FROM DER, 1176 FT LEFT OF CENTERLINE, UP TO 46 FT AGL/5829 FT MSL. TREES BEGINNING 3440 FT FROM DER, 1178 FT RIGHT OF CENTERLINE, UP TO 80 FT AGL/5860 FT MSL. BLDG 3617 FT FROM DER, 1324 FT LEFT OF CENTERLINE, 92 FT AGL/5856 FT MSL. NOTE: RWY 32, ROAD BEGINNING 34 FT FROM DER, 466 ALL OTHER DATA REMAINS AS PUBLISHED. FDC 5/8825 SJN ODP ST JOHNS INDUSTRIAL AIR PARK, ST JOHNS, AZ. FT RIGHT OF CENTERLINE, UP TO 15 FT AGL/5745 FT MSL. REIL, ROAD AND BLDG BEGINNING 40 FT FROM DER, 79 FT LEFT OF CENTERLINE, UP TO 15 FT AGL/5744 FT MSL. POLE 307 FT FROM DER, 570 FT LEFT OF CENTERLINE, 30 FT AGL/5757 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1508061730-1602021730EST

FDC 5/2214 SJN IAP ST JOHNS INDUSTRIAL AIR PARK, ST JOHNS, AZ. RNAV (GPS) RWY 32, ORIG-A...LNAV/VNAV MINIMA NA.. 1509171259-1603151259EST.

TUCSON

Ryan Field

FDC 5/1155 RYN IAP RYAN FIELD, TUCSON, AZ. NDB/DME OR GPS RWY 6R, AMDT 1A...PROCEDURE NA. 1511102026-1605082026EST.

Tucson Intl

FDC 5/5074 TUS IAP TUCSON INTL, TUCSON, AZ. RNAV (GPS) RWY 21, ORIG-A...CIRCLING CAT A MDA 3180/ HAA 537. TEMPORARY CRANES UP TO 2827 MSL BEGINNING 1.32 NM NORTHEAST OF TUS AIRPORT. 1510291831-1511201831EST.

FDC 5/5073 TUS IAP TUCSON INTL, TUCSON, AZ. LOC/DME BC RWY 29R, AMDT 8...VOR OR TACAN RWY 11L, AMDT 1A...VOR/DME OR TACAN RWY 29R, AMDT 2D...CIRCLING CAT A MDA 3180/ HAA 537. TEMPORARY CRANES UP TO 2827 MSL BEGINNING 1.32 NM NORTHEAST OF TUS AIRPORT. 1510291831-1511201831EST.

FDC 5/5064 TUS IAP TUCSON INTL, TUCSON, AZ. ILS OR LOC RWY 11L, AMDT 14...S-ILS 11L DA 2824/ HAT 225 ALL CATS. PARCS FIX MINIMUMS: CIRCLING CAT A MDA 3180/ HAA 567. TEMPORARY CRANES UP TO 2827 MSL BEGINNING 1.32 NM NORTHEAST OF TUS AIRPORT, TEMPORARY CRANE 2745 MSL 2155 FEET SOUTHEAST OF RWY 11L. 1510291829-1511201829EST.

FDC 5/4093 TUS IAP TUCSON INTL, TUCSON, AZ. RNAV (GPS) Z RWY 11L, AMDT 1A...TERMINAL ROUTE FROM WASON TO CALLS MINIMUM ALTITUDE 5100. MINIMUM ALTITUDE AT CALLS 5100. ALL OTHER DATA REMAINS AS PUBLISHED.. 1508181351-1602141351EST.

FDC 5/0392 TUS IAP TUCSON INTL, TUCSON, AZ. VOR OR TACAN RWY 11L, AMDT 1A...VOR PORTION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 1510022052-1603302049EST.

YUMA PROVING GROUND(YUMA)

Laguna AAF (Yuma Proving Ground)

FDC 5/5125 LGF IAP U.S. DOD LAGUNA AAF (YUMA PROVING GROUND), YUMA PROVING GROUND(YUMA), AZ. RNAV (GPS) RWY 18, ORIG...VISUAL DESCENT ANGLE 3.12/37 TCH NOT AUTHORIZED. 1508191453-1602151453EST.

FDC 5/5121 LGF IAP U.S. DOD LAGUNA AAF (YUMA PROVING GROUND), YUMA PROVING GROUND(YUMA), AZ. RNAV (GPS) RWY 6, ORIG...VISUAL DESCENT ANGLE 2.99/45 TCH NOT AUTHORIZED.. 1508191452-1602151452EST.

ARKANSAS

BATESVILLE

Batesville Rgnl

FDC 5/9793 BVX IAP BATESVILLE RGNL, BATESVILLE, AR. RNAV (GPS) RWY 26, AMDT 1...DESCENT ANGLE 3.05/TCH 44 NA. 1508080032-1603040032EST.

CAMDEN

Harrell Field

FDC 5/6193 CDH IAP HARRELL FIELD, CAMDEN, AR. VOR/DME RWY 1, AMDT 10A...DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 1 PROCEDURE NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 19 NA AT NIGHT. NOTE: NIGHT LANDING: RWY 1 NA. 1510311910-1604281909EST.

CLARKSVILLE

Clarksville Muni

FDC 5/4032 H35 IAP CLARKSVILLE MUNI, CLARKSVILLE, AR. RNAV (GPS) RWY 27, ORIG...DESCENT ANGLE 3.06/TCH 34 NA. 1509211551-1603191551EST.

FDC 5/4030 H35 IAP CLARKSVILLE MUNI, CLARKSVILLE, AR. RNAV (GPS) RWY 9, ORIG-A...DESCENT ANGLE 3.05/TCH 41 NA. 1509211551-1603191551EST.

DE QUEEN

J Lynn Helms Sevier County

FDC 5/6930 DEQ IAP J LYNN HELMS SEVIER COUNTY, DE QUEEN, AR. RNAV (GPS) RWY 8, ORIG-A...NOTE: NIGHT LANDING: RWY 08 NA. DISREGARD NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT. 34:1 IS NOT CLEAR. 1509082329-1604062328EST.

DECATUR

Crystal Lake

FDC 5/9720 5M5 IAP CRYSTAL LAKE, DECATUR, AR. VOR/DME RWY 13, AMDT 9...S-13 MDA 1980/HAT 802 ALL CATS, VISIBILITY CAT B 1 1/4, CAT C 2 1/2. CIRCLING MDA 1980/HAA 802 ALL CATS, VISIBILITY CAT B 1 1/4, CAT C 2 1/2. TDZE: 1178. AIRPORT ELEVATION: 1178. ADD NOTE: PROCEDURE NA AT NIGHT. ADD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1507021351-1512291351EST.

FDC 5/9671 5M5 IAP CRYSTAL LAKE, DECATUR, AR. RNAV (GPS) RWY 13, ORIG...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1507021300-1512291300EST.

DUMAS

Billy Free Muni

FDC 5/4878 0M0 ODP BILLY FREE MUNI, DUMAS, AR. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKEOFF OBSTACLE NOTES: NOTE RWY 18: ROAD AND TREES 71 FEET FROM DER, 510 FEET LEFT OF CENTERLINE, UP TO 63 FEET AGL/222 FEET MSL. ROAD 163 FEET FROM DER, 502 FEET RIGHT OF CENTERLINE, UP TO 17 FEET AGL/176 FEET MSL. TREES BEGINNING 1415 FEET FROM DER, 422 FEET RIGHT OF CENTERLINE, UP TO 66 FEET AGL/225 FEET MSL. NOTE: RWY 36: ROAD AND TREES 83 FEET FROM DER, 237 FEET LEFT OF CENTERLINE, UP TO 48 FEET AGL/210 FEET MSL. TREES 263 FEET FROM DER, 408 FEET RIGHT OF CENTERLINE, UP TO 52 FEET AGL/216 FEET MSL. TREES BEGINNING 1216 FEET FROM DER, 335 FEET LEFT OF CENTERLINE, UP TO 53 FEET AGL/217 FEET MSL. TREES BEGINNING 1611 FEET FROM DER, 228 FEET RIGHT OF CENTERLINE, UP TO 74 FEET AGL/239 FEET MSL. TREES BEGINNING 1960 FEET FROM DER, 428 FEET LEFT OF CENTERLINE, UP TO 82 FEET AGL/246 FEET MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1506081533-1512051533EST.

EL DORADO

South Arkansas Rgnl At Goodwin Field

FDC 5/6992 ELD IAP SOUTH ARKANSAS RGNL AT GOODWIN FIELD, EL DORADO, AR. RNAV (GPS) RWY 4, ORIG...DISREGARD NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT. NOTE: NIGHT LANDING: RWY 4, 13, 17, 31, 35 NA. DISREGARD NOTE: CIRCLING TO RUNWAYS 13, 17, 31, AND 35 NA AT NIGHT. 1505060459-1512020459EST.

FDC 5/6991 ELD IAP SOUTH ARKANSAS RGNL AT GOODWIN FIELD, EL DORADO, AR. ILS OR LOC RWY 22, AMDT 2B...VOR RWY 22, AMDT 13D...VOR/DME RWY 4, AMDT 10...NOTE: NIGHT LANDING: RWY 4, 13, 17, 31, 35 NA. 1505060459-1512020459EST.

FLIPPIN

Marion County Rgnl

FDC 5/4162 FLP ODP MARION COUNTY RGNL, FLIPPIN, AR. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG.TAKE-OFF MINIMUMS: RWY 22, 300-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 222 FT PER NM TO 900. NOTE: RWY 4, TRANSMISSION LINE TOWER AND POLES BEGINNING 3318 FT FROM DER, 536 FT RIGHT OF CENTERLINE, UP TO 101 FT AGL/840 FT MSL. TREES BEGINNING 224 FT FROM DER, 325 FT RIGHT OF CENTERLINE TO 3103 FT FROM DER, 15 FT RIGHT OF CENTERLINE, UP TO 99 FT AGL/809 FT MSL. VEHICLES ON ROAD 14 FT FROM DER, 494 FT RIGHT OF CENTERLINE, 26 FT AGL/724 FT MSL. POLES BEGINNING 171 FT FROM DER, 296 FT LEFT OF CENTERLINE, UP TO 44 FT AGL/761 FT MSL. TREES BEGINNING 153 FT FROM DER 480 FT LEFT OF CENTERLINE TO 3334 FT FROM DER 46 FT LEFT OF CENTERLINE, UP TO 85 FT AGL/818 FT MSL. VEHICLES ON ROAD BEGINNING 3 FT FROM DER, 276 FT LEFT OF CENTERLINE, UP TO 13 FT AGL/733 FT MSL. NOTE: RWY 22, POLES AND FLAG POLE BEGINNING 1963 FT FROM DER, 203 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/ 799 FT MSL. POLES, BUILDINGS AND CHIMNEY BEGINNING 369 FT FROM DER, 300 FT RIGHT OF CENTERLINE, UP TO 57 FT AGL/701 FT MSL. VEHICLES ON ROAD AND TERRAIN BEGINNING 2 FT FROM DER, 245 FT LEFT OF CENTERLINE, UP TO 17 FT AGL/675 FT MSL. TREES BEGINNING 322 FT FROM DER, 253 FT LEFT ALL OTHER DATA REMAINS AS PUBLISHED. FDC 5/4162 FLP ODP MARION COUNTY RGNL, FLIPPIN, AR. OF CENTERLINE TO 2911 FT FROM DER, 19 FT LEFT OF CENTERLINE, UP TO 92 FT AGL/803 FT MSL. TREES BEGINNING 369 FT FROM DER, 100 FT RIGHT OF CENTERLINE TO 6480 FT FROM DER, 19 FT RIGHT OF CENTERLINE, UP TO 98 FT AGL/832 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1510281457-1604251457EST

FDC 5/3073 FLP IAP MARION COUNTY RGNL, FLIPPIN, AR. RNAV (GPS) RWY 4, ORIG...DESCENT ANGLE 3.05/TCH 55 NA. VDP NA. NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD NOTE: VDP NA WHEN USING MOUNTAIN HOME ALTIMETER SETTING. DISREGARD SYMBOL DEPICTING 34:1 VISUAL SLOPE IS CLEAR. 1510271316-1604241316EST.

FDC 5/3015 FLP IAP MARION COUNTY RGNL, FLIPPIN, AR. RNAV (GPS) RWY 22, ORIG...NOTE: PROCEDURE NA AT NIGHT. VDP NA. DISREGARD NOTE: VDP NA WHEN USING MOUNTAIN HOME ALTIMETER SETTING. 1510271315-1604241315EST.

FDC 5/3002 FLP IAP MARION COUNTY RGNL, FLIPPIN, AR. VOR-A, AMDT 14...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1510271314-1604241313EST.

FORT SMITH

Fort Smith Rgnl

FDC 5/0998 FSM ODP FORT SMITH RGNL, FORT SMITH, AR. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 4A...NOTE: RWY 25, MCDONALD S SIGN, 2688 FT FROM DEPARTURE END OF RWY, 1124 FT RIGHT OF CENTERLINE, 40 FT AGL/ 553 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1508111807-1602071807EST.

HELENA/WEST HELENA

Thompson-Robbins

FDC 5/1904 HEE IAP THOMPSON-ROBBINS, HELENA/WEST HELENA, AR. RNAV (GPS) RWY 17, ORIG...RNAV (GPS) RWY 35, ORIG...NOTE: NIGHT LANDING: RWY 08 NA. 1510062108-1605032108EST.

FDC 5/1067 HEE ODP THOMPSON-ROBBINS, HELENA/WEST HELENA, AR. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKE-OFF MINIMUMS RWY 8: 400 - 2 1/2 OR STANDARD WITH MINIMUM CLIMB OF 250 FT PER NM TO 700. NOTE: RWY 17: TERRAIN 23 FT FROM DER, 494 FT LEFT OF CENTERLINE, 240 MSL. TREE 1017 FT FROM DER, 547 FT LEFT OF CENTERLINE, UP TO 50 FT AGL/287 FT MSL. TREE 1885 FT FROM DER, 804 FT FIGHT OF CENTERLINE, UP TO 103 FT AGL/316 FT MSL. TREES BEGINNING 1953 FT FROM DER, 777 FT LEFT OF CENTERLINE, UP TO 83 FT AGL/315 FT MSL.. NOTE RWY 26: TREES BEGINNING 702 FT FROM DER, 310 FT LEFT OF CENTERLINE, UP TO 59 FT AGL/287 FT MSL. TREE 3402 FT FROM DER, 234 FT RIGHT OF CENTERLINE, UP TO 122 FT AGL/332 FT MSL.. NOTE: RWY 35: TERRAIN 194 FT FROM DER, 490 FT RIGHT OF CENTERLINE, 256 MSL. TREES BEGINNING 214 FT FROM DER, 546 LEFT OF CENTERLINE, UP TO 69 FT AGL/303 FT MSL. TREES BEGINNING 932 FT FROM DER, 665 FT RIGHT OF CENTERLINE, UP TO 66 FT AGL/307 FT MSL. TREES BEGINNING 1920 FT FROM DER, 923 FT LEFT OF CENTERLINE, UP TO 86 FT AGL/319 FT MSL. TREES BEGINNING 2252 FT FROM DER, 1102 FT RIGHT OF CENTERLINE, UP TO 106 FT AGL/347 FT MSL. TREES 3132 FT FROM DER, 80 LEFT OF CENTERLINE, UP TO 104 FT AGL/330 FT MSL.. ALL OTHER DATA REMAINS AS PUBLISHED. 1507272100-1602232100EST.

FDC 5/1064 HEE IAP THOMPSON-ROBBINS, HELENA/WEST HELENA, AR. RNAV (GPS) RWY 17, ORIG...VOR RWY 17, ORIG...NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1507272058-1602232058EST.

HOPE

Hope Muni

FDC 5/9773 M18 IAP HOPE MUNI, HOPE, AR. RNAV (GPS) RWY 16, ORIG...NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DESCENT ANGLE 3.00/TCH 42 NA. DISREGARD SYMBOL REPRESENTING VISUAL 34:1 SLOPE IS CLEAR. 1508080015-1603030014EST.

HOT SPRINGS

Memorial Field

FDC 5/9491 HOT IAP MEMORIAL FIELD, HOT SPRINGS, AR. ILS OR LOC RWY 5, AMDT 15A...S-ILS 5 DA 732/HAT 230 ALL CATS. 1508071725-1603031725EST.

FDC 5/1072 HOT IAP MEMORIAL FIELD, HOT SPRINGS, AR. VOR Y RWY 5, AMDT 16B...PROCEDURE TURN MINIMUM ALTITUDE 2600. CHANGE PROFILE NOTE TO READ, MAINTAIN 2700 OR ABOVE UNTIL ESTABLISHED OUTBOUND FOR PROCEDURE TURN. 1508111905-1602071905EST.

FDC 5/1066 HOT IAP MEMORIAL FIELD, HOT SPRINGS, AR. VOR Z RWY 5, AMDT 4C...S-5 MDA 960/HAT 444. ADAMS FIELD ALTIMETER SETTING MINIMUMS S-5 MDA 1120/HAT 604. DISTANCE VDP TO THLD 1.27 NM. 1508111904-1602071904EST.

LITTLE ROCK

Bill And Hillary Clinton National/Adams Field

FDC 5/9815 LIT IAP BILL AND HILLARY CLINTON NATIONAL/ADAMS FIELD, LITTLE ROCK, AR. RNAV (GPS) RWY 36, ORIG-B...DESCENT ANGLE 3.00/TCH 50 NOT AUTHORIZED. 1508080051-1603040050EST.

MAGNOLIA

Magnolia Muni

FDC 5/9813 AGO ODP MAGNOLIA MUNI, MAGNOLIA, AR. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TAKEOFF MINIMUMS: RWY 18, 36 STANDARD. CHANGE TAKEOFF OBSTACLE NOTES TO READ, NOTE: RWY 18, GRD, BUSHES, TREES BEGINNING 27 FT FROM DER, 150 FT RIGHT OF CENTERLINE, UP TO 336 FT MSL. OL POLE 340 FT FROM DER, 180 FT LEFT OF CENTERLINE, 333 FT MSL. BRINE WELL 334 FT FROM DER, 188 FT LEFT OF CENTERLINE, 322 FT AGL/328 FT MSL. TREES BEGINNING 1189 FT FROM DER, 247 FT RIGHT OF CENTERLINE, UP TO 409 FT MSL. TREES BEGINNING 1337 FT FROM DER, 837 FT LEFT OF CENTERLINE, UP TO 386 FT MSL. TREES BEGINNING 2596 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 455 FT MSL. WATER TOWER 5118 FT FROM DER, 1444 FT RIGHT OF CENTERLINE, 135 FT AGL/459 FT MSL. NOTE: RWY 36, TREES BEGINNING 632 FT FROM DER, 364 FT LEFT OF CENTERLINE, UP TO 385 FT MSL. TREES BEGINNING 277 FT FROM DER, 351 FT RIGHT OF CENTERLINE, UP TO 354 FT MSL. TREES BEGINNING 1751 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 383 FT MSL. THIS IS TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, AMDT 1A. 1510012003-PERM.

FDC 5/9021 AGO IAP MAGNOLIA MUNI, MAGNOLIA, AR. RNAV (GPS) RWY 18, ORIG...LNAV MDA 980/HAT 666 ALL CATS, VISIBILITY CAT C 1 3/4. CIRCLING MDA 980/HAA 661 ALL CATS, VISIBILITY CAT C 1 3/4. EL DORADO ALTIMETER SETTING MINIMUMS: LNAV MDA 1040/HAT 726 ALL CATS, VISIBILITY CAT C 2, CIRCLING MDA 1040/HAA 721 ALL CATS, VISIBILITY CAT C 2. VDP 2.00 NM TO RW18. ADD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHANGE AIRPORT ELEVATION FROM 317 TO 319. 1507221644-1601181644EST.

MELBOURNE

Melbourne Muni - John E Miller Field

FDC 5/9509 42A IAP MELBOURNE MUNI - JOHN E MILLER FIELD, MELBOURNE, AR. RNAV (GPS) RWY 21, AMDT 1A...CIRCLING CAT A/B MDA 1320/HAA 585. 1505291510-1511251510EST.

FDC 5/2406 42A IAP MELBOURNE MUNI - JOHN E MILLER FIELD, MELBOURNE, AR. RNAV (GPS) RWY 3, AMDT 1B...LP MINIMUMS NA, LNAV CATS A/B MDA 1280/HAT 545, CIRCLING CATS A/B MDA 1320/HAA 585...1509010205-1602280203EST.

MENA

Mena Intermountain Muni

FDC 5/8445 MEZ IAP MENA INTERMOUNTAIN MUNI, MENA, AR. VOR/DME-A, AMDT 10...PROCEDURE NOT AUTHORIZED, PGO VOR RADIALS 090-145 UNUSABLE. 1506301905-1512271905EST.

FDC 5/7634 MEZ IAP MENA INTERMOUNTAIN MUNI, MENA, AR. NDB RWY 27, AMDT 1...TERMINAL ROUTE: PGO VORTAC, OK TO FENCH (VM) LOM, AR NA. PGO VOR RADIALS 090-145 UNUSABLE. 1511032354-1605012354EST.

FDC 5/7631 MEZ IAP MENA INTERMOUNTAIN MUNI, MENA, AR. ILS OR LOC RWY 27, AMDT 1A...TERMINAL ROUTE: PGO VORTAC, OK TO FENCH (VM) LOM, AR NA. PGO VOR RADIALS 090-145 UNUSABLE. 1511032351-1605012351EST.

MONTICELLO

Monticello Muni/Ellis Field

FDC 5/4124 LLQ ODP MONTICELLO MUNI/ELLIS FIELD, MONTICELLO, AR. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKE-OFF MINIMUMS: RWY 21, 300 - 1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 436 FT. PER NM TO 600.. ALL OTHER DATA REMAINS AS PUBLISHED. 1510281436-1604251436EST.

MORRILTON

Petit Jean Park

FDC 5/6951 MPJ ODP PETIT JEAN PARK, MORRILTON, AR. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TAKE-OFF MINIMUMS RWY 3: 300-1 OR STANDARD WITH MINIMUM CLIMB OF 326 PER NM TO 1300 BEFORE TURNING.. ALL OTHER DATA REMAINS AS PUBLISHED. 1509281209-1603261209EST.

MOUNTAIN HOME

Baxter County

FDC 5/6918 BPK IAP BAXTER COUNTY, MOUNTAIN HOME, AR. VOR-A, AMDT 10...NOTE: NIGHT LANDING: RWY 23 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1509082309-1604062309EST.

FDC 5/6915 BPK IAP BAXTER COUNTY, MOUNTAIN HOME, AR. ILS OR LOC/DME RWY 5, ORIG-A...RNAV (GPS) RWY 23, ORIG...RNAV (GPS) RWY 5, ORIG-A...NOTE: NIGHT LANDING: RWY 23 NA.. 1509082309-1604062309EST.

MOUNTAIN VIEW

Mountain View Wilcox Memorial Field

FDC 5/9405 7M2 IAP MOUNTAIN VIEW WILCOX MEMORIAL FIELD, MOUNTAIN VIEW, AR. RNAV (GPS) RWY 27, ORIG...DESCENT ANGLE 3.05/TCH 40 NA. 1508071621-1603031621EST.

NASHVILLE

Howard County

FDC 5/3582 M77 IAP HOWARD COUNTY, NASHVILLE, AR. RNAV (GPS) RWY 1, ORIG-A...RNAV (GPS) RWY 19, ORIG-A...NOTE: PROCEDURE NA AT NIGHT.. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 1 NA AT NIGHT. WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 19 PROCEDURE NA AT NIGHT.. 1510271809-1606071809EST.

POCAHONTAS

Pocahontas Muni

FDC 5/1774 M70 IAP POCAHONTAS MUNI, POCAHONTAS, AR. VOR OR GPS RWY 36, AMDT 6...S-36: CAT A/B MDA 860/HAT 589. CIRCLING: CAT A/B MDA 900/HAA 629. JONESBORO ALTIMETER SETTING MINIMUMS S-36: CAT A/B MDA 960/HAT 689. MISSED APPROACH: CLIMB TO 2100, THEN LEFT TURN DIRECT ARG VORTAC AND HOLD. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1510231254-1604201254EST.

RUSSELLVILLE

Russellville Rgnl

FDC 5/7176 RUE ODP RUSSELLVILLE RGNL, RUSSELLVILLE, AR. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKE-OFF MINIMUMS: RWY 25, STANDARD WITH MINIMUM CLIMB OF 270 FT PER NM TO 2500. DEPARTURE PROCEDURE: RWY 7, CLIMB ON HEADING 072 TO 1200 BEFORE PROCEEDING ON COURSE. ALL OTHER DATA REMAINS AS PUBLISHED. 1511031457-1605011457EST.

FDC 5/1482 RUE ODP RUSSELLVILLE RGNL, RUSSELLVILLE, AR. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...NOTE: RWY 7, CONSTRUCTION EQUIPMENT, 691 FROM DEPARTURE END OF RWY, 76 FT RIGHT OF CENTERLINE, 12 AGL/422 MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1508121429-1511191429EST.

CALIFORNIA

ARCATA/EUREKA

Arcata

FDC 5/9522 ACV IAP ARCATA, ARCATA/EUREKA, CA. ILS Z RWY 32, AMDT 30B...PROCEDURE NA. 1507231315-1601191315EST.

FDC 5/8821 ACV IAP ARCATA, ARCATA/EUREKA, CA. VOR/DME RWY 1, AMDT 8A...PROCEDURE NA. 1510010020-1603290020EST.

FDC 5/2180 ACV IAP ARCATA, ARCATA/EUREKA, CA. RNAV (GPS) RWY 32, AMDT 1C...CHANGE NOTE FOR INOPERATIVE MALR USING CRESCENT CITY ALTIMETER SETTING TO READ: FOR INOPERATIVE MALSR WHEN USING CRESCENT CITY ALTIMETER SETTING INCREASE LPV VISIBILITY ALL CATS TO 1 1/4 MILE AND INCREASE LNAV CAT A VISIBILITY TO RVR 5500, AND CAT B TO RVR 6000, AND CATS C/D VISIBILITY TO 2 1/2 MILE.. THIS IS RNAV (GPS) RWY 32, AMDT 1D. 1511121838-PERM.

AVALON

Catalina

FDC 5/5160 AVX IAP CATALINA, AVALON, CA. VOR OR GPS-A, AMDT 4B...CIRCLING CAT B MDA 2580/HAA 978. 1506091223-1512061223EST.

BAKERSFIELD

Meadows Field

FDC 5/5587 BFL IAP MEADOWS FIELD, BAKERSFIELD, CA. VOR/DME RWY 30R, AMDT 9...S-30R MDA 980/HAT 490 ALL CATS. CIRCLING CATS A/B/C MDA 980/HAA 473. 1509041934-1603021934EST.

FDC 5/4057 BFL SID MEADOWS FIELD, BAKERSFIELD, CA. MARIC THREE DEPARTURE...MEADOWS ONE DEPARTURE...WRING THREE DEPARTURE...NOTE: RWY 12L, TREES BEGINNING 2221 FT FROM DER, 684 FT LEFT OF CENTERLINE, UP TO 72 FT AGL/546 FT MSL. GND 146 FT FROM DER, 525 FT LEFT OF CENTERLINE, 0 FT AGL/479 FT MSL. NOTE: RWY 12R, TREE 2612 FT FROM DER, 1158 FT LEFT OF CENTERLINE, 69 FT AGL/ 533 FT MSL. TREES BEGINNING 456 FT FROM DER, 575 FT LEFT OF CENTERLINE, UP TO 46 FT AGL/510 FT MSL. FENCE 14 FT FROM DER, 215 FT RIGHT OF CENTERLINE, 4 FT AGL/466 FT MSL. NOTE: RWY 30R, POLE 1248 FT FROM DER, 113 FT LEFT OF CENTERLINE, 34 FT AGL/ 543 FT MSL. TRMSN TWR 3632 FT FROM DER, 1097 FT LEFT OF CENTERLINE, 93 FT AGL/602 FT MSL. POLES BEGINNING 2297 FT FROM DER, 925 FT RIGHT OF CENTERLINE, UP TO 36 FT AGL/ 577 FT MSL. PUMP 529 FT FROM DER, 538 FT RIGHT OF CENTERLINE, 14 FT AGL/ 523 FT MSL. BLDG 373 FT FROM DER, 257 FT RIGHT OF CENTERLINE, 10 FT AGL/524 FT MSL. TWRS BEGINNING 4350 FT FROM DER, 499 FT RIGHT OF CENTERLINE, UP TO 110 FT AGL/ 650 FT MSL. NAVAID 388 FT FROM DER, 266 FT RIGHT OF CENTERLINE, 21 FT AGL/535FT MSL. TREE 3252 FT FROM, 1072 FT RIGHT OF CENTERLINE, 101 FT AGL/610 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1510281319-1604251319EST.

FDC 5/4056 BFL ODP MEADOWS FIELD, BAKERSFIELD, CA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...NOTE: RWY 12L, TREES BEGINNING 2221 FT FROM DER, 684 FT LEFT OF CENTERLINE, UP TO 72 FT AGL/546 FT MSL. GND 146 FT FROM DER, 525 FT LEFT OF CENTERLINE, 0 FT AGL/479 FT MSL. NOTE: RWY 12R, TREE 2612 FT FROM DER, 1158 FT LEFT OF CENTERLINE, 69 FT AGL/ 533 FT MSL. TREES BEGINNING 456 FT FROM DER, 575 FT LEFT OF CENTERLINE, UP TO 46 FT AGL/510 FT MSL. FENCE 14 FT FROM DER, 215 FT RIGHT OF CENTERLINE, 4 FT AGL/466 FT MSL. NOTE: RWY 30R, POLE 1248 FT FROM DER, 113 FT LEFT OF CENTERLINE, 34 FT AGL/ 543 FT MSL. TRMSN TWR 3632 FT FROM DER, 1097 FT LEFT OF CENTERLINE, 93 FT AGL/602 FT MSL. POLES BEGINNING 2297 FT FROM DER, 925 FT RIGHT OF CENTERLINE, UP TO 36 FT AGL/ 577 FT MSL. PUMP 529 FT FROM DER, 538 FT RIGHT OF CENTERLINE, 14 FT AGL/ 523 FT MSL. BLDG 373 FT FROM DER, 257 FT RIGHT OF CENTERLINE, 10 FT AGL/524 FT MSL. TWRS BEGINNING 4350 FT FROM DER, 499 FT RIGHT OF CENTERLINE, UP TO 110 FT AGL/ 650 FT MSL. NAVAID 388 FT FROM DER, 266 FT RIGHT OF CENTERLINE, 21 FT AGL/535FT MSL. TREE 3252 FT FROM, 1072 FT RIGHT OF CENTERLINE, 101 FT AGL/610 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1510281319-1604251319EST.

BISHOP

Bishop

FDC 5/2729 BIH ODP EASTERN SIERRA RGNL, BISHOP, CA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3...CHANGE AIRPORT NAME FROM EASTERN SIERRA RGNL TO BISHOP. THIS IS TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, AMDT 3A. 1509171730-PERM.

FDC 5/2719 BIH IAP EASTERN SIERRA RGNL, BISHOP, CA. VOR/DME OR GPS-B, AMDT 4A...CHANGE AIRPORT NAME FROM EASTERN SIERRA RGNL TO BISHOP. THIS IS VOR/DME OR GPS-B, AMDT 4B. 1509171730-PERM.

FDC 5/2718 BIH IAP EASTERN SIERRA RGNL, BISHOP, CA. VOR OR GPS-A, AMDT 6A...CHANGE AIRPORT NAME FROM EASTERN SIERRA RGNL TO BISHOP. THIS IS VOR OR GPS-A, AMDT 6B. 1509171730-PERM.

FDC 5/2717 BIH IAP EASTERN SIERRA RGNL, BISHOP, CA. RNAV (RNP) RWY 30, ORIG-B...CHANGE AIRPORT NAME FROM EASTERN SIERRA RGNL TO BISHOP. THIS IS RNAV (RNP) RWY 30 ORIG-C. 1509171730-PERM.

FDC 5/2716 BIH IAP EASTERN SIERRA RGNL, BISHOP, CA. RNAV (GPS) Z RWY 12, ORIG-B...CHANGE AIRPORT NAME FROM EASTERN SIERRA RGNL TO BISHOP. THIS IS RNAV (GPS) Z RWY 12 ORIG-C. 1509171730-PERM.

FDC 5/2715 BIH IAP EASTERN SIERRA RGNL, BISHOP, CA. RNAV (GPS) Y RWY 12, ORIG-A...CHANGE AIRPORT NAME FROM EASTERN SIERRA RGNL TO BISHOP. THIS IS RNAV (GPS) Y RWY 12 ORIG-B. 1509171730-PERM.

BURBANK

Bob Hope

FDC 5/7663 BUR IAP BOB HOPE, BURBANK, . RNAV (GPS) X RWY 8, ORIG-E...CIRCLING CAT D MDA 1640/HAA 862. NOTE: PROCEDURE NA AT NIGHT. 1510151921-1604121921EST.

FDC 5/2963 BUR STAR BOB HOPE AIRPORT, BURBANK, CA. JANNY TWO ARRIVAL. PROCEDURE NA. 1507091655-1609152359.

CAMARILLO

Camarillo

FDC 5/7866 CMA IAP CAMARILLO, CAMARILLO, CA. RNAV (GPS) RWY 8, ORIG...LNAV MDA 840/HAT 772 ALL CATS, VIS CAT B 1 1/4, CAT C/D 2 1/2. CIRCLING MDA 840/HAA 763 ALL CATS, VIS CAT B 1 1/4, CAT C/D 2 1/2. DELETE VDP. DELETE NOTE: VDP NA WHEN USING OXNARD ALTIMETER SETTING. CHANGE LOCAL ALTIMETER SETTING NOT RECEIVED NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE OXNARD ALTIMETER SETTING AND INCREASE ALL MDA 20 FT. ALTERNATE MINIMUMS, STANDARD EXCEPT CAT C, D, 800 - 2 1/2; NA WHEN LOCAL WEATHER NOT AVAILABLE. THIS IS RNAV (GPS) RWY 8, ORIG-A. 1511041400-PERM.

FDC 5/6942 CMA ODP CAMARILLO, CAMARILLO, CA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3...TAKEOFF MINIMUMS: RWY 8, STANDARD WITH MINIMUM CLIMB OF 250 FT PER NM TO 1800. ALL OTHER DATA REMAINS AS PUBLISHED. 1511022133-1604302133EST.

CARLSBAD

Mc Clellan-Palomar

FDC 5/8893 CRQ ODP MC CLELLAN-PALOMAR, CARLSBAD, CA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 4...TAKE-OFF MINIMUMS RWY 6, STANDARD WITH A MINIMUM CLIMB OF 310 FEET PER NM TO 2400. NOTE: RWY 06: FENCE 6 FT FROM DER, 453 FT LEFT OF CENTERLINE, 3 FT AGL/328 FT MSL. OBS LIGHT ON FENCE 96 FT FROM DER, 398 FT RIGHT OF CENTERLINE, 18 FT AGL/332 FT MSL. MULTIPLE TREES BEGINNING 325 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/507 FT MSL. EQUIPMENT ON BUILDING 3747 FT FROM DER, 59 FT AGL/421 FT MSL. LIGHTED POLES BEGINNING 3849 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 50 FT AGL/484 FT MSL. RWY 24: TREES BEGINNING 25 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/342 FT MSL.. ALL OTHER DATA REMAINS AS PUBLISHED. 1506161227-1512131227EST.

FDC 5/1574 CRQ STAR MC CLELLAN-PALOMAR, CARLSBAD, CA. FODRR ONE ARRIVAL...SXC TO OCN COP, SXC31NM OCN20NM. AVOLS TO PACIF MOCA 2000 1507281600-1609142359EST.

CHICO

Chico Muni

FDC 5/7007 CIC SID CHICO MUNI, CHICO, CA. CHICO TWO DEPARTURE...NOTE: RADAR REQUIRED. ALL OTHER DATA REMAINS AS PUBLISHED. 1509281424-1603261424EST.

FDC 5/2449 CIC SID CHICO MUNI, CHICO, CA. GONGS ONE DEPARTURE...TAKEOFF OBSTACLE NOTES: RWY 13L: TERRAIN 298 FT FROM DER, 534 FT LEFT OF CENTERLINE, 216 FT MSL. POLE 957 FT FROM DER, 735 FT LEFT OF CENTERLINE, 35 FT AGL/232 FT MSL. TREES BEGINNING 948 FT FROM DER, 559 FT LEFT OF CENTERLINE, UP TO 51 FT AGL/241 FT MSL. RWY 13R: PLANE ON TARMAC 582 FT FROM DER. 647 FT LEFT OF CENTERLINE, UP TO 40 FT AGL/255 FT MSL. RWY 31L: PLANE ON TARMAC 570 FT FROM DER, 647 FT RIGHT OF CENTERLINE, UP TO 40 FT AGL/279 FT MSL. TOWER 611 FT FROM DER, 349 FT RIGHT OF CENTERLINE, 35 FT AGL/267 FT MSL. RWY 31R: TREES BEGINNING 1124 FT FROM DER, RIGHT AND LEFT OF CENTERLINE, UP TO 60 FT AGL/282 FT MSL.. 1510261306-1604231306EST.

CHINO

Chino

FDC 5/4191 CNO IAP CHINO, CHINO, CA. ILS OR LOC RWY 26R, AMDT 8...CIRCLING CATS C/D MDA 1240/HAA 590. CHANGE ALTIMETER NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ONTARIO ALTIMETER SETTING AND INCREASE ALL DA 54 FEET AND ALL MDA 60 FEET, INCREASE S-ILS 26R ALL CATS, S-LOC 26R CAT D AND CIRCLING CAT C VISIBILITY 1/4 MILE. CHANGE HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS ILS OR LOC RWY 26R, AMDT 8A. 1510281537-PERM.

FDC 5/3001 CNO IAP CHINO, CHINO, CA. RNAV (GPS) RWY 26R, ORIG-C...CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DELETE WAAS SYMBOL. CHART ALTERNATE MINIMUMS: STANDARD. THIS IS RNAV (GPS) RWY 26R ORIG-D. 1510271310-PERM.

CLOVERDALE

Cloverdale Muni

FDC 5/5460 O60 IAP CLOVERDALE MUNI, CLOVERDALE, CA. RNAV (GPS) RWY 32, ORIG-A...LNAV MINIMUMS NA. HELICOPTER VISIBILITY REDUCTION BELOW 1SM NOT AUTHORIZED. 1506091404-1512061404EST.

COLUMBIA

Columbia

FDC 5/6067 O22 IAP COLUMBIA, COLUMBIA, CA. RNAV (GPS) RWY 35, ORIG...PROCEDURE NA AT NIGHT. 1510141310-1604111310EST.

FDC 5/5256 O22 IAP COLUMBIA, COLUMBIA, CA. RNAV (GPS) RWY 35, ORIG...LNAV MDA 3140 / HAT 1066 ALL CATS. LNAV VISIBILITY CAT A 1 1/4, CAT B 1 1/2, CAT C 3. CIRCLING MDA 3140 / HAA 1020 ALL CATS, CIRCLING VISIBILITY CAT A 1 1/4, CAT B 1 1/2, CAT C 3. 1508191530-1602151530EST.

FDC 5/4297 O22 IAP COLUMBIA, COLUMBIA, CA. RNAV (GPS) RWY 35, ORIG...VISUAL DESCENT ANGLE 3.03/54 TCH NOT AUTHORIZED. 1509021953-1602291953EST.

CONCORD

Buchanan Field

FDC 5/6380 CCR IAP BUCHANAN FIELD, CONCORD, CA. LDA RWY 19R, AMDT 7D...CIRCLING CAT A MDA 600/HAA 574. DME MINIMUMS: CIRCLING CAT A MDA 600/HAA 574. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. TERMINAL ROUTE FROM COLLI INT TO KANAN (CC) LOM MINIMUM ALTITUDE 5200. MSA FROM CCR VOR/DME: 090-180 MINIMUM ALTITUDE 5100, 180-360 MINIMUM ALTITUDE 4100. 1508201914-1602161914EST.

FDC 5/5603 CCR ODP BUCHANAN FIELD, CONCORD, CA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...TAKE-OFF MINIMUMS RWY 32L/R: STANDARD WITH MINIMUM CLIMB OF 320 TO 1400, OR 2200 - 3 FOR CLIMB IN VISUAL CONDITIONS.. TEXTUAL DEPARTURE PROCEDURE: FOR AIRCRAFT DEPARTING ALL RWYS AND USING THE CLIMB IN VISUAL CONDITIONS TO CROSS BUCHANAN AIRPORT NORTHBOUND AT OR ABOVE 2100 ON CCR R-173 TO CCR VOR/DME. WHEN EXECUTING VCOA, NOTIFY ATC PRIOR TO DEPARTURE, THENCE.... TEXTUAL DEPARTURE PROCEDURE: CHANGE...AIRCRAFT DEPARTING CCR VOR/DME NOTE TO READ:...AIRCRAFT DEPARTING CCR VOR/DME R-150 CLOCKWISE R-110 CLIMB ON COURSE. ALL OTHERS CLIMB IN CCR VOR/DME HOLDING PATTERN (HOLD N, LEFT TURNS, 191.00 INBOUND) TO CROSS CCR VOR/DME AT OR ABOVE 3400 FEET BEFORE PROCEEDING ON COURSE.. ALL OTHER DATA REMAINS AS PUBLISHED. 1509042008-1603022008EST.

CRESCENT CITY

Jack Mc Namara Field

FDC 5/0099 CEC IAP JACK MC NAMARA FIELD, CRESCENT CITY, CA. ILS OR LOC RWY 12, AMDT 9...VOR RWY 12, AMDT 12...VOR/DME RWY 12, AMDT 14...VOR/DME RWY 36, AMDT 12...ALTERNATE MINIMUMS NA, CEC VORTAC UNMONITORED. 1511090926-1605070925EST.

DAGGETT

Barstow-Daggett

FDC 5/6892 DAG IAP BARSTOW-DAGGETT, DAGGETT, CA. VOR OR TACAN RWY 22, AMDT 10A...TACAN PORTION NA, DAG TACAN AZIMUTH OUT OF SERVICE. 1511022012-1512012012EST.

DAVIS/WOODLAND/WINTERS

Yolo County

FDC 5/0476 DWA IAP YOLO COUNTY, DAVIS/WOODLAND/WINTERS, CA. RNAV (GPS) RWY 16, AMDT 2A...DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 16 PROCEDURE NA AT NIGHT. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. ADD NOTE: CIRCLING TO RWY 34 NA AT NIGHT. 1508271459-1602231459EST.

FDC 5/0474 DWA IAP YOLO COUNTY, DAVIS/WOODLAND/WINTERS, CA. RNAV (GPS) RWY 34, AMDT 2A...DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 34 PROCEDURE NA AT NIGHT. ADD NOTE: RWY 34 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. ADD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1508271457-1602231457EST.

FALLBROOK

Fallbrook Community Airpark

FDC 5/3351 L18 ODP FALLBROOK COMMUNITY AIRPARK, FALLBROOK, CA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKE-OFF MINIMUMS: RWY 36: STANDARD WITH MINIMUM CLIMB OF 340 FEET PER NM TO 5000. ALL OTHER DATA REMAINS AS PUBLISHED. 1510081310-1604051310EST.

FORTUNA

Rohnerville

FDC 5/1181 FOT IAP ROHNERVILLE, FORTUNA, CA. GPS RWY 11, ORIG...VISUAL SEGMENT - OBSTACLES. 1510060044-1604030044EST.

FRESNO

Fresno Chandler Executive

FDC 5/3574 FCH IAP FRESNO CHANDLER EXECUTIVE, FRESNO, CA. GPS RWY 30, ORIG-C...CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. TDZE 280. S-30 MDA 900/HAT 620 ALL CATS. THIS IS GPS RWY 30 ORIG-D. 1510271753-PERM.

FDC 5/3572 FCH IAP FRESNO CHANDLER EXECUTIVE, FRESNO, CA. GPS RWY 12, ORIG-B...CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BEREN ON V23 NORTHBOUND AND FOR ARRIVALS AT BLEAR ON V230-585 WESTBOUND. TDZE 280. S-12 MDA 820/HAT 540 ALL CATS. THIS IS GPS RWY 12 ORIG-C. 1510271753-PERM.

FULLERTON

Fullerton Muni

FDC 5/7251 FUL SID FULLERTON MUNI, FULLERTON, CA. ANAHEIM SIX DEPARTURE...TAKEOFF MINIMUMS: RWY 6, STANDARD WITH A MINIMUM CLIMB OF 383 FEET PER NM TO 600. ADD TAKEOFF OBSTACLE NOTE: RWY 6, TEMPORARY CRANE 5703 FEET FROM DER, 1743 FEET RIGHT OF CENTERLINE, 200 FEET AGL/ 313 FEET MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1511031600-1605011600EST.

FDC 5/7250 FUL ODP FULLERTON MUNI, FULLERTON, CA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 5...TAKEOFF MINIMUMS: RWY 6, STANDARD WITH A MINIMUM CLIMB OF 383 FEET PER NM TO 600. ADD NOTE: RWY 6, TEMPORARY CRANE 5703 FEET FROM DER, 1743 FEET RIGHT OF CENTERLINE, 200 FEET AGL/ 313 FEET MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1511031600-1605011600EST.

FDC 5/5678 FUL IAP FULLERTON MUNI, FULLERTON, CA. VOR-A, AMDT 7A...NOTE: NIGHT LANDING: RWY 6 NA.. 1509241433-1603221433EST.

FDC 5/5459 FUL IAP FULLERTON MUNI, FULLERTON, CA. LOC/DME RWY 24, ORIG-A...RNAV (GPS) RWY 24, ORIG-A...NOTE: NIGHT LANDING: RWY 6 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1509241316-1603221316EST.

GRASS VALLEY

Sierra Nevada Memorial Hospital

FDC 5/8202 CA15 SPECIAL SIERRA NEVADA MEMORIAL HOSPITAL, GRASS VALLEY, CA. COPTER RNAV (GPS) 046, ORIG...H-046 MDA 3120/HAL 402, VIS 1. 1511041920-1605021920EST.

FDC 5/7700 CA15 IAP SIERRA NEVADA MEMORIAL HOSPITAL, GRASS VALLEY, CA. COPTER RNAV (GPS) 047, AMDT 1...PROCEDURE NA. 1511041151-1605021151EST.

GROVELAND

Pine Mountain Lake

FDC 5/9796 E45 ODP PINE MOUNTAIN LAKE, GROVELAND, CA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKEOFF MINIMUMS: RWY 9, 600-2 3/4 OR STANDARD WITH MINIMUM CLIMB OF 400 FT PER NM TO 4000. ALL OTHER DATA REMAINS AS PUBLISHED. THIS IS TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, ORIG-A. 1511062108-PERM.

GUALALA

Redwood Coast Medical Services

FDC 5/5665 85CA SPECIAL REDWOOD COAST MEDICAL SERVICES, GUALALA, CA. COPTER RNAV (GPS) 015, ORIG...MSA FROM ILJEP 4800.. 1509241428-1603221428EST.

HALF MOON BAY

Half Moon Bay

FDC 5/9688 HAF ODP HALF MOON BAY, HALF MOON BAY, CA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG-A...TAKE-OFF MINIMUMS: RWY 12: STANDARD WITH MINIMUM CLIMB OF 306 FT PER NM TO 3400. ALL OTHER DATA REMAINS AS PUBLISHED. 1508261821-1602221821EST.

HEMET

Hemet-Ryan

FDC 5/4257 HMT ODP HEMET-RYAN, HEMET, CA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...RWY 23 NA - OBSTACLES.. 1510281555-1604251555EST.

LAKEPORT

Lampson Field

FDC 5/1798 102 IAP LAMPSON FIELD, LAKEPORT, CA. RNAV (GPS)-A, ORIG-A...CHART NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. AIRPORT ELEVATION 1380. CIRCLING CAT A/B HAA 1200. THIS IS RNAV (GPS)-A, ORIG-B. 1510231342-PERM.

LANCASTER

General Wm J Fox Airfield

FDC 5/0772 WJF ODP GENERAL WM J FOX AIRFIELD, LANCASTER, CA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG-A...TAKEOFF MINIMUMS: RWY 24, STANDARD WITH A MINIMUM CLIMB OF 210 FEET PER NM TO 4300. TEMPORARY CRANE 3772 MSL 9.32 NM SOUTHWEST OF DEPARTURE END OF RWY 24. ALL OTHER DATA REMAINS AS PUBLISHED. 1511101433-1512311433EST.

LODI

WalloM Field

FDC 5/5673 8CA8 SPECIAL WALLOM FIELD, LODI, CA. VOR RWY 35, ORIG...PROCEDURE NA. 1510301538-1604271538EST.

LOMPOC

Lompoc

FDC 5/7664 LPC ODP LOMPOC, LOMPOC, CA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...TAKEOFF MINIMUMS:RWY 7, STANDARD WITH A MINIMUM CLIMB OF 425 FT PER NM TO 1400, OR 1300-3 FOR CLIMB IN VISUAL CONDITIONS. ALL OTHER DATA REMAINS AS PUBLISHED. 1509291638-1603271638EST.

FDC 5/5766 LPC ODP LOMPOC, LOMPOC, CA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...TAKEOFF MINIMUMS: RWY 7, STANDARD WITH A MINIMUM CLIMB OF 425 FT PER NM TO 1400, OR 1300-3 FOR CLIMB IN VISUAL CONDITIONS. ALL OTHER DATA REMAINS AS PUBLISHED. THIS IS TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, AMDT 2A. 1510301619-PERM.

FDC 5/2611 LPC IAP LOMPOC, LOMPOC, CA. RNAV (GPS) RWY 25, AMDT 1A...CHART PROFILE NOTE: VGSI AND DESCENT ANGLE NOT COINCIDENT. CORRECT DESCENT ANGLE/TCH TO READ; CIKLO TO RW25: 3.74/40. THIS IS RNAV (GPS) RWY 25, AMDT 1B. 1510261548-PERM.

LONG BEACH

Long Beach /Daugherty Field/

FDC 5/1397 LGB SID LONG BEACH /DAUGHERTY FIELD/, LONG BEACH, CA. ANAHEIM SIX DEPARTURE...CHANGE TAKEOFF RUNWAY 07R TO READ, CLIMB HEADING 076 TO 800, THENCE...CHANGE TAKEOFF RUNWAY 12 TO READ, CLIMB HEADING 121 TO 800, THENCE...CHANGE TAKEOFF RUNWAY 25L TO READ, CLIMB HEADING 256 TO 800, THENCE...CHANGE TAKEOFF RUNWAY 30 TO READ, CLIMB HEADING 301 TO 800, THENCE...ALL OTHER DATA REMAINS AS PUBLISHED. 1510221819-1604191819EST.

LOS ANGELES

Los Angeles Intl

FDC 5/8455 LAX CA..SPECIAL NOTICE..LOS ANGELES INTERNATIONAL, CALIFORNIA, RUNWAY STATUS LIGHTS (RWSL) ARE IN AN OPERATIONAL TEST AND MUST BE COMPLIED WITH. RUNWAY STATUS LIGHTS ARE RED IN-PAVEMENT LIGHTS THAT SERVE AS WARNING LIGHTS ON RUNWAYS AND TAXIWAYS INDICATING THAT IT IS UNSAFE TO ENTER, CROSS, OR BEGIN TAKEOFF ON A RUNWAY. NOTE: RUNWAY STATUS LIGHTS INDICATE RUNWAY STATUS ONLY. THEY DO NOT INDICATE CLEARANCE. PILOTS AND VEHICLE OPERATORS MUST STILL RECEIVE A CLEARANCE FROM AIR TRAFFIC CONTROL BEFORE PROCEEDING. FOR ADDITIONAL INFORMATION VISIT: [HTTP://WWW.FAA.GOV/AIR_TRAFFIC/TECHNOLOGY/RWSL](http://www.faa.gov/air_traffic/technology/rwsl) 1506151530-1508201800.

FDC 5/5281 LAX SID LOS ANGELES INTL, LOS ANGELES, CA. LAXX SEVEN DEPARTURE...DEPARTURE ROUTE DESCRIPTION: TAKEOFF RUNWAYS 25L/R: CLIMB HEADING 250, AT THE SMO R-160 TURN LEFT HEADING 220, CROSS SMO R-160 AT OR BELOW 3000, EXPECT RADAR VECTORS TO ASSIGNED ROUTE/FIX/TRANSITION. THENCE.....ALL OTHER DATA REMAINS AS PUBLISHED.. 1508032001-1601302001EST.

FDC 5/5221 LAX IAP LOS ANGELES INTL, LOS ANGELES, CA. ILS OR LOC RWY 25R, AMDT 17C...S-LOC 25R MDA 600/ HAT 498 ALL CATS, VISIBILITY CATS A/B RVR 4000, CATS C/D RVR 5500. VDP AT I-CFN 3.33 DME; DISTANCE VDP TO THLD 1.35 MILES. CHANGE INOP NOTE TO READ: FOR INOPERATIVE MALSR, INCREASE S-LOC 25R CATS A/B VISIBILITY TO RVR 5000, CATS C/D VISIBILITY TO 1 3/8 MILE, INCREASE SIDESTEP 25L CATS C/D VISIBILITY TO 1 3/4 MILE, INOPERATIVE TABLE DOES NOT APPLY TO SIDESTEP 25L CATS A/B. EXCEPT WHEN ADVISED BY ATC THAT CRANE IS DOWN. TEMPORARY CRANE 350 MSL 2.00 NM NORTHEAST OF RWY 25R.. 1511181732-1512131732EST.

FDC 5/5095 LAX SID LOS ANGELES INTL, LOS ANGELES, CA. LOOP SEVEN DEPARTURE...DEPARTURE ROUTE DESCRIPTION: TAKEOFF RUNWAYS 25L, 25R: CLIMB HEADING 250, AT THE SMO VOR/DME R-160 TURN LEFT HEADING 235, CROSS SMO R-160 AT OR BELOW 3000, EXPECT RADAR VECTORS TO CROSS LAX VORTAC AT OR ABOVE 10000. THENCE.....ALL OTHER DATA REMAINS AS PUBLISHED.. 1508031553-1601301553EST.

FDC 5/5093 LAX SID LOS ANGELES INTL, LOS ANGELES, CA. SEBBY EIGHT DEPARTURE...DEPARTURE ROUTE DESCRIPTION: TAKEOFF RUNWAYS 25L, 25R: CLIMB HEADING 250, AT THE SMO VOR/DME R-160 TURN LEFT HEADING 220, CROSS SMO R-160 AT OR BELOW 3000, THENCE.....ALL OTHER DATA REMAINS AS PUBLISHED.. 1508031552-1601301551EST.

FDC 5/5083 LAX IAP LOS ANGELES INTL, LOS ANGELES, CA. ILS RWY 25L (CAT II & III)...PROCEDURE NA, EXCEPT WHEN ADVISED BY ATC THAT CRANE IS DOWN. TEMPORARY CRANE 244 MSL 1567 FEET SOUTHEAST OF RWY 25L 1510131253-1511211253EST.

FDC 5/5081 LAX IAP LOS ANGELES INTL, LOS ANGELES, CA. ILS OR LOC RWY 25L, AMDT 12C...S-ILS 25L DA 354/ HAT 250 ALL CATS, EXCEPT WHEN ADVISED BY ATC THAT CRANE IS DOWN. TEMPORARY CRANE 244 MSL 1567 FEET SOUTHEAST OF RWY 25L. 1510131253-1511211253EST.

FDC 5/4282 LAX IAP LOS ANGELES INTL, LOS ANGELES, CA. RNAV (RNP) Z RWY 6L, ORIG-B...RNP 0.30 DA 455/HAT 338 ALL CATS. 1510281706-1604251706EST.

FDC 5/3907 LAX IAP LOS ANGELES INTL, LOS ANGELES, CA. RNAV (RNP) Z RWY 24R, ORIG-B...RNP 0.16 DA 524/ HAT 404 ALL CATS, VISIBILITY ALL CATS RVR 5000. TEMPORARY CRANE 309 MSL 3257 FEET SOUTHEAST OF RWY 24R. 1511171433-1511251433EST.

FDC 5/1911 LAX IAP LOS ANGELES INTL, LOS ANGELES, CA. RNAV (RNP) Z RWY 7R, ORIG-B...RNP 0.12 DA 421/HAT 296 ALL CATS. TEMPORARY CRANE 318 MSL 4494 FEET NORTHEAST OF RWY 07R. 1510231630-1601261630EST.

MERCED

Merced Rgnl/Macready Field

FDC 5/6671 MCE IAP MERCED RGNL/MACREADY FIELD, MERCED, CA. RNAV (GPS) RWY 12, ORIG-A...NOTE: BARO-VNAV NA WHEN USING CASTLE ALTIMETER SETTING. NOTE: LNAV/VNAV NA WHEN BELOW -15C (5F) OR ABOVE 48C (118F). PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE 3.00/TCH 53). 1509251942-1603231942EST.

FDC 5/2723 MCE ODP MERCED RGNL/MACREADY FIELD, MERCED, CA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 5A...NOTE: RWY 12, TREE 1321 FT FROM DER, 785 FT LEFT OF CENTERLINE, 50 FT AGL/190 FT MSL. NOTE: RWY 30, BUSH 183 FT FROM DER, 490 FT RIGHT OF CENTERLINE, 20 FT AGL/161 FT MSL. BUSH 486 FT FROM DER, 604 FT LEFT OF CENTERLINE, 20 FT AGL/170 FT MSL. TREE 2457 FT FROM DER, 263 FT LEFT OF CENTERLINE, 50 FT AGL/220 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. THIS IS TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, AMDT 5B. 1510261750-PERM.

MODESTO

Modesto City-Co-Harry Sham Fld

FDC 5/9075 MOD IAP MODESTO CITY-CO-HARRY SHAM FLD, MODESTO, CA. ILS OR LOC/DME RWY 28R, AMDT 14A...S-LOC 28R: MDA 460/HAT 372 ALL CATS, VISIBILITY CAT C 3/4. 1508261200-1602221200EST.

FDC 5/1890 MOD IAP MODESTO CITY-CO-HARRY SHAM FLD, MODESTO, CA. VOR/DME RWY 28R, ORIG-A...S-28R MDA 500/ HAT 412 ALL CATS, VISIBILITY CAT C 3/4. VDP AT MOD 1.92 DME; DISTANCE VDP TO THLD 1.11 MILES. TOWER 234 MSL 4.18 NM SOUTHEAST OF RWY 28R.. 1510231509-1604201509EST.

MOUNTAIN VIEW

Moffett Federal Afd

FDC 5/9423 NUQ IAP U.S. DOD MOFFETT FEDERAL AFLD, MOUNTAIN VIEW, CA. TACAN RWY 32L, ORIG-A...S-32L MDA 800/ HAT 764 ALL CATS, VISIBILITY CAT B 1 1/4, CATS C/D/E 2 1/2. CIRCLING CATS A/B/C/D MDA 800/ HAA 764, VISIBILITY CAT B 1 1/4, CATS C/D/E 2 1/2. TEMPORARY CRANE 484 MSL 4.40 NM SOUTHEAST OF RWY 32L, TEMPORARY CRANE 459 MSL 4.51 NM SOUTHEAST OF RWY 32L. 1510201739-1604171739EST.

FDC 5/9422 NUQ IAP U.S. DOD MOFFETT FEDERAL AFLD, MOUNTAIN VIEW, CA. TACAN RWY 32R, ORIG-A...S-32R MDA 800/ HAT 769 ALL CATS, VISIBILITY CATS C/D/E 1 3/4. CIRCLING CATS A/B/C/D MDA 800/ HAA 763, VISIBILITY CAT B 1 1/4, CAT C 2 1/4, CAT D 2 1/2. VDP AT NUQ 3.98 DME; DISTANCE VDP TO THLD 2.22 MILES. CHANGE INOP NOTE TO READ: FOR INOPERATIVE ALSF, INCREASE S-32R CAT A VISIBILITY TO RVR 5000, CAT B TO RVR 6000, CATS C/D/E TO 2 1/2. TEMPORARY CRANE 459 MSL 4.53 NM EAST OF RWY 32R, TEMPORARY CRANE 484 MSL 4.42 NM SOUTHEAST OF RWY 32R. 1510201739-1604171739EST.

FDC 5/9421 NUQ IAP MOFFETT FEDERAL AFLD, MOUNTAIN VIEW, CA. LOC/DME RWY 14L, ORIG-A...CIRCLING MDA 800/ HAA 763 ALL CATS, VISIBILITY CAT C 2 1/4, CAT D 2 1/2. TEMPORARY CRANE 459 MSL 4.53 NM SOUTHEAST OF RWY 32R, TEMPORARY CRANE 484 MSL 4.42 NM SOUTHEAST OF RWY 32R. 1510201739-1604171739EST.

FDC 5/8721 NUQ IAP U.S. DOD MOFFETT FEDERAL AFLD, MOUNTAIN VIEW, CA. ILS OR LOC/DME RWY 32R, ORIG-A...S-LOC 32R MDA 800/ HAT 769 ALL CATS, VISIBILITY CATS C/D/E 1 3/4. CIRCLING CATS A/B/C/D MDA 800/ HAA 763, VISIBILITY CAT B 1 1/4, CAT C 2 1/4, CAT D 2 1/2. CHANGE INOP NOTE TO READ: FOR INOPERATIVE ALSF, INCREASE S-LOC 32R CAT A VISIBILITY TO RVR 5000, CAT B TO RVR 6000, CATS C/D/E TO 2 1/2. TEMPORARY CRANE 459 MSL 4.53 NM SOUTHEAST OF RWY 32R, TEMPORARY CRANE 484 MSL 4.42 NM SOUTHEAST OF RWY 32R. 1510191330-1604161330EST.

FDC 5/4574 NUQ STAR MOFFETT FEDERAL AFLD, MOUNTAIN VIEW, CA. POINT REYES ONE ARRIVAL SAC VORTAC TO POPES INT, MEA 5100. 1501161700-1601161700EST.

NAPA

Napa County

FDC 5/7620 APC IAP NAPA COUNTY, NAPA, CA. VOR RWY 6, AMDT 13...NOTE: NIGHT LANDING: RWY 6 NA. 1507201129-1601161129EST.

FDC 5/2791 APC IAP NAPA COUNTY, NAPA, CA. ILS OR LOC RWY 36L, ORIG-A...RNAV (GPS) Y RWY 36L, AMDT 2...NOTE: NIGHT LANDING: RWY 6 NA. HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1506231318-1512201318EST.

OAKDALE

Oakdale

FDC 5/2586 O27 IAP OAKDALE, OAKDALE, CA. RNAV (GPS) RWY 10, AMDT 1A...RNAV/VNAV DA 547/HAT 310 ALL CATS. CHANGE PLANVIEW NOTE TO READ: PROCEDURE NA FOR ARRIVALS ON ECA VOR/DME AIRWAY RADIALS 360 CW 124. THIS IS RNAV (GPS) RWY 10, AMDT 1B. 1510261516-PERM.

OAKLAND

Metropolitan Oakland Intl

FDC 5/8616 OAK SID METROPOLITAN OAKLAND INTL, OAKLAND, CA. CNDEL THREE DEPARTURE (RNAV)...DEPARTURE ROUTE DESCRIPTION: YYUNG TRANSITION NA. ALL OTHER DATA REMAINS AS PUBLISHED 1509150700-1609142359EST.

FDC 5/5462 OAK IAP METROPOLITAN OAKLAND INTL, OAKLAND, CA. ILS OR LOC RWY 30, AMDT 28...ILS RWY 30 (SA CAT I), AMDT 28...ILS RWY 30 (CAT II & III), AMDT 28...CHANGE PLANVIEW NOTE TO READ: GPS OR RADAR REQUIRED. 1509241319-1603221319EST.

FDC 5/0774 OAK IAP METROPOLITAN OAKLAND INTL, OAKLAND, CA. RNAV (GPS) Y RWY 28R, AMDT 2B...LNAV MDA 540/ HAT 533 ALL CATS, VISIBILITY CATS C/D RVR 5500. VDP 1.50 NM TO RW28R. TEMPORARY CRANE 280 MSL 2.16 NM EAST OF RWY 28R.. 1510051416-1512241416EST.

OCEANSIDE

Oceanside Muni

FDC 5/1491 OKB IAP OCEANSIDE MUNI, OCEANSIDE, CA. GPS RWY 24, ORIG-B...DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD NOTE: PROCEDURE NA AT NIGHT. NOTE: NIGHT LANDING: RWY 06 NA. 1506031429-1511301429EST.

FDC 5/1489 OKB IAP OCEANSIDE MUNI, OCEANSIDE, CA. VOR-A, AMDT 3D...NOTE: NIGHT LANDING: RWY 06 NA. 1506031426-1511301426EST.

ONTARIO

Ontario Intl

FDC 5/4466 ONT IAP ONTARIO INTL, ONTARIO, CA. ILS OR LOC RWY 26R, AMDT 4...DISREGARD OM INDICATION. 1510282053-1604252053EST.

FDC 5/1445 ONT IAP ONTARIO INTL, ONTARIO, CA. RNAV (RNP) Z RWY 26L, ORIG-C...RNP 0.30 DA 1432/HAT 506 ALL CATS, VISIBILITY ALL CATS RVR 6000. FOR INOPERATIVE ALSAF, INCREASE RNP 0.30 DA CAT ABCD VISIBILITY TO 1 3/4 MILES. 1506191709-1512161709EST.

FDC 5/1444 ONT IAP ONTARIO INTL, ONTARIO, CA. RNAV (RNP) Z RWY 26R, ORIG-C...RNP 0.30 DA 1431/HAT 499 ALL CATS, VISIBILITY ALL CATS RVR 6000. FOR INOPERATIVE MALSR, INCREASE RNP 0.30 DA CAT ABCD VISIBILITY TO 1 5/8 MILES. 1506191709-1512161709EST.

FDC 5/1443 ONT IAP ONTARIO INTL, ONTARIO, CA. RNAV (RNP) Z RWY 8L, ORIG-C...RNP 0.30 DA 1506/HAT 562 ALL CATS. 1506191708-1512161708EST.

OROVILLE

Oroville Hospital

FDC 5/6335 CN52 SPECIAL OROVILLE HOSPITAL, OROVILLE, CA. COPTER RNAV (GPS) 090, ORIG...LNAV MDA 680/HAS 316, VISIBILITY 3/4 MILE. 1509251251-1603231251EST.

OXNARD

Oxnard

FDC 4/1864 OXR SPECIAL OXNARD AIRPORT, OXNARD, CA. FOR AFTER HOURS IFR FLT PLANS...CONTACT LOS ANGELES CENTER 661 575-2052. 1408081900-1712312359.

PALM SPRINGS

Palm Springs Intl

FDC 5/6343 PSP SID PALM SPRINGS INTL, PALM SPRINGS, CA. PALM SPRINGS FIVE DEPARTURE...TAKE-OFF MINIMUMS RWY 31L/R, NA. ALL OTHER DATA REMAINS AS PUBLISHED. 1508201844-1602161842EST.

PALMDALE

Palmdale Usaf Plant 42

FDC 5/8592 PMD IAP PALMDALE USAF PLANT 42, PALMDALE, CA. VOR/DME OR TACAN RWY 25, AMDT 7...TACAN PORTION NA, PMD TACAN AZIMUTH OUT OF SERVICE. 1509101848-1603081848EST.

PALO ALTO

Palo Alto

FDC 5/9799 PAO IAP PALO ALTO, PALO ALTO, CA. VOR/DME RWY 31, ORIG-D...S-31: CAT A/B MDA 500/HAT 493, CIRCLING CAT A MDA 500/HAA 493. NORMAN Y MINETA SAN JOSE INTL ALTIMETER SETTING MINIMUMS: S-31 CAT A/B MDA 540/HAT 533, CIRCLING CAT A MDA 540/HAA 533. CHART FAS OBST: 240 TOWER 372443N/1220312W. DELETE PROFILE NOTE: VGSI AND DESCENT ANGLE NOT COINCIDENT (VGSI 4.00/TCH 29). THIS IS VOR/DME RWY 31, ORIG-E. 1511062114-PERM.

FDC 5/4573 PAO STAR PALO ALTO AIRPORT, PALO ALTO, CA. POINT REYES ONE ARRIVAL...SAC VORTAC TO POPES INT, MEA 5100. 1501161700-1601161700EST.

FDC 5/0244 PAO IAP PALO ALTO ARPT OF SANTA CLARA CO, PALO ALTO, CA. GPS RWY 31, AMDT 1B...S-31 MDA 540/ HAT 537 ALL CATS. CIRCLING MDA 540/ HAT 537 ALL CATS. NORMAN Y MINETA SAN JOSE INTL ALTIMETER SETTING MINIMUMS: S-31 MDA 580/ HAT 577 ALL CATS. CIRCLING MDA 580/ HAT 577 ALL CATS. UTILITY POLE 274 MSL 4.85 NM SOUTHEAST OF RWY 31 1507241910-1601201910EST.

PASO ROBLES

Paso Robles Muni

FDC 5/4078 PRB IAP PASO ROBLES MUNI, PASO ROBLES, CA. RNAV (GPS) RWY 19, AMDT 1...LPV DA 1053/HAT 250 ALL CATS, VISIBILITY ALL CATS 7/8.. 1508181341-1602141341EST.

PLACERVILLE

Placerville

FDC 5/4870 PVF IAP PLACERVILLE, PLACERVILLE, CA. RNAV (GPS) RWY 5, AMDT 2...LNAV/VNAV DA 2870/HATH 289, VIS 1 ALL CATS. LNAV MDA 3040/HATH 459 ALL CATS. 1506081517-1512051517EST.

RAMONA

Ramona

FDC 5/8580 RNM IAP RAMONA, RAMONA, CA. RNAV (GPS) RWY 9, AMDT 1...CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 34:1 IS NOT CLEAR. THIS IS RNAV (GPS) RWY 9, AMDT 1A. 1511051608-PERM.

FDC 5/3290 RNM IAP RAMONA, RAMONA, CA. VOR/DME-A, AMDT 2...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. JLI TACAN OUT OF SERVICE. 1511160850-1605140850EST.

RED BLUFF

Red Bluff Muni

FDC 5/1922 RBL IAP RED BLUFF MUNI, RED BLUFF, CA. RNAV (GPS) RWY 33, ORIG...LNAV/VNAV DA 746/HAT 394, VIS 1 1/2 ALL CATS. CIRCLING CATS A/B/C MDA 860/HAA 508...1510231649-1604201649EST.

REDDING

Redding Muni

FDC 5/8961 RDD IAP REDDING MUNI, REDDING, CA. VOR RWY 34, AMDT 10E...DME MINIMUMS: CIRCLING CAT A MDA 940/HAA 438. 1510011130-1603291130EST.

RIO VISTA

Rio Vista Muni

FDC 5/0407 O88 ODP RIO VISTA MUNI, RIO VISTA, CA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1A...TAKEOFF MINIMUMS: RWY 25, STANDARD WITH MINIMUM CLIMB OF 270 FT PER NM TO 800.. ALL OTHER DATA REMAINS AS PUBLISHED. 1508271413-1602231413EST.

RIVERSIDE

Riverside Muni

FDC 5/7059 RAL ODP RIVERSIDE MUNI, RIVERSIDE, CA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 10...TEXTUAL DEPARTURE PROCEDURE : CHANGE RWY 34 TO READ: CLIMB HEADING 345 TO 1800 THEN CLIMBING LEFT TURN DIRECT PDZ VORTAC, THENCE& ALL OTHER DATA REMAINS AS PUBLISHED. 1509281504-1603261504EST.

FDC 5/5164 RAL IAP RIVERSIDE MUNI, RIVERSIDE, CA. ILS OR LOC RWY 9, AMDT 8C...S-ILS 9 (ASTERISK) VISIBILITY 3/4 MILE ALL CATS. S-ILS 9 VISIBILITY 1 MILE ALL CATS. S-LOC 9 (ASTERISK) VISIBILITY CATS A/B 1 MILE, CATS C/D 1 3/8 MILE. S-LOC 9 VISIBILITY CATS A/B 1 MILE, CATS C/D 1 5/8 MILE.. DISREGARD NOTE: FOR INOPERATIVE MALSR, INCREASE S-ILS 9 VISIBILITY TO 1 MILE.. 1508191521-1602151521EST.

RIVERSIDE/RUBIDOUX/

Flabob

FDC 5/1930 RIR IAP FLABOB, RIVERSIDE/RUBIDOUX/, CA. RNAV (GPS)-A, ORIG...DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. ADD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1510231709-1604201709EST.

SACRAMENTO

Sacramento Intl

FDC 5/0405 SMF IAP SACRAMENTO INTL, SACRAMENTO, CA. ILS OR LOC RWY 34L, AMDT 7D...S-ILS 34L VISIBILITY RVR 2400 ALL CATS. NOTE: (ASTERISK) RVR 1800 AUTHORIZED WITH THE USE OF FD OR AP OR HUD TO DA. 1506011806-1511281806EST.

Sacramento Mather

FDC 5/5118 MHR IAP SACRAMENTO MATHER, SACRAMENTO, CA. RNAV (GPS) RWY 22L, AMDT 2A...CHANGE INOP NOTE TO READ: FOR INOPERATIVE MALSR, INCREASE LNAV CATS C AND D VISIBILITY TO 1 3/8 MILE. 1508191450-1602151450EST.

SAN ANDREAS

Calaveras Co-Maury Rasmussen Field

FDC 5/7839 CPU SPECIAL CALAVERAS CO-MAURY RASMUSSEN FIELD, SAN ANDREAS, CA. COPTER GPS RWY 31, ORIG...PROCEDURE NA. 1511041334-1605021334EST.

SAN CARLOS

San Carlos

FDC 5/8966 SQL IAP SAN CARLOS, SAN CARLOS, CA. RNAV (GPS) Y RWY 30, ORIG...CHANGE MISSED APPROACH TO READ: CLIMBING LEFT TURN TO 5100 DIRECT AMEBY, CONTINUE CLIMB-IN-HOLD TO 5100. 1510191924-1604161924EST.

FDC 5/8962 SQL IAP SAN CARLOS, SAN CARLOS, CA. RNAV (GPS) Z RWY 30, AMDT 1...LNAV MDA 600/HAT 595 ALL CATS CIRCLING CAT A MDA 600/HAA 595. CHANGE MISSED APPROACH CLIMB GRADIENT NOTE TO READ: MISSED APPROACH REQUIRES MINIMUM CLIMB TO 350 FEET PER NM TO 4300. CHANGE MISSED APPROACH TO READ: CLIMBING LEFT TURN TO 4300 DIRECT AMEBY AND HOLD. 1510191917-1604161917EST.

FDC 5/4572 SQL STAR SAN CARLOS AIRPORT, SAN CARLOS, CA. POINT REYES ONE ARRIVAL...SAC VORTAC TO POPES INT, MEA 5100. 1501161700-1601161700EST.

SAN DIEGO

Montgomery Field

FDC 5/8135 MYF IAP MONTGOMERY FIELD, SAN DIEGO, CA. ILS OR LOC RWY 28R, AMDT 4A...CIRCLING MDA 1180/ HAA 753 ALL CATS, VISIBILITY CAT B 1 1/4. ALTERNATE MINIMUMS: AS PUBLISHED, EXCEPT ILS 700-2. TEMPORARY CRANE 812 MSL 1.08 NM NORTHEAST OF MYF AIRPORT. 1508061202-1601081202EST.

FDC 5/8134 MYF IAP MONTGOMERY FIELD, SAN DIEGO, CA. RNAV (GPS) RWY 28R, AMDT 1A...CIRCLING MDA 1180/ HAA 753 ALL CATS, VISIBILITY CAT B 1 1/4. TEMPORARY CRANE 812 MSL 1.08 NM NORTHEAST OF MYF AIRPORT. 1508061201-1601081201EST.

FDC 5/7104 MYF ODP MONTGOMERY FIELD, SAN DIEGO, CA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3A...TAKEOFF MINIMUMS: RWY 5, STANDARD WITH MINIMUM CLIMB OF 338 FT PER NM TO 2200. DEPARTURE PROCEDURE: ALL AIRCRAFT - CHANGE TO: CLIMB DIRECT TO MZB VORTAC. AIRCRAFT DEPARTING MZB R-090 CW R-360 CLIMB ON COURSE. ALL OTHERS CLIMB IN MZB HOLDING PATTERN (W, RIGHT TURNS, 075 INBOUND) TO CROSS MZB VORTAC AT OR ABOVE 3000.. ALL OTHER DATA REMAINS AS PUBLISHED. 1509281643-1603261643EST.

San Diego Intl

FDC 5/6344 SAN VFP SAN DIEGO INTL, SAN DIEGO, CA. SWEETWATER VISUAL RWY27...PROCEDURE NA AT NIGHT 1508201900-1602040901.

FDC 5/3176 SAN IAP SAN DIEGO INTL, SAN DIEGO, CA. LOC RWY 27, AMDT 5C...CIRCLING CATS A/B/C MDA 880/ HAA 863, VISIBILITY CAT B 1 1/4, CAT C 2 1/2. TEMPORARY CRANES UP TO 580 MSL BEGINNING 5259 FEET SOUTHEAST OF RWY 27. 1510271348-1604241348EST.

FDC 5/3173 SAN IAP SAN DIEGO INTL, SAN DIEGO, CA. RNAV (GPS) RWY 9, AMDT 1...LPV DA 328/ HAT 311 ALL CATS. CIRCLING CATS A/B/C MDA 880/ HAA 863, VISIBILITY CAT B 1 1/4, CAT C 2 1/2. DISREGARD NOTE: INOP TABLE DOES NOT APPLY TO LPV ALL CATS. TEMPORARY CRANES UP TO 580 MSL BEGINNING 5259 FEET SOUTHEAST OF RWY 27. 1510271348-1604241348EST.

FDC 5/3172 SAN IAP SAN DIEGO INTL, SAN DIEGO, CA. ILS OR LOC RWY 9, AMDT 2...S-ILS 9# DA 279/ HAT 262 ALL CATS. TEMPORARY CRANES UP TO 580 MSL BEGINNING 5259 FEET SOUTHEAST OF RWY 27. 1510271348-1604241348EST.

FDC 5/1594 SAN IAP SAN DIEGO INTL, SAN DIEGO, CA. RNAV (GPS) RWY 27, AMDT 3D...LNAV MDA 840/ HAT 823 ALL CATS. CIRCLING CATS A/B/C MDA 880/ HAA 863. TEMPORARY CRANES UP TO 580 MSL BEGINNING 5259 FEET SOUTHEAST OF RWY 27 1511121307-1511301307EST.

SAN DIEGO/EL CAJON

Gillespie Field

FDC 5/4314 SEE ODP GILLESPIE FIELD, SAN DIEGO/EL CAJON, CA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 5...ADD NOTE: RWY 17, TEMPORARY CRANE 1928 FEET FROM DER, 652 FEET LEFT OF CENTERLINE, 125 FEET AGL/ 524 FEET MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1509221301-1512081301EST.

SAN FRANCISCO

San Francisco Intl

FDC 5/8030 SFO SID SAN FRANCISCO INTL, SAN FRANCISCO, . SSTIK THREE DEPARTURE (RNAV)...WESLA THREE DEPARTURE (RNAV)...YYUNG TRANSITION NA. ALL OTHER DATA REMAINS AS PUBLISHED. 1510161544-1604131544EST.

FDC 5/7988 SFO STAR SAN FRANCISCO INTL, SAN FRANCISCO, CA. RISTI FOUR ARRIVAL ADD NOTE TO READ: PROPS AND TURBO PROPS ONLY. 1510161300-1610152359.

FDC 5/2926 SFO STAR SAN FRANCISCO INTL., SAN FRANCISCO, CA. POINT REYES ONE ARRIVAL SAC VORTAC TO POPES INT, MEA 5100. 1501142100-1601142100EST.

FDC 5/0051 SFO STAR SAN FRANCISCO INTL, SAN FRANCISCO, CA. DYAMD TWO ARRIVAL (RNAV) CHANGE ALTITUDE RESTRICTION AT ARCHI TO READ: 8000. ALL OTHER DATA REMAINS AS PUBLISHED. 1510021330-1610012359EST.

FDC 4/5867 SFO STAR SAN FRANCISCO INTL., SAN FRANCISCO, CA. BIG SUR TWO ARRIVAL...FROM OVER BSR VORTAC TO CARMÉ, THENCE FROM OVER CARMÉ TO ANJEE INT REVISE MINIMUM EN ROUTE ALTITUDE TO READ: 11000FT. 1412091900-1512091900EST.

FDC 4/5863 SFO STAR SAN FRANCISCO INTL., SAN FRANCISCO, CA. BIG SUR TWO ARRIVAL...FROM OVER ANJEE INT CHANGE MINIMUM HOLDING ALTITUDE TO READ: 11000FT. 1412091900-1512091900EST.

SAN JOSE

Norman Y Mineta San Jose Intl

FDC 5/9385 SJC IAP NORMAN Y MINETA SAN JOSE INTL, SAN JOSE, CA. VOR RWY 12R, AMDT 5...S-12R MDA 600/HAT 554 ALL CATS, VISIBILITY CATS A/B 3/4, CATS C/D 1 1/4. SIDESTEP RWY 12L MDA 600/HAT 556 ALL CATS. VDP 1.19 DME FROM SJC VOR/DME. TEMPORARY CRANE 289 MSL 1.35 NM WEST OF RWY 12R.. 1510201702-1511211702EST.

FDC 5/8642 SJC STAR NORMAN Y. MINETA, SAN JOSE INTL, SAN JOSE CA. RAZRR TWO ARRIVAL (RNAV) HOLDING AT SCOPR NA. ALL OTHER DATA REMAINS AS PUBLISHED 1508251800-1608242300.

FDC 5/8641 SJC STAR NORMAN Y. MINETA, SAN JOSE INTL, SAN JOSE CA. SILCN TWO ARRIVAL (RNAV) HOLDING AT GSTEE NA. ALL OTHER DATA REMAINS AS PUBLISHED 1508251800-1608242300.

FDC 5/4577 SJC STAR NORMAN Y. MINETA, SAN JOSE INTL, SAN JOSE, CA. POINT REYES ONE ARRIVAL...SAC VORTAC TO POPES INT, MEA 5100. 1501161700-1601161700EST.

Reid-Hillview Of Santa Clara County

FDC 5/4575 RHV STAR REID-HILLVIEW ARPT, REID HILLVIEW, CA. POINT REYES ONE ARRIVAL SAC VORTAC TO POPES INT, MEA 5100. 1501161700-1601161700EST.

SANTA ANA

John Wayne Airport-Orange County

FDC 5/6065 SNA IAP JOHN WAYNE AIRPORT-ORANGE COUNTY, SANTA ANA, CA. RNAV (GPS) RWY 2L, AMDT 1...DISREGARD NOTE: DESCENT ANGLE NA. VDA 3.01/51 TCH.. 1510141308-1604111308EST.

FDC 5/5981 SNA SID JOHN WAYNE AIRPORT-ORANGE COUNTY, SANTA ANA, CA. MUSEL SEVEN DEPARTURE...TAKEOFF RUNWAY 20L NA.. 1510141243-1604111243EST.

SANTA BARBARA

Santa Barbara Muni

FDC 5/9369 SBA IAP SANTA BARBARA MUNI, SANTA BARBARA, CA. ILS OR LOC RWY 7, AMDT 5...RNAV (GPS) RWY 7, ORIG-A...VOR OR GPS RWY 25, AMDT 6B...NOTE: NIGHT LANDING: RWY 15R NA. 1507231135-1601191135EST.

SANTA MARIA

Platform Harvest

FDC 5/4625 CL68 SPECIAL PLATFORM HARVEST, SANTA MARIA, CA. COPTER OFFSHORE ARA HARVEST, ORIG...PROCEDURE NA. 1510291148-1604261148EST.

SANTA MONICA

Santa Monica Muni

FDC 5/5696 SMO IAP SANTA MONICA MUNI, SANTA MONICA, CA. VOR OR GPS-A, AMDT 10D...CULVE DME/RADAR FIX MINIMUMS NA. 1509241440-1603221440EST.

FDC 4/4705 SMO CHART CORRECT SEE FDC 4/4624 FDC U.S. GOVT. LOS ANGELES HELICOPTER ROUTE CHART 9TH EDITION EFFECTIVE JUNE 30, 2011. 1405022000-PERM.

FDC 4/0035 SMO STAR SANTA MONICA MUNICIPAL AIRPORT, SANTA MONICA, CA. KIMMO3 ARRIVAL...LANDING SMO, FROM OVER DARTS INT, EXPECT RADAR VECTORS TO FINAL APPROACH COURSE. 1407240000-1605312359.

SANTA YNEZ

Santa Ynez

FDC 5/8363 IZA ODP SANTA YNEZ, SANTA YNEZ, CA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...ADD NOTE: RWY 26, TEMPORARY CRANE 1888 FEET FROM DER, 108 FEET RIGHT OF CENTERLINE, 184 FEET AGL/733 FEET MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1507211706-1601171706EST.

SOUTH LAKE TAHOE

Lake Tahoe

FDC 5/4304 TVL IAP LAKE TAHOE, SOUTH LAKE TAHOE, CA. GPS RWY 18, ORIG-A...S-18 VIS 4 ALL CATS. CIRCLING VIS 4 ALL CATS. FLY VISUAL 172 DEGREES - 2.7 NM.. 1509021958-1602291958EST.

FDC 5/4303 TVL IAP LAKE TAHOE, SOUTH LAKE TAHOE, CA. LDA/DME 1 RWY 18, AMDT 7B...LDA/DME 2 RWY 18, AMDT 1B...S-18 VIS 6 ALL CATS. CIRCLING VIS 6 ALL CATS. FLY VISUAL 172 DEGREES - 4.5NM. 1509021958-1602291958EST.

ST HELENA

Napa County Fire Dept

FDC 5/6128 CL39 SPECIAL NAPA COUNTY FIRE DEPT, ST HELENA, CA. COPTER GPS 293, ORIG...COPTER RNAV (GPS) 293, AMDT 1...PROCEDURE NA 1510310808-1604280808EST.

STOCKTON

Stockton Metropolitan

FDC 5/2685 SCK IAP STOCKTON METROPOLITAN, STOCKTON, CA. ILS OR LOC RWY 29R, AMDT 20A...RNAV (GPS) RWY 11L, ORIG...RNAV (GPS) RWY 29R, ORIG...VOR RWY 29R, AMDT 18E...CIRCLING MDA 640 HAA 607 CAT C.. 1507091216-1601051216EST.

UPLAND

Cable

FDC 5/8895 CCB ODP CABLE, UPLAND, CA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3...TAKEOFF MINIMUMS: RWY 6, 300-1 3/4 OR STANDARD WITH MINIMUM CLIMB OF 325 FT PER NM TO 1900. ALL OTHER DATA REMAINS AS PUBLISHED. 1506161230-1512131230EST.

FDC 5/6055 CCB IAP CABLE, UPLAND, CA. RNAV (GPS) RWY 6, AMDT 1A...LP MDA 2580/HAT 1150 ALL CATS, VISIBILITY CAT A 1 1/4, CAT B 1 1/2, CAT C 3. LNAV MDA 2620/HAT 1190 ALL CATS, VISIBILITY CAT A 1 1/4, CAT B 1 1/2, CAT C 3. CIRCLING MDA 2620/HAA 1176 ALL CATS, VISIBILITY CAT A 1 1/4, CAT B 1 1/2, CAT C 3. CHANGE MISSED APPROACH TO READ: CLIMB TO 1900, THEN CLIMBING RIGHT TURN TO 5900 DIRECT ADAMM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5900. 1509241808-1603221803EST.

FDC 5/5471 CCB IAP CABLE, UPLAND, CA. VOR-A, ORIG...PROCEDURE NA AT NIGHT. 1509241322-1603221322EST.

VACAVILLE

Nut Tree

FDC 5/8920 VCB IAP NUT TREE, VACAVILLE, CA. RNAV (GPS) Y RWY 20, ORIG-A...RNAV (GPS) Z RWY 20, ORIG-B...PROCEDURE NA. 1510191843-1604161843EST.

FDC 5/8912 VCB ODP NUT TREE, VACAVILLE, CA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 4...DEPARTURE PROCEDURE NA. 1510191836-1604161836EST.

FDC 5/8910 VCB SID NUT TREE, VACAVILLE, CA. SOKOY TWO DEPARTURE...DEPARTURE PROCEDURE NA. 1510191836-1604161836EST.

VAN NUYS

Van Nuys

FDC 5/6699 VNY IAP VAN NUYS, VAN NUYS, CA. ILS RWY 16R, AMDT 5H...S-ILS 16R VISIBILITY RVR 5000 ALL CATS.. CHANGE HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW RVR 5000 NOT AUTHORIZED.. THIS IS ILS RWY 16R, AMDT 5I. 1511021732-PERM.

FDC 5/2007 VNY IAP VAN NUYS, VAN NUYS, CA. VOR/DME OR GPS-B, AMDT 2B...VOR/DME PORTION NA, VNY DME OUT OF SERVICE. 1511121544-1605101543EST.

FDC 5/1986 VNY STAR VAN NUYS AIRPORT, VAN NUYS CA. JANNY TWO ARRIVAL. PROCEDURE NA. 1508311600-1609152359.

VICTORVILLE

Southern California Logistics

FDC 5/6878 VCV ODP SOUTHERN CALIFORNIA LOGISTICS, VICTORVILLE, CA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...DEPARTURE PROCEDURE : RWYS 17, 21, 35 NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEMS WITH GPS, VCV VOR/DME OTS. RWY 3: NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEMS WITH GPS OR FOR CLIMB IN VISUAL CONDITIONS CROSS SOUTHERN CALIFORNIA LOGISTICS AIRPORT AT OR ABOVE 8000 BEFORE PROCEEDING ON COURSE. ALL OTHER DATA REMAINS AS PUBLISHED.
1511021923-1604301923EST.

FDC 5/6875 VCV IAP SOUTHERN CALIFORNIA LOGISTICS, VICTORVILLE, CA. VOR/DME RWY 17, AMDT 1...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. VCV DME OUT OF SERVICE.
1511021921-1604301921EST.

FDC 5/6874 VCV IAP SOUTHERN CALIFORNIA LOGISTICS, VICTORVILLE, CA. ILS OR LOC RWY 17, AMDT 2...RADAR REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. VCV DME OUT OF SERVICE.
1511021921-1604301921EST.

FDC 5/6872 VCV IAP SOUTHERN CALIFORNIA LOGISTICS, VICTORVILLE, CA. VOR/DME RWY 17, AMDT 1...PROCEDURE NA.. VICTORVILLE (VCV) VOR OUT OF SERVICE. 1511021920-1604301920EST.

VISALIA

Visalia Muni

FDC 5/7679 VIS IAP VISALIA MUNI, VISALIA, . ILS OR LOC/DME RWY 30, AMDT 7A...S-ILS 30 DA 545/HAT 250, VIS 1 ALL CATS. S-LOC 30 MDA 640/HAA 345, VIS 1 ALL CATS.
1510151928-1604121928EST.

WATSONVILLE

Watsonville Muni

FDC 5/4262 WVI IAP WATSONVILLE MUNI, WATSONVILLE, CA. LOC RWY 2, AMDT 4A...RNAV (GPS) RWY 2, AMDT 1B...VOR/DME-A, AMDT 1...NOTE: NIGHT LANDING RWY 9, 20, 27 NA..
1510281602-1604251602EST.

WILLOWS

Willows-Glenn County

FDC 5/2650 WLW ODP WILLOWS-GLENN COUNTY, WILLOWS, CA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1A...TAKEOFF OBSTACLE NOTES: RWY 16, POLES BEGINNING 14 FT FROM DER, 409 FT RIGHT OF CENTERLINE UP TO 35 FT AGL/172 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. THIS IS TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, AMDT 1B. 1510261629-PERM.

COLORADO

ASPEN

Aspen-Pitkin Co/Sardy Field

FDC 5/1157 ASE SID ASPEN-PITKIN CO/SARDY FIELD, ASPEN, CO. ASPEN FIVE DEPARTURE...LINDZ EIGHT DEPARTURE...PKN BACK COURSE UNUSABLE BEYOND 25 DEGREES LEFT OF COURSE (SOUTH) AND BEYOND 30 DEGREES RIGHT OF COURSE (NORTH). 1508112110-1602072110EST.

FDC 5/1154 ASE IAP ASPEN-PITKIN CO/SARDY FIELD, ASPEN, CO. LOC/DME-E, AMDT 1B...VOR/DME-C, AMDT 5...PKN BACK COURSE UNUSABLE BEYOND 25 DEGREES LEFT OF COURSE (SOUTH) AND BEYOND 30 DEGREES RIGHT OF COURSE (NORTH). 1508112110-1602072110EST.

AURORA

Buckley AFB

FDC 5/0681 BKF SID BUCKLEY AFB, AURORA, CO. PLAINS SEVEN DEPARTURE...HAYES CENTER TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. HCT VORTAC OUT OF SERVICE.
1510051231-1604021231EST.

CANON CITY

Fremont County

FDC 5/9135 1V6 IAP FREMONT COUNTY, CANON CITY, CO. RNAV (RNP) Z RWY 29, ORIG-A...DISREGARD NOTE: WHEN VGSI INOP, CAT C PROCEDURE NA AT NIGHT.
1510201247-1604171247EST.

FDC 5/9134 1V6 IAP FREMONT COUNTY, CANON CITY, CO. RNAV (RNP) RWY 11, ORIG-A...DISREGARD NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT.
1510201247-1604171247EST.

FDC 5/8345 1V6 IAP FREMONT COUNTY, CANON CITY, . RNAV (GPS) Y RWY 29, ORIG-A...DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. ADD NOTE: CIRCLING TO RWYS 17/35 NA. 1510162033-1604132033EST.

FDC 5/3477 1V6 IAP FREMONT COUNTY, CANON CITY, CO. RNAV (RNP) RWY 11, ORIG-A...DELETE NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT. THIS IS RNAV (RNP) RWY 11, ORIG-B. 1510271643-PERM.

FDC 5/3476 1V6 IAP FREMONT COUNTY, CANON CITY, CO. RNAV (RNP) Z RWY 29, ORIG-A...DELETE NOTE: WHEN VGSI INOP, CAT C PROCEDURE NA AT NIGHT. RNP 0.21 VISIBILITY 7/8 ALL CATS. RNP 0.30 VISIBILITY 1 3/8 ALL CATS. THIS IS RNAV (RNP) Z RWY 29, ORIG-B. 1510271643-PERM.

FDC 5/3475 1V6 IAP FREMONT COUNTY, CANON CITY, CO. RNAV (GPS) Y RWY 29, ORIG-A...DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. CHART NOTE: CIRCLING TO RWYS 17/35 NA. LPV VISIBILITY 7/8 ALL CATS. LNAV/VNAV VISIBILITY 1 3/8 ALL CATS. THIS IS RNAV (GPS) Y RWY 29, ORIG-B. 1510271643-PERM.

COLORADO SPRINGS

City Of Colorado Springs Muni

FDC 5/2446 COS IAP CITY OF COLORADO SPRINGS MUNI, COLORADO SPRINGS, CO. NDB RWY 35L, AMDT 26...S-35L MDA 6540/HAT 465 ALL CATS. 1510261301-1604231301EST.

FDC 5/2443 COS IAP CITY OF COLORADO SPRINGS MUNI, COLORADO SPRINGS, CO. ILS OR LOC RWY 35L, AMDT 37...TCH 55 FEET. 1510261258-1604231258EST.

CORTEZ

Cortez Muni

FDC 5/6544 CEZ IAP CORTEZ MUNI, CORTEZ, CO. VOR RWY 21, AMDT 5A...S-21 MDA 6660 /HAT 747 ALL CATS, VISIBILITY CAT B 1 1/4. CIRCLING MDA CATS A/B/C 6660 /HAA 742, VISIBILITY CAT B 1 1/4, CAT C 2 1/4. ADD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1509251439-1603231439EST.

DENVER

Centennial

FDC 5/5092 APA IAP CENTENNIAL, DENVER, CO. RNAV (GPS) RWY 28, AMDT 1B...LNAV MDA 6320/HAT 507 ALL CATS, VISIBILITY CATS C/D 1 1/2. CIRCLING CATS A/B/C MDA 6440/ HAA 555. VDP 1.52 NM TO RY28. TOWER 6012 MSL 2.50 NM EAST OF RWY 28, TEMPORARY CRANE 6089 MSL 1.64 NM SOUTHEAST OF APA AIRPORT. 1509031826-1603081826EST.

FDC 5/5091 APA IAP CENTENNIAL, DENVER, CO. RNAV (GPS) RWY 17L, AMDT 1...CIRCLING CAT A MDA 6440/ HAA 555. TEMPORARY CRANE 6089 MSL 1.64 NM SOUTHEAST OF APA AIRPORT. 1509031826-1603081826EST.

FDC 5/4041 APA IAP CENTENNIAL, DENVER, CO. ILS OR LOC/DME RWY 35R, AMDT 10...CHANGE GLIDESLOPE FROM 3.00/TCH 53 TO 3.10/TCH 58. S-LOC 35R MINIMUMS NA. SIDESTEP 35L MINIMUMS NA. CIRCLING MINIMUMS NA. LECET FIX MINIMUMS (DME REQUIRED) NA. 1509021703-1602291703EST.

FDC 5/0682 APA SID CENTENNIAL, DENVER, CO. PLAINS SEVEN DEPARTURE...HAYES CENTER TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. HCT VORTAC OUT OF SERVICE. 1510051231-1604021231EST.

FDC 5/0400 APA IAP CENTENNIAL, DENVER, CO. RNAV (GPS) Y RWY 35R, AMDT 2...RNAV (GPS) Z RWY 35R, AMDT 1...LPV DA 6972/ HAT 1087 ALL CATS, VISIBILITY ALL CATS 3. ADD NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV. 1508271410-1602231410EST.

FDC 4/3815 APA STAR CENTENNIAL, DENVER, CO. SKARF THREE ARRIVAL...PROCEDURE NA WEF 1411131700-1511131700.

Denver Intl

FDC 5/7393 DEN IAP DENVER INTL, DENVER, CO. ILS OR LOC RWY 7, AMDT 3A...S-LOC 7 SUNKE FIX MINIMUMS MDA 5660/HAT 308 ALL CATS. 1506111648-1512081648EST.

FDC 5/4299 DEN IAP DENVER INTL, DENVER, CO. RNAV (GPS) Y RWY 16L, AMDT 1A...LNAV/VNAV DA 5624/HAT 267 ALL CATS. 1511171933-1605151933EST.

FDC 5/2052 DEN IAP DENVER INTL, DENVER, CO. RNAV (RNP) Z RWY 25, ORIG-B...RNP 0.30 DA 5792/HAT 437 ALL CATS.. 1506031930-1511301930EST.

FDC 5/0691 DEN SID DENVER INTL, DENVER, CO. PLAINS SEVEN DEPARTURE...HAYES CENTER TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. HCT VORTAC OUT OF SERVICE. 1510051231-1604021231EST.

FDC 5/0429 DEN IAP DENVER INTL, DENVER, CO. RNAV (GPS) Y RWY 25, AMDT 1A...LNAV MDA 5880/HAT 525 ALL CATS, VISIBILITY CATS C/D RVR 5500. VDP 1.39 NM TO RW25. TEMPORARY CRANES UP TO 5615 MSL BEGINNING 4246 FEET NORTHEAST OF RWY 25. 1507061232-1601021232EST.

Front Range

FDC 5/0692 FTG SID FRONT RANGE, DENVER, CO. PLAINS SEVEN DEPARTURE...HAYES CENTER TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. HCT VORTAC OUT OF SERVICE. 1510051231-1604021231EST.

Rocky Mountain Metropolitan

FDC 5/0888 BJC IAP ROCKY MOUNTAIN METROPOLITAN, DENVER, CO. VOR/DME RWY 30L/R, AMDT 1A...S-30R MDA 6040/HAT 441 ALL CATS, VISIBILITY CAT A/B 3/4 MILE, VISIBILITY CAT C/D 1 MILE. S-30L MDA 6040/HAT 412 ALL CATS, VISIBILITY CAT C/D 1 3/8 MILE. CHANGE NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DENVER INTL ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET, INCREASE S-30R CAT C/D VISIBILITY TO 1 1/8 MILE, INCREASE S-30L CAT C/D VISIBILITY TO 1 1/2 MILE, AND INCREASE CIRCLING CAT C VISIBILITY TO 2 1/4 MILE. CHANGE INOP NOTE TO READ: FOR INOPERATIVE MALSR, INCREASE S-30R CAT A/B VISIBILITY TO 1 MILE, CAT C/D VISIBILITY TO 1 3/8 MILE. CHANGE INOP NOTE TO READ: FOR INOPERATIVE MALSR, WHEN USING DENVER INTL ALTIMETER SETTING, INCREASE S-30R CAT A/B VISIBILITY TO 1 MILE, CAT C/D VISIBILITY TO 1 5/8 MILE, AND INCREASE S-30L VISIBILITY CAT C/D TO 1 1/2 MILE. TEMPORARY CRANE 5727 MSL 3710 FEET NORTHEAST OF RWY 30R. 1508281206-1512101206EST.

FDC 5/0886 BJC IAP ROCKY MOUNTAIN METROPOLITAN, DENVER, CO. RNAV (GPS) RWY 30R, AMDT 2...LNAV/VNAV DA 5971/HAT 372 ALL CATS, VISIBILITY ALL CATS 3/4 MILE. LNAV MDA 6040/HAT 441 ALL CATS, VISIBILITY CAT C/D 1 MILE. VDP 1.32 NM TO RY30R. CHANGE INOP NOTE TO READ: FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 1/4 MILE AND LNAV CAT C/D VISIBILITY TO 1 3/8 MILE. FOR INOPERATIVE MALSR, WHEN USING DENVER INTL ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO 1 MILE, LNAV/VNAV ALL CATS VISIBILITY TO 1 1/2 MILE AND LNAV CAT A/B VISIBILITY TO 1 MILE AND CAT C/D VISIBILITY TO 1 5/8 MILE. TEMPORARY CRANE 5727 MSL 3710 FEET NORTHEAST OF RWY 30R. 1508281206-1512101206EST.

FDC 5/0690 BJC SID ROCKY MOUNTAIN METROPOLITAN, DENVER, CO. PLAINS SEVEN DEPARTURE...HAYES CENTER TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. HCT VORTAC OUT OF SERVICE. 1510051231-1604021231EST.

DURANGO

Durango-La Plata County

FDC 5/6796 DRO IAP DURANGO-LA PLATA COUNTY, DURANGO, CO. ILS OR LOC/DME RWY 3, AMDT 4...S-ILS 3 DA 6844 ALL CATS. S-LOC 3 HAT 436 ALL CATS. CIRCLING HAA CAT A 490, CAT B 510, CAT C 530, CAT D 570. AIRPORT ELEVATION 6690. TDZE 6644. 1508041914-1603311914EST.

FDC 5/6795 DRO IAP DURANGO-LA PLATA COUNTY, DURANGO, CO. VOR/DME RWY 3, AMDT 5A...S-3 HAT 458 ALL CATS. CIRCLING HAA CAT A 490, CAT B 510, CAT C 530, CAT D 570. AIRPORT ELEVATION 6690. TDZE 6644. 1508041914-1603311914EST.

FDC 5/6794 DRO IAP DURANGO-LA PLATA COUNTY, DURANGO, CO. RNAV (GPS) RWY 3, ORIG...LPV DA 6844 ALL CATS. LNAV/VNAV HAT 336 ALL CATS. LNAV HAT 436 ALL CATS. CIRCLING HAA CAT A 490, CAT B 510, CAT C 530, CAT D 570. AIRPORT ELEVATION 6690. TDZE 6644. 1508041914-1603311914EST.

EAGLE

Eagle County Rgnl

FDC 5/5635 EGE SPECIAL EAGLE COUNTY RGNL, EAGLE, CO. RNAV-E, AMDT 1...NOTE: NIGHT LANDING RWY 7 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1509241406-1603221406EST.

FDC 5/4169 EGE SPECIAL EAGLE COUNTY RGNL, EAGLE, CO. ILS OR LOC/DME RWY 25, ORIG...DISREGARD FIX NAME ZUXAS, MISSED APPROACH POINT I-EGE 1.5 DME OR RWY 25 THRESHOLD 3938.670N-10654.007W....1510281506-1604251506EST.

ERIE

Erie Muni

FDC 5/5150 EIK IAP ERIE MUNI, ERIE, CO. VOR/DME OR GPS-A, ORIG-A...MSA FROM JEFFCO (BJC) VOR/DME 360-090 MINIMUM ALTITUDE 7600, 090-180 MINIMUM ALTITUDE 10600, 180-360 MINIMUM ALTITUDE 14800. CHANGE MINIMUM ALTITUDE AT SHATZ/BJC BJC 13.5 DME (IAF) TO 7300. 1506091221-1512061221EST.

FORT COLLINS/LOVELAND

Fort Collins-Loveland Muni

FDC 5/0693 FNL SID FORT COLLINS-LOVELAND MUNI, FORT COLLINS/LOVELAND, CO. PLAINS SEVEN DEPARTURE...HAYES CENTER TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. HCT VORTAC OUT OF SERVICE. 1510051231-1604021231EST.

FORT MORGAN

Fort Morgan Muni

FDC 5/0513 FMM ODP FORT MORGAN MUNI, FORT MORGAN, CO. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...DEPARTURE PROCEDURE NA. 1508102233-1602062233EST.

FDC 5/0512 FMM IAP FORT MORGAN MUNI, FORT MORGAN, CO. RNAV (GPS) RWY 14, ORIG-B...RNAV (GPS) RWY 32, ORIG-A...PROCEDURE NA. 1508102231-1602062231EST.

GREELEY

Greeley-Weld County

FDC 5/0694 GXY SID GREELEY-WELD COUNTY, GREELEY, CO. PLAINS SEVEN DEPARTURE...HAYES CENTER TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. HCT VORTAC OUT OF SERVICE. 1510051231-1604021231EST.

GUNNISON

Gunnison-Crested Butte Rgnl

FDC 5/5657 GUC SPECIAL GUNNISON-CRESTED BUTTE RGNL, GUNNISON, CO. ILS/DME (FMS) RWY 6, ORIG...CHANGE KEEZR FROM I-GUC 15.8 DME TO I-GUC 16.11 DME. CHANGE PLATO FROM I-GUC 7.7 DME TO I-GUC 7.89 DME. TERMINAL ROUTE FROM I-GUC 20.9 DME TO KEEZR: MINIMUM ALTITUDE 11400. TERMINAL ROUTE FROM KEEZR TO GS INCPT: MINIMUM ALTITUDE 10300. MIN GS INCPT 10300. TCH 49 FT. S-LOC 6 NA. 1509241425-1603221425EST.

FDC 5/4460 GUC ODP GUNNISON-CRESTED BUTTE RGNL, GUNNISON, CO. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 7A...TAKE-OFF MINIMUMS: RWY 6 STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 9500, OR 2500-3 FOR CLIMB IN VISUAL CONDITIONS. RWY 24 STANDARD WITH MINIMUM CLIMB OF 420 FT PER NM TO 9300, OR 2500-3 FOR CLIMB IN VISUAL CONDITIONS. DEPARTURE PROCEDURE: RWY 6 - CLIMB HEADING 076.55 TO 9500 THEN CLIMBING RIGHT TURN DIRECT HBU VOR/DME, THENCE...OR, FOR CLIMB IN VISUAL CONDITIONS, CROSS GUNNISON-CRESTED BUTTE RGNL AIRPORT AT OR ABOVE 10000, THEN ON HBU R-031 TO HBU VOR/DME, WHEN EXECUTING VCOA, NOTIFY ATC PRIOR TO DEPARTURE, THENCE...RWY 24 - CLIMB HEADING 241.57 TO 9300 THEN CLIMBING LEFT TURN DIRECT HBU VOR/DME, THENCE...OR, FOR CLIMB IN VISUAL CONDITIONS, CROSS GUNNISON-CRESTED BUTTE RGNL AIRPORT AT OR ABOVE 10000, THEN ON HBU R-031 TO HBU VOR/DME, WHEN EXECUTING VCOA, NOTIFY ATC PRIOR TO DEPARTURE, THENCE...ALL OTHER DATA REMAINS AS PUBLISHED. 1510091827-1605201827EST.

HAYDEN

Yampa Valley

FDC 5/7208 HDN IAP YAMPA VALLEY, HAYDEN, CO. ILS Z RWY 10, AMDT 1...DISREGARD TCH CHARTED AS 55 FEET. CORRECT TCH: 50 FEET. 1507172024-1601132024EST.

FDC 5/5129 HDN IAP YAMPA VALLEY, HAYDEN, CO. RNAV (GPS) RWY 28, AMDT 2B...DESCENT ANGLE 3.60/55 TCH NA. 1508191455-1602151455EST.

LEADVILLE

Lake County

FDC 5/4324 LXV ODP LAKE COUNTY, LEADVILLE, CO. LOZUL TWO DEPARTURE (RNAV)...DISREGARD NOTE: MULTIPLE TREES BEGINNING 47 FT FROM DER, 453 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/10079 FT MSL. ADD NOTE: TREE 181 FEET FROM DER, 546 FEET LEFT OF CENTERLINE, 9948 FEET MSL. TREE 276 FEET FROM DER, 515 FEET LEFT OF CENTERLINE, 9938 FEET MSL. T-L TWR 499 FEET FROM DER, 632 FEET LEFT OF CENTERLINE, 9989 FEET MSL. POLE 10 FEET FROM DER, 17 FEET LEFT OF CENTERLINE, 2 FEET AGL/9926 FEET MSL. POLE 10 FEET FROM DER, 17 FEET RIGHT OF CENTERLINE, 2 FEET AGL/9926 FEET MSL. SIGN 14 FEET FROM DER, 199 FEET LEFT OF CENTERLINE, 4 FEET AGL/9926 FEET MSL DISREGARD NOTE: MULTIPLE TREES BEGINNING 47 FT FROM DER, 453 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/10079 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1510281806-1604251806EST.

MONTE VISTA

Monte Vista Muni

FDC 5/5195 MVI ODP MONTE VISTA MUNI, MONTE VISTA, CO. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3...CHANGE DEPARTURE PROCEDURE TO READ: RWY 2, CLIMBING RIGHT TURN, THENCE...RWY 20, CLIMBING LEFT TURN, THENCE.....DIRECT ALS VORTAC. CONTINUE CLIMB IN ALS VORTAC HOLDING PATTERN (SE, RIGHT TURNS, 301 INBOUND) TO DEPART ALS VORTAC AT AIRWAY MEA/MCA, ALL OTHERS CLIMB TO 16000.ALL OTHER DATA REMAINS AS PUBLISHED. 1506091229-1512061229EST.

MONTROSE

Montrose Rgnl

FDC 5/4470 MTJ IAP MONTROSE RGNL, MONTROSE, CO. RNAV (GPS) RWY 13, ORIG-B...RNAV (GPS) Y RWY 17, ORIG-B...VOR/DME RWY 13, AMDT 9B...CIRCLING CAT B MDA 6420/HAA 661, CAT C/D MDA 6800/HAA 1041, VIS CAT C 3. ALTERNATE MINIMUMS: CAT C/D 1100-3. 1508181841-1602141841EST.

FDC 5/4468 MTJ IAP MONTROSE RGNL, MONTROSE, CO. ILS OR LOC/DME RWY 17, AMDT 2C...S-ILS DA 5958/HAT 250. CIRCLING CAT B MDA 6420/HAA 661, CAT C/D MDA 6800/HAA 1041, VIS CAT C 3. NOTE: FOR INOPERATIVE MALSR, INCREASE S-ILS 17 ALL CATS VISIBILITY TO 7/8 MILE. ALTERNATE MINIMUMS: CAT C/D 1100-3. 1508181841-1602141841EST.

FDC 5/4467 MTJ IAP MONTROSE RGNL, MONTROSE, CO. RNAV (GPS) RWY 35, ORIG-B...CIRCLING CAT B MDA 6420/HAA 661, CAT C/D MDA 6800/HAA 1041, VIS CAT C 3. 34:1 IS NOT CLEAR. NOTE HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. VDP AT 1.40 MILES TO BEQJL. ALTERNATE MINIMUMS: CAT C/D 1100-3. 1508181841-1602141841EST.

PUEBLO

Pueblo Memorial

FDC 5/9997 PUB IAP PUEBLO MEMORIAL, PUEBLO, CO. ILS OR LOC/DME RWY 26L, ORIG...ILS OR LOC/DME RWY 8R, ORIG...VOR/DME RWY 26L, ORIG-A...ALTERNATE MINIMUMS NA. PUB VORTAC UNMONITORED. 1511081927-1512131927EST.

FDC 5/4085 PUB IAP PUEBLO MEMORIAL, PUEBLO, CO. ILS OR LOC/DME RWY 26L, ORIG...S-LOC 26L NA. CIRCLING MINIMUMS NA. 1508181347-1602141347EST.

RIFLE

Garfield County Rgnl

FDC 5/2218 RIL IAP GARFIELD COUNTY RGNL, RIFLE, CO. RNAV (RNP) Z RWY 26, AMDT 1A...RNP 0.10 DA* NA.. 1509171301-1603151301EST.

FDC 5/2216 RIL IAP GARFIELD COUNTY RGNL, RIFLE, CO. RNAV (RNP) Z RWY 8, AMDT 1A...RNP 0.10 DA* NA.. 1509171301-1603151301EST.

STEAMBOAT SPRINGS

Steamboat Springs/Bob Adams Field

FDC 5/6363 SBS IAP STEAMBOAT SPRINGS/BOB ADAMS FIELD, STEAMBOAT SPRINGS, CO. RNAV (GPS)-E, ORIG...CIRCLING MDA 8240/HAA 1358 ALL CATS. 1508201859-1602161859EST.

TELLURIDE

Telluride Rgnl

FDC 5/7399 TEX IAP TELLURIDE RGNL, TELLURIDE, CO. LOC/DME RWY 9, AMDT 3...FAF TO THLD DISTANCE IS 6.28. 1510151445-1604121445EST.

CONNECTICUT

BRIDGEPORT

Igor I Sikorsky Memorial

FDC 5/8387 BDR IAP IGOR I SIKORSKY MEMORIAL, BRIDGEPORT, CT. ILS RWY 6, AMDT 9A...AUTO COUPLED APPROACHES BELOW 350 MSL NA. 1511051246-1605031246EST.

FDC 5/5358 BDR IAP IGOR I SIKORSKY MEMORIAL, BRIDGEPORT, CT. VOR RWY 24, AMDT 16...S-24 MINIMUMS NA. NOTE: NIGHT LANDING: RWY 24 NA. 1505211954-1512011954EST.

FDC 5/1942 BDR IAP IGOR I SIKORSKY MEMORIAL, BRIDGEPORT, CT. VOR RWY 29, AMDT 2...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. CMK R-001 TO R-141 UNUSABLE. 1510231729-1605271728EST.

FDC 5/0180 BDR IAP IGOR I SIKORSKY MEMORIAL, BRIDGEPORT, CT. ILS RWY 6, AMDT 9A...TERMINAL ROUTE FROM CMK VOR/DME TO STANE INT NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. S-LOC 6 DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 1509141455-1603121455EST.

FDC 5/0178 BDR IAP IGOR I SIKORSKY MEMORIAL, BRIDGEPORT, CT. VOR RWY 29, AMDT 2...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 1509141454-1603121454EST.

FDC 5/0109 BDR IAP IGOR I SIKORSKY MEMORIAL, BRIDGEPORT, CT. VOR RWY 24, AMDT 16...TERMINAL ROUTE FROM CMK VOR/DME TO BDR VOR/DME NA, DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 1509141310-1603121310EST.

FDC 5/0107 BDR IAP IGOR I SIKORSKY MEMORIAL, BRIDGEPORT, CT. VOR RWY 6, AMDT 21...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. TERMINAL ROUTE CMK VOR/DME TO STANE INT/BDR 5.4 DME NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, CMK R-135 UNUSABLE. 1509141308-1603121308EST.

FDC 2/1311 BDR FI/T STAR IGOR I SIKORSKY BRIDGEPORT, CT. DENNA2 ARRIVAL. DUE TO ALB VORTAC RESTRICTION, MEA ALB - ATHOS: 8000/GNSS RNAV MEA 3000. MEA DNY - PETER - ATHOS: 6300. DME REQUIRED. RADAR REQUIRED.

FDC 2/1310 BDR FI/T STAR IGOR I SIKORSKY MEMORIAL, CT. BDR1 ARRIVAL. DUE TO ALB VORTAC RESTRICTION, MEA ALB - ATHOS: 8000/GNSS RNAV MEA 3000. DUE TO RKA VOR RESTRICTION, MEA RKA - PETER - CYPHER: 10,000/GNSS RNAV MEA 6100. MEA DNY - PETER: 6300. MEA CYPHER - PWL: 6100. DME REQUIRED. RADAR REQUIRED.

DANBURY

Danbury Muni

FDC 5/9918 DXR IAP DANBURY MUNI, DANBURY, CT. VOR OR GPS-A, AMDT 9B...VOR PORTION NA. CMK VOR RADIALS 001-046 UNUSABLE.. 1508262016-1602222016EST.

FDC 5/7540 DXR IAP DANBURY MUNI, DANBURY, CT. GPS RWY 8, AMDT 1A...NOTE: PROCEDURE NA AT NIGHT. CHANGE HELICOPTER RESTRICTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1511032126-1605012126EST.

FDC 5/7535 DXR IAP DANBURY MUNI, DANBURY, CT. LOC RWY 8, AMDT 5B...NOTE: PROCEDURE NA AT NIGHT. CHANGE HELICOPTER RESTRICTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1511032126-1605012126EST.

FDC 5/2181 DXR ODP DANBURY MUNI, DANBURY, CT. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 4...NOTE: RWY 8, BUILDINGS BEGINNING 1910 FT FROM DER, 872 FT RIGHT OF CENTERLINE, UP TO 60 FT AGL/665 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1506221327-1512191327EST.

FDC 5/0510 DXR IAP DANBURY MUNI, DANBURY, CT. LOC RWY 8, AMDT 5B...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, CMK VOR RADIALS 001-046 UNUSABLE. DESCENT ANGLE 2.79/TCH 40 NA. 1508271531-1602231529EST.

FDC 5/0241 DXR IAP DANBURY MUNI, DANBURY, CT. GPS RWY 8, AMDT 1A...DESCENT ANGLE 3.02/TCH 40 NA. 1508101519-1602061443EST.

FDC 2/2704 DXR FI/T STAR DANBURY MUNICIPAL NOBB15 ARRIVAL, RADAR REQUIRED.

DANIELSON

Danielson

FDC 5/9675 LZD ODP DANIELSON, DANIELSON, CT. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3.TAKEOFF MINIMUMS: RWY 13, 700-2 1/4 WITH MINIMUM CLIMB OF 300 FT PER NM TO 1100. RWY 31, 300-1 1/4 WITH MINIMUM CLIMB OF 331 FT PER NM TO 900. NOTE: RWY 13, TREES, POLES AND BUILDINGS BEGINNING 14 FT FROM DER, 315 FT LEFT OF CENTERLINE, UP TO 64 FT AGL/304 FT MSL. TREES, POLES AND BUILDINGS BEGINNING 87 FT FROM DER, 175 FT RIGHT OF CENTERLINE, UP TO 98 FT AGL/338 FT MSL. TREES BEGINNING 333 FT FROM DER, 410 FT RIGHT OF CENTERLINE, UP TO 106 FT AGL/346 FT MSL. TREES BEGINNING 1040 FT FROM DER, 731 FT LEFT OF CENTERLINE, UP TO 103 FT AGL/343 FT MSL. TREE 5594 FT FROM DER, 1610 FT LEFT OF CENTERLINE, UP TO 81 FT AGL/381 FT MSL. NOTE: RWY 31, TREES BEGINNING 54 FT FROM DER, 502 FT LEFT OF CENTERLINE, UP TO 106 FT AGL/316 FT MSL. TREES BEGINNING 108 FT FROM DER, 272 FT RIGHT OF CENTERLINE, UP TO 46 FT AGL/286 FT MSL. TREES AND TOWERS BEGINNING 440 FT FROM DER, 367 FT LEFT OF CENTERLINE, UP TO 97 FT AGL/327 FT MSL. TREES AND TOWERS BEGINNING 2057 FT FROM DER, 488 FT RIGHT OF CENTERLINE, UP TO 82 FT AGL/382 FT MSL. TREES BEGINNING 3013 FT FROM DER, 467 FT LEFT OF FDC 5/9675 LZD ODP DANIELSON, DANIELSON, CT. CENTERLINE, UP TO 106 FT AGL/376 FT MSL. TREES AND TOWERS BEGINNING 3511 FT FROM DER, 1261 FT RIGHT OF CENTERLINE, UP TO 79 FT AGL/1459 FT MSL. TREES BEGINNING 3739 FT FROM DER, 51 FT LEFT OF CENTERLINE, UP TO 87 FT AGL/417 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1510011756-1605231756EST

GROTON (NEW LONDON)

Groton-New London

FDC 5/9626 GON IAP GROTON-NEW LONDON, GROTON (NEW LONDON), CT. RNAV (GPS) RWY 5, ORIG-C...LPV DA 301/HAT 293 ALL CATS. LNAV/VNAV DA 533 ALL CATS. LNAV HAT 492 ALL CATS. CIRCLING CAT A MDA 580/HAA 571. TDZE 8. 1510011645-1603291645EST.

FDC 5/9624 GON IAP GROTON-NEW LONDON, GROTON (NEW LONDON), CT. ILS OR LOC RWY 5, AMDT 11C...VOR RWY 5, AMDT 8A...CIRCLING CAT A MDA 580/HAA 571. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING TO RWY 23 NA AT NIGHT. 1510011643-1603291643EST.

FDC 5/9621 GON IAP GROTON-NEW LONDON, GROTON (NEW LONDON), CT. RNAV (GPS) RWY 33, ORIG-A...CIRCLING CAT A MDA 580/HAA 571. 1510011639-1603291639EST.

FDC 5/1750 GON IAP GROTON-NEW LONDON, GROTON (NEW LONDON), CT. RNAV (GPS) RWY 23, ORIG-B...DISREGARD NOTE: RWY 23 STRAIGHT-IN/CIRCLING NA AT NIGHT AND VISIBILITY REDUCTION BY HELICOPTERS NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CIRCLING CAT A MDA 580/HAA 571. 1507281600-1601241600EST.

HARTFORD

Hartford-Brainard

FDC 5/2364 HFD IAP HARTFORD-BRAINARD, HARTFORD, CT. VOR-A, AMDT 10A...ZOVOX FIX MINIMUMS (DME REQUIRED): MDA CATS A/B 860/HAA 842. 1510261212-1604231212EST.

NEW HAVEN

Tweed-New Haven

FDC 5/0067 HVN IAP TWEED-NEW HAVEN, NEW HAVEN, CT. RNAV (GPS) RWY 2, ORIG-A...DELETE NOTE: PROCEDURE NA AT NIGHT. DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW RVR 5000 NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NA. THIS IS RNAV (GPS) RWY 2 ORIG-B. 1510021334-PERM.

FDC 2/1317 HVN FI/T STAR TWEED-NEW HAVEN, CT. DENNA2 ARRIVAL DUE TO ALB VORTAC RESTRICTION, MEA ALB - ATHOS: 8000/GNSS RNAV MEA 3000. MEA DNY - PETER - ATHOS: 6300. DME REQUIRED. RADAR REQUIRED.

FDC 2/1316 HVN FI/T STAR TWEED-NEW HAVEN, CT. BDR1 ARRIVAL DUE TO ALB VORTAC RESTRICTION, MEA ALB - ATHOS: 8000/GNSS RNAV MEA 3000. DUE TO RKA VOR RESTRICTION, MEA RKA - PETER - CYPER: 10,000/GNSS RNAV MEA 6100. MEA DNY - PETER: 6300. MEA CYPER - PWL: 6100. DME REQUIRED. RADAR REQUIRED.

OXFORD

Waterbury-Oxford

FDC 2/1314 OXC FI/T STAR WATERBURY-OXFORD, CT. DENNA2 ARRIVAL DUE TO ALB VORTAC RESTRICTION, MEA ALB - ATHOS: 8000/GNSS RNAV MEA 3000. MEA DNY - PETER - ATHOS: 6300. DME REQUIRED. RADAR REQUIRED.

FDC 2/1313 OXC FI/T STAR WATERBURY-OXFORD, CT. BDR1 ARRIVAL. DUE TO ALB VORTAC RESTRICTION, MEA ALB - ATHOS: 8000/GNSS RNAV MEA 3000. DUE TO RKA VOR RESTRICTION, MEA RKA - PETER - CYPER: 10,000/GNSS RNAV MEA 6100. MEA DNY - PETER: 6300. MEA CYPER - PWL: 6100. DME REQUIRED. RADAR REQUIRED.

PLAINVILLE

Robertson Field

FDC 5/9220 4B8 SPECIAL ROBERTSON FIELD, PLAINVILLE, CT. COPTER RNAV (GPS) 035, ORIG...H-035 MDA 740/HAL 540. JUKUD TO HELIPOINT: 7.50/5 FT HCH. NOTE: IFR DEPARTURE NA.. 1510011323-1605231323EST.

DELAWARE

GEORGETOWN

Delaware Coastal

FDC 5/8060 GED IAP SUSSEX COUNTY, GEORGETOWN, DE. VOR RWY 4, AMDT 5A...PROCEDURE NA, SBY VORTAC OUT OF SERVICE. 1509301301-1603281301EST.

FDC 5/4138 GED IAP SUSSEX COUNTY, GEORGETOWN, DE. VOR RWY 4, AMDT 5A...CHANGE AIRPORT NAME FROM SUSSEX COUNTY TO DELAWARE COASTAL. 1509212006-1603192005EST.

WILMINGTON

New Castle

FDC 5/3426 ILG IAP NEW CASTLE, WILMINGTON, DE. VOR RWY 9, AMDT 7A...S-9 MDA 860/HAT 780 ALL CATS. VISIBILITY CATS C/D 2 1/2. CIRCLING MDA 860/HAA 780 ALL CATS. VISIBILITY CAT C 2 1/4, CAT D 2 1/2. QWOTE FIX MINIMUMS NA. DISREGARD MINIMUM ALTITUDE AT QUOTE *620. DISREGARD *620 WHEN USING PHILADELPHIA INTL ALTIMETER SETTING. ALTERNATE MINIMUMS: CATS C/D 800-2 1/2. 1509181552-1604291552EST.

FDC 4/0374 ILG STAR NEWCASTLE, WILMINGTON, DE. BUNTS ONE ARRIVAL.UNUSABLE 1) BELOW 5000FT MSL BETWEEN PSB AND HAR 2) BELOW 4000FT MSL BETWEEN HAR AND BOUHN 1403261400-PERM.

FDC 1/4809 ILG FI/T STAR NEW CASTLE, WILMINGTON, DE., CEDAR LAKE 8 ARRIVAL MINIMUM ENROUTE ALTITUDE (MEA) IS REVISED BETWEEN ROUTE SEGMENTS. THE MEA BETWEEN BRIGS INTERSECTION AND CEDAR LAKE VOR (VCN) AND BETWEEN VCN AND WOODSTOWN VOR (OOD) IS REVISED FROM 1900 FEET MSL TO 2100 FEET MSL.

DISTRICT OF COLUMBIA

WASHINGTON

Manassas Rgnl/Harry P Davis Field

FDC 5/9060 HEF STAR MANASSAS REGIONAL AIRPORT/HARRY P. DAVIS FIELD, WASHINGTON, DC., PRIVO ONE ARRIVAL...AMEND TO READ: DAFX TO OVIEE, MEA 10000. PROCEDURE ENDS AT TWEAK INT. DEPART TWEAK INT HEADING 190, EXPECT RADAR VECTORS TO FINAL APPROACH COURSE. FDK VOR DME R-185 UNUSABLE 1510201040-1602202359.

FDC 5/1914 HEF STAR MANASSAS RGNL/HARRY P. DAVIS FLD, WASHINGTON, DC. COATT FOUR ARRIVAL NOT AUTHORIZED. 1501081900-1507082359.

Ronald Reagan Washington National

FDC 5/9924 DCA STAR RONALD REAGAN WASHINGTON NATIONAL, WASHINGTON, DC. OJAAY ONE ARRIVAL NA 1503051200-PERM.

FDC 5/8451 DCA IAP RONALD REAGAN WASHINGTON NATIONAL, WASHINGTON, DC. RIVER VISUAL RWY 19, AMDT 4, CHANGE "VIA THE ROSSLYN LDA RWY 19 APPROACH" TO "VIA THE LDA Y RWY 19 APPROACH" 1506302000-PERM.

FDC 5/8282 DCA IAP RONALD REAGAN WASHINGTON NATIONAL, WASHINGTON, DC. VOR/DME RWY 1, AMDT 14B...S-1 MDA 760/HAT 749 ALL CATS. VIS CAT A/B RVR 4000, CAT C/D 1 3/4. CIRCLING CAT A/B/C MDA 760/HAA 745. VIS CAT B 1 1/4, CAT C 2 1/4. VDP 3.24 DME. TEMPORARY CRANE 457 MSL 3.07 NM SE OF RWY 1. 1509301419-1605041412EST.

FDC 5/8243 DCA IAP RONALD REAGAN WASHINGTON NATIONAL, WASHINGTON, DC. VOR/DME RWY 1, AMDT 14B...MISSED APPROACH: CLIMBING LEFT TURN TO 2200 ON DCA VOR/DME R-325 TO GTN NDB/INT/DCA 5.9 DME AND HOLD. 1509301400-1604181359EST.

FDC 5/2390 DCA IAP RONALD REAGAN WASHINGTON NATIONAL, WASHINGTON, DC. RNAV (RNP) RWY 1, AMDT 1A...RNP 0.30 DA 651/HAT 637. VIS 1 3/4 ALL CATS. MISSED APPROACH: CLIMB TO 2200 LEFT TURN TO FIVUD AND ON TRACK 325 TO HESLO AND ON TRACK 325 TO GTN NDB AND HOLD.. NOTE: FOR INOPERATIVE ALSF-2, INCREASE RNP 0.30 ALL CATS VISIBILITY TO 2 1/2 MILES. 1510261221-1604231221EST.

FDC 5/0863 DCA STAR RONALD REAGAN WASHINGTON NATIONAL, WASHINGTON, DC. BILIT ONE ARRIVAL AUTH 1503061500-PERM.

FDC 5/0736 DCA STAR RONALD REAGAN WASHINGTON NATIONAL, WASHINGTON, DC. DEALE ONE ARRIVAL NA 1503061400-PERM.

FDC 5/0023 DCA IAP RONALD REAGAN WASHINGTON NATIONAL, WASHINGTON, DC. COPTER ILS OR LOC/DME RWY 1, AMDT 1A...MISSED APPROACH: CLIMB TO 420 THEN CLIMBING LEFT TURN TO 2200 ON DCA VOR/DME R-325 TO GTN NDB/INT/DCA 5.9 DME AND HOLD. 1508262107-1602222107EST.

Washington Dulles Intl

FDC 5/9925 IAD STAR WASHINGTON DULLES INTERNATIONAL, WASHINGTON, DC. BARIN ONE ARRIVAL NA 1503051200-PERM.

FDC 5/8661 IAD SID WASHINGTON DULLES INTL, WASHINGTON, DC. JCOBY TWO DEPARTURE (RNAV)...CHANGE NOTE: PART 121 AIRCRAFT ONLY TO READ, COLIN TRANSITION: PART 121 AIRCRAFT ONLY. CHANGE NOTE: PART 129 AIRCRAFT ATC ASSIGNED ONLY TO READ, AGARD/SWANN TRANSITION: PART 121 AND PART 129 AIRCRAFT ONLY. ALL OTHER DATA REMAINS AS PUBLISHED. 1510191113-1603310900EST.

FDC 5/7564 IAD SID WASHINGTON DULLES INTL, WASHINGTON, DC. BULRN ONE DEPARTURE (RNAV)...POTOMAC DEPARTURE CONTROL FREQUENCY 126.65. 1506291938-1512261938EST.

FDC 5/4832 IAD STAR WASHINGTON DULLES INTL, WASHINGTON, D.C., COATT FOUR ARRIVAL...RADAR AND DME REQUIRED 1505211400-PERM.

FDC 5/3661 IAD STAR WASHINGTON DULLES INTERNATIONAL, WASHINGTON, DC., SELINGSGROVE FOUR ARRIVAL.....AMEND TO READ: FQM TO HYPER MEA 12000. PROCEDURE ENDS AT FDK VOR. DEPART FDK VOR HEADING 190, EXPECT RADAR VECTORS TO FINAL APPROACH COURSE. 1508200400-1602202359.

FDC 5/3652 IAD STAR WASHINGTON DULLES INTERNATIONAL, WASHINGTON, DC., PRIVO ONE ARRIVAL...AMEND TO READ: DAVIX TO OVIEE, MEA 10000. PROCEDURE ENDS AT TWEAK INT. DEPART TWEAK INT HEADING 190, EXPECT RADAR VECTORS TO FINAL APPROACH COURSE. FDK VOR DME R-185 UNUSABLE 1508200400-1602202359.

FDC 5/0766 IAD IAP WASHINGTON DULLES INTL, WASHINGTON, DC. RNAV (GPS) Y RWY 1C, AMDT 1A...LNAV/VNAV DA 801/HAT 515. THIS IS RNAV (GPS) Y RWY 1C, AMDT 1B. 1508272001-PERM.

FDC 5/0765 IAD IAP WASHINGTON DULLES INTL, WASHINGTON, DC. RNAV (GPS) RWY 12, AMDT 1A...LNAV/VNAV DA 737/HAT 427. THIS IS RNAV (GPS) RWY 12, AMDT 1B. 1508271959-PERM.

FDC 5/0764 IAD IAP WASHINGTON DULLES INTL, WASHINGTON, DC. VOR/DME RWY 12, AMDT 9B...S-12 MDA 740/HAT 430. VIS CATS A/B RVR 2400. DELETE NOTE: FOR INOPERATIVE MALSR, INCREASE S-12 CATS A/B VISIBILITY TO 1 MILE AND CATS C/D VISIBILITY TO 1 1/8 MILE. CHANGE VDP TO AML 2.38 DME; DISTANCE VDP TO THLD 1.15 MILES. CHART FAS OBST: 478 T-L TWR 385633N/0773313W. THIS IS VOR/DME RWY 12, AMDT 9C. 1508271957-PERM.

FDC 5/0758 IAD IAP WASHINGTON DULLES INTL, WASHINGTON, DC. ILS OR LOC/DME RWY 1C, AMDT 2B...ILS RWY 1C (SA CAT II), AMDT 2B...S-LOC 1C MDA 620/HAT 334 ALL CATS. CHART FAS OBST: 366 TREE 385517N/0772726W. CHART 406 TREE 385321N/0772748W. CHANGE INOPERATIVE MALSR NOTE TO READ: FOR INOPERATIVE MALSR, INCREASE S-LOC CATS C/D VISIBILITY TO RVR 5000. THIS IS ILS OR LOC/DME RWY 1C, AMDT 2C; ILS RWY 1C (SA CAT II), AMDT 2C. 1508271955-PERM.

FDC 5/0756 IAD IAP WASHINGTON DULLES INTL, WASHINGTON, DC. ILS OR LOC/DME RWY 12, AMDT 9A...S-LOC 12 MDA 740/HAT 430 ALL CATS, VIS CAT C RVR 4000. CHART FAS OBST: 471 T-L TWR 385716N/0773301W. THIS IS ILS OR LOC/DME RWY 12, AMDT 9B. 1508271952-PERM.

FDC 4/5589 IAD STAR WASHINGTON DULLES INTERNATIONAL, WASHINGTON, DC., PHILIPSBURG TWO ARRIVAL UNAVAILABLE 1409180400-PERM.

FDC 4/5587 IAD STAR WASHINGTON DULLES INTERNATIONAL, WASHINGTON, DC., PRITZL THREE ARRIVAL UNAVAILABLE 1409180400-PERM.

FLORIDA

BROOKSVILLE

Brooksville-Tampa Bay Rgnl

FDC 5/4885 BKV IAP BROOKSVILLE-TAMPA BAY RGNL, BROOKSVILLE, FL. RNAV (GPS) RWY 27, AMDT 1C...DISREGARD NOTE: RWY 27 STRAIGHT-IN/CIRCLING AND CIRCLING RWY 3/21 NA AT NIGHT. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE 2.96/TCH 57). 1506081549-1512051547EST.

FDC 5/4883 BKV IAP BROOKSVILLE-TAMPA BAY RGNL, BROOKSVILLE, FL. RNAV (GPS) RWY 9, AMDT 1C...DISREGARD NOTE: CIRCLING RWY 3/21/27 NA AT NIGHT. NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE 2.91/TCH 58). 1506081545-1512051545EST.

FDC 5/4881 BKV IAP BROOKSVILLE-TAMPA BAY RGNL, BROOKSVILLE, FL. ILS OR LOC RWY 9, AMDT 2E...DISREGARD NOTE: CIRCLING TO RWY 3/21/27 NA AT NIGHT. NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE 2.91/TCH 58). 1506081544-1512051544EST.

FDC 5/0653 BKV IAP BROOKSVILLE-TAMPA BAY RGNL, BROOKSVILLE, FL. RNAV (GPS) RWY 3, AMDT 1C...DELETE NOTE: RWY 3 STRAIGHT-IN/CIRCLING AND CIRCLING RWY 21/27 NA AT NIGHT. DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 34:1 IS CLEAR. THIS IS RNAV (GPS) RWY 3, AMDT 1D. 1508271725-PERM.

CRESTVIEW

Bob Sikes

FDC 5/2036 CEW IAP BOB SIKES, CRESTVIEW, FL. VOR-A, AMDT 12A...PROCEDURE NA. 1511121550-1605101550EST.

CROSS CITY

Cross City

FDC 5/1229 CTY IAP CROSS CITY, CROSS CITY, FL. VOR RWY 31, AMDT 19A...PROCEDURE NA. 1509161151-1603141151EST.

DAYTONA BEACH

Daytona Beach Intl

FDC 5/9969 DAB ODP DAYTONA BEACH INTL, DAYTONA BEACH, FL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 4...TAKEOFF MINIMUMS: RWY 25R, 300-1. DEPARTURE PROCEDURE: RWY 7L, CLIMB HEADING 070.21 TO 600 BEFORE TURNING LEFT. RWY 25R, CLIMB HEADING 250.23 TO 600 BEFORE TURNING RIGHT. RWY 25L, CLIMB HEADING 250.16 TO 600 BEFORE TURNING RIGHT. RWY 34, CLIMB HEADING 342.17 TO 600 BEFORE TURNING LEFT. NOTE: RWY 25R, TEMPORARY COMMUNICATION TOWER 609 FT FROM DER, 606 FT LEFT OF CENTERLINE, 45 FT AGL/69 FT MSL. TEMPORARY CRANES BEGINNING 1913 FT FROM DER, 399 FT RIGHT OF CENTERLINE, UP TO 200 FT AGL/235 FT MSL. TEMPORARY CRANES BEGINNING 2036 FT FROM DER, 846 FT LEFT OF CENTERLINE, UP TO 200 FT AGL/235 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1508262037-1602222037EST.

FDC 5/9968 DAB IAP DAYTONA BEACH INTL, DAYTONA BEACH, FL. RNAV (GPS) RWY 7L, AMDT 1B...LPV DA 464/HAT 435, VIS RVR 5000 ALL CATS. LNAV/VNAV DA 521/HAT 492, VIS RVR 6000 ALL CATS. LNAV MDA 620/HAT 591 ALL CATS. VIS CAT C/D 1 1/4. CIRCLING MDA 820/HAA 786 ALL CATS. VIS CAT C 2 1/4, CAT D 2 1/2. VDP NA. TEMPORARY CRANE 519 MSL 5311 FT W OF RWY 16. TEMPORARY CRANE 235 MSL 2006 FT W OF RWY 7L. 1508262037-1602222037EST.

FDC 5/9967 DAB IAP DAYTONA BEACH INTL, DAYTONA BEACH, FL. RNAV (GPS) RWY 25L, AMDT 1B...CIRCLING MDA 820/HAA 786 ALL CATS. VIS CAT C 2 1/4, CAT D 2 1/2. TEMPORARY CRANE 519 MSL 5311 FT W OF RWY 16. TEMPORARY CRANE 235 MSL 2006 FT W OF RWY 7L. 1508262037-1602222037EST.

FDC 5/9966 DAB IAP DAYTONA BEACH INTL, DAYTONA BEACH, FL. RNAV (GPS) RWY 7R, ORIG-E...LNAV CATS A/B/C MDA 500/HAT 472. VIS CAT C 1 3/8. CIRCLING MDA 820/HAA 786 ALL CATS. VIS CAT C 2 1/4, CAT D 2 1/2. TEMPORARY CRANE 519 MSL 5311 FT W OF RWY 16. TEMPORARY CRANE 235 MSL 2006 FT W OF RWY 7L. 1508262037-1602222037EST.

FDC 5/9965 DAB IAP DAYTONA BEACH INTL, DAYTONA BEACH, FL. ILS OR LOC RWY 7L, AMDT 32...S-ILS 07L DA 465/HAT 436, VIS RVR 5000 ALL CATS. S-LOC 07L VIS CATS A/B RVR 5000. ZOPRI FIX MINIMUMS (DUAL VOR RECEIVERS REQUIRED) S-LOC 07L MDA 500/HAT 471, VIS RVR 5000 ALL CATS. CIRCLING MDA 820/HAA 786 ALL CATS. VIS CAT C 2 1/4, CAT D 2 1/2. TEMPORARY CRANE 519 MSL 5311 FT W OF RWY 16. TEMPORARY CRANE 235 MSL 2006 FT W OF RWY 7L. 1508262037-1602222037EST.

FDC 5/8339 DAB IAP DAYTONA BEACH INTL, DAYTONA BEACH, FL. VOR RWY 16, AMDT 18C...PROCEDURE NA. 1510162019-1604132019EST.

FDC 5/7304 DAB IAP DAYTONA BEACH INTL, DAYTONA BEACH, FL. RADAR RWY 25R - MAP 0.0, AMDT 8D...RADAR RWY 34 - MAP 0.0, AMDT 8D...RADAR RWY 7L - MAP 0.0, AMDT 8D...RADAR-1, AMDT 8D...PROCEDURE NA. 1509091554-1603071554EST.

DEFUNIAK SPRINGS

Defuniak Springs

FDC 5/6857 54J IAP DEFUNIAK SPRINGS, DEFUNIAK SPRINGS, FL. RNAV (GPS) RWY 9, ORIG...NOTE: NIGHT LANDING: RWY 9 NA. CHANGE HELICOPTER RESTRICTION NOTE TO READ: VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1510142128-1604112126EST.

DELAND

Deland Muni-Sidney H Taylor Field

FDC 5/8986 DED IAP DELAND MUNI-SIDNEY H TAYLOR FIELD, DELAND, FL. RNAV (GPS) RWY 5, ORIG-A...CIRCLING CAT A/B/C MDA 600/HAA 520. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHANGE BARO-VNAV NA BELOW NOTE TO READ: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV-VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). 1509111126-1603091126EST.

FDC 5/8978 DED IAP DELAND MUNI-SIDNEY H TAYLOR FIELD, DELAND, FL. RNAV (GPS) RWY 30, ORIG...LPV DA NA. LNAV/VNAV DA NA. CIRCLING CAT A/B/C MDA 600/HAA 520. NOTE: NIGHT LANDING: RWY 30 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHANGE BARO-VNAV NA BELOW NOTE TO READ: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). 1509111126-1603091126EST.

FDC 5/8974 DED IAP DELAND MUNI-SIDNEY H TAYLOR FIELD, DELAND, FL. RNAV (GPS) RWY 12, ORIG...LNAV MDA 600/HAT 526 ALL CATS, VIS CAT C 1 1/2, CAT D 1 3/4. CIRCLING CAT A/B/C MDA 600/HAA 520. NOTE: NIGHT LANDING: CAT C/D RWY 12 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHANGE BARO-VNAV NA BELOW NOTE TO READ: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV-VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). CHANGE IF LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DAYTONA BEACH INTL ALTIMETER SETTING AND INCREASE ALL DAS 38 FEET AND ALL MDAS 40 FEET; INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE. 1509111126-1603091126EST.

FDC 5/8972 DED IAP DELAND MUNI-SIDNEY H TAYLOR FIELD, DELAND, FL. RNAV (GPS) RWY 23, ORIG...CIRCLING CAT A/B/C MDA 600/HAA 520. CHANGE WHEN LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DAYTONA BEACH INTL ALTIMETER SETTING AND INCREASE ALL DA 38 FEET AND ALL MDA 40 FEET; INCREASE LPV ALL CATS VISIBILITY 1/4 MILE. NOTE: NIGHT LANDING: CAT C/D RWY 23 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHANGE BARO-VNAV NA BELOW NOTE TO READ: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV-VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). 1509111126-1603091126EST.

FDC 5/7614 DED IAP DELAND MUNI-SIDNEY H TAYLOR FIELD, DELAND, FL. RADAR-1, AMDT 3...CIRCLING CAT A/B MDA 600/HAA 520. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1508241417-1602201417EST.

FDC 5/7355 DED IAP DELAND MUNI-SIDNEY H TAYLOR FIELD, DELAND, FL. RADAR-1, AMDT 3...PROCEDURE NA. 1509091622-1603071622EST.

FORT LAUDERDALE

Fort Lauderdale Executive

FDC 5/6340 FXE IAP FORT LAUDERDALE EXECUTIVE, FORT LAUDERDALE, FL. ILS OR LOC RWY 9, AMDT 5A...TRUBE FIX MINIMUMS (DUAL VOR RECEIVERS REQUIRED) S-LOC 9 MDA 420/HAT 408, VIS 3/4 ALL CATS. TEMPORARY CRANE 115 MSL 4915 FT W OF RWY 9. 1511021253-1604301253EST.

FDC 5/2654 FXE IAP FORT LAUDERDALE EXECUTIVE, FORT LAUDERDALE, FL. RNAV (GPS) RWY 27, AMDT 2B...LNAV MDA 520/HAT 507 ALL CATS. VDP NA. TEMPORARY CRANE 208 MSL 1.32 NM E OF RWY 27. 1510261633-1604231633EST.

Fort Lauderdale/Hollywood Intl

FDC 5/4250 FLL IAP FORT LAUDERDALE/HOLLYWOOD INTL, FORT LAUDERDALE, FL. ILS OR LOC RWY 28L, ORIG-A...RNAV (GPS) RWY 10R, ORIG-A...RNAV (GPS) Z RWY 10L, AMDT 4...VOR RWY 28R, AMDT 13A...CIRCLING CATS A/B MDA 680/HAA 615, CATS C/D MDA 940/HAA 875. VIS CAT C 2 1/2, CAT D 2 3/4. TEMPORARY CRANE 355 MSL 1381 FT SE OF RWY 28R. STACK 364 MSL 5298 FT NE OF RWY 28R. TEMPORARY CRANE 576 MSL 2.62 NM N OF RWY 28R. 1509221138-1603201138EST.

FDC 5/4249 FLL IAP FORT LAUDERDALE/HOLLYWOOD INTL, FORT LAUDERDALE, FL. ILS OR LOC RWY 10L, AMDT 24...PAKEE FIX MINIMUMS (DME REQUIRED) CIRCLING CATS A/B MDA 680/HAA 615, CATS C/D MDA 940/HAA 875. VIS CAT C 2 1/2, CAT D 2 3/4. TEMPORARY CRANE 355 MSL 1381 FT SE OF RWY 28R. STACK 364 MSL 5298 FT NE OF RWY 28R. TEMPORARY CRANE 576 MSL 2.62 NM N OF RWY 28R. 1509221138-1603201138EST.

FDC 5/4248 FLL IAP FORT LAUDERDALE/HOLLYWOOD INTL, FORT LAUDERDALE, FL. RNAV (GPS) RWY 28L, ORIG-A...LNAV/VNAV DA 566/HAT 501, VIS 1 3/8 ALL CATS. LNAV MDA 660/HAT 655 ALL CATS. VIS CATS C/D 1 3/8. CIRCLING CATS A/B MDA 680/HAA 615, CATS C/D MDA 940/HAA 875. VIS CAT C 2 1/2, CAT D 2 3/4. VDP 1.65 NM TO RWY 28L. TEMPORARY CRANE 355 MSL 1381 FT SE OF RWY 28R. STACK 364 MSL 5298 FT NE OF RWY 28R. TEMPORARY CRANE 576 MSL 2.62 NM N OF RWY 28R. 1509221138-1603201138EST.

FDC 5/4247 FLL IAP FORT LAUDERDALE/HOLLYWOOD INTL, FORT LAUDERDALE, FL. RNAV (GPS) Y RWY 28R, AMDT 4...LPV DA 624/HAT 619, VIS 1 5/8 ALL CATS. LNAV MDA 660/HAT 655 ALL CATS. VIS CATS A/B RVR 4000, CATS C/D 1 3/8. CIRCLING CATS A/B MDA 680/HAA 615, CATS C/D MDA 940/HAA 875. VIS CAT C 2 1/2, CAT D 2 3/4. VDP 1.83 NM TO RWY 28R. TEMPORARY CRANE 355 MSL 1381 FT SE OF RWY 28R. STACK 364 MSL 5298 FT NE OF RWY 28R. TEMPORARY CRANE 576 MSL 2.62 NM N OF RWY 28R. 1509221138-1603201138EST.

FDC 5/4245 FLL IAP FORT LAUDERDALE/HOLLYWOOD INTL, FORT LAUDERDALE, FL. RNAV (RNP) Z RWY 28R, AMDT 1A...RNP 0.15 DA 527/HAT 522 ALL CATS. TEMPORARY CRANE 355 MSL 1381 FT SE OF RWY 28R. STACK 364 MSL 5298 FT NE OF RWY 28R. TEMPORARY CRANE 576 MSL 2.62 NM N OF RWY 28R. 1509221138-1603201138EST.

FDC 5/4244 FLL IAP FORT LAUDERDALE/HOLLYWOOD INTL, FORT LAUDERDALE, FL. RNAV (RNP) Y RWY 10L, AMDT 1A...RNP 0.15 DA 350/HAT 344 ALL CATS. TEMPORARY CRANE 355 MSL 1381 FT SE OF RWY 28R. STACK 364 MSL 5298 FT NE OF RWY 28R. TEMPORARY CRANE 576 MSL 2.62 NM N OF RWY 28R. 1509221138-1603201138EST.

FDC 5/4243 FLL IAP FORT LAUDERDALE/HOLLYWOOD INTL, FORT LAUDERDALE, FL. ILS OR LOC RWY 28R, AMDT 11...S-ILS 28R DA 570/HAT 565, VIS 1 1/2 ALL CATS. S-LOC 28R MDA 680/HAT 675 ALL CATS. VIS CATS A/B RVR 4000, CATS C/D 1 1/2. CIRCLING CATS A/B MDA 680/HAA 615, CATS C/D MDA 940/HAA 875. VIS CAT C 2 1/2, CAT D 2 3/4. VDP 3.32 DME OR 1.89 NM FROM RWY 28R. TEMPORARY CRANE 355 MSL 1381 FT SE OF RWY 28R. STACK 364 MSL 5298 FT NE OF RWY 28R. TEMPORARY CRANE 576 MSL 2.62 NM N OF RWY 28R. 1509221138-1603201138EST.

FDC 5/0731 FLL IAP FORT LAUDERDALE/HOLLYWOOD INTL, FORT LAUDERDALE, FL. ILS OR LOC RWY 10R, ORIG-A...DISREGARD TERMINAL ROUTE FROM FLL VOR/DME TO BEZER INT/I-FLL 13.92 DME/RADAR. PUBLISHED HOLDING AT BEZER INT/I-FLL 13.92 DME/RADAR NOT AUTHORIZED, IF REQUIRED EXPECT ATC HOLDING INSTRUCTIONS...1508271855-1602231855EST.

FDC 5/0730 FLL IAP FORT LAUDERDALE/HOLLYWOOD INTL, FORT LAUDERDALE, FL. RNAV (GPS) RWY 10R, ORIG-A...DISREGARD TERMINAL ROUTE FROM FLL VOR/DME TO BEZER. PUBLISHED HOLDING AT BEZER NOT AUTHORIZED, IF REQUIRED EXPECT ATC HOLDING INSTRUCTIONS...1508271855-1602231855EST.

FORT MYERS

Southwest Florida Intl

FDC 5/6669 RSW IAP SOUTHWEST FLORIDA INTL, FORT MYERS, FL. VOR/DME OR TACAN RWY 24, AMDT 2B...TACAN PORTION NA, RSW TACAN AZIMUTH OUT OF SERVICE. 1509081636-1603061636EST.

HOLLYWOOD

North Perry

FDC 5/5255 HWO SID NORTH PERRY, HOLLYWOOD, FL. MIAMI THREE DEPARTURE...DISREGARD NOTE: TURBOJETS ACCELERATE TO 250K AS RAPIDLY AS FEASIBLE UNTIL REACHING 10000 MSL, UNLESS REQUESTED BY ATC TO DO OTHERWISE. 1508031856-1601301856EST.

FDC 5/0248 HWO ODP NORTH PERRY, HOLLYWOOD, FL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 5...TAKEOFF MINIMUMS: RWY 19L, 19R, 500-3 OR STANDARD WITH MINIMUM CLIMB OF 242 FT PER NM TO 600. DEPARTURE PROCEDURE: RWY 10L, 10R, CLIMB HEADING 096.00 TO 1400 BEFORE TURNING RIGHT OR FOR CLIMB IN VISUAL CONDITIONS CROSS NORTH PERRY AIRPORT AT OR ABOVE 1400 BEFORE PROCEEDING ON COURSE, WHEN EXECUTING VCOA, NOTIFY ATC PRIOR TO DEPARTURE. NOTE: RWY 19L, TEMPORARY CRANE 2.4 NM FROM DER, 399 FT LEFT OF CENTERLINE, 412 FT AGL/421 FT MSL. RWY 19R, TEMPORARY CRANE 2.4 NM FROM DER, 1855 FT LEFT OF CENTERLINE, 412 FT AGL/421 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1511091509-1605071509EST.

IMMOKALEE

Immokalee Rgnl

FDC 5/9842 IMM IAP IMMOKALEE RGNL, IMMOKALEE, FL. RNAV (GPS) RWY 27, ORIG-B...RNAV (GPS) RWY 9, ORIG-B...PROCEDURE NA. 1508261932-1602221932EST.

JACKSONVILLE

Cecil

FDC 5/9350 VQQ IAP CECIL, JACKSONVILLE, FL. RNAV (GPS) RWY 27L, AMDT 1A...LNAV MDA 520/HAT 448 ALL CATS. CIRCLING CAT A MDA 580/HAA 500, CAT B/C MDA 620/HAA 540. VDP 1.2 NM TO RWY 27L. TEMPORARY CRANE 260 MSL 1.64 NM NE OF RWY 18L. 1510011442-1603291439EST.

FDC 5/9344 VQQ IAP CECIL, JACKSONVILLE, FL. RNAV (GPS) RWY 36L, ORIG-B...RNAV (GPS) RWY 36R, AMDT 1A...RNAV (GPS) RWY 9R, AMDT 1A...TACAN RWY 27L, ORIG-A...TACAN RWY 9R, ORIG-A...CIRCLING CAT A MDA 580/HAA 500, CAT B/C MDA 620/HAA 540. TEMPORARY CRANE 260 MSL 1.64 NM NE OF RWY 18L. 1510011430-1603291430EST.

FDC 5/9339 VQQ IAP CECIL, JACKSONVILLE, FL. ILS OR LOC RWY 36R, AMDT 3A...OJJEK FIX MINIMUMS (DME REQUIRED) CIRCLING CAT A MDA 580/HAA 500, CAT B/C MDA 620/HAA 540. TEMPORARY CRANE 260 MSL 1.64 NM NE OF RWY 18L. 1510011430-1603291430EST.

FDC 5/7767 VQQ IAP CECIL, JACKSONVILLE, FL. RNAV (GPS) RWY 18L, AMDT 1A...LNAV/VNAV DA 590/HAT 511, VIS 1 1/4 ALL CATS. LNAV MDA 540/HAT 461 ALL CATS. CIRCLING CAT A MDA 580/HAA 500, CAT B/C MDA 620/HAA 540. TEMPORARY CRANE 260 MSL 1.64 NM NE OF RWY 18L. 1509292014-1603272014EST.

FDC 5/3748 VQQ IAP CECIL, JACKSONVILLE, FL.
RNAV (GPS) RWY 18R, ORIG-A...RNAV (GPS) RWY
36L, ORIG-B...PROCEDURE NA.
1508171639-1602131639EST.

FDC 5/3071 VQQ IAP CECIL, JACKSONVILLE, FL.
TACAN RWY 9R, ORIG-A...PROCEDURE NA.
1507091756-1601051756EST.

Jacksonville Intl

FDC 5/2058 JAX IAP JACKSONVILLE INTL,
JACKSONVILLE, FL. RNAV (GPS) Z RWY 26, AMDT
2B...LNAV/VNAV DA 377/HAT 351, VIS RVR 4000 ALL
CATS. LNAV MDA 480/HAT 454 ALL CATS. VIS CATS
C/D 4500. VDP 1.20 NM TO RW26. TEMPORARY
CRANE 166 MSL 4794 FT SE OF RWY 26.
1510071142-1604041142EST.

FDC 5/2057 JAX IAP JACKSONVILLE INTL,
JACKSONVILLE, FL. RNAV (RNP) Y RWY 26, AMDT
1A...RNP 0.30 DA 453/HAT 427, VIS RVR 5000 ALL
CATS. TEMPORARY CRANE 166 MSL 4794 FT SE OF
RWY 26. 1510071142-1604041142EST.

Shands Jacksonville Hospital

FDC 5/6645 FA61 SPECIAL SHANDS JACKSONVILLE
HOSPITAL, JACKSONVILLE, FL. COPTER RNAV (GPS)
055, ORIG...H-055 MDA 520/HAL 390. ANTENNA 191
MSL 1 NM WEST OF HELIPORT.
1509251840-1605131840EST.

JUPITER

William P Gwinn

FDC 5/2306 06FA IAP WILLIAM P GWINN, JUPITER,
FL. VOR/DME RWY 9, AMDT 4...PROCEDURE NA.
1509171359-1604041359EST.

FDC 5/0042 06FA IAP WILLIAM P GWINN, JUPITER,
FL. ILS OR LOC/DME RWY 9, ORIG...NOTE:
AUTOPILOT COUPLED APPROACH NA BELOW 690.
1508262123-1602222123EST.

LADY LAKE

Village Of Homewood Lady Lake

FDC 5/8332 FL20 SPECIAL VILLAGE OF
HOMEWOOD LADY LAKE, LADY LAKE, FL. COPTER
RNAV (GPS) 195, ORIG...PROCEED VFR FROM PEMIE
OR CONDUCT THE SPECIFIED MISSED APPROACH.
DISREGARD ALL VISUAL SEGMENT REFERENCES.
1509301441-1603281441EST.

LAKELAND

Lakeland Linder Rgnl

FDC 5/7694 LAL ODP LAKELAND LINDER RGNL,
LAKELAND, FL. TAKEOFF MINIMUMS AND
(OBSTACLE) DEPARTURE PROCEDURES AMDT
1...NOTE: RWY 5, TEMPORARY CRANE 1932 FT
FROM DER, 751 FT LEFT OF CENTERLINE, 100 FT
AGL/245 FT MSL. ALL OTHER DATA REMAINS AS
PUBLISHED. 1508051803-1602011803EST.

FDC 5/3874 LAL IAP LAKELAND LINDER RGNL,
LAKELAND, FL. ILS OR LOC/DME RWY 9,
ORIG-A...S-LOC 9 MDA 480/HAT 348 ALL CATS.
TEMPORARY CRANE 212 MSL 1.18 NM W OF RWY 9.
1509211127-1603191127EST.

LEESBURG

Leesburg Intl

FDC 5/0305 LEE STAR LEESBURG INTERNATIONAL
AIRPORT, LEESBURG, FLORIDA BAIERN THREE
ARRIVAL UNUSEABLE FOR NON-GPS EQUIPPED
AIRCRAFT PBI VOR OUT OF SERVICE
1510050100-1510051100.

MARATHON

The Florida Keys Marathon

FDC 5/6806 MTH ODP THE FLORIDA KEYS
MARATHON, MARATHON, FL. TAKEOFF MINIMUMS
AND (OBSTACLE) DEPARTURE PROCEDURES AMDT
1A...DEPARTURE PROCEDURE RWY 25, CLIMB
DIRECT MTH NDB THEN VIA 307 BEARING FROM
MTH NDB TO TIGAR INT BEFORE PROCEEDING ON
COURSE. ALL OTHER DATA REMAINS AS
PUBLISHED. THIS IS TAKEOFF MINIMUMS AND
(OBSTACLE) DEPARTURE PROCEDURES, AMDT 1B.
1509081850-PERM.

MIAMI

Miami Executive

FDC 5/5048 TMB SID MIAMI EXECUTIVE, MIAMI,
FL. MIAMI THREE DEPARTURE...DISREGARD NOTE:
TURBOJETS ACCELERATE TO 250K AS RAPIDLY AS
FEASIBLE UNTIL REACHING 10000 MSL, UNLESS
REQUESTED BY ATC TO DO OTHERWISE
1508031448-1602291447EST.

FDC 5/2658 TMB IAP MIAMI EXECUTIVE, MIAMI,
FL. ILS OR LOC RWY 9R, AMDT 11A...RNAV (GPS)
RWY 27R, ORIG-A...RNAV (GPS) RWY 9L,
ORIG-B...RNAV (GPS) RWY 9R, AMDT 2A...CIRCLING
CATS A/B/C MDA 540/HAT 530. TEMPORARY CRANE
189 MSL 1.26 NM E OF RWY 27L.
1510261636-1604231636EST.

FDC 5/2656 TMB IAP MIAMI EXECUTIVE, MIAMI, FL. RNAV (GPS) RWY 27R, ORIG-A...LNAV/VNAV DA 564/HAT 556, VIS 1 7/8 ALL CATS. LNAV MDA 500/HAT 492 ALL CATS. VIS CATS C/D 1 7/8. CIRCLING CATS A/B/C MDA 540/HAT 530. VDP NA. TEMPORARY CRANE 189 MSL 1.26 NM E OF RWY 27L. 1510261634-1604231634EST.

Miami Intl

FDC 5/9575 MIA IAP MIAMI INTL, MIAMI, FL. RNAV (GPS) RWY 9, AMDT 1A...LPV NA. LNAV/VNAV DA 436/HAT 429, VIS RVR 5000 ALL CATS. TEMPORARY CRANE 158 MSL 2022 FT W OF RWY 9. TEMPORARY CRANE 158 MSL 2021 FT W OF RWY 9. 1507231400-1601191359EST.

FDC 5/8791 MIA IAP MIAMI INTL, MIAMI, FL. ILS OR LOC RWY 9, AMDT 9D...S-ILS 9 NA. S-LOC 9 MDA 460/HAT 453 ALL CATS. VIS CAT A/B/C RVR 5000. TEMPORARY CRANE 158 MSL 2166 FT W OF RWY 9. TEMPORARY CRANE 158 MSL 2022FT W OF RWY 9. 1510191600-1604161600EST.

FDC 5/8483 MIA IAP MIAMI INTL, MIAMI, FL. ILS OR LOC RWY 26L, AMDT 15C...S-ILS 26L DA 351/HAT 343 ALL CATS. VIS ALL CATS RVR 4500. 1509301631-1605041628EST.

FDC 5/8272 MIA IAP MIAMI INTL, MIAMI, FL. RNAV (GPS) Z RWY 27, AMDT 2...LNAV MDA 580/HAT 572 ALL CATS. VIS CAT C RVR 6000. 1509301409-1605051409EST.

FDC 5/7170 MIA SID MIAMI INTL, MIAMI, . MIAMI FOUR DEPARTURE...TAKEOFF MINIMUMS: RWY 26R, 400-2 1/2 OR STANDARD WITH MINIMUM CLIMB OF 242 FT PER NM TO 600. RWY 26L, 400-2 1/2 OR STANDARD WITH MINIMUM CLIMB OF 239 FT PER NM TO 600. RWY 30, 400-2 1/2 OR STANDARD WITH MINIMUM CLIMB OF 240 FT PER NM TO 600. TAKEOFF OBSTACLE NOTES: RWY 8R, TEMPORARY CRANE 1987 FT FROM DER, 875 FT RIGHT OF CENTERLINE, 65 AGL/74 MSL. RWY 26R, TEMPORARY CRANE 2.06 NM FROM DER, 3060 FT RIGHT OF CENTERLINE, 330 FT AGL/338 FT MSL. RWY 26L, TEMPORARY CRANE 2.06 NM FROM DER, 3859 FT RIGHT OF CENTERLINE, 330 FT AGL/338 FT MSL. RWY 27, TEMPORARY CRANE 2122 FT FROM DER, 432 FT RIGHT OF CENTERLINE, 150 AGL/158 MSL. RWY 30, TEMPORARY CRANE 2.09 NM FROM DER, 2820 FT LEFT OF CENTERLINE, 330 FT AGL/338 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1510151248-1604121248EST.

FDC 5/3458 MIA IAP MIAMI INTL, MIAMI, FL. RNAV (GPS) Z RWY 26L, AMDT 1B...LPV DA 353/HAT 345 ALL CATS. 1510081359-1604051359EST.

FDC 5/2030 MIA ODP MIAMI INTL, MIAMI, FL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 17A...TAKEOFF MINIMUMS: RWY 26R, 400-2 1/2 OR STANDARD WITH MINIMUM CLIMB OF 242 FT PER NM TO 600. RWY 26L, 400-2 1/2 OR STANDARD WITH MINIMUM CLIMB OF 239 FT PER NM TO 600. RWY 30, 400-2 1/2 OR STANDARD WITH MINIMUM CLIMB OF 240 FT PER NM TO 600. NOTE: RWY 8R, TEMPORARY CRANE 1987 FT FROM DER, 875 FT RIGHT OF CENTERLINE, 65 AGL/74 MSL. RWY 26R, TEMPORARY CRANE 2.06 NM FROM DER, 3060 FT RIGHT OF CENTERLINE, 330 FT AGL/338 FT MSL. RWY 26L, TEMPORARY CRANE 2.06 NM FROM DER, 3859 FT RIGHT OF CENTERLINE, 330 FT AGL/338 FT MSL. RWY 27, TEMPORARY CRANE 2122 FT FROM DER, 432 FT RIGHT OF CENTERLINE, 150 AGL/158 MSL. RWY 30, TEMPORARY CRANE 2.09 NM FROM DER, 2820 FT LEFT OF CENTERLINE, 330 FT AGL/338 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1508131200-1602091200EST.

FDC 5/1789 MIA SID MIAMI INTL, MIAMI, FL. BSTER TWO DEPARTURE (RNAV)...DEEEP TWO DEPARTURE (RNAV)...EONNS TWO DEPARTURE (RNAV)...MNATE TWO DEPARTURE (RNAV)...SKIPS TWO DEPARTURE (RNAV)...SOUBY FIVE DEPARTURE...TAKEOFF OBSTACLE NOTES: RWY 27, TEMPORARY CRANE 2122 FT FROM DER, 432 FT RIGHT OF CENTERLINE, 150 AGL/158 MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1510231305-1605261305EST.

FDC 5/1787 MIA SID MIAMI INTL, MIAMI, FL. HEDLY TWO DEPARTURE (RNAV)...HITAG TWO DEPARTURE (RNAV)...JONZI TWO DEPARTURE (RNAV)...PADUS TWO DEPARTURE (RNAV)...VALLY TWO DEPARTURE (RNAV)...WINCO TWO DEPARTURE (RNAV)...TAKEOFF MINIMUMS: RWY 8R, STANDARD WITH MINIMUM OBSTACLE CLIMB OF 211 FEET PER NM TO 1000, MINIMUM ATC CLIMB OF 500 FEET PER NM TO 520. TAKEOFF OBSTACLE NOTES: RWY 27, TEMPORARY CRANE 2122 FT FROM DER, 432 FT RIGHT OF CENTERLINE, 150 AGL/158 MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1510231305-1605261305EST.

FDC 5/1786 MIA SID MIAMI INTL, MIAMI, FL. POTTR SIX DEPARTURE...TAKE-OFF MINIMUMS: RWY 8R, STANDARD WITH MINIMUM OBSTACLE CLIMB OF 211 FEET PER NM TO 1000. TAKEOFF OBSTACLE NOTES: RWY 27, TEMPORARY CRANE 2122 FT FROM DER, 432 FT RIGHT OF CENTERLINE, 150 AGL/158 MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1510231305-1605261305EST.

FDC 5/1495 MIA IAP MIAMI INTL, MIAMI, FL. ILS OR LOC RWY 30, AMDT 1A...S-ILS 30 DA 258/HAT 250 ALL CATS. VIS ALL CATS RVR 4000. LOC MISSED APPROACH POINT I-DCX 2.0 DME. DISREGARD TIME/DISTANCE TABLE. DISREGARD S-LOC 30 820 MDA MINIMUMS. ONLY PECOT FIX MINIMUMS APPLY. INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 30. ILS UNUSABLE 0.5 NM FROM THRESHOLD. 1506031444-1511301444EST.

FDC 5/1041 MIA IAP MIAMI INTL, MIAMI, FL. RNAV (RNP) Y RWY 26L, ORIG-B...RNP 0.20 DA 432/HAT 424 ALL CATS. VIS ALL CATS RVR 6000. RNP 0.30 DA 571/HAT 563 ALL CATS. FOR INOPERATIVE MALSF, INCREASE RNP 0.20 ALL CATS VISIBILITY TO 1 3/8 AND RNP 0.30 TO 1 7/8 MILE. 1510051800-1604021800EST.

FDC 5/0615 MIA IAP MIAMI INTL, MIAMI, FL. RNAV (GPS) Z RWY 26L, AMDT 1B...LPV DA NA. LNAV/VNAV DA 506/HAT 498, VIS 1 3/4 ALL CATS. 1511101236-1605081236EST.

Opa-Locka Executive

FDC 5/7036 OPF SID OPA-LOCKA EXECUTIVE, MIAMI, . MIAMI FOUR DEPARTURE...DEPARTURE PROCEDURE NA. 1510151043-1604121043EST.

NAPLES

Naples Muni

FDC 5/3617 APF ODP NAPLES MUNI, NAPLES, FL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...TAKE-OFF MINIMUMS: RWY 23, 300-1 1/2 OR STANDARD WITH A MINIMUM CLIMB OF 277 PER NM TO 400. NOTE: RWY 14, BUILDING 1551 FT FROM DER, 719 FT RIGHT OF CENTERLINE, 48 FT AGL/56 FT MSL. NOTE: RWY 23 TEMPORARY CRANE 2382 FT FROM DER 163FT LEFT OF CENTERLINE, 109FT AGL/117FT MSL. NOTE: RWY 23 TEMPORARY CRANE 7946 FT FROM DER 616FT RIGHT OF CENTERLINE, 48FT AGL/56FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1506051201-1512021201EST.

FDC 5/3615 APF IAP NAPLES MUNI, NAPLES, FL. RNAV (GPS) RWY 5, AMDT 2...LPV DA 356/HAT 348. VIS 1 1/8 ALL CATS. LNAV/VNAV DA 517/HAT 509. VIS 1 3/4 ALL CATS. LNAV MDA 620/HAT 612 ALL CATS. CAT C/D VIS 1 3/4. CIRCLING MDA 660/HAA 652 ALL CATS. CAT C VIS 1 3/4. TEMPORARY CRANE 117FT MSL 109FT AGL 2388FT SW OF APCH END RWY 5. 1506051201-1512021201EST.

NEW SMYRNA BEACH

New Smyrna Beach Muni

FDC 5/7354 EVB IAP NEW SMYRNA BEACH MUNI, NEW SMYRNA BEACH, FL. RADAR RWY 11 - MAP 0.0, AMDT 3A...PROCEDURE NA. 1509091621-1603071621EST.

ORLANDO

Executive

FDC 5/0088 ORL IAP EXECUTIVE, ORLANDO, FL. ILS OR LOC RWY 25, ORIG-A...RNAV (GPS) RWY 25, AMDT 2A...CIRCLING CAT A/B/C MDA 640/HAA 527. TEMPORARY CRANE 275 MSL 1.23 NM N OF RWY 25. 1506011309-1511281308EST.

Orlando Intl

FDC 5/9788 MCO STAR ORLANDO INTL, ORLANDO, FL. PIGLT FOUR STAR...HKUNA VERTICAL PALNNING INFORMATION...CHANGE TO READ: EXPECT FL290. 1511062000-PERM.

FDC 5/9573 MCO IAP ORLANDO INTL, ORLANDO, FL. VOR/DME RWY 36L, AMDT 5A...S-36L MDA 680/HAT 587 ALL CATS. VIS CAT C/D 1 3/4. VDP 9.27 DME. PROFILE NOTE: VGSI AND DESCENT ANGLE NOT COINCIDENT (VGSI ANGLE 3.00/TCH 68.8). TEMPORARY CRANES 372 MSL 3713 FT SE OF RWY 36R THROUGH 1 NM NE OF RWY 36R. EXCEPT WHEN ADVISED BY ATCT THAT CRANES ARE DOWN. 1508261707-1602221707EST.

FDC 5/9572 MCO IAP ORLANDO INTL, ORLANDO, FL. VOR/DME RWY 36R, AMDT 10A...S-36R MDA 680/HAT 588 ALL CATS. VIS CAT C/D 1 1/4. VDP 9.29 DME. PROFILE NOTE: VGSI AND DESCENT ANGLE NOT COINCIDENT (VGSI ANGLE 3.00/TCH 71.2). TEMPORARY CRANES 372 MSL 3713 FT SE OF RWY 36R THROUGH 1 NM NE OF RWY 36R. EXCEPT WHEN ADVISED BY ATCT THAT CRANES ARE DOWN. 1508261707-1602221707EST.

FDC 5/9571 MCO IAP ORLANDO INTL, ORLANDO, FL. RNAV (GPS) RWY 36L, AMDT 1...LNAV/VNAV DA 536/HAT 443, VIS 1 1/2 ALL CATS. LNAV MDA 580/HAT 487 ALL CATS. VIS CAT C/D 1 3/8. VDP 1.32 NM TO RWY 36L. TEMPORARY CRANES 372 MSL 3713 FT SE OF RWY 36R THROUGH 1 NM NE OF RWY 36R. EXCEPT WHEN ADVISED BY ATCT THAT CRANES ARE DOWN. 1508261707-1602221707EST.

FDC 5/9570 MCO IAP ORLANDO INTL, ORLANDO, FL. RNAV (GPS) RWY 36R, AMDT 1...LNAV/VNAV DA 583/HAT 491, VIS 1 1/8 ALL CATS. LNAV MDA 680/HAT 588 ALL CATS, VIS CAT A/B 1 CAT C/D 1 1/4. VDP 1.62 NM TO RWY 36R. TEMPORARY CRANES 372 MSL 3713 FT SE OF RWY 36R THROUGH 1 NM NE OF RWY 36R. EXCEPT WHEN ADVISED BY ATCT THAT CRANES ARE DOWN. 1508261707-1602221707EST.

FDC 5/9569 MCO IAP ORLANDO INTL, ORLANDO, FL. RNAV (GPS) RWY 35L, AMDT 1...LNAV MDA 680/HAT 592 ALL CATS. VIS CAT C/D 1 1/4. DISREGARD LNAV ONLY AMICI AND ALTITUDE 540. DISREGARD INOP TABLE NOTE. TEMPORARY CRANES 372 MSL 3713 FT SE OF RWY 36R THROUGH 1 NM NE OF RWY 36R. EXCEPT WHEN ADVISED BY ATCT THAT CRANES ARE DOWN. 1508261707-1602221707EST.

POMPANO BEACH

Pompano Beach Airpark

FDC 5/4136 PMP ODP POMPANO BEACH AIRPARK, POMPANO BEACH, FL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 5...NOTE: RWY 10, BUILDING 1490 FT FROM DER, 122 FT RIGHT OF CENTERLINE, 53 FT AGL/64 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1510091234-1604061234EST.

PUNTA GORDA

Punta Gorda

FDC 5/1533 PGD CHART PUNTA GORDA, PUNTA GORDA, FL. ILS OR LOC RWY 4, ORIG...CORRECT COMMUNICATION BRIEFING STRIP: CHANGE LOC/DME I-PGD FREQUENCY TO READ 109.75 INSTEAD OF 109.7. 1511121212-PERM.

SEBASTIAN

Sebastian Muni

FDC 5/0760 X26 ODP SEBASTIAN MUNI, SEBASTIAN, FL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG-A...TAKEOFF MINIMUMS: RWY 10, 300-1 OR STANDARD WITH MINIMUM CLIMB OF 285 FEET PER NM TO 300. NOTE: RWY 10, ANTENNA 5232 FEET FROM DER, 1708 FEET LEFT OF CENTERLINE, 187 FEET AGL/212 FEET MSL.. ALL OTHER DATA REMAINS AS PUBLISHED. 1509151509-1603131509EST.

ST AUGUSTINE

Northeast Florida Rgnl

FDC 5/7938 SGJ IAP NORTHEAST FLORIDA RGNL, ST AUGUSTINE, . VOR RWY 31, ORIG-A...CIRCLING CATS A/B/C MDA 560/HAA 550. DME MINIMUMS CIRCLING CATS A/B/C MDA 560/HAA 550. TEMPORARY CRANE 192 MSL 3635 FT SE OF RWY 13. 1510161155-1604131155EST.

FDC 5/7937 SGJ IAP NORTHEAST FLORIDA RGNL, ST AUGUSTINE, . ILS OR LOC/DME RWY 31, ORIG-C...RNAV (GPS) RWY 13, ORIG-D...RNAV (GPS) RWY 31, AMDT 1D...CIRCLING CAT A MDA 560/HAA 550. TEMPORARY CRANE 192 MSL 3635 FT SE OF RWY 13. 1510161155-1604131155EST.

FDC 5/1649 SGJ IAP NORTHEAST FLORIDA RGNL, ST AUGUSTINE, FL. VOR RWY 13, ORIG-C...WIKAM FIX MINIMUMS NA. S-13 MDA 620/HAT 610 ALL CATS. CIRCLING MDA 620/HAA 610 ALL CATS. VIS CAT C 1 3/4. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING TO RWY 31 NA AT NIGHT. DISREGARD NOTE: CIRCLING TO RWY 2/20 AND 6/24 NA AT NIGHT. 1510061712-1604031712EST.

FDC 5/1647 SGJ IAP NORTHEAST FLORIDA RGNL, ST AUGUSTINE, FL. VOR RWY 13, ORIG-C...DELETE NOTE: CIRCLING TO RWY 2/20 AND RWY 6/24 NA AT NIGHT. DELETE WIKAM FIX MINIMUMS. DELETE NOTE: WHEN VGSI INOP, CIRCLING TO RWY 31 NA AT NIGHT. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART FAS OBST: 315 TOWER 300243N/0812527W. S-13 MDA 620/HAT 610 ALL CATS, VIS CAT C 1 3/4, CIRCLING MDA 620/HAA610 ALL CATS, VIS CAT C 1 3/4. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE JACKSONVILLE NAS (TOWERS FLD) ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET AND S-13 VISIBILITY CAT C/D AND CIRCLING CAT C 1/8 MILE. DELETE ALL REFERENCES TO WIKAM/SGJ 2.4 DME AND ALTITUDE 540. DELETE DESCENT ANGLE 3.42/TCH 44. DELETE PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS VOR RWY 13 ORIG-D. 1510061658-PERM.

FDC 5/1557 SGJ IAP NORTHEAST FLORIDA RGNL, ST AUGUSTINE, FL. VOR RWY 31, ORIG-A...S-31 MOMIMUMS NA. DME MINIMUMS: S-31 NA. CIRCLING CAT A MDA 480/HAA 470, CATS B/C/D MDA 580/HAT 570, DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 31 PROCEDURE NA AT NIGHT. DISREGARD NOTE: CIRCLING TO RWY 2/20 AND 6/24 NA AT NIGHT. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE JACKSONVILLE NAS (TOWERS FLD) ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET AND INCREASE CIRCLING CAT C VISIBILITY 1/4 MILE. 1510051920-1604021858EST. 1510061518-1604031518EST.

ST PETERSBURG

Albert Whitted

FDC 5/5185 SPG IAP ALBERT WHITTED, ST PETERSBURG, FL. RNAV (GPS) RWY 18, ORIG-C...DESCENT ANGLE 4.00/TCH 37 NA. 1511181704-1605161703EST.

FDC 5/2725 SPG CHART ALBERT WHITTED, ST PETERSBURG, FL. LZARD SIX ARRIVAL (LZARD.LZARD6)...CORRECT PLANVIEW: CHANGE ORLANDO ORL VORTAC FREQUENCY TO READ 112.2 INSTEAD OF 112.1. 1510261752-PERM.

ST PETERSBURG-CLEARWATER

St Pete-Clearwater Intl

FDC 5/2731 PIE CHART ST PETE-CLEARWATER INTL, ST PETERSBURG-CLEARWATER, FL. LZARD SIX ARRIVAL (LZARD.LZARD6)...CORRECT PLANVIEW: CHANGE ORLANDO ORL VORTAC FREQUENCY TO READ 112.2 INSTEAD OF 112.1. 1510261754-PERM.

FDC 5/1161 PIE SID ST PETE-CLEARWATER INTL, ST PETERSBURG-CLEARWATER, FL. ST. PETE SIX DEPARTURE...TAKEOFF RWY 36R: TURBOJETS PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, PIE VOR RADIALS 016-025 SFC-3900FT UNUSABLE. 1508112125-1602072125EST.

TALLAHASSEE

Tallahassee Intl

FDC 5/3620 TLH IAP TALLAHASSEE INTL, TALLAHASSEE, FL. ILS OR LOC RWY 27, AMDT 10...ILS RWY 27 (CAT II), AMDT 10...CHART NOTE: DME REQUIRED. CHART IN PLANVIEW AND PROFILE AT GACED: SZW 12.37 DME. CHANGE MISSED APPROACH TO READ: CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 4000 ON HEADING 090 AND ON SZW VORTAC R-140 TO GACED INT/SZW 12.37 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000. THIS IS ILS OR LOC RWY 27, AMDT 10A; ILS RWY 27 (CAT II), AMDT 10A. 1510271850-PERM.

FDC 5/3607 TLH IAP TALLAHASSEE INTL, TALLAHASSEE, FL. ILS OR LOC/DME RWY 36, AMDT 25B...S-ILS 36** DA 262/HAT 200, VISIBILITY RVR 2400 ALL CATS. NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA. DELETE NOTE: FOR INOPERATIVE MALSR, INCREASE S-ILS 36 ALL CATS VISIBILITY TO RVR 5000. DELETE NOTE: WHEN LOCAL ALTIMETER NOT RECEIVED, USE BAINBRIDGE ALTIMETER SETTING AND INCREASE DA 95 FEET AND ALL MDA 100 FEET, INCREASE S-ILS 36 ALL CATS VISIBILITY TO RVR 4500 AND S-LOC 36 CAT C/D VISIBILITY TO RVR 5000. DELETE NOTE: FOR INOPERATIVE MALSR, WHEN USING BAINBRIDGE ALTIMETER SETTING, INCREASE S-ILS 36 ALL CATS AND S-LOC 36 CAT C/D VISIBILITY TO 1 3/8. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BAINBRIDGE ALTIMETER SETTING AND INCREASE ALL DA 95 FEET, AND ALL MDA 100 FEET, INCREASE S-LOC 36 CATS C AND D VISIBILITY TO RVR 5000. CHART NOTE: FOR INOPERATIVE MALSR WHEN USING BAINBRIDGE ALTIMETER SETTING, INCREASE S-ILS 36 VISIBILITY TO RVR 5000. THIS IS ILS OR LOC/DME RWY 36, AMDT 25C. 1510271845-PERM.

FDC 5/3573 TLH IAP TALLAHASSEE INTL, TALLAHASSEE, FL. RADAR 1, AMDT 5C...PROCEDURE NA. 1509181929-1603161929EST.

TAMPA

Macdill AFB

FDC 5/2724 MCF CHART MACDILL AFB, TAMPA, FL. LZARD SIX ARRIVAL (LZARD.LZARD6)...CORRECT PLANVIEW: CHANGE ORLANDO ORL VORTAC FREQUENCY TO READ 112.2 INSTEAD OF 112.1. 1510261750-PERM.

Peter O Knight

FDC 5/9941 TPF IAP PETER O KNIGHT, TAMPA, FL. RNAV (GPS) RWY 22, AMDT 2A...RNAV (GPS) RWY 36, AMDT 2B...CIRCLING CAT B MDA 720/HAA 712. TEMPORARY CRANE 409 MSL 1.33NM E OF RWY 36. 1508262025-1602222025EST.

FDC 5/3399 TPF IAP PETER O KNIGHT, TAMPA, FL. RNAV (GPS) RWY 22, AMDT 2A...NOTE: PROCEDURE NA AT NIGHT. CHANGE HELICOPTER RESTRICTION NOTE TO READ: VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1509181536-1604291535EST.

FDC 5/2722 TPF CHART PETER O KNIGHT, TAMPA, FL. LZARD SIX ARRIVAL (LZARD.LZARD6)...CORRECT PLANVIEW: CHANGE ORLANDO ORL VORTAC FREQUENCY TO READ 112.2 INSTEAD OF 112.1. 1510261748-PERM.

Tampa Executive

FDC 5/2737 VDF CHART TAMPA EXECUTIVE, TAMPA, FL. LZARD SIX ARRIVAL (LZARD.LZARD6)...CORRECT PLANVIEW: CHANGE ORLANDO ORL VORTAC FREQUENCY TO READ 112.2 INSTEAD OF 112.1. 1510261755-PERM.

Tampa Intl

FDC 5/6626 TPA IAP TAMPA INTL, TAMPA, FL. LOC RWY 1R, AMDT 4...ZELTO FIX MINIMUMS (DUAL VOR RECEIVERS OR DME REQUIRED) CIRCLING CATS A/B MDA 600/HAA 574. TEMPORARY CRANE 281 MSL 2477 FT E OF RWY 1R. 1511021542-1604301542EST.

FDC 5/6624 TPA ODP TAMPA INTL, TAMPA, FL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 10...NOTE: RWY 19L, TEMPORARY CRANE 5034 FT FROM DER, 1705 FT LEFT OF CENTERLINE, 150 FT AGL/160 FT MSL.. ALL OTHER DATA REMAINS AS PUBLISHED. 1511021541-1604301541EST.

FDC 5/5068 TPA IAP TAMPA INTL, TAMPA, FL. ILS OR LOC RWY 19L, AMDT 40C...ILS OR LOC RWY 19R, AMDT 5B...RNAV (GPS) RWY 28, AMDT 1B...RNAV (GPS) Z RWY 19L, AMDT 2D...CIRCLING CATS A/B/C/D MDA 600/HAA 574. TEMPORARY CRANE 281 MSL 2477 FT E OF RWY 1R. 1510131217-1604101217EST.

FDC 5/3926 TPA STAR TAMPA INTL, TAMPA, FL. FO0XX FOUR ARRIVAL...DISREGARD NOTE: FOR NON-GPS EQUIPPED AIRCRAFT: LAL, PIE, AND OCF MUST BE OPERATIONAL...LAL, PIE, AND OCF ARE NO LONGER CRITICAL DME FOR THIS PROCEDURE...1507302000-1512100900.

FDC 5/2721 TPA CHART TAMPA INTL, TAMPA, FL.
LZARD SIX ARRIVAL (LZARD.LZARD6)...CORRECT
PLANVIEW: CHANGE ORLANDO ORL VORTAC
FREQUENCY TO READ 112.2 INSTEAD OF 112.1.
1510261746-PERM.

TITUSVILLE

Arthur Dunn Air Park

FDC 5/9064 X21 IAP ARTHUR DUNN AIR PARK,
TITUSVILLE, FL. RNAV (GPS) RWY 15,
ORIG-A...DELETE NOTE: WHEN VGSI INOP,
CIRCLING RWY 33 NA AT NIGHT. DELETE NOTE:
WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 15
PROCEDURE NA AT NIGHT. CHART NOTE:
PROCEDURE NA NIGHT. THIS IS RNAV (GPS) RWY 15
ORIG-B. 1510201048-PERM.

Space Coast Rgnl

FDC 5/7846 TIX IAP SPACE COAST RGNL,
TITUSVILLE, FL. RNAV (GPS) RWY 9, AMDT
1...LVAN/VNAV DA 346/HAT 314, VIS 1 ALL CATS.
LNAV MDA 420/HAT 388 ALL CATS. VIS CATS C/D 1
1/8. VDP 1.07 NM TO RW09.
1508241822-1602201822EST.

UMATILLA

Umatilla Muni

FDC 5/8219 X23 IAP UMATILLA MUNI, UMATILLA,
FL. RNAV (GPS) RWY 19, ORIG-A...PROCEDURE NA.
1508061248-1602021248EST.

VENICE

Venice Muni

FDC 5/9754 VNC IAP VENICE MUNI, VENICE, FL.
RNAV (GPS) RWY 31, AMDT 1C...CIRCLING CAT C
MDA 700/HAA 682, VIS 2, CAT D MDA 920/HAA 902,
VIS 3. CHART CIRCLING ICON. ALTERNATE
MINIMUMS: STANDARD EXCEPT CAT D 1000-3, NA
WHEN LOCAL WEATHER NOT AVAILABLE. CHANGE
ALTIMETER SETTING NOTE TO READ: WHEN
LOCAL ALTIMETER SETTING NOT RECEIVED, USE
SARASOTA ALTIMETER SETTING AND INCREASE
ALL MDA 60 FEET LP/LNAV CAT C AND D
VISIBILITY 1/8 MILE AND CIRCLING CAT C
VISIBILITY 1/4 MILE. THIS IS RNAV (GPS) RWY 31,
AMDT 1D. 1510211111-PERM.

FDC 5/9753 VNC IAP VENICE MUNI, VENICE, FL.
RNAV (GPS) RWY 13, AMDT 1C...CIRCLING CAT C
MDA 700/HAA 682, VIS 2, CAT D MDA 920/HAA 902,
VIS 3. CHART CIRCLING ICON. ALTERNATE
MINIMUMS: STANDARD EXCEPT CAT D 1000-3, NA
WHEN LOCAL WEATHER NOT AVAILABLE. CHANGE
ALTIMETER SETTING NOTE TO READ: WHEN
LOCAL ALTIMETER SETTING NOT RECEIVED, USE
SARASOTA ALTIMETER SETTING AND INCREASE
ALL MDA 60 FEET AND CIRCLING CAT C VISIBILITY
1/4 MILE. THIS IS RNAV (GPS) RWY 13, AMDT 1D.
1510211111-PERM.

WEST PALM BEACH

North Palm Beach County General Aviation

FDC 5/2177 F45 IAP NORTH PALM BEACH COUNTY
GENERAL AVIATION, WEST PALM BEACH, FL. RNAV
(GPS) RWY 26L, ORIG...LNAV MDA 400/ HAT 378 ALL
CATS. 1508131443-1602091443EST.

WILLISTON

Williston Muni

FDC 5/4936 X60 IAP WILLISTON MUNI, WILLISTON,
FL. VOR RWY 23, AMDT 1...CHART NOTE: NIGHT
LANDING: RWY 5, 14, 23 NA. CHART NOTE:
HELICOPTER VISIBILITY REDUCTION BELOW 1 SM
NOT AUTHORIZED. CHANGE LOCAL ALTIMETER
SETTING NOTE TO READ: WHEN LOCAL ALTIMETER
SETTING NOT RECEIVED, USE OCALA ALTIMETER
SETTING AND INCREASE ALL MDA 60 FEET,
INCREASE S-23 CAT C AND CIRCLING CAT C
VISIBILITY 1/4 MILE. THIS IS VOR RWY 23, AMDT
1A. 1509031536-PERM.

FDC 5/4933 X60 IAP WILLISTON MUNI, WILLISTON,
FL. RNAV (GPS) RWY 5, ORIG...DELETE NOTE:
PROCEDURE NA AT NIGHT. CHART NOTE: NIGHT
LANDING: RWY 5, 14, 23 NA. CHANGE HELICOPTER
VISIBILITY REDUCTION NOTE TO READ:
HELICOPTER VISIBILITY REDUCTION BELOW 1 SM
NOT AUTHORIZED. CHANGE LOCAL ALTIMETER
SETTING NOTE TO READ: WHEN LOCAL ALTIMETER
SETTING NOT RECEIVED, USE OCALA ALTIMETER
SETTING AND INCREASE ALL MDA 60 FEET. THIS IS
RNAV (GPS) RWY 5 ORIG-A. 1509031532-PERM.

FDC 5/4932 X60 IAP WILLISTON MUNI, WILLISTON,
FL. RNAV (GPS) RWY 23, ORIG...CHART NOTE: NIGHT
LANDING: RWY 5, 14, 23 NOT AUTHORIZED.
CHANGE HELICOPTER VISIBILITY REDUCTION
NOTE TO READ: HELICOPTER VISIBILITY
REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHANGE LOCAL ALTIMETER SETTING NOTE TO
READ: WHEN LOCAL ALTIMETER SETTING NOT
RECEIVED, USE OCALA ALTIMETER SETTING AND
INCREASE ALL MDA 60 FEET. THIS IS RNAV (GPS)
RWY 23 ORIG-A. 1509031532-PERM.

GEORGIA

ALBANY

Southwest Georgia Rgnl

FDC 5/4058 ABY IAP SOUTHWEST GEORGIA RGNL, ALBANY, GA. VOR OR TACAN RWY 16, AMDT 27...TACAN PORTION NA, PZD TACAN AZIMUTH OUT OF SERVICE. 1510281325-1604251325EST.

ATHENS

Athens/Ben Epps

FDC 5/9280 AHN IAP ATHENS/BEN EPPS, ATHENS, GA. ILS OR LOC/DME RWY 27, AMDT 2...VOR RWY 2, AMDT 11B...VOR RWY 27, AMDT 13...ALTERNATE MINIMUMS NA, AHN VORTAC UNMONITORED. 1511061450-1512061450EST.

FDC 5/7038 AHN IAP ATHENS/BEN EPPS, ATHENS, GA. RNAV (GPS) RWY 27, AMDT 1...PROCEDURE NA. 1510151049-1604121049EST.

FDC 5/4854 AHN IAP ATHENS/BEN EPPS, ATHENS, GA. RNAV (GPS) RWY 9, ORIG-A...DELETE NOTE: WHEN VGS I INOP, STRAIGHT-IN/CIRCLING RWY 9 PROCEDURE NA AT NIGHT. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1506081459-1512051458EST.

ATLANTA

Cobb County-Mc Collum Field

FDC 5/9886 RYY IAP COBB COUNTY-MC COLLUM FIELD, ATLANTA, GA. ILS OR LOC RWY 27, AMDT 4C...MISSED APPROACH: CLIMB TO 1600 THEN CLIMBING RIGHT TURN TO 4200 ON HEADING 050 AND PDK VOR/DME R-324 TO FENTS INT/PDK 22.19 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4200, RMG VOR OUT OF SERVICE. 1511071541-1512121541EST.

FDC 5/6855 RYY IAP COBB COUNTY-MC COLLUM FIELD, ATLANTA, GA. RNAV (GPS) RWY 9, AMDT 3...CHANGE AIRPORT NAME TO READ: COBB COUNTY INTL - MCCOLLUM FIELD. THIS IS RNAV (GPS) RWY 9, AMDT 3A. 1510142120-PERM.

FDC 5/6144 RYY ODP COBB COUNTY-MC COLLUM FIELD, ATLANTA, GA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...NOTE: RWY 9, TEMPORARY CRANE 5492 FT FROM DER, 1232 FT RIGHT OF CENTERLINE, 100 FT AGL/1150 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1510141420-1604111420EST.

FDC 5/6003 RYY IAP COBB COUNTY-MC COLLUM FIELD, ATLANTA, GA. VOR/DME RWY 9, AMDT 2...CHART NOTE: NIGHT LANDING: RWY 9 NA. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHANGE AIRPORT NAME TO READ: COBB COUNTY INTL - MCCOLLUM FIELD. THIS IS VOR/DME RWY 9, AMDT 2A. 1508201149-PERM.

FDC 5/6001 RYY IAP COBB COUNTY-MC COLLUM FIELD, ATLANTA, GA. RNAV (GPS) RWY 27, AMDT 4A...LPV DA 1211. LNAV/VNAV DA 1680. LNAV HAT 569 ALL CATS. CIRCLING HAA 740 CAT A/B/C, 1180 CAT D. CHART TDZE 1011 DELETE THRE 998. CHANGE AIRPORT ELEVATION TO 1040. CHANGE AIRPORT NAME TO READ: COBB COUNTY INTL - MCCOLLUM FIELD. THIS IS RNAV (GPS) RWY 27, AMDT 4B. 1508201149-PERM.

FDC 5/5999 RYY IAP COBB COUNTY-MC COLLUM FIELD, ATLANTA, GA. ILS OR LOC RWY 27, AMDT 4C...S-ILS 27 DA 1211. S-LOC 27 HAT 689 ALL CATS. CUMAV FIX MINIMUMS: S-LOC 27 HAT 449 ALL CATS. CHART TDZE 1011 DELETE THRE 998. CHANGE AIRPORT ELEVATION TO 1040. CHANGE AIRPORT NAME TO READ: COBB COUNTY INTL - MCCOLLUM FIELD. THIS IS ILS OR LOC RWY 27, AMDT 4D. 1508201149-PERM.

FDC 5/5998 RYY ODP COBB COUNTY-MC COLLUM FIELD, ATLANTA, GA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT-2...CHANGE AIRPORT NAME TO READ: COBB COUNTY INTL - MCCOLLUM FIELD. THIS IS TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, AMDT-2A. 1508201149-PERM.

Dekalb-Peachtree

FDC 5/9879 PDK IAP DEKALB-PEACHTREE, ATLANTA, GA. ILS OR LOC RWY 21L, AMDT 8C...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, RMG VOR OUT OF SERVICE. 1511071541-1512121541EST.

FDC 5/4358 PDK ODP DEKALB-PEACHTREE, ATLANTA, GA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...NOTE: RWY 3L, TEMPORARY CRANE 1810 FT FROM DER, 410 FT LEFT OF CENTERLINE, 90 AGL/1076 MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1506251143-1512221143EST.

Fulton County Airport-Brown Field

FDC 5/9354 FTY IAP FULTON COUNTY AIRPORT-BROWN FIELD, ATLANTA, GA. RNAV (RNP) Z RWY 8, AMDT 1A...NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. PROCEDURE NA AT NIGHT. 1510011444-1603291444EST.

FDC 5/2549 FTY ODP FULTON COUNTY
AIRPORT-BROWN FIELD, ATLANTA, GA. TAKEOFF
MINIMUMS AND (OBSTACLE) DEPARTURE
PROCEDURES AMDT 7...TAKE-OFF MINIMUMS: RWY
8, 300-1 ? OR STANDARD WITH MINIMUM CLIMB OF
326 FT PER NM TO 1300. RWY 9, 300-2 OR STANDARD
WITH MINIMUM CLIMB OF 296 FT PER NM TO 1300.
RWY 26, 500-3 WITH MINIMUM CLIMB OF 203 FT
PER NM TO 1500 OR STANDARD WITH MINIMUM
CLIMB OF 300 FT PER NM TO 1400. ALL OTHER
DATA REMAINS AS PUBLISHED.
1510071717-1604041711EST.

FDC 5/2070 FTY IAP FULTON COUNTY
AIRPORT-BROWN FIELD, ATLANTA, GA. RNAV (GPS)
Y RWY 8, AMDT 1...RNAV/VNAV DA 1645/HATH 845,
VIS 2 1/2 ALL CATS. LNAV MDA 1540/HATH 740, VIS
CAT C/D 1 5/8. CHANGE INOPERATIVE NOTE TO
READ: FOR INOPERATIVE MALSR, INCREASE LNAV
CAT A/B VIS TO 1 MILE CATS C/D TO 2 MILES.
DISREGARD NOTE: CIRCLING TO RWYS 9, 27 AND
32 NA AT NIGHT. NOTE: NIGHT LANDING: RWY 9, 14,
27, 32 NA. CHANGE HELICOPTER VISIBILITY
REDUCTION NOTE TO READ: HELICOPTER
VISIBILITY REDUCTION BELOW 3/4 SM NOT
AUTHORIZED. DISREGARD NOTE: WHEN VGSI INOP
CIRCLING RWY 14 AND 26 NA AT NIGHT.
1508311530-1602271530EST.

Hartsfield - Jackson Atlanta Intl

FDC 5/9894 ATL IAP HARTSFIELD - JACKSON
ATLANTA INTL, ATLANTA, GA. ILS OR LOC RWY 27L,
AMDT 18A...ILS OR LOC RWY 27R, AMDT 6...ILS PRM
RWY 27L (SIMULTANEOUS CLOSE PARALLEL),
AMDT 3A...ILS PRM RWY 27L (SIMULTANEOUS
CLOSE PARALLEL), AMDT 3...ILS PRM RWY 27R
(SIMULTANEOUS CLOSE PARALLEL), AMDT 2...ILS
RWY 27L (CAT II), AMDT 18A...ILS RWY 27L (SA CAT
I), AMDT 18A...ILS PRM RWY 27L (CAT II)
(SIMULTANEOUS CLOSE PARALLEL), AMDT 3A...ILS
PRM RWY 27L (SA CAT I) (SIMULTANEOUS CLOSE
PARALLEL), AMDT 3A...RADAR OR DME REQUIRED
EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE
RNAV SYSTEM WITH GPS, RMG VOR OUT OF
SERVICE. 1511071541-1512121541EST.

FDC 5/9878 ATL IAP HARTSFIELD - JACKSON
ATLANTA INTL, ATLANTA, GA. ILS OR LOC RWY 26L,
AMDT 21...ILS OR LOC RWY 26R, AMDT 7...ILS OR
LOC RWY 8L, AMDT 5A...ILS OR LOC RWY 8R, AMDT
61...ILS PRM RWY 26L (SIMULTANEOUS CLOSE
PARALLEL), AMDT 2...ILS PRM RWY 26R
(SIMULTANEOUS CLOSE PARALLEL), AMDT 3...ILS
PRM RWY 8L (SIMULTANEOUS CLOSE PARALLEL),
AMDT 2...ILS PRM RWY 8R (SIMULTANEOUS CLOSE
PARALLEL), AMDT 2...ILS RWY 8L (SA CAT I), AMDT
5A...ILS RWY 8L (CAT II AND III), AMDT 5A...ILS PRM
RWY 8L (SA CAT I)(SIMULTANEOUS CLOSE
PARALLEL), AMDT 2...ILS RWY 26R (SA CAT I AND
II), AMDT 7...ILS PRM RWY 26R (SA CAT I AND II)
(SIMULTANEOUS CLOSE PARALLEL), AMDT 3...DME
REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH
SUITABLE RNAV SYSTEM WITH GPS, RMG VOR OUT
OF SERVICE. 1511071541-1512121541EST.

FDC 5/2428 ATL IAP HARTSFIELD - JACKSON
ATLANTA INTL, ATLANTA, GA. RNAV (GPS) RWY 9R,
AMDT 4A...LNAV MDA 1500/HAT 474 ALL CATS. VIS
CATS C AND D RVR 5500. NOTE: FOR INOPERATIVE
ALSF-2, INCREASE LNAV CATS C AND D VISIBILITY
TO 1 3/8 MILE. TEMPORARY CRANES UP TO 240
AGL/1250 MSL 3708 FT SE OF RWY 9R.
1510261242-1604231242EST.

FDC 5/2062 ATL IAP HARTSFIELD - JACKSON
ATLANTA INTL, ATLANTA, GA. RNAV (GPS) PRM Y
RWY 8L (SIMULTANEOUS CLOSE PARALLEL),
ORIG...LNAV/VNAV DA 1417/HAT 402 ALL CATS.
TEMPORARY CRANE 1256 MSL 2271 FT SE OF RWY
8R. 1510231834-1604201834EST.

FDC 5/2061 ATL IAP HARTSFIELD - JACKSON
ATLANTA INTL, ATLANTA, GA. RNAV (GPS) Y RWY
08L, AMDT 4...LNAV/VNAV DA 1417/HAT 402 ALL
CATS. LNAV MDA 1520/HAT 505 ALL CATS. VIS CATS
C/D RVR 5500. VDP 1.36 NM TO RW08L. TEMPORARY
CRANE 1256 MSL 2271 FT SE OF RWY 8R.
1510231834-1604201834EST.

FDC 5/2060 ATL IAP HARTSFIELD - JACKSON
ATLANTA INTL, ATLANTA, GA. RNAV (GPS) RWY 8R,
AMDT 4...LNAV MDA 1520/HAT 496 ALL CATS. VIS
CATS C/D 1 3/8. VDP 1.34 NM TO RW08R.
TEMPORARY CRANE 1256 MSL 2271 FT SE OF RWY
8R. 1510231834-1604201834EST.

FDC 3/8599 ATL FI/T STAR HARTSFIELD-JACKSON
ATLANTA INTL, ATLANTA, GA. RPTOR THREE
ARRIVAL NOTE EXPECT RWY 9R.

FDC 3/7680 ATL FI/T STAR HARTSFIELD-JACKSON
ATLANTA INTL, ATLANTA, GA. BNELE ONE ARRIVAL
NOTE: LANDING WEST EXPECT RWY 26R- LANDING
EAST EXPECT RWY 9R.

FDC 3/7676 ATL FI/T STAR HARTSFIELD-JACKSON
ATLANTA INTL, ATLANTA, GA. KOLT ONE ARRIVAL
NOTE: LANDING WEST EXPECT RWY 26R- LANDING
EAST EXPECT RWY 9R.

FDC 3/7670 ATL FI/T STAR HARTSFIELD-JACKSON
ATLANTA INTL, ATLANTA, GA. EVULE ONE ARRIVAL
NOTE: LANDING WEST EXPECT RWY 26R- LANDING
EAST EXPECT RWY 8L.

Newnan Coweta County

FDC 5/5817 CCO IAP NEWNAN COWETA COUNTY,
ATLANTA, GA. ILS OR LOC/NDB RWY 32,
ORIG...CIRCLING CAT B MDA 1420/HAA 450..
CHANGE ALL MALSR REFERENCE TO MALSF.
1508200905-1602160905EST.

FDC 5/5189 CCO IAP NEWNAN COWETA COUNTY,
ATLANTA, GA. ILS OR LOC/NDB RWY 32,
ORIG...S-ILS 32 VIS 3/4. S-LOC 32 VIS 3/4 ALL CATS.
DISREGARD NOTE: NIGHT LANDING: RWY 32 NA.
CHANGE HELICOPTER VISIBILITY REDUCTION
NOTE TO READ: HELICOPTER VISIBILITY
REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
1510292028-1606092028EST.

Paulding Northwest Atlanta

FDC 5/9880 PUJ IAP PAULDING NORTHWEST
ATLANTA, ATLANTA, GA. ILS OR LOC/DME RWY 31,
ORIG-B...MISSED APPROACH: CLIMB TO 3000 THEN
CLIMBING RIGHT TURN TO 3600 ON ATL VORTAC
R-318 TO DALAS INT/ATL 28.30 DME AND HOLD NW,
LT, 138.26 INBOUND, RMG VOR OUT OF SERVICE.
1511071541-1512121541EST.

AUGUSTA

Augusta Rgnl At Bush Field

FDC 5/9887 AGS IAP AUGUSTA RGNL AT BUSH
FIELD, AUGUSTA, GA. RADAR-1 RWY 17,
ORIG...RADAR-1 RWY 35, ORIG...PROCEDURE NA.
1507021757-1512291757EST.

FDC 5/9357 AGS STAR AUGUSTA REGIONAL AT
BUSH FIELD, AUGUSTA, GA, STUGE THREE
ARRIVAL...DURING THE MASTERS GOLF EVENT,
EXPECT TO CROSS SAV VORTAC AT FL240. DURING
NORMAL OPERATIONS OUTSIDE THE EVENT,
CROSS SAV VORTAC AT FL180 PER THE PLANNING
INFORMATION ON THE STAR.
1504050900-1504130900.

FDC 5/9336 AGS SID AUGUSTA RGNL AT BUSH
FIELD, AUGUSTA, GA. DOVER THREE DEPARTURE
(RNAV)...JUNPR THREE DEPARTURE
(RNAV)...KAOLN FOUR DEPARTURE
(RNAV)...RDBUD TWO DEPARTURE
(RNAV)...DEPARTURE PROCEDURE TAKEOFF
MINIMUMS: RWY 17: STANDARD WITH MINIMUM
CLIMB OF 267 FT PER NM TO 2400. RWY 26:
STANDARD WITH MINIMUM CLIMB OF 324 FT PER
NM TO 2000. RWY 35: STANDARD WITH MINIMUM
CLIMB OF 305 FT PER NM TO 2500.. ALL OTHER
DATA REMAINS AS PUBLISHED.
1508261521-1602221521EST.

FDC 5/2646 AGS IAP AUGUSTA RGNL AT BUSH
FIELD, AUGUSTA, GA. ILS OR LOC RWY 35, AMDT
28B...NOTE: AUTO COUPLED APPROACH NA BELOW
940 MSL. 1510261625-1604231625EST.

Daniel Field

FDC 5/9888 DNL IAP DANIEL FIELD, AUGUSTA, GA.
RADAR-1 ASR 11, AMDT 7B...RADAR-1 ASR 29,
AMDT 7B...PROCEDURE NA.
1507021759-1512291759EST.

BLAKELY

Early County

FDC 5/8916 BIJ IAP EARLY COUNTY, BLAKELY, GA.
LOC/NDB RWY 23, AMDT 1A...PROCEDURE NA.
1510011116-1605231115EST.

FDC 5/8370 BIJ IAP EARLY COUNTY, BLAKELY, GA.
RNAV (GPS) RWY 5, AMDT 2...NOTE: NIGHT
LANDING: RWY 5 NA. CHANGE HELICOPTER
RESTRICTION NOTE TO READ: VISIBILITY
REDUCTION BELOW 1 SM NOT AUTHORIZED.
1509301456-1605041455EST.

FDC 5/8302 BIJ IAP EARLY COUNTY, BLAKELY, GA.
RNAV (GPS) RWY 23, AMDT 2...NOTE: NIGHT
LANDING: RWY 23 NA. CHANGE HELICOPTER
RESTRICTION NOTE TO READ: VISIBILITY
REDUCTION BELOW 1 SM NOT AUTHORIZED.
1509301423-1605041423EST.

BRUNSWICK

Mckinnon St Simons Island

FDC 5/0896 SSI IAP MALCOLM MC KINNON,
BRUNSWICK, GA. RNAV (GPS) RWY 22, ORIG...NOTE:
NIGHT LANDING: RWY 16, 34 NA.
1508111642-1602071642EST.

FDC 5/0869 SSI IAP MALCOLM MC KINNON,
BRUNSWICK, GA. RNAV (GPS) RWY 4,
ORIG-A...NOTE: NIGHT LANDING: RWY 16, 34 NA.
1508111638-1602071638EST.

FDC 5/0361 SSI IAP MCKINNON ST SIMONS ISLAND, BRUNSWICK, GA. VOR RWY 4, AMDT 16...PROCEDURE NA AT NIGHT. 1509141831-1603121831EST.

BUTLER

Butler Muni

FDC 5/1709 6A1 IAP BUTLER MUNI, BUTLER, GA. RNAV (GPS) RWY 36, AMDT 1B...LPV DA 1009/HAT 350 CATS A/B/C. THIS IS RNAV (GPS) RWY 36, AMDT 1C. 1510231059-PERM.

CAIRO

Cairo-Grady County

FDC 5/1381 70J IAP CAIRO-GRADY COUNTY, CAIRO, GA. RNAV (GPS) RWY 13, AMDT 1A...DESCENT ANGLE 3.00/TCH 45 NA. 1506191423-1512161422EST.

CALHOUN

Gordon Hospital

FDC 5/1771 GE02 SPECIAL GORDON HOSPITAL, CALHOUN, GA. COPTER RNAV (GPS) 139, ORIG...IFR DEPARTURE NA. 1510061826-1605131826EST.

CARROLLTON

West Georgia Rgnl - O V Gray Field

FDC 5/3409 CTJ IAP WEST GEORGIA RGNL - O V GRAY FIELD, CARROLLTON, GA. RNAV (GPS) RWY 35, ORIG...NIGHT LANDING: RWY 17 NA.. CHANGE BACKUP ALTIMETER NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NEWNAN COWETA COUNTY ALTIMETER SETTING AND INCREASE DA TO 1480 FEET AND ALL VISIBILITIES 1/4 MILE; INCREASE ALL MDA 100 FEET AND LNAV CATS C/D AND CIRCLING CAT C VISIBILITIES 1/4 MILE. RWY 17 20:1 PENETRATION. BACKUP ALTIMETER VISIBILITY NOW REQUIRED. NEW OBSTACLE IN THE LEFT BASE AREA. 1509181542-1603161542EST.

FDC 5/3401 CTJ IAP WEST GEORGIA RGNL - O V GRAY FIELD, CARROLLTON, GA. RNAV (GPS) RWY 17, ORIG-A...NIGHT LANDING: RWY 17 NA.. CHANGE BACKUP ALTIMETER NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NEWNAN COWETA COUNTY ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET AND LNAV CATS C/D AND CIRCLING CAT C VISIBILITIES 1/4 MILE. CHANGE *1960 WHEN USING NEWNAN ALTIMETER SETTING NOTE TO READ: *1960 WHEN USING NEWNAN COWETA COUNTY ALTIMETER SETTING. CHANGE HELICOPTER VISIBILITY NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1509181539-1603161539EST.

FDC 5/1661 CTJ ODP WEST GEORGIA RGNL - O V GRAY FIELD, CARROLLTON, GA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKE-OFF MINIMUMS RWY 35, 300-1 OR STANDARD WITH A MINIMUM CLIMB OF 276 FEET PER NM TO 1700. ALL OTHER DATA REMAINS AS PUBLISHED. 1511121347-1605101347EST.

CARTERSVILLE

Cartersville

FDC 5/9890 VPC IAP CARTERSVILLE, CARTERSVILLE, GA. LOC RWY 19, AMDT 3A...RADAR REQUIRED FOR PROCEDURE ENTRY EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, RMG VOR OUT OF SERVICE. 1511071541-1512121541EST.

CLAXTON

Claxton-Evans County

FDC 5/2308 CWV IAP CLAXTON-EVANS COUNTY, CLAXTON, GA. RNAV (GPS) RWY 27, ORIG...RNAV (GPS) RWY 9, AMDT 1...NOTE: NIGHT LANDING: RWY 9/27 NA. CHANGE HELICOPTER RESTRICTION NOTE TO READ: VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.. 1509171400-1604041400EST.

COLUMBUS

Columbus

FDC 5/8337 CSG IAP COLUMBUS, COLUMBUS, GA. ILS OR LOC RWY 6, AMDT 25B...MISSED APPROACH: CLIMB TO 1300 THEN CLIMBING LEFT TURN TO 2500 DIRECT FENIX LOM AND HOLD (ADF REQUIRED). CSG VOR OUT OF SERVICE. 1508061351-1602021351EST.

FDC 5/4105 CSG IAP COLUMBUS, COLUMBUS, GA. RNAV (GPS) RWY 13, ORIG-A...DISREGARD NOTE: RWY 13 STRAIGHT-IN AND CIRCLING AND CIRCLING TO RWY 24/31 NA AT NIGHT. ADD NOTE: NIGHT LANDING: RWY 13, 31 NA. 1507311218-1601271218EST.

FDC 5/4103 CSG IAP COLUMBUS, COLUMBUS, GA. ILS OR LOC RWY 6, AMDT 25B...RNAV (GPS) RWY 6, ORIG-A...VOR-A, AMDT 23A...ADD NOTE: NIGHT LANDING: RWY 13, 31 NA. DISREGARD NOTE: CIRCLING TO RWY 13/24/31 NA AT NIGHT. 1507311218-1601271218EST.

FDC 5/4101 CSG IAP COLUMBUS, COLUMBUS, GA. RNAV (GPS) RWY 24, ORIG-A...DELETE NOTE: RWY 24 STRAIGHT-IN AND CIRCLING AND CIRCLING TO RWYS 24/31 NA AT NIGHT. NOTE: NIGHT LANDING RWY 13, 31 NA. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. 1507311159-1601271157EST.

CORDELE

Crisp County-Cordele

FDC 5/1217 CKF IAP CRISP COUNTY-CORDELE, CORDELE, GA. RNAV (GPS) RWY 23, ORIG...RNAV (GPS) RWY 5, ORIG...VOR/DME RWY 23, AMDT 11...ADD NOTE: NIGHT LANDING: RWY 28 NA.. 1511102139-1605082139EST.

FDC 5/1215 CKF IAP CRISP COUNTY-CORDELE, CORDELE, GA. LOC RWY 10, ORIG-C...NDB RWY 10, AMDT 5...RNAV (GPS) RWY 10, ORIG...RNAV (GPS) RWY 28, ORIG...ADD NOTE: NIGHT LANDING: RWY 28 NA.. 1511102137-1602042137EST.

DALTON

Dalton Muni

FDC 5/9892 DNN IAP DALTON MUNI, DALTON, GA. ILS OR LOC RWY 14, ORIG-C...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, RMG VOR OUT OF SERVICE. 1511071541-1512121541EST.

FDC 5/8459 DNN IAP DALTON MUNI, DALTON, GA. ILS OR LOC RWY 14, ORIG-C...S-ILS 14 DA 1078/HAT 369. 1509301619-1605041619EST.

FDC 5/0978 DNN IAP DALTON MUNI, DALTON, GA. RNAV (GPS) RWY 14, ORIG-B...LNAV/VNAV DA 1173/HAT 464. 1510051747-1604021747EST.

GREENSBORO

Greene County Rgnl

FDC 5/9279 3J7 IAP GREENE COUNTY RGNL, GREENSBORO, GA. VOR/DME-B, AMDT 2C...ALTERNATE MINIMUMS NA, AHN VORTAC UNMONITORED. 1511061450-1512061450EST.

GRIFFIN

Griffin-Spalding County

FDC 5/2848 6A2 IAP GRIFFIN-SPALDING COUNTY, GRIFFIN, GA. RNAV (GPS) RWY 14, ORIG-C...DESCENT ANGLE 3.00/TCH 40 NA. 1510262033-1604232032EST.

HAZLEHURST

Hazlehurst

FDC 5/9932 AZE IAP HAZLEHURST, HAZLEHURST, GA. NDB RWY 14, AMDT 4...NOTE: PROCEDURE NA AT NIGHT. CHANGE HELICOPTER VISIBILITY NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1508262020-1602222020EST.

FDC 5/9929 AZE IAP HAZLEHURST, HAZLEHURST, GA. RNAV (GPS) RWY 14, ORIG...LNAV MDA NA. NOTE: PROCEDURE NA AT NIGHT. CHANGE HELICOPTER VISIBILITY NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1508262020-1602222020EST.

LAFAYETTE

Barwick Lafayette

FDC 5/5951 9A5 IAP BARWICK LAFAYETTE, LAFAYETTE, GA. RNAV (GPS) RWY 2, AMDT 1...RNAV (GPS) RWY 20, AMDT 1...NOTE: PROCEDURE NA AT NIGHT. VISUAL DESCENT ANGLE 3.05/TCH 40 NOT AUTHORIZED. 1508201130-1602161130EST.

LAGRANGE

Lagrange-Callaway

FDC 5/8696 LGC IAP LAGRANGE-CALLAWAY, LAGRANGE, GA. ILS OR LOC RWY 31, AMDT 2A...VGSi AND ILS GLIDEPATH NOT COINCIDENT. 1509101939-1603081937EST.

FDC 5/8267 LGC IAP LAGRANGE-CALLAWAY, LAGRANGE, GA. ILS OR LOC RWY 31, AMDT 2...S-LOC 31: PROCEDURE NA, EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. CSG VOR OUT OF SERVICE.. 1508061329-1602021329EST.

MACON

Macon Downtown

FDC 5/9342 MAC IAP MACON DOWNTOWN, MACON, GA. LOC RWY 10, AMDT 7A...DISREGARD NOTE: WHEN VGSi INOPERATIVE, PROCEDURE NA AT NIGHT. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. 1508071553-1602031553EST.

FDC 5/9341 MAC IAP MACON DOWNTOWN, MACON, GA. RNAV (GPS) RWY 10, AMDT 1A...RNAV (GPS) RWY 28, AMDT 1A...LP MDA NA. DISREGARD NOTE: WHEN VGSI INOPERATIVE, PROCEDURE NA AT NIGHT. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. 1508071553-1602031553EST.

Middle Georgia Rgnl

FDC 5/8994 MCN IAP MIDDLE GEORGIA RGNL, MACON, GA. ILS OR LOC/DME RWY 5, AMDT 1B...S-ILS 5* DA 544/HAT 200 ALL CATS. VIS RVR 2400 ALL CATS. *CAT A/B/C/D RVR 1800 AUTHORIZED WITH THE USE OF FD OR AP OR HUD TO DA. S-LOC 5 VIS RVR 2400 CATS A/B. CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-ILS 5 CAT E VISIBILITY TO RVR 4000 AND S-LOC 5 CATS C/D/E VISIBILITY TO 1 3/8 MILES. DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DELETE NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 5. DELETE NOTE: FOR INOP MALSR, INCREASE S-LOC 5 CATS A/B VISIBILITY TO RVR 5500 AND CATS C/D/E VISIBILITY TO 1 3/8 MILE. THIS IS ILS OR LOC/DME RWY 5, AMDT 1C. 1510192007-PERM.

FDC 5/8992 MCN IAP MIDDLE GEORGIA RGNL, MACON, GA. RNAV (GPS) RWY 5, AMDT 1B...LPV DA 544/HAT 200 ALL CATS. VIS RVR 2400 ALL CATS. LNAV VIS RVR 2400 CATS A/B. 34:1 IS CLEAR. DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DELETE NOTE: FOR INOP MALSR, INCREASE LNAV CATS A/B VISIBILITY TO RVR 5500 AND CATS C/D VISIBILITY TO 1 3/8 MILE. DELETE NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV MINIMUMS. THIS IS RNAV (GPS) RWY 5, AMDT 1C. 1510192007-PERM.

MC RAE

Telfair-Wheeler

FDC 5/3338 MQW IAP TELFAIR-WHEELER, MC RAE, GA. RNAV (GPS) RWY 21, AMDT 1...NOTE: NIGHT LANDING: RWY 21 NA. CHANGE HELICOPTER RESTRICTION NOTE TO READ: VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1509181438-1603161438EST.

FDC 5/0358 MQW IAP TELFAIR-WHEELER, MC RAE, GA. NDB RWY 21, AMDT 10...NOTE: NIGHT LANDING: RWY 21 NA. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1509141830-1603121830EST.

FDC 5/0317 MQW IAP TELFAIR-WHEELER, MC RAE, GA. RNAV (GPS) RWY 3, ORIG...NOTE: PROCEDURE NA AT NIGHT. CHANGE HELICOPTER VISIBILITY NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1509141820-1603121820EST.

METTER

Metter Muni

FDC 5/3393 MHP IAP METTER MUNI, METTER, GA. RNAV (GPS) RWY 28, ORIG...MSA RW28 25 NM 2600. 1509181529-1603161529EST.

FDC 5/3014 MHP IAP METTER MUNI, METTER, GA. RNAV (GPS) RWY 10, ORIG...NOTE: NIGHT LANDING: RWY 10 NA. CHANGE HELICOPTER RESTRICTION NOTE TO READ: VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. MSA RW10 25 NM 2600. 1507091721-1601051721EST.

MONROE

Monroe-Walton County

FDC 5/5110 D73 ODP MONROE-WALTON COUNTY, MONROE, GA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...NOTE: RWY 3, TRANSMISSION LINE BEGINNING 1900 FT FROM DER, 92 FT RIGHT OF CENTERLINE, UP TO 83 FT AGL/917 FT MSL. TRANSMISSION LINE BEGINNING 2435 FT FROM DER, 91 FT LEFT OF CENTERLINE, UP TO 83 FT AGL/917 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1510291952-1604261952EST.

PINE MOUNTAIN

Harris County

FDC 5/8375 PIM IAP HARRIS COUNTY, PINE MOUNTAIN, GA. NDB RWY 9, AMDT 9A...IDDAE MINIMUMS NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. CSG VOR OUT OF SERVICE.. 1508061407-1602021407EST.

FDC 5/8373 PIM IAP HARRIS COUNTY, PINE MOUNTAIN, GA. VOR-A, AMDT 5A...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. CSG VOR OUT OF SERVICE. 1508061404-1602021404EST.

ROME

Richard B Russell Regional - J H Towers Field

FDC 5/9893 RMG IAP RICHARD B RUSSELL REGIONAL - J H TOWERS FIELD, ROME, GA. ILS OR LOC/DME RWY 1, ORIG-C...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, RMG VOR OUT OF SERVICE. 1511071541-1512121541EST.

FDC 5/8107 RMG ODP RICHARD B RUSSELL REGIONAL - J H TOWERS FIELD, ROME, GA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3...TEXTUAL DEPARTURE PROCEDURE TAKEOFF MINIMUMS: RWY 7, STANDARD WITH A MINIMUM CLIMB OF 225 FEET PER NM TO 1400. ALL OTHER DATA REMAINS AS PUBLISHED. 1509301352-1603281352EST.

SAVANNAH

Savannah/Hilton Head Intl

FDC 5/9614 SAV IAP SAVANNAH/HILTON HEAD INTL, SAVANNAH, GA. RNAV (RNP) Y RWY 28, AMDT 1B...CHANGE ALL REFERENCE TO THRE, TO TDZE, TDZE 50 FT, RNP 0.15 DA(H) 343 (293), RNP 0.30 DA(H) 433 (383) 1510011630-PERM.

FDC 5/9094 SAV IAP SAVANNAH/HILTON HEAD INTL, SAVANNAH, GA. VOR/DME OR TACAN RWY 1, ORIG-C...VOR/DME OR TACAN RWY 19, ORIG-A...TACAN PORTION NA, SAV TACAN AZIMUTH OUT OF SERVICE. 1505282034-1506282034EST.

FDC 5/0038 SAV IAP SAVANNAH/HILTON HEAD INTL, SAVANNAH, GA. VOR/DME-A, ORIG-A...PROCEDURE NA. 1508262120-1602222119EST.

THOMSON

Thomson-Mcduffie County

FDC 5/8379 HQU IAP THOMSON-MCDUFFIE COUNTY, THOMSON, GA. RNAV (GPS) RWY 28, ORIG-A...LPV DA NA. LNAV/VNAV DA NA. 1508061416-1602021416EST.

TIFTON

Henry Tift Myers

FDC 5/8341 TMA IAP HENRY TIFT MYERS, TIFTON, GA. ILS OR LOC RWY 33, AMDT 1...S-LOC 33 MDA 700/HATH 360, VIS 1 ALL CATS.. DISREGARD NOTE: FOR INOP MALSR INCREASE S-LOC RWY 33 VISIBILITY ALL CATS TO 1 MILE.. CHANGE NOTE: FOR INOP MALSR WHEN USING MOULTRIE MUNI ALTIMETER SETTING INCREASE S-LOC 33 VISIBILITY CATS A AND B TO 1 MILE, CATS C AND D TO 1 1/8 MILE TO FOR INOP MALSR WHEN USING MOULTRIE MUNI ALTIMETER SETTING INCREASE S-LOC 33 VISIBILITY CATS C AND D TO 1 1/8 MILE.. 1509301451-1605041451EST.

FDC 5/4527 TMA IAP HENRY TIFT MYERS, TIFTON, GA. VOR RWY 28, AMDT 10A...NOTE: NIGHT LANDING: RWY 28 NA. DISREGARD NOTE: STRAIGHT-IN AND CIRCLING TO RWY 28 AND CIRCLING TO RWYS 10/15 NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1505202138-1512162138EST.

FDC 5/4525 TMA IAP HENRY TIFT MYERS, TIFTON, GA. RNAV (GPS) RWY 33, ORIG-B...VOR RWY 33, AMDT 11C...NOTE: NIGHT LANDING: RWY 28 NA. DISREGARD NOTE: CIRCLING TO RWYS 10/15/28 NA AT NIGHT. 1505202138-1512162138EST.

FDC 5/4524 TMA IAP HENRY TIFT MYERS, TIFTON, GA. ILS OR LOC RWY 33, AMDT 1...NOTE: NIGHT LANDING RWY 28 NA. DISREGARD NOTE: CIRCLING NA AT NIGHT TO RWYS 10/15/28. 1505202138-1512162138EST.

FDC 5/4523 TMA IAP HENRY TIFT MYERS, TIFTON, GA. RNAV (GPS) RWY 28, ORIG-A...NOTE: NIGHT LANDING RWY 28 NA. DISREGARD NOTE: RWY 28 STRAIGHT-IN AND CIRCLING TO RWY 10/15 NA AT NIGHT. 1505202138-1512162138EST.

FDC 5/1095 TMA ODP HENRY TIFT MYERS, TIFTON, GA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 5...NOTE: RWY 15 NUMEROUS TREES AND POLE BEGINNING 50 FT FROM DER, 316 FT RIGHT OF CENTERLINE, UP TO 84 FT AGL/403 FT MSL. TREE 1072 FT FROM DER, 765 FT LEFT OF CENTERLINE, 55 FT AGL/374 FT MSL. TAKEOFF MINIMUMS: RWYS 3, 21, NA - RWY CLOSED. RWY 33, MINIMUM CLIMB OF 300 FT PER NM TO 900. ALL OTHER DATA REMAINS AS PUBLISHED. 1510051856-1605161856EST.

TOCCOA

Toccoa Rg Letourneau Field

FDC 5/8798 TOC ODP TOCCOA RG LETOURNEAU FIELD, TOCCOA, GA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3...CHANGE ALL REFERENCE TO RWY 2/20 TO 3/21.. ALL OTHER DATA REMAINS AS PUBLISHED. 1508061658-1602021658EST.

FDC 5/3462 TOC IAP TOCCOA RG LETOURNEAU FIELD, TOCCOA, GA. RNAV (GPS) RWY 2, ORIG...RNAV (GPS) RWY 20, AMDT 1B...VOR RWY 20, AMDT 13...VOR/DME RWY 2, AMDT 2...CHANGE ALL REFERENCE TO RWY 2/20 TO RWY 3/21. 1509181714-1604291713EST.

VIDALIA

Vidalia Rgnl

FDC 5/6816 VDI IAP VIDALIA RGNL, VIDALIA, GA. RNAV (GPS) RWY 25, AMDT 2...LNAV/VNAV VIS 5/8 ALL CATS. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BAXLEY ALTIMETER SETTING AND INCREASE ALL DA 77 FEET AND ALL MDA 80 FEET; INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE, LNAV CATS C/D VISIBILITY 1/8 MILE, AND CIRCLING CATS C/D VISIBILITY 1/4 MILE. CHANGE INOPERATIVE MALSR NOTE TO READ: FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 MILE AND LNAV CATS C/D VISIBILITY TO 1 3/8 MILE. THIS IS RNAV (GPS) RWY 25, AMDT 2A. 1509081926-PERM.

FDC 5/0976 VDI ODP VIDALIA RGNL, VIDALIA, GA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TEXTUAL DEPARTURE PROCEDURE CLIMB GRADIENT. TAKE-OFF MINIMUMS RWY 31, 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 339 FEET PER NM TO 600.. ALL OTHER DATA REMAINS AS PUBLISHED. 1510051744-1604021743EST.

WAYCROSS

Waycross-Ware County

FDC 5/4435 AYS ODP WAYCROSS-WARE COUNTY, WAYCROSS, GA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT...CHANGE ALL REFERENCE TO RWY 18/36 TO 1/19. 1510091806-1605201806EST.

FDC 5/4430 AYS IAP WAYCROSS-WARE COUNTY, WAYCROSS, GA. ILS OR LOC RWY 18, AMDT 2...RNAV (GPS) RWY 18, AMDT 1...RNAV (GPS) RWY 36, AMDT 1...CHANGE ALL REFERENCE TO RWY 18/36 TO 1/19. 1510091804-1605201804EST.

WINDER

Barrow County

FDC 5/2303 WDR ODP BARROW COUNTY, WINDER, GA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TAKEOFF MINIMUMS: RWY 23, NA. DEPARTURE PROCEDURE: RWY 23, NA.. 1509171358-1603151358EST.

HAWAII

HONOLULU

Honolulu Intl

FDC 4/3255 HNL STAR HONOLULU INTL, HONOLULU, HI. REEF FOUR ARRIVAL (RNAV): NA 1407212200-PERM.

FDC 4/3252 HNL STAR HONOLULU INTL, HONOLULU, HI. FRTZI TWO ARRIVAL (RNAV): NA 1407212200-PERM.

FDC 4/3251 HNL STAR HONOLULU INTL, HONOLULU, HI. HAABR ONE ARRIVAL (RNAV): NA 1407212200-PERM.

KAHULUI

Kahului

FDC 5/8586 OGG IAP KAHULUI, KAHULUI, HI. ILS OR LOC RWY 2, AMDT 24...S-LOC 2 MDA 1900/ HAT 1846 ALL CATS. VISIBILITY CATS C/D/E 3 MILES. CIRCLING MDA 1900/ HAA 1846 ALL CATS. NOWAK FIX MINIMUMS NA. DISREGARD NOWAK FIX/I-OGG 5.5 DME/RADAR IN PLANVIEW AND PROFILE VIEW. CHANGE NOTE TO READ: INOPERATIVE TABLE DOES NOT APPLY TO ILS AND LOC ALL CATS. VDP AT I-OGG 6.92 DME; DISTANCE VDP TO THLD 5.59 MILES. DISREGARD NOTE: FOR INOPERATIVE MALSR, INCREASE NOWAK FIX MINIMUMS LOC CAT A AND B VISIBILITY 1/4 MILE, INCREASE CAT E 1/2 MILE. 1511051636-1605031636EST.

FDC 5/3747 OGG IAP KAHULUI, KAHULUI, HI. RNAV (GPS) RWY 20, ORIG...MSA HUKLA 25NM 11300. 1508171637-1602131637EST.

FDC 5/3744 OGG IAP KAHULUI, KAHULUI, HI. VOR/DME OR TACAN RWY 20, ORIG-A...MSA FROM OGG VORTAC 069-170 11300. 1508171637-1602131637EST.

FDC 5/3741 OGG IAP KAHULUI, KAHULUI, HI. VOR RWY 20, ORIG-B...MSA FROM OGG VORTAC 069-170 11300. 1508171637-1602131637EST.

FDC 5/0302 OGG IAP KAHULUI, KAHULUI, HI. VOR RWY 20, ORIG-B...MISSED APPROACH: CLIMB TO 6000 VIA OGG R-187 TO INTERCEPT LNY R-090, THEN CLIMBING RIGHT TURN DIRECT DIPPS AND HOLD W, RT, 090.00 INBOUND, CONTINUE CLIMB-IN-HOLD TO 6000.. 1506011610-1511281610EST.

FDC 5/0300 OGG IAP KAHULUI, KAHULUI, HI. RNAV (GPS) RWY 20, ORIG...PROCEDURE NA. 1506011610-1511281610EST.

KAILUA/KONA

Kona Intl At Keahole

FDC 4/2400 KOA STAR KONA INTL, KAILUA-KONA, HI. KAIKO ONE ARRIVAL (RNAV)...NA 1412271700-1412311000EST.

KALAUPAPA

Kalaupapa

FDC 5/4472 LUP IAP KALAUPAPA, KALAUPAPA, HI. RNAV (GPS)-A, ORIG...MISSED APPROACH: CLIMBING RIGHT TURN TO 5000 DIRECT WEPGU AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000. 1510282058-1604252058EST.

KAMUELA

Waimea-Kohala

FDC 5/8404 MUE IAP WAIMEA-KOHALA, KAMUELA, HI. VOR/DME-A, ORIG...NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.. 1509301543-1603281543EST.

FDC 5/8389 MUE IAP WAIMEA-KOHALA, KAMUELA, HI. RNAV (GPS) RWY 22, ORIG-A...PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT VELLA ON V3 NORTHEAST BOUND, V22 SOUTHEAST BOUND.. DISREGARD NOTE: STRAIGHT-IN MINIMUMS NA AT NIGHT.. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.. NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.. DISREGARD NOTE: GPS OR RNP-0.3 REQUIRED.. 1509301457-1603281457EST.

IDAHO

BLACKFOOT

McCarley Fld

FDC 5/7028 U02 IAP MCCARLEY FLD, BLACKFOOT, ID. VOR/DME-C, ORIG...CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS VOR/DME-C, ORIG-A. 1511031303-PERM.

FDC 5/7027 U02 IAP MCCARLEY FLD, BLACKFOOT, ID. RNAV (GPS)-B, ORIG...CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS RNAV (GPS)-B, ORIG-A. 1511031303-PERM.

FDC 5/7026 U02 IAP MCCARLEY FLD, BLACKFOOT, ID. RNAV (GPS)-A, ORIG...VDA 3.05/TCH 37 NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. THIS IS RNAV (GPS)-A, ORIG-A. 1511031303-PERM.

BOISE

Boise Air Terminal/Gowen Fld

FDC 5/4628 BOI ODP BOISE AIR TERMINAL/GOWEN FLD, BOISE, ID. GOWEN ONE DEPARTURE...TAKEOFF OBSTACLE NOTES: RWY 10R: VEHICLES ON TAXIWAY BEGINNING AT DER, 455 FT RIGHT OF CENTERLINE, 10 FT AGL/2864 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1510100501-1604070501EST.

FDC 5/4627 BOI SID BOISE AIR TERMINAL/GOWEN FLD, BOISE, ID. BOISE TWO DEPARTURE...TAKEOFF OBSTACLE NOTES: RWY 10R: VEHICLES ON TAXIWAY BEGINNING AT DER, 455 FT RIGHT OF CENTERLINE, 10 FT AGL/2864 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1510100501-1604070501EST.

COEUR D'ALENE

Coeur D'Alene - Pappy Boyington Field

FDC 5/4944 COE ODP COEUR D'ALENE - PAPPY BOYINGTON FIELD, COEUR D'ALENE, ID. COEUR D'ALENE TWO DEPARTURE...DEPARTURE PROCEDURE DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, GEG VORTAC OUT OF SERVICE. 1511181517-1512181517EST.

HAILEY

Friedman Memorial

FDC 5/7809 SUN SPECIAL FRIEDMAN MEMORIAL, HAILEY, ID. RNAV Z RWY 31, AMDT 1...PROCEDURE NA. 1508241746-1602201746EST.

LEWISTON

Lewiston-Nez Perce County

FDC 5/5094 LWS IAP LEWISTON-NEZ PERCE COUNTY, LEWISTON, ID. RNAV (RNP) RWY 30, ORIG-B...RNP 0.30 DA 1778/336 HAT, VIS 1 1/8 ALL CATS.. 1508191448-1602151448EST.

FDC 5/4120 LWS ODP LEWISTON-NEZ PERCE COUNTY, LEWISTON, ID. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3A...TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3A...TAKEOFF MINIMUMS: RWY 12, STANDARD WITH A MINIMUM CLIMB OF 250 FT PER NM TO 2400. RWY 26, STANDARD WITH A MINIMUM CLIMB OF 230 FT PER NM TO 2800. DEPARTURE PROCEDURE: RWYS 8,12, 26, 30, TURN LEFT DIRECT MQG VOR/DME. CONTINUE CLIMB IN HOLDING PATTERN (W, LEFT TURNS, 066 INBOUND) TO CROSS MQG VOR/DME AT OR ABOVE 4400. ALL OTHER DATA REMAINS AS PUBLISHED. 1510281431-1604251431EST.

FDC 5/3680 LWS ODP LEWISTON-NEZ PERCE COUNTY, LEWISTON, ID. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3A...TAKEOFF MINIMUMS: RWY 12, STANDARD WITH A MINIMUM CLIMB OF 250 FT PER NM TO 2400. RWY 26, STANDARD WITH A MINIMUM CLIMB OF 230 FT PER NM TO 2800. DEPARTURE PROCEDURE: RWYS 8,12, 26, 30, TURN LEFT DIRECT MQG VOR/DME. CONTINUE CLIMB IN HOLDING PATTERN (W, LEFT TURNS, 066 INBOUND) TO CROSS MQG VOR/DME AT OR ABOVE 4400. ALL OTHER DATA REMAINS AS PUBLISHED. 1510271942-1604241942EST.

SALMON

Lemhi County

FDC 5/9679 SMN ODP LEMHI COUNTY, SALMON, ID. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...DEPARTURE PROCEDURE NA. 1511061854-1605041854EST.

FDC 5/7229 SMN IAP LEMHI COUNTY, SALMON, ID. RNAV (GPS)-D, ORIG-A...CIRCLING* LINE OF MINIMA NA. DISREGARD *MISSED APPROACH REQUIRES MINIMUM CLIMB OF 295 FEET PER NM TO 12000. 1506111256-1512081256EST.

ILLINOIS

ALTON/ST LOUIS

St Louis Rgnl

FDC 5/6946 ALN IAP ST LOUIS RGNL, ALTON/ST LOUIS, IL. RNAV (GPS) RWY 17, AMDT 1A...LNAV MDA 940/HAT 397 ALL CATS. CIRCLING CAT A MDA 1000/HAA 455. 1511022140-1604302140EST.

FDC 5/3732 ALN IAP ST LOUIS RGNL, ALTON/ST LOUIS, IL. ILS OR LOC RWY 29, AMDT 12A...RNAV (GPS) RWY 11, AMDT 2A...RNAV (GPS) RWY 29, AMDT 1A...CIRCLING CAT A MDA 1000/HAA 455. 1510272031-1604242031EST.

FDC 5/2492 ALN IAP ST LOUIS RGNL, ALTON/ST LOUIS, IL. RNAV (GPS) RWY 35, AMDT 1A...DESCENT ANGLE 3.00 / TCH 43 NA. 1509010249-1603280349EST.

BELLEVILLE

Scott AFB/Midamerica

FDC 5/8804 BLV IAP SCOTT AFB/MIDAMERICA, BELLEVILLE, IL. ILS OR LOC/DME RWY 32L, AMDT 1B...NOTE: RADAR REQUIRED FOR TERMINAL ROUTE TROY VORTAC TO BLVIL. NOTE: RADAR REQUIRED. 1511051926-1605031926EST.

BENTON

Benton Muni

FDC 5/2499 H96 IAP BENTON MUNI, BENTON, IL. RNAV (GPS) RWY 18, ORIG-A...LNAV MDA 940/HAT 496 ALL CATS, VISIBILITY CAT C 1 1/4. 1509010252-1603280352EST.

BLOOMINGTON/NORMAL

Central Il Rgnl Arpt At Bloomington-Normal

FDC 5/4373 BMI IAP CENTRAL IL RGNL ARPT AT BLOOMINGTON-NORMAL, BLOOMINGTON/NORMAL, IL. ILS OR LOC/DME RWY 2, ORIG-A...NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 1050. 1505201936-1512161935EST.

FDC 5/3696 BMI IAP CENTRAL IL RGNL ARPT AT BLOOMINGTON-NORMAL, BLOOMINGTON/NORMAL, IL. ILS OR LOC/DME RWY 2, ORIG-B...S-ILS 2 VISIBILITY RVR 4000 ALL CATS. S-LOC 2 VISIBILITY RVR 4000 ALL CATS. ADD NOTES: FOR INOPERATIVE MALSR, INCREASE S-LOC VISIBILITY CATS A/B TO RVR 5500. INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 2 WHEN USING LOCAL ALTIMETER SETTING.. 1510271947-1604241946EST.

CAHOKIA/ST LOUIS

St Louis Downtown

FDC 5/7829 CPS IAP ST LOUIS DOWNTOWN, CAHOKIA/ST LOUIS, IL. ILS OR LOC RWY 30L, AMDT 9A...RNAV (GPS) RWY 30L, ORIG-B...DISREGARD NOTE: CIRCLING TO RWYS 5, 23 AND 30R NA AT NIGHT. NOTE: NIGHT LANDING: RWY 05 NA. 1505071311-1512031310EST.

FDC 5/5126 CPS IAP ST LOUIS DOWNTOWN, CAHOKIA/ST LOUIS, IL. RNAV (GPS) RWY 12R, ORIG-A...DISREGARD NOTE: CIRCLING TO RWYS 5, 23 AND 30R NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. VDP NA. NOTE: NIGHT LANDING: RWY 05 NA. 1506091110-1512061109EST.

FDC 5/2497 CPS IAP ST LOUIS DOWNTOWN, CAHOKIA/ST LOUIS, IL. RNAV (GPS) RWY 30R, ORIG-A...NOTE: NIGHT LANDING: RWY 05 NA. DISREGARD NOTE: PROCEDURE NA AT NIGHT. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. 1509010250-1603280350EST.

CARBONDALE/MURPHYSBORO

Southern Illinois

FDC 5/0213 MDH IAP SOUTHERN ILLINOIS, CARBONDALE/MURPHYSBORO, IL. RNAV (GPS) RWY 36R, ORIG...TDZE 406. LNAV MDA 860/HAT 454. VISIBILITY CAT D 1 1/2. VDP 0.92 NM TO RW36R. NOTE: NIGHT LANDING: RWY 6 NA. 1509141551-1604121551EST.

FDC 5/0212 MDH IAP SOUTHERN ILLINOIS, CARBONDALE/MURPHYSBORO, IL. NDB RWY 18L, AMDT 13...S-18L MDA 860/HAT 453 ALL CATS. VIS CAT D 1 1/4. CHANGE ALTIMETER NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WILLIAMSON CO RGNL ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET. NOTE: NIGHT LANDING: RWY 6 NA. 1509141551-1604121551EST.

FDC 5/0211 MDH IAP SOUTHERN ILLINOIS, CARBONDALE/MURPHYSBORO, IL. RNAV (GPS) RWY 18L, ORIG...LNAV/VNAV DA 801/HAT 394 ALL CATS. LNAV MDA 800/HAT 393 ALL CATS. NOTE: NIGHT LANDING: RWY 6 NA. 1509141551-1604121551EST.

FDC 5/0210 MDH IAP SOUTHERN ILLINOIS, CARBONDALE/MURPHYSBORO, IL. ILS OR LOC RWY 18L, AMDT 13...S-LOC 18L MDA 800/HAT 393 ALL CATS. VIS CAT C 3/4, CAT D 1. DISREGARD NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 18L CAT D VISIBILITY TO 1 MILE. NOTE: NIGHT LANDING: RWY 6 NA. 1509141551-1604121551EST.

CHAMPAIGN/URBANA

University Of Illinois-Willard

FDC 5/4168 CMI IAP UNIVERSITY OF ILLINOIS-WILLARD, CHAMPAIGN/URBANA, IL. VOR RWY 4, AMDT 12...S-4 BARRW FIX MINIMUMS NA. 1507131426-1602091425EST.

CHICAGO

Chicago Midway Intl

FDC 5/5853 MDW IAP CHICAGO MIDWAY INTL, CHICAGO, IL. ILS OR LOC/DME RWY 13C, ORIG-D...S-ILS 13C VISIBILITY CAT A/B RVR 4000. 1509051342-1604041342EST.

Chicago O'Hare Intl

FDC 5/9825 ORD IAP CHICAGO O HARE INTL, CHICAGO, IL. RNAV (GPS) RWY 22L, AMDT 1A...LNAV/VNAV DA 1077/HAT 423 ALL CATS. BUILDING, 782 MSL, 1.14 NM NE OF APPROACH END RWY 22L. 1508080059-1603040058EST.

FDC 5/9703 ORD IAP CHICAGO O HARE INTL, CHICAGO, IL. RNAV (GPS) RWY 32R, AMDT 1B...LNAV/VNAV DA 1089/ HAT 436 ALL CATS. 1511061932-1605041932EST.

FDC 5/7033 ORD IAP CHICAGO O HARE INTL, CHICAGO, IL. ILS OR LOC RWY 28L(CAT II & III), ORIG...S-ILS 28L (CAT II) NA S-ILS 28L (CAT III) NA.. 1510151032-1604121032EST.

Lansing Muni

FDC 5/9396 IGQ ODP LANSING MUNI, CHICAGO, IL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 5...NOTE: RWY 9, TEMPORARY CRANE, 3343 FEET FROM DEPARTURE END OF RWY, 548 FEET RIGHT OF CENTERLINE, 136 FEET AGL/ 750 FEET MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1505291255-1511251255EST.

FDC 5/6420 IGQ IAP LANSING MUNI, CHICAGO, IL. VOR-A, AMDT 6...NOTE: NIGHT LANDING: RWY 9 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1505261800-1512221800EST.

FDC 5/6419 IGQ IAP LANSING MUNI, CHICAGO, IL. LOC RWY 36, ORIG...RNAV (GPS) RWY 27, ORIG...RNAV (GPS) RWY 36, ORIG...RNAV (GPS) RWY 9, ORIG-A...NOTE: NIGHT LANDING: RWY 9 NA. 1505261800-1512221800EST.

CHICAGO/LAKE IN THE HILLS

Lake In The Hills

FDC 5/5618 3CK IAP LAKE IN THE HILLS, CHICAGO/LAKE IN THE HILLS, IL. RNAV (GPS) RWY 26, ORIG...NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1509042024-1603022024EST.

FDC 5/5616 3CK IAP LAKE IN THE HILLS, CHICAGO/LAKE IN THE HILLS, IL. RNAV (GPS) RWY 8, ORIG...LNAV MDA 1340/HAT 453 ALL CATS. VIS CAT C 1 1/4. CHICAGO DU PAGE ALTIMETER SETTING MINIMUMS: LNAV MDA 1400/HAT 513 ALL CATS. VIS CAT C 1 1/2. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. 1509042022-1603022022EST.

CHICAGO/ROCKFORD

Chicago/Rockford Intl

FDC 5/5927 RFD IAP CHICAGO/ROCKFORD INTL, CHICAGO/ROCKFORD, IL. RNAV (GPS) RWY 25, AMDT 1A...LNAV/VNAV DA 1191/HAT 455. CIRCLING CAT A MDA 1240/HAA 498. TEMPORARY CRANES, 925 MSL 5232 FT SW OF RWY 01. 1509051704-1603051704EST.

FDC 5/5926 RFD IAP CHICAGO/ROCKFORD INTL, CHICAGO/ROCKFORD, IL. RNAV (GPS) RWY 19, AMDT 2A...LNAV MDA 1220/HAT 484 ALL CATS. CIRCLING CAT A MDA 1240/HAA 498. TEMPORARY CRANES, 925 MSL 1.1 NM S OF RWY 19. VDP NA. 1509051704-1603051704EST.

FDC 5/5925 RFD IAP CHICAGO/ROCKFORD INTL, CHICAGO/ROCKFORD, IL. RNAV (GPS) RWY 7, AMDT 1B...LNAV/VNAV DA 1172/HAT 430. TEMPORARY CRANES, 925 MSL 2292 FT NW OF RWY 01. 1509051704-1603051704EST.

FDC 5/5924 RFD IAP CHICAGO/ROCKFORD INTL, CHICAGO/ROCKFORD, IL. RNAV (GPS) RWY 1, AMDT 1...LPV DA 962/HATH 253. CIRCLING CAT A MDA 1240/HAA 498. TEMPORARY CRANES, 925 MSL 2292 FT NW OF RWY 01. 1509051704-1603051704EST.

FDC 5/5923 RFD IAP CHICAGO/ROCKFORD INTL, CHICAGO/ROCKFORD, IL. ILS OR LOC RWY 7, AMDT 1C...NDB RWY 1, AMDT 25D...RADAR-1, AMDT 10A...CIRCLING CAT A MDA 1240/HAA 498. TEMPORARY CRANES, 925 MSL 2292 FT NW OF RWY 01. 1509051704-1603051704EST.

FDC 5/5922 RFD IAP CHICAGO/ROCKFORD INTL, CHICAGO/ROCKFORD, IL. ILS OR LOC RWY 1, AMDT 28C...S-ILS 1 DA 963/HAT 234. CIRCLING CAT A MDA 1240/HAA 498. TEMPORARY CRANES, 925 MSL 2292 FT NW OF RWY 01. APT ELEV 742. 1509051704-1603051704EST.

FDC 5/0437 RFD IAP CHICAGO/ROCKFORD INTL, CHICAGO/ROCKFORD, IL. NDB RWY 1, AMDT 25D...PT MINIMUM ALTITUDE 2500 FT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. 1508271449-1602231449EST.

CHICAGO/ROMEOVILLE

Lewis University

FDC 5/6841 LOT IAP LEWIS UNIVERSITY, CHICAGO/ROMEOVILLE, IL. LOC/DME RWY 9, AMDT 1...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. I-LOT DME OUT OF SERVICE. 1510142004-1604112004EST.

CHICAGO/WEST CHICAGO

Dupage

FDC 5/2188 DPA IAP DUPAGE, CHICAGO/WEST CHICAGO, IL. VOR RWY 10, AMDT 12C...DISREGARD NOTES: CIRCLING TO RWY 20L/33 NA AT NIGHT. WHEN VGSI INOP, CIRCLING TO RUNWAYS 15 AND 28 NA AT NIGHT. CHART NOTE: NIGHT LANDING: RWY 15, 28, 33 NA. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. 1510071327-1604071327EST.

FDC 5/2175 DPA IAP DUPAGE, CHICAGO/WEST CHICAGO, IL. RNAV (GPS) RWY 2L, ORIG-C...CHART NOTE: NIGHT LANDING: RWY 15, 28, 33 NA. DELETE NOTE: WHEN RWY 02L VGSI INOP, CIRCLING RWY 15/28 NA AT NIGHT. DELETE NOTE: CIRCLING TO RWY 20L/33 NA AT NIGHT. THIS IS RNAV (GPS) RWY 2L ORIG-D. 1510071317-PERM.

FDC 5/2157 DPA IAP DUPAGE, CHICAGO/WEST CHICAGO, IL. RNAV (GPS) RWY 2R, ORIG-B...CHART NOTE: NIGHT LANDING: RWY 15, 28, 33 NA. DELETE NOTE: CIRCLING TO RWY 20L/33 NA AT NIGHT. DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. DELETE NOTE: WHEN VGSI INOP, CIRCLING RWY 15 AND 28 NA AT NIGHT. DELETE NOTE: STRAIGHT-IN/CIRCLING RWY 2R PROCEDURE NA AT NIGHT. THIS IS RNAV (GPS) RWY 2R ORIG-C. 1510071312-PERM.

FDC 5/2154 DPA IAP DUPAGE, CHICAGO/WEST CHICAGO, IL. ILS OR LOC RWY 2L, AMDT 2C...S-LOC 2L MDA 1500/HAT 746 ALL CATS. VIS CAT B 3/4, CATS C/D 1 3/4. CIRCLING MDA 1500/HAA 741 ALL CATS. VIS CAT B 1 1/4, CAT C 2 1/4, CAT D 2 1/2. CHART FAS OBST: 1187 TOWER 414827N/0881607W. CHART NOTE: NIGHT LANDING: RWY 15, 28, 33 NA. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AURORA ALTIMETER SETTING AND INCREASE ALL DA 37 FEET AND ALL MDA 40 FEET. INCREASE CIRCLING CAT C VISIBILITY 1/4 MILE. DELETE NOTE: WHEN VGSI INOP, CIRCLING TO RUNWAYS 15 AND 28 NA AT NIGHT. DELETE NOTE: CIRCLING TO RWY 20L/33 NA AT NIGHT. THIS IS ILS OR LOC RWY 2L, AMDT 2D. 1510071303-PERM.

FDC 5/2153 DPA IAP DUPAGE, CHICAGO/WEST CHICAGO, IL. VOR RWY 2L, AMDT 1B...CHART NOTE: NIGHT LANDING: RWY 15, 28, 33 NA. DELETE NOTE: WHEN VGSI INOP, CIRCLING RWY 15 AND 28 NA AT NIGHT. DELETE NOTE: CIRCLING TO RWY 20L/33 NA AT NIGHT. THIS IS VOR RWY 2L, AMDT 1C. 1510071300-PERM.

FDC 5/1668 DPA IAP DUPAGE, CHICAGO/WEST CHICAGO, IL. VOR RWY 2L, AMDT 1B...PROCEDURE NA. 1510230019-1604200019EST.

FDC 5/1627 DPA IAP DUPAGE, CHICAGO/WEST CHICAGO, IL. RNAV (GPS) RWY 10, ORIG-C...DELETE NOTES: CIRCLING TO RWY 20L/33 NA AT NIGHT. WHEN VGSI INOP, CIRCLING TO RWYS 15 AND 28 NA AT NIGHT. CHART NOTE: RWY 15, 28, 33 NA. THIS IS RNAV (GPS) RWY 10 ORIG-D. 1510061629-PERM.

FDC 5/1625 DPA IAP DUPAGE, CHICAGO/WEST CHICAGO, IL. RNAV (GPS) RWY 20R, AMDT 1C...DELETE NOTES: WHEN VGSI INOP, CIRCLING RWYS 15 AND 28 NA AT NIGHT. CIRCLING TO RWY 20L/33 NA AT NIGHT. CHART NOTE: NIGHT LANDING: RWY 15, 28, 33 NA. THIS IS RNAV (GPS) RWY 20R, AMDT 1D. 1510061629-PERM.

FDC 5/1624 DPA IAP DUPAGE, CHICAGO/WEST CHICAGO, IL. RNAV (GPS) RWY 20L, ORIG-B...LNAV MDA 1200/HAT 441 ALL CATS. LNAV CAT C/D VISIBILITY 1 3/8. CHART FAS OBST: 934 TOWER 415604N/0881321W. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AURORA ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET. CHART NOTE: NIGHT LANDING: RWY 15, 28, 33 NA. DELETE NOTES: PROCEDURE NA AT NIGHT. HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. THIS IS RNAV (GPS) RWY 20L ORIG-C. 1510061626-PERM.

FDC 5/1623 DPA IAP DUPAGE, CHICAGO/WEST CHICAGO, IL. ILS OR LOC RWY 10, AMDT 8B...CHART NOTE: NIGHT LANDING: RWY 15, 28, 33 NA. DELETE NOTES: CIRCLING TO RWY 20L/33 NA AT NIGHT. WHEN VGSI INOP, CIRCLING RWY 15 AND 28 NA AT NIGHT. HOVUB INT MINIMUMS (DUAL VOR RECEIVERS REQUIRED) S-LOC 10 MDA 1220/HAT 464 ALL CATS. VIS CAT C/D 1 3/8. CHART FAS OBST: 903 TOWER 415455N/0881739W. THIS IS ILS OR LOC RWY 10, AMDT 8C. 1510061624-PERM.

DOWNERS GROVE

Brookeridge Air Park

FDC 5/1314 LL22 SPECIAL BROOKERIDGE AIR PARK, DOWNERS GROVE, IL. VOR/DME OR GPS A, AMDT 1...NOTE: NIGHT LANDING: RWY 9 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. TAKEOFF MINIMUMS NOT STANDARD. TAKEOFF MINIMUMS: RWY 9, STANDARD WITH MINIMUM CLIMB OF 378 FT PER NM TO 1200. NOTE: RWY 27, TREE 622 FT FROM DER, 68 FT LEFT OF CENTERLINE, 62 FT AGL/812 FT MSL. 1508281750-1602241750EST.

FAIRFIELD

Fairfield Muni

FDC 5/6866 FWC IAP FAIRFIELD MUNI, FAIRFIELD, IL. NDB RWY 9, AMDT 3A...NOTE: NIGHT LANDING: RWY 9, 27, 36 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1SM NOT AUTHORIZED. 1511021853-1604301853EST.

FDC 5/6865 FWC IAP FAIRFIELD MUNI, FAIRFIELD, IL. RNAV (GPS) RWY 9, ORIG...NOTE: NIGHT LANDING: RWY 9, 27, 36 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1SM NOT AUTHORIZED. DISREGARD SYMBOL REPRESENTING VISUAL 34:1 SLOPE IS CLEAR. 1511021853-1604301853EST.

FLORA

Flora Muni

FDC 5/8180 FOA IAP FLORA MUNI, FLORA, IL. RNAV (GPS) RWY 21, AMDT 2A...NOTE: NIGHT LANDING: RWY 21 NA. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 21 PROCEDURE NA AT NIGHT. NOTE: CIRCLING TO RWYS 15 AND 33 NA. DISREGARD NOTE: CIRCLING TO RWY 15/33 NA AT NIGHT. 1511041909-1605021909EST.

FDC 5/8179 FOA IAP FLORA MUNI, FLORA, IL. LOC/DME RWY 21, ORIG-C...NOTE: NIGHT LANDING: RWY 21 NA. 1511041908-1605021908EST.

FDC 5/8178 FOA IAP FLORA MUNI, FLORA, IL. RNAV (GPS) RWY 3, AMDT 2A...NOTE: NIGHT LANDING: RWY 21 NA. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 21 NA AT NIGHT. 1511041908-1605021908EST.

GALESBURG

Galesburg Muni

FDC 5/4615 GBG IAP GALESBURG MUNI, GALESBURG, IL. VOR RWY 3, AMDT 7A...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 1507132144-1601092144EST.

GRAYSLAKE

Campbell

FDC 5/9800 C81 ODP CAMPBELL, GRAYSLAKE, IL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TAKE-OFF MINIMUMS: RWY 24, 300-1 OR STANDARD WITH MINIMUM CLIMB OF 280 FT PER NM TO 1100. NOTE: RWY 24, TOWER 5132 FT FROM DER, 1033 FT LEFT OF CENTERLINE, 154 AGL/959 MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1508080038-1603040038EST.

HAMPSHIRE

Casa De Aero Park

FDC 5/9586 68IS SPECIAL CASA DE AERO PARK, HAMPSHIRE, IL. VOR-A, AMDT 5...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1508071845-1603031844EST.

LITCHFIELD

Litchfield Muni

FDC 5/9264 3LF IAP LITCHFIELD MUNI, LITCHFIELD, IL. RNAV (GPS) RWY 36, ORIG-A...LNAV CAT C VIS 1 5/8. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAYLORVILLE ALTIMETER SETTING: INCREASE ALL DA 73 FT AND ALL VISIBILITIES 1/8 MILE; INCREASE ALL MDA 80 FT AND CAT C VISIBILITY 1/4 MILE. 1511061433-1605041433EST.

FDC 5/9263 3LF IAP LITCHFIELD MUNI, LITCHFIELD, IL. RNAV (GPS) RWY 27, ORIG...LNAV MDA 1120/HAT 430 ALL CATS. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 34:1 IS NOT CLEAR. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAYLORVILLE ALTIMETER SETTING AND INCREASE ALL MDA 80 FT AND LNAV CAT C VISIBILITY 1/8 MILE. ALTERNATE MINIMUMS STANDARD EXCEPT NA WHEN LOCAL WEATHER NOT AVAILABLE. 1511061432-1605041432EST.

FDC 5/9261 3LF IAP LITCHFIELD MUNI, LITCHFIELD, IL. RNAV (GPS) RWY 18, ORIG-A...LNAV MDA 1120/HAT 435 ALL CATS. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 34:1 IS NOT CLEAR. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAYLORVILLE ALTIMETER SETTING: INCREASE ALL DA 73 FT AND ALL VISIBILITIES 1/4 MILE; INCREASE ALL MDA 80 FT AND LNAV CAT C VISIBILITY 1/8 MILE. 1511061431-1605041431EST.

FDC 5/9259 3LF IAP LITCHFIELD MUNI, LITCHFIELD, IL. RNAV (GPS) RWY 9, ORIG...LNAV CAT C VIS 1 3/8. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 34:1 IS NOT CLEAR. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAYLORVILLE ALTIMETER SETTING AND INCREASE ALL MDA 80 FT AND LNAV CAT C VISIBILITY 1/8 MILE. ALTERNATE MINIMUMS STANDARD EXCEPT NA WHEN LOCAL WEATHER NOT AVAILABLE. 1511061430-1605041430EST.

MARION

Williamson County Rgnl

FDC 5/3715 MWA IAP WILLIAMSON COUNTY RGNL, MARION, IL. VOR RWY 20, AMDT 17C...PROCEDURE NA. 1510272000-1604242000EST.

MONEE

Bult Field

FDC 5/9027 C56 IAP BULT FIELD, MONEE, IL. RNAV (GPS) RWY 9, ORIG...CHART NOTE: PROCEDURE NA AT NIGHT. DELETE NOTE: CIRCLING TO RWY 27 NA AT NIGHT. THIS IS RNAV (GPS) RWY 9 ORIG-A. 1510192228-PERM.

FDC 5/9026 C56 IAP BULT FIELD, MONEE, IL. RNAV (GPS) RWY 27, ORIG...CHART NOTE: PROCEDURE NA AT NIGHT. DELETE NOTE: CIRCLING TO RWY 9 NA AT NIGHT. THIS IS RNAV (GPS) RWY 27 ORIG-A. 1510192228-PERM.

MOUNT CARMEL

Mount Carmel Muni

FDC 5/9517 AJG IAP MOUNT CARMEL MUNI, MOUNT CARMEL, IL. RNAV (GPS) RWY 4, ORIG-A...CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LAWRENCEVILLE ALTIMETER SETTING AND INCREASE ALL DA 26 FEET AND ALL MDA 40 FEET, AND INCREASE LNAV/VNAV ALL CATS AND LNAV CAT C VISIBILITY 1/4 MILE. 1508071746-1603031746EST.

MOUNT VERNON

Mount Vernon

FDC 5/2395 MVN IAP MOUNT VERNON, MOUNT VERNON, IL. VOR RWY 5, AMDT 16C...DME MINIMUMS NA. 1509010200-1603280300EST.

FDC 5/0527 MVN IAP MOUNT VERNON, MOUNT VERNON, IL. VOR RWY 23, AMDT 16A...S-23 CAT D MINIMUMS NA. 1509151152-1603131152EST.

NAPERVILLE

Naper Aero Club

FDC 5/3960 LL10 ODP NAPER AERO CLUB, NAPERVILLE, IL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKE-OFF MINIMUMS: RWY 36, 200-1 OR STANDARD WITH MINIMUM CLIMB OF 322 FT PER NM TO 1000. NOTE: RWY 36, TOWER 5047 FT FROM DER, 745 FT LEFT OF CENTERLINE, 125 FT AGL/855 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1507130356-1602090355EST.

OLNEY-NOBLE

Olney-Noble

FDC 5/2945 OLY IAP OLNEY-NOBLE, OLNEY-NOBLE, IL. LOC RWY 11, AMDT 5A...PROCEDURE NA. 1509172234-1604152234EST.

PARIS

Edgar County

FDC 5/9508 PRG IAP EDGAR COUNTY, PARIS, IL. VOR/DME-A, AMDT 8...PROCEDURE NA. 1508071745-1603031745EST.

FDC 5/6102 PRG ODP EDGAR COUNTY, PARIS, IL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKE-OFF MINIMUMS: RWY 18, 36 NA, ENVIRONMENTAL. ALL OTHER DATA REMAINS AS PUBLISHED. 1510302116-1604272116EST.

FDC 5/6100 PRG IAP EDGAR COUNTY, PARIS, IL. RNAV (GPS) RWY 27, ORIG...RNAV (GPS) RWY 9, ORIG...CIRCLING TO RWY 18-36 NA. 1510302111-1604272111EST.

FDC 5/1878 PRG IAP EDGAR COUNTY, PARIS, IL. RNAV (GPS) RWY 27, ORIG...RNAV (GPS) RWY 9, ORIG...VOR/DME-A, AMDT 8...NOTE: NIGHT LANDING: RWY 09, 18 NA. 1508311311-1602271311EST.

PEORIA

General Downing - Peoria Intl

FDC 5/3775 PIA IAP U.S. DOD GENERAL DOWNING - PEORIA INTL, PEORIA, IL. HI ILS OR LOC RWY 31, AMDT 7B...PROCEDURE NA. 1510272104-1604242104EST.

FDC 5/2415 PIA IAP GENERAL DOWNING - PEORIA INTL, PEORIA, IL. VOR/DME OR TACAN RWY 31, AMDT 9...NOTE: NIGHT LANDING: RWY 31 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW RVR 5000 NOT AUTHORIZED. VDP NA. VISUAL 34:1 SLOPE IS NOT CLEAR. 1509010218-1603280318EST.

FDC 5/2414 PIA IAP U.S. DOD GENERAL DOWNING - PEORIA INTL, PEORIA, IL. HI VOR/DME OR TACAN RWY 31, AMDT 1A...NOTE: NIGHT LANDING: RWY 13 NA. VDP NA. VDP NA. VISUAL 34:1 SLOPE IS NOT CLEAR. 1509010218-1603280318EST.

Osf Saint Francis Medical Center

FDC 5/7266 LL37 SPECIAL OSF SAINT FRANCIS MEDICAL CENTER, PEORIA, IL. COPTER RNAV (GPS) 113, ORIG...PROCEED VISUALLY NA. PROCEED VFR FROM ZIKAV OR CONDUCT THE SPECIFIED MISSED APPROACH. 1511031609-1605011609EST.

PINCKNEYVILLE

Pinckneyville-Du Quoin

FDC 5/5899 PJY IAP PINCKNEYVILLE-DU QUOIN, PINCKNEYVILLE, IL. RNAV (GPS) RWY 18, AMDT 1A...LNAV/VNAV DA 789/HAT 389, VISIBILITY ALL CATS 1 1/4 MILE. LNAV MDA 940/HAT 540, VISIBILITY CATS C/D 1 1/2 MILE. CIRCLING MDA 940/HAA 540 CATS A/B/C. USE CARBONDALE-MURPHYSBORO ALTIMETER SETTING; WHEN NOT RECEIVED, USE SPARTA ALTIMETER SETTING AND INCREASE ALL DA 32 FEET AND ALL MDA 40 FEET; INCREASE LNAV/VNAV VISIBILITY TO 1 3/8 ALL CATS, INCREASE LNAV CATS C/D AND CIRCLING CAT C VISIBILITY TO 1 5/8 MILE.. 1509051401-1604041401EST.

ROCHELLE

Rochelle Muni Airport-Koritz Field

FDC 5/6416 RPJ ODP ROCHELLE MUNI AIRPORT-KORITZ FIELD, ROCHELLE, IL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3...TAKE-OFF MINIMUMS: RWY 25, NA. ALL OTHER DATA REMAINS AS PUBLISHED. 1505261757-1512221757EST.

SAVANNA

Tri-Township

FDC 5/9014 SFY IAP TRI-TOWNSHIP, SAVANNA, IL. VOR/DME-A, ORIG...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1511052225-1605032225EST.

SHELBYVILLE

Shelby County

FDC 5/9476 2H0 IAP SHELBY COUNTY, SHELBYVILLE, IL. RNAV (GPS) RWY 36, ORIG-A...NOTE: NIGHT LANDING: RWY 36 NA. 1508071716-1603031716EST.

FDC 5/9475 2H0 IAP SHELBY COUNTY, SHELBYVILLE, IL. NDB-A, AMDT 2A...NOTE: NIGHT LANDING: RWY 36 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1508071716-1603031716EST.

SPRINGFIELD

Abraham Lincoln Capital

FDC 5/4126 SPI IAP ABRAHAM LINCOLN CAPITAL, SPRINGFIELD, IL. ILS OR LOC RWY 31, AMDT 2A...PROFILE NOTE: AUTOPILOT COUPLED APPROACHES NA BELOW 850 MSL.. 1510281440-1604251440EST.

STERLING/ROCKFALLS

Whiteside Co Arpt-Jos H Bittorf Fld

FDC 5/8377 SQI IAP WHITESIDE CO ARPT-JOS H BITTORF FLD, STERLING/ROCKFALLS, IL. ILS RWY 25, AMDT 10...LOC BC RWY 7, AMDT 5A...NDB RWY 7, AMDT 6...RNAV (GPS) RWY 25, ORIG...RNAV (GPS) RWY 7, ORIG...NOTE: CIRCLING TO RWY 36 NA AT NIGHT. 1511051234-1605031234EST.

INDIANA

ANDERSON

Anderson Muni-Darlington Field

FDC 5/3734 AID IAP ANDERSON MUNI-DARLINGTON FIELD, ANDERSON, IN. VOR-A, AMDT 9A...CHANGE NIGHT LANDING NOTE TO READ: NIGHT LANDING: RWY 12, 36 NA. NOTE: : HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1510272034-1604242034EST.

FDC 5/3733 AID IAP ANDERSON MUNI-DARLINGTON FIELD, ANDERSON, IN. ILS OR LOC RWY 30, AMDT 1A...NDB RWY 30, AMDT 6A...RNAV (GPS) RWY 30, ORIG-A...CHANGE NIGHT LANDING NOTE TO READ: NIGHT LANDING RWY 12, 36 NA. 1510272034-1604242034EST.

AUBURN

De Kalb County

FDC 5/1534 GWB IAP DE KALB COUNTY, AUBURN, IN. RNAV (GPS) RWY 9, ORIG-C...LNAV MDA VISIBILITY CAT C 1 1/8. 1511121220-1606231218EST.

BLOOMINGTON

Monroe County

FDC 5/9927 BMG IAP MONROE COUNTY, BLOOMINGTON, IN. RNAV (GPS) RWY 6, ORIG-B...DESCENT ANGLE 3.06/TCH 35 NA. 1508262019-1602222018EST.

COLUMBUS

Columbus Muni

FDC 5/8834 BAK IAP COLUMBUS MUNI, COLUMBUS, IN. RNAV (GPS) RWY 32, ORIG...LNAV MDA 1080/HAT 427 ALL CATS. VIS CAT C 1 1/4. CIRCLING CATS A/B MDA 1140/HAA 484. VDP 1.2 NM TO RWY 32. HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1511052002-1605032002EST.

FDC 5/8833 BAK IAP COLUMBUS MUNI, COLUMBUS, IN. ILS RWY 23, AMDT 7A...RNAV (GPS) RWY 14, AMDT 1...RNAV (GPS) RWY 23, ORIG...RNAV (GPS) RWY 5, ORIG...CIRCLING CAT A/B MDA 1140/HAA 484. TOWER, 824 MSL, 1.52 NM EAST OF AIRPORT. 1511052002-1605032002EST.

ELKHART

Elkhart Muni

FDC 5/8868 EKM IAP ELKHART MUNI, ELKHART, IN. VOR RWY 27, AMDT 15A...NOTE: NIGHT LANDING: RWY 36 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED. NOTE: CIRCLING NA TO RWYS 8 AND 26. 1508260306-1603220305EST.

FDC 5/8867 EKM IAP ELKHART MUNI, ELKHART, IN. RNAV (GPS) RWY 18, ORIG-A...RNAV (GPS) RWY 9, ORIG...VOR RWY 9, AMDT 6...NOTE: NIGHT LANDING: RWY 36 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. NOTE: CIRCLING NA TO RWYS 8 AND 26. 1508260301-1603220301EST.

FDC 5/8866 EKM IAP ELKHART MUNI, ELKHART, IN. ILS OR LOC RWY 27, AMDT 2B...S-ILS 27 DA 1064/HAT 286 ALL CATS, VIS RVR 4000 ALL CATS. S-LOC 27 MDA 1220/HAT 443 ALL CATS, VIS CAT A/B RVR 4000, CAT C/D RVR 5000. CIRCLING CAT A MDA 1240/ HAA 462. NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 27 CAT A/B VISIBILITY TO RVR 5000. FOR INOPERATIVE MALSR WHEN USING SOUTH BEND ALTIMETER SETTING, INCREASE S-ILS 27 VISIBILITY TO RVR 6000 ALL CATS, INCREASE S- LOC 27 CATS A/B VISIBILITY TO RVR 5000. NOTE: NIGHT LANDING: RWY 36 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NA. DISREGARD NOTE: * RVR 1800 AUTHORIZED WITH THE USE OF FD OR AP OR HUD TO DA. NOTE: CIRCLING NA TO RWYS 8 AND 26. 1508260301-1603220301EST.

FDC 5/8865 EKM IAP ELKHART MUNI, ELKHART, IN. RNAV (GPS) RWY 27, ORIG-A...LPV VIS RVR 4000 ALL CATS. LNAV CAT A/B VIS RVR 4000. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SOUTH BEND ALTIMETER SETTING AND INCREASE ALL DA/MDA 40 FEET, INCREASE LNAV/VNAV ALL CATS, AND LNAV CAT D VISIBILITY TO RVR 6000, INCREASE LNAV CAT C VISIBILITY TO RVR 5000. CHANGE INOP NOTE TO READ: FOR INOPERATIVE MALSR, INCREASE LNAV CAT A AND B VISIBILITY TO RVR 6000. FOR INOPERATIVE MALSR WHEN USING SOUTH BEND ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO RVR 6000, AND LNAV CAT A AND B VISIBILITY TO RVR 5000. NOTE: NIGHT LANDING: RWY 36 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED. NOTE: CIRCLING NA TO RWYS 8 AND 26. 1508260301-1603220301EST.

FDC 5/8864 EKM IAP ELKHART MUNI, ELKHART, IN. RNAV (GPS) RWY 36, ORIG-A...VOR/DME RWY 36, AMDT 4A...CIRCLING CAT A MDA 1240/HAA 462. NOTE: NIGHT LANDING: RWY 36 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. NOTE: CIRCLING NA TO RWYS 8 AND 26. 1508260301-1603220301EST.

FDC 5/4698 EKM IAP ELKHART MUNI, ELKHART, IN. ILS OR LOC RWY 27, AMDT 2B...MISSED APPROACH: CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 2500 VIA HEADING 120 AND VIA GIJ VORTAC R-097 TO AYUYI INT/29.71 DME AND HOLD E, RT, 274 INBOUND. GSH VORTAC OUT OF SERVICE. 1511181252-1511251252EST.

FDC 5/4683 EKM IAP ELKHART MUNI, ELKHART, IN. VOR RWY 27, AMDT 15A...VOR RWY 9, AMDT 6...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, GSH VORTAC OUT OF SERVICE. 1511181252-1511251252EST.

EVANSVILLE

Evansville Rgnl

FDC 5/9398 EVV IAP EVANSVILLE RGNL, EVANSVILLE, IN. NDB RWY 22, AMDT 14...RNAV (GPS) RWY 18, AMDT 2...RNAV (GPS) RWY 22, AMDT 1...RNAV (GPS) RWY 36, AMDT 2...RNAV (GPS) RWY 4, AMDT 1...CIRCLING CATS B/C MDA 1040/HAA 618. VIS CAT C 1 3/4. 1508071612-1602031612EST.

FDC 5/9397 EVV IAP EVANSVILLE RGNL, EVANSVILLE, IN. ILS OR LOC RWY 22, AMDT 22...ZAGAK FIX MINIMUMS CIRCLING CAT B/C MDA 1040/HAA 618. VIS CAT C 1 3/4. 1508071612-1602031612EST.

FDC 5/9395 EVV IAP EVANSVILLE RGNL, EVANSVILLE, IN. ILS OR LOC RWY 4, AMDT 3...KECEG FIX MINIMUMS (DUAL VOR RECEIVER OR DME REQUIRED) CIRCLING CAT B/C MDA 1040/HAA 618. VIS CAT C 1 3/4. 1508071612-1602031612EST.

FDC 5/9392 EVV IAP EVANSVILLE RGNL, EVANSVILLE, IN. RADAR 1, AMDT 7...ASR 36 MDA 940/HAT 556 ALL CATS. VIS CAT C/D 1 5/8. CIRCLING CAT A MDA 940/HAA 518, CATS B/C MDA 1040HAA 618. VIS CAT C 1 3/4. 1508071612-1602031612EST.

FDC 5/9391 EVV IAP EVANSVILLE RGNL, EVANSVILLE, IN. VOR RWY 4, AMDT 7...S-4 MDA 1000/HAT 611 ALL CATS. VIS CATS C/D 1 3/4. CIRCLING CAT A MDA 1000/HAA 578, CATC B/C 1040/HAA 618. VIS CAT C 1 3/4. VDP AT PXV VORTAC 11.01 DME; DISTANCE VDP TO THLD 1.74 MILES. 1508071612-1602031612EST.

FDC 5/9389 EVV ODP EVANSVILLE RGNL, EVANSVILLE, IN. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 9...NOTE: RWY 27, TOWERS BEGINNING 1.3 NM FROM DER, 1157 FT LEFT OF CENTERLINE, UP TO 181 FT AGL/688 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1508071612-1602031612EST.

FORT WAYNE

Parkview Memorial Hospital

FDC 5/4429 1117 SPECIAL PARKVIEW MEMORIAL HOSPITAL, FORT WAYNE, IN. COPTER RNAV (GPS) 205, ORIG...PROCEED VFR FROM EDBIY OR CONDUCT THE SPECIFIED MISSED APPROACH. 1510282021-1604252021EST.

Smith Field

FDC 5/4013 SMD IAP SMITH FIELD, FORT WAYNE, IN. RNAV (GPS) RWY 23, ORIG...VDA NA. 1509211545-1604191544EST.

FDC 5/1941 SMD IAP SMITH FIELD, FORT WAYNE, IN. RNAV (GPS) RWY 31, ORIG...VDA NA. 1510231728-1604201727EST.

FDC 5/1880 SMD IAP SMITH FIELD, FORT WAYNE, IN. RNAV (GPS) RWY 13, ORIG...RNAV (GPS) RWY 23, ORIG...RNAV (GPS) RWY 31, ORIG...RNAV (GPS) RWY 5, ORIG...VOR RWY 13, AMDT 10...NOTE: PROCEDURE NA AT NIGHT. 1508311313-1602271313EST.

FRANKFORT

Frankfort Muni

FDC 5/7021 FKR IAP FRANKFORT MUNI, FRANKFORT, IN. RNAV (GPS) RWY 27, AMDT 1A...LNAV MDA 1540/HAT 679 ALL CATS. VIS CAT C/D 1 7/8. CIRCLING MDA 1540/HAA 679 ALL CATS. VIS CAT C 2, CAT D 2 1/4. VDP: 2.04 NM TO RW27. 1507171116-1601131116EST.

FRENCH LICK

French Lick Muni

FDC 5/3861 FRH IAP FRENCH LICK MUNI, FRENCH LICK, IN. RNAV (GPS) RWY 8, AMDT 1A...MISSED APPROACH: CLIMB TO 4000 DIRECT WITAM AND HOLD. TERMINAL ROUTE PXV VORTAC (IAF) TO JIKPI (IF/IAF) MINIMUM ALTITUDE 4000. TERMINAL ROUTE CLOWN (IAF) TO JIKPI (IF/IAF) MINIMUM ALTITUDE 4000. 1509211113-1603191111EST.

FDC 5/0311 FRH IAP FRENCH LICK MUNI, FRENCH LICK, IN. RNAV (GPS) RWY 26, ORIG-A...MISSED APPROACH: CLIMB TO 4000 DIRECT JIKPI AND HOLD. TERMINAL ROUTE STREP (IAF) TO WITAM (IF/IAF) MINIMUM ALTITUDE 4000. TERMINAL ROUTE MAIZE (IAF) TO WITAM (IF/IAF) MINIMUM ALTITUDE 4000. 1509141758-1603121758EST.

GRIFFITH

Griffith-Merrillville

FDC 5/1322 05C IAP GRIFFITH-MERRILLVILLE, GRIFFITH, IN. RNAV (GPS) RWY 26, ORIG...RNAV (GPS) RWY 8, ORIG...VOR RWY 8, AMDT 8...NOTE: PROCEDURE NA AT NIGHT. 1507071733-1602031733EST.

HUNTINGTON

Huntington Muni

FDC 5/8010 HHG ODP HUNTINGTON MUNI, HUNTINGTON, IN. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1.TAKEOFF OBSTACLE NOTES: RWY 9: TREES BEGINNING 2 FT FROM DER, 3 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/854 FT MSL. TREES BEGINNING 291 FT FROM DER, 10 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/882 FT MSL. POLE AND NAVAID 47 FT FROM DER, 198 FT LEFT OF CENTERLINE, UP TO 23 FT AGL/812 FT MSL. TREES BEGINNING 1006 FT FROM DER, 190 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/892 FT MSL. TREES BEGINNING 1142 FT FROM DER, 36 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/872 FT MSL. RWY 27: TREES BEGINNING 113 FT FROM DER, 498 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/875 FT MSL. NAVAID, BLDG, POLES BEGINNING 268 FT FROM DER, 82 FT RIGHT OF CENTERLINE, 41 FT AGL/846 FT MSL. BUSH 444 FT FROM DER, 21 FT LEFT OF CENTERLINE, 16 FT AGL/816 FT MSL. ROAD AND TELEPHONE POLES BEGINNING 561 FT FROM DER, 26 FT LEFT OF CENTERLINE, UP TO 24 FT AGL/824 FT MSL. TREES BEGINNING 671 FT FROM DER, 26 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/831 FT MSL. TREES BEGINNING 794 FT FROM DER, 57 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/839 FT MSL. POLES AND POWER TRANSMISSION LINES BEGINNING 886 FT FROM DER, 115 FT LEFT OF CENTERLINE, UP TO 60 FT AGL/858 FT MSL. POLES AND MISCELLANEOUS 946 FT FROM DER, 342 FT RIGHT OF ALL OTHER DATA REMAINS AS PUBLISHED. FDC 5/8010 HHG ODP HUNTINGTON MUNI, HUNTINGTON, IN. CENTERLINE, UP TO 35 FT AGL/839 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1506301450-1512271450EST

FDC 5/7297 HHG IAP HUNTINGTON MUNI, HUNTINGTON, IN. RNAV (GPS) RWY 27, ORIG...LNAV MDA 1220/HAT 416 ALL CATS. 1511031639-1605011639EST.

INDIANAPOLIS

Eagle Creek Airpark

FDC 5/5869 EYE SID EAGLE CREEK AIRPARK, INDIANAPOLIS, IN. DAWN EIGHT DEPARTURE...BOWLING GREEN TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. BWG VORTAC UNUSABLE. 1506252011-1512222011EST.

Greenwood Muni

FDC 5/6966 HFY IAP GREENWOOD MUNI, INDIANAPOLIS, IN. NDB RWY 1, AMDT 3...RNAV (GPS) RWY 1, AMDT 1...RNAV (GPS) RWY 19, AMDT 1A...VOR-A, AMDT 5...INDIANAPOLIS APP CON FREQUENCY: 124.95, 317.8. 1508211630-1602171627EST.

FDC 5/5887 HFY SID GREENWOOD MUNI, INDIANAPOLIS, IN. DAWN EIGHT DEPARTURE...BOWLING GREEN TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, BWG VORTAC UNUSABLE.. 1506252011-1512222011EST.

FDC 5/4275 HFY SID GREENWOOD MUNI, INDIANAPOLIS, IN. HOOSIER THREE DEPARTURE...MAREO THREE DEPARTURE...MEARZ THREE DEPARTURE...ROCKY EIGHT DEPARTURE...DAWN EIGHT DEPARTURE...TAKEOFF MINIMUMS: RWY 1: STANDARD. RWY 19: 300-1 OR STANDARD WITH MINIMUM CLIMB OF 484 FT PER NM TO 1200. ALL OTHER DATA REMAINS AS PUBLISHED. 1511171852-1605151852EST.

FDC 5/4273 HFY ODP GREENWOOD MUNI, INDIANAPOLIS, IN. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 4...TAKE-OFF MINIMUMS RWY 1 STANDARD.. TAKE-OFF MINIMUMS RWY 19: 300-1 OR STANDARD WITH MINIMUM CLIMB OF 484 FT PER NM TO 1200.. ALL OTHER DATA REMAINS AS PUBLISHED. 1511171852-1605151852EST.

Indianapolis Executive

FDC 5/5868 TYQ SID INDIANAPOLIS EXECUTIVE, INDIANAPOLIS, IN. DAWN EIGHT DEPARTURE...BOWLING GREEN TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. BWG VORTAC UNUSABLE. 1506252011-1512222011EST.

FDC 5/0232 TYQ IAP INDIANAPOLIS EXECUTIVE, INDIANAPOLIS, IN. ILS OR LOC RWY 36, AMDT 5A...RNAV (GPS) RWY 18, AMDT 1A...RNAV (GPS) RWY 36, ORIG-B...VOR/DME RWY 18, AMDT 1A...NOTE: NIGHT LANDING: RWY 18 NA. 1507241738-1601201738EST.

Indianapolis Intl

FDC 5/6170 IND IAP INDIANAPOLIS INTL, INDIANAPOLIS, IN. RNAV (RNP) Z RWY 32, AMDT 1...RNP 0.19 DA 1223/HAT 431 ALL CATS. VIS RVR 5000 ALL CATS. RNP 0.30 DA 1253/HAT 461 ALL CATS. VIS RVR 6000 ALL CATS. TEMPORARY CRANE, 908 MSL, 1.78 NM EAST OF AIRPORT. 1510311628-1604281628EST.

FDC 5/6169 IND IAP INDIANAPOLIS INTL, INDIANAPOLIS, IN. RNAV (GPS) Y RWY 32, AMDT 3...LNAV/VNAV DA 1119/HAT 327 ALL CATS. VIS RVR 3000 ALL CATS. FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 6000. TEMPORARY CRANE, 908 MSL, 1.78 NM EAST OF AIRPORT. 1510311628-1604281628EST.

FDC 5/5863 IND SID INDIANAPOLIS INTL, INDIANAPOLIS, IN. DAWN EIGHT DEPARTURE...BOWLING GREEN TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. BWG VORTAC UNUSABLE. 1506252011-1512222011EST.

FDC 5/5348 IND IAP INDIANAPOLIS INTL, INDIANAPOLIS, IN. ILS OR LOC RWY 23L, AMDT 6...AUTOPILOT COUPLED APPROACH NA. 1505010426-1511270424EST.

FDC 5/0347 IND IAP INDIANAPOLIS INTL, INDIANAPOLIS, IN. RNAV (RNP) Z RWY 14, AMDT 1...RNP 0.22 DA 1142/HAT 346 ALL CATS. VIS RVR 3000 ALL CATS. FOR INOPERATIVE MALSR, INCREASE RNP 0.22 ALL CATS VISIBILITY TO RVR 6000 AND RNP 0.30 ALL CATS VISIBILITY TO 1 1/4 MILE. 1511091722-1605071722EST.

Indianapolis Metropolitan

FDC 5/7951 UMP IAP INDIANAPOLIS METROPOLITAN, INDIANAPOLIS, IN. RNAV (GPS) RWY 33, AMDT 1...CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1509301232-1603281232EST.

FDC 5/6198 UMP IAP INDIANAPOLIS METROPOLITAN, INDIANAPOLIS, IN. RNAV (GPS) RWY 33, AMDT 1...LNAV CATS A/B/C MDA 1280/HAT 469. VIS CAT C 1 3/8. CIRCLING CAT A MDA 1340/HAA 529. TEMPORARY CRANE, 1027 MSL, 1.02 NM SE OF AIRPORT. 1510311912-1601311912EST.

FDC 5/6196 UMP IAP INDIANAPOLIS METROPOLITAN, INDIANAPOLIS, IN. RNAV (GPS) RWY 15, AMDT 1...CIRCLING CAT A MDA 1340/HAA 529. TEMPORARY CRANE, 1027 MSL, 1.02 NM SE OF AIRPORT. 1510311912-1601311912EST.

FDC 5/6195 UMP IAP INDIANAPOLIS METROPOLITAN, INDIANAPOLIS, IN. NDB RWY 15, AMDT 2A...ANMRI INT MINIMUMS CIRCLING CAT A MDA 1340/HAA 529. TEMPORARY CRANE, 1027 MSL, 1.02 NM SE OF AIRPORT. 1510311912-1601311912EST.

FDC 5/5867 UMP SID INDIANAPOLIS METROPOLITAN, INDIANAPOLIS, IN. DAWN EIGHT DEPARTURE...BOWLING GREEN TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. BWG VORTAC UNUSABLE. 1506252011-1512222011EST.

Indianapolis Rgnl

FDC 5/5865 MQJ SID INDIANAPOLIS RGNL, INDIANAPOLIS, IN. DAWN EIGHT DEPARTURE...BOWLING GREEN TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. BWG VORTAC UNUSABLE. 1506252011-1512222011EST.

KOKOMO

Kokomo Muni

FDC 5/8911 OKK IAP KOKOMO MUNI, KOKOMO, IN. RNAV (GPS) RWY 5, ORIG...LNAV MDA 1280/HAT 450 ALL CATS. VISIBILITY CAT C 1 1/4. VISIBILITY CAT D 1 1/2. CIRCLING CAT A MDA 1280/HAA 450.. 1506161242-1601131242EST.

FDC 5/8905 OKK IAP KOKOMO MUNI, KOKOMO, IN. VOR RWY 32, AMDT 20...BONOY FIX MINIMUMS S-32 MDA 1260 / HAT 434 ALL CATS. VIS CAT C 1 1/4, CAT D 1 1/2.. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MUNCIE ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET, INCREASE S-32 CAT C AND D VISIBILITY 1/4 MILE. BONOY FIX MINIMUMS: INCREASE S-32 CAT C AND D VISIBILITY 1/4 MILE.. 1506161240-1601131240EST.

FDC 5/1024 OKK IAP KOKOMO MUNI, KOKOMO, IN. RNAV (GPS) RWY 23, AMDT 1A...LPV DA 1077/HAT 250 ALL CATS. 1508111815-1602071815EST.

FDC 5/1020 OKK IAP KOKOMO MUNI, KOKOMO, IN. ILS OR LOC RWY 23, AMDT 10A...S-ILS 23 DA 1077/HAT 250 ALL CATS. 1508111813-1602071813EST.

LAFAYETTE

Purdue University

FDC 5/0377 LAF ODP PURDUE UNIVERSITY, LAFAYETTE, IN. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TAKE-OFF MINIMUMS RWY 5: 300 - 1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 481 FT PER NM TO 1000. NOTE: RWY 5, TEMPORARY CRANE, 4187 FT FROM DEPARTURE END OF RWY, 1566 FT LEFT OF CENTERLINE, 175 AGL/800 MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1507061128-1601021128EST.

LOWELL

Lowell

FDC 5/4703 C97 IAP LOWELL, LOWELL, IN. VOR OR GPS-A, ORIG-A...PROCEDURE NA AT NIGHT. 1510291304-1604261304EST.

FDC 5/4183 C97 CHART LOWELL, LOWELL, IN. 91ST ED U.S. VFR SECTIONAL AERONAUTICAL CHART...SEE FDC 5/4113 1510281517-PERM.

MADISON

Madison Muni

FDC 5/0257 IMS IAP MADISON MUNI, MADISON, IN. RNAV (GPS) RWY 3, AMDT 1B...MISSED APPROACH: CLIMB TO 4000 DIRECT OYANE AND ON TRACK 106.42 TO GAMKE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000. 1509141631-1603121631EST.

MUNCIE

Delaware County Rgnl

FDC 5/2975 MIE IAP DELAWARE COUNTY RGNL, MUNCIE, IN. ILS OR LOC RWY 32, AMDT 9C...NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 1800. 1509172249-1604152248EST.

FDC 5/1060 MIE IAP DELAWARE COUNTY RGNL, MUNCIE, IN. RNAV (GPS) RWY 32, ORIG-A...NOTE: FOR INOPERATIVE MALSR WHEN USING FORT WAYNE INTL ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO 1 1/2 MILE. 1507272055-1602232055EST.

FDC 5/1057 MIE IAP DELAWARE COUNTY RGNL, MUNCIE, IN. ILS OR LOC RWY 32, AMDT 9C...TERMINAL ROUTE WAMBO INT TO BALL LOM/MIE4.77 DME (NOPT) NA. NOTE: FOR INOPERATIVE MALSR WHEN USING FORT WAYNE ALTIMETER SETTING MINIMUMS, INCREASE S-ILS 32 VISIBILITY TO 1 MILE. 1507272054-1602232054EST.

NAPPANEE

Nappanee Muni

FDC 5/4694 C03 IAP NAPPANEE MUNI, NAPPANEE, IN. VOR OR GPS-B, AMDT 1A...VOR PORTION NA, GSH VORTAC OUT OF SERVICE. 1511181252-1511251252EST.

FDC 5/4688 C03 IAP NAPPANEE MUNI, NAPPANEE, IN. VOR/DME OR GPS-A, AMDT 3B...VOR/DME PORTION NA, GSH VORTAC OUT OF SERVICE. 1511181252-1511251252EST.

NEW CASTLE

New Castle-Henry Co Muni

FDC 5/3719 UWL IAP NEW CASTLE-HENRY CO MUNI, NEW CASTLE, IN. VOR RWY 27, AMDT 10...S-27 MDA 1660/HATH 573 ALL CATS. VIS CAT C/D 1 5/8. CIRCLING CAT A/B MDA 1660/HAA 572. MSA FROM RID VORTAC: 360-180 MINIMUM ALTITUDE 3100, 180-360 MINIMUM ALTITUDE 2800. TOWER, 1393 MSL, 2.71 NM SOUTH OF AIRPORT, WINDMILL, 1724 MSL, 16.60 NM NE OF AIRPORT. 1510272010-1604242010EST.

PERU

Peru Muni

FDC 5/9730 I76 IAP PERU MUNI, PERU, IN. VOR RWY 1, AMDT 8...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1508072351-1603032351EST.

FDC 5/2925 I76 IAP PERU MUNI, PERU, IN. RNAV (GPS) RWY 19, ORIG...DISREGARD NOTE: PROCEDURE NA AT NIGHT. NOTES: RWY 19 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT. HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD SYMBOL REPRESENTING VISUAL 34:1 SLOPE IS CLEAR. 1510271107-1604241107EST.

FDC 5/2924 I76 IAP PERU MUNI, PERU, IN. RNAV (GPS) RWY 1, ORIG...NOTES: CIRCLING TO RWY 19 NA AT NIGHT. HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD SYMBOL REPRESENTING VISUAL 34:1 SLOPE IS CLEAR. 1510271107-1604241107EST.

RENSELAER

Jasper County

FDC 5/7622 RZL IAP JASPER COUNTY, RENSELAER, IN. RNAV (GPS) RWY 36, ORIG-A...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. NOTE: CIRCLING NA TO RWYS 9 AND 27. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 18 NA AT NIGHT. DISREGARD NOTE: STRAIGHT-IN/CIRCLING RWY 36 NA AT NIGHT. DISREGARD NOTE: CIRCLING TO RWY 9 AND 27 NA AT NIGHT. 1511032217-1605012217EST.

FDC 5/7619 RZL IAP JASPER COUNTY, RENSELAER, IN. RNAV (GPS) RWY 18, ORIG-A...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. NOTE CIRCLING NA TO RWYS 9 AND 27. DISREGARD NOTE: CIRCLING TO RWY 36 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOPERATIVE STRAIGHT-IN/CIRCLING RWY 18 PROCEDURE NA AT NIGHT. DISREGARD NOTE: CIRCLING TO RWY 9 AND 27 NA AT NIGHT. 1511032217-1605012217EST.

RICHMOND

Reid Hospital

FDC 5/1362 IN68 SPECIAL REID HOSPITAL, RICHMOND, IN. COPTER RNAV (GPS) 155, ORIG...IFR DEPARTURE NA. 1508281906-1603241906EST.

Richmond Muni

FDC 5/7982 RID IAP RICHMOND MUNI, RICHMOND, IN. VOR RWY 24, AMDT 13...S-24 CAT A/B VIS 1. BOWHU FIX MINIMUMS: S-24 CAT A/B VIS 1. DELETE NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-24/BOWHU FIX MINIMUMS S-24 CAT C. DELETE NOTE: WHEN USING JAMES M COX DAYTON INTL ALTIMETER SETTING INOPERATIVE TABLE DOES NOT APPLY TO S-24/BOWHU FIX MINIMUMS S-24 CAT C. THIS IS VOR RWY 24, AMDT 13A. 1511041628-PERM.

FDC 5/7977 RID IAP RICHMOND MUNI, RICHMOND, IN. VOR RWY 6, AMDT 12...S-6 HAT 524 ALL CATS. BOTKE FIX MINIMUMS: S-6 HAT 364 ALL CATS. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART TDZE 1136. THIS IS VOR RWY 6, AMDT 12A. 1511041626-PERM.

FDC 5/7972 RID IAP RICHMOND MUNI, RICHMOND, IN. RNAV (GPS) RWY 24, ORIG...LNAV MDA 1540/HAT 401 ALL CATS, VIS CAT A/B 1, CAT C/D 1 1/8. CHART FAS OBST: 1273 TREE 394720N/0844726W. DELETE NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LNAV/VNAV ALL CATS. DELETE NOTE: WHEN USING JAMES M COX DAYTON INTL ALTIMETER SETTING INOPERATIVE TABLE DOES NOT APPLY TO LNAV/VNAV ALL CATS AND LNAV CAT C. VDP AT 1.11 MILES TO RW24*. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE JAMES M COX DAYTON INTL ALTIMETER SETTING: INCREASE LPV ALL CATS DA TO 1427 FT, LNAV/VNAV ALL CATS DA TO 1637 FT AND ALL VISIBILITIES 1/4 MILE; INCREASE ALL MDA 100 FT AND LNAV CAT C/D VISIBILITY 1/4 MILE. THIS IS RNAV (GPS) RWY 24, ORIG-A. 1511041625-PERM.

FDC 5/7971 RID IAP RICHMOND MUNI, RICHMOND, IN. RNAV (GPS) RWY 6, ORIG...LNAV HAT 344 ALL CATS. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART TDZE 1136. 34:1 IS NOT CLEAR. THIS IS RNAV (GPS) RWY 6 ORIG-A. 1511041624-PERM.

FDC 5/7969 RID IAP RICHMOND MUNI, RICHMOND, IN. ILS OR LOC RWY 24, AMDT 1...S-LOC 24 MDA 1540/HAT 401 ALL CATS, VIS CAT A/B 1, CAT C/D FROM 1 TO 1 1/8. CHART FAS OBST: 1273 TREE 394720N/0844726W. DELETE NOTE: WHEN USING JAMES M COX DAYTON INTL ALTIMETER SETTING INOPERATIVE TABLE DOES NOT APPLY TO S-LOC 24 CAT C. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE JAMES M COX DAYTON INTL ALTIMETER SETTING: INCREASE DA ALL CATS TO 1427 FT AND ALL VISIBILITIES 1/8 MILE; INCREASE ALL MDA 100 FT AND S-LOC 24 CAT C/D VISIBILITY 1/4 MILE. THIS IS ILS OR LOC RWY 24, AMDT 1A. 1511041622-PERM.

FDC 5/5127 RID ODP RICHMOND MUNI, RICHMOND, IN. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKEOFF OBSTACLE NOTE: RWY 6: LIGHT 10 FT FROM DER, 150 FT LEFT OF CENTERLINE, 3 FT AGL/1140 FT MSL. TERRAIN BEGINNING 27 FT FROM DER, 178 FT RIGHT OF CENTERLINE, 1147 FT MSL. TREE 668 FT FROM DER, 676 FT LEFT OF CENTERLINE, UP TO 20 FT AGL/1160 FT MSL. TREES BEGINNING 1704 FT FROM DER, 797 FT LEFT OF CENTERLINE, UP TO 77 FT AGL/1217 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1510131312-1604101237.

SHELBYVILLE

Shelbyville Muni

FDC 5/5864 GEZ SID SHELBYVILLE MUNI, SHELBYVILLE, IN. DAWN EIGHT DEPARTURE...BOWLING GREEN TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. BWG VORTAC UNUSABLE. 1506252011-1512222011EST.

FDC 5/2393 GEZ IAP SHELBYVILLE MUNI, SHELBYVILLE, IN. VOR RWY 19, AMDT 1...CIRCLING CAT C MDA 1320/HAA 516. 1509010153-1603280153EST.

FDC 5/2392 GEZ IAP SHELBYVILLE MUNI, SHELBYVILLE, IN. RNAV (GPS) RWY 1, AMDT 1...RNAV (GPS) RWY 19, AMDT 1...CIRCLING CAT C MDA 1320/HAA 517. 1509010153-1603280153EST.

SOUTH BEND

South Bend Intl

FDC 5/5897 SBN IAP SOUTH BEND INTL, SOUTH BEND, IN. RNAV (GPS) RWY 27L, ORIG-A...LNAV MDA 1300/HAT 526 ALL CATS. VIS CAT C/D RVR 5500. CIRCLING CATS A/B/C MDA 1300/HAA 502. VDP 1.49 NM TO RW27L. TEMPORARY CRANE, 1039 MSL, 3.73 NM EAST OF AIRPORT. 1509051357-1604041356EST.

WABASH

Wabash Muni

FDC 5/7552 IWH IAP WABASH MUNI, WABASH, IN. VOR OR GPS-A, AMDT 10...NOTE: NIGHT LANDING RWYS 18, 36 NA. 1508241341-1602201341EST.

FDC 5/7551 IWH IAP WABASH MUNI, WABASH, IN. RNAV (GPS) RWY 9, ORIG...LNAV MDA 1220/HAT 424 ALL CATS, VISIBILITY CAT C 1 1/4. CIRCLING CAT A/B MDA 1300/HAA 504, CAT C MDA 1440/HAA 644, VISIBILITY CAT C 1 3/4. NOTE: NIGHT LANDING RWYS 18, 36 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. NOTE: USE KOKOMO ALTIMETER SETTING; WHEN NOT RECEIVED, USE MARION ALTIMETER SETTING. DISREGARD VDP REFERENCE IN PROFILE VIEW. DISREGARD GRAY STIPPLE IN PROFILE VIEW (34:1 IS NOT CLEAR). 1508241341-1602201341EST.

FDC 5/7550 IWH IAP WABASH MUNI, WABASH, IN. RNAV (GPS) RWY 27, ORIG...LNAV MDA 1280/HAT 484 ALL CATS, VISIBILITY CAT C 1 3/8. CIRCLING CAT A/B MDA 1300/HAA 504, CAT C MDA 1440/HAA 644, VISIBILITY CAT C 1 3/4. NOTE: NIGHT LANDING RWYS 18, 36 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. NOTE: USE KOKOMO ALTIMETER SETTING; WHEN NOT RECEIVED, USE MARION ALTIMETER SETTING. DISREGARD GRAY STIPPLE IN PROFILE VIEW (34:1 IS NOT CLEAR). 1508241341-1602201341EST.

WINAMAC

Arens Field

FDC 5/9008 RWN ODP ARENS FIELD, WINAMAC, IN. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...NOTE: RWY 27, FENCE 6 FEET FROM DER, 203 FEET LEFT OF CENTERLINE, 2 FEET AGL/707 FEET MSL. BUSH 99 FEET FROM DER, 190 FEET LEFT OF CENTERLINE, 12 FEET AGL/715 MSL. TREE 1660 FEET FROM DER, 852 FEET RIGHT OF CENTERLINE, 49 FEET AGL/757 FEET MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1511052222-1605032222EST.

IOWA

ALBIA

Albia Muni

FDC 5/9582 4C8 IAP ALBIA MUNI, ALBIA, IA. VOR/DME-A, AMDT 4...CIRCLING MDA 1780/HAA 816 CATS A/B. VISIBILITY CATS A/B 1 1/4. APT ELEV: 964. 1508071843-1603031843EST.

ALGONA

Algona Muni

FDC 5/9322 AXA IAP ALGONA MUNI, ALGONA, IA. RNAV (GPS) RWY 30, AMDT 1B...NOTE: NIGHT LANDING: RWY 12 NA. 1507231110-1602191110EST.

AMES

Ames Muni

FDC 5/0990 AMW IAP AMES MUNI, AMES, IA. RNAV (GPS) RWY 19, AMDT 1...LPV CATS A/B/C DA 1211/HAT 274. LNAV/VNAV CATS A/B/C DA 1365/ HAT 428.. 1509151851-1604131850EST.

ANKENY

Ankeny Rgnl

FDC 5/7462 IKV ODP ANKENY RGNL, ANKENY, IA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TAKE-OFF MINIMUMS RWY 22, 400 - 2 OR PROCEDURE NA. NOTE: RWY 22, TEMPORARY CRANE, 4327 FT FROM DEPARTURE END OF RWY, 632 FT RIGHT OF CENTERLINE, 186 AGL/1116 MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1508241154-1601271154EST.

FDC 5/4300 IKV IAP ANKENY RGNL, ANKENY, IA. RNAV (GPS) RWY 22, ORIG-B...LNAV MDA NA. 1510091427-1604061427EST.

FDC 5/0561 IKV IAP ANKENY RGNL, ANKENY, IA. RNAV (GPS) RWY 18, AMDT 1B...LPV CATS A/B/C DA 1251/HAT 347. VIS CATS A/B/C 1 1/8. TEMPORARY CRANE, 1064 MSL, 3904 FT NORTH OF AIRPORT. 1507271223-1601231223EST.

AUDUBON

Audubon County

FDC 5/7828 ADU ODP AUDUBON COUNTY, AUDUBON, IA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1A.TAKE-OFF MINIMUMS: RWY 14, 300-1 1/4 OR STANDARD WITH MINIMUM CLIMB 240 FEET PER NM TO 1600. TAKE-OFF MINIMUMS: RWY 32, 300-1 1/4 OR STANDARD WITH MINIMUM CLIMB 360 FEET PER NM TO 1700. NOTE: RWY 14,BUILDING, BUSH, PARKING LOT AND TERRAIN BEGINNING 22 FEET FROM DER, 326 LEFT OF CENTERLINE, UP TO 16 FEET AGL/1315 FEET MSL. POLES AND ROADS BEGINNING 439 FEET FROM DER, 253 FEET RIGHT OF CENTERLINE, UP TO 39 FEET AGL/1318 FEET MSL. POLES, BUILDINGS AND PARKING LOTS BEGINNING 492 FEET FROM DER, 388 FEET LEFT OF CENTERLINE, UP TO 31 FEET AGL/1332 FEET MSL. TREES AND POLE BEGINNING 710 FEET FROM DER, 149 FEET RIGHT OF CETERLINE, UP TO 33 AGL/1311 FEET MSL. PARKING LOTS, TREES, POLES, ROAD AND TERRAIN BEGINNING 934 FEET FROM DER, 281 FEET LEFT OF CENTERLINE, UP TO 31 FEET AGL/ 1349 FEET MSL. TREES BEGINNING 1596 FEET FROM DER, 631 FEET RIGHT OF CENTERLINE, UP TO 65 FEET AGL/1321 FEET MSL. TREES, BUSHES AND TERRAIN BEGINNING 1716 FEET FROM DER, 56 FEET LEFT OF CENTERLINE, UP TO 59 FEET AGL/1406 FEET MSL. TREES BEGINNING 3491 FEET FROM DER, 17 FEET RIGHT OF CENTERLINE, UP TO 73 FEET AGL/1396 FEET MSL. TREES, POLES AND ROAD BEGINNING 5038 FEET FROM DER, 1574 FDC 5/7828 ADU ODP AUDUBON COUNTY, AUDUBON, IA. FEET LEFT OF CENTERLINE, UP TO 71 FEET AGL/1465 FEET MSL. NOTE: RWY 32, LIGHT POLES BEGINNING 9 FEET FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 3 FEET AGL/1289 FEET MSL. POLES, BUSHES, BUILDINGS, PARKING LOTS AND TERRAIN BEGINNING 31 FEET FROM DER, 14 LEFT OF CENTERLINE, UP TO 36 FEET AGL/1334 FEET MSL. BUSHES, POLES, BUILDINGS, PARKING LOTS, GRAIN ELEVATOR AND TERRAIN BEGINNING 64 FEET FROM DER, 75 FEET RIGHT OF CENTERLINE, UP TO 30 FEET AGL/1318 FEET MSL. 1506112304-1512082304EST

BOONE

Boone Muni

FDC 5/6608 BNW IAP BOONE MUNI, BOONE, IA. RNAV (GPS) RWY 33, AMDT 1A...CHART NOTE: CIRCLING NA TO RWYS 2 AND 20. THIS IS RNAV (GPS) RWY 33, AMDT 1B. 1511021504-PERM.

FDC 5/5928 BNV IAP BOONE MUNI, BOONE, IA.
RNAV (GPS) RWY 15, AMDT 1A...LPV DA 1449/HAT
310 ALL CATS. NOTE: CIRCLING NA TO RWYS 2 AND
20. CHANGE HELICOPTER VISIBILITY REDUCTION
NOTE TO READ: HELICOPTER VISIBILITY
REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHANGE LOCAL ALTIMETER SETTING NOTE TO
READ: WHEN LOCAL ALTIMETER SETTING NOT
RECEIVED, USE AMES MUNI ALTIMETER SETTING:
INCREASE ALL DA 54 FT AND ALL VISIBILITIES 1/4
MILE; INCREASE ALL MDA 60 FT.
1510301943-1604271943EST.

FDC 5/5791 BNV ODP BOONE MUNI, BOONE, IA.
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE
PROCEDURES AMDT 5...TAKE-OFF MINIMUMS: RWY
33, 300 - 1 3/4 OR STANDARD WITH MINIMUM
CLIMB OF 405 FT PER NM TO 1400. ALL OTHER
DATA REMAINS AS PUBLISHED.
1510301717-1604271717EST.

CEDAR RAPIDS

The Eastern Iowa

FDC 5/4018 CID IAP THE EASTERN IOWA, CEDAR
RAPIDS, IA. ILS OR LOC RWY 9, AMDT 18A...AUTO
PILOT COUPLED APPROACH NA BELOW 1100 MSL.
1509211547-1604191547EST.

CHARITON

Chariton Muni

FDC 5/7370 CNC IAP CHARITON MUNI, CHARITON, .
RNAV (GPS) RWY 10, ORIG-A...CIRCLING MDA
1540/HAA 489 ALL CATS.. 1510151430-1604151430EST.

CHARLES CITY

Northeast Iowa Rgnl

FDC 5/0043 CCY IAP NORTHEAST IOWA RGNL,
CHARLES CITY, IA. NDB RWY 12, AMDT 1...CHUHK
NDB IDENTIFICATION (IY).
1508092150-1602052150EST.

CLARINDA

Schenck Field

FDC 5/7532 ICL ODP SCHENCK FIELD, CLARINDA,
IA. TAKEOFF MINIMUMS AND (OBSTACLE)
DEPARTURE PROCEDURES AMDT 1...DEPARTURE
PROCEDURE: RWY 2, CLIMB HEADING 020 TO 2400
BEFORE TURNING. ALL OTHER DATA REMAINS AS
PUBLISHED. 1507191848-1602151847EST.

FDC 5/3549 ICL IAP SCHENCK FIELD, CLARINDA,
IA. RNAV (GPS) RWY 2, ORIG-B...LPV DA NA.
LNAV/VNAV DA NA. 1509021241-1602291241EST.

DECORAH

Decorah Muni

FDC 5/6929 DEH IAP DECORAH MUNI, DECORAH,
IA. VOR RWY 29, AMDT 3C...NOTE: NIGHT LANDING:
RWY 29 NA. DISREGARD NOTE: WHEN VGSI
INOPERATIVE, PROCEDURE NA AT NIGHT.
1509082318-1604062318EST.

FDC 5/6928 DEH IAP DECORAH MUNI, DECORAH,
IA. RNAV (GPS) RWY 29, ORIG-A...NOTE: NIGHT
LANDING: RWY 29 NA. NOTE: HELICOPTER
VISIBILITY REDUCTION BELOW 1 SM NOT
AUTHORIZED. VDP NA. 34:1 IS NOT CLEAR.
DISREGARD NOTE: VDP NA WHEN USING PRESTON,
MN ALTIMETER SETTING.
1509082318-1604062318EST.

FDC 5/4290 DEH IAP DECORAH MUNI, DECORAH,
IA. RNAV (GPS) RWY 11, ORIG-B...NOTE: NIGHT
LANDING: RWY 29 NA. DISREGARD NOTE: WHEN
VGSI INOP, CIRCLING RWY 29 NA AT NIGHT.
1504301311-1511271310EST.

DUBUQUE

Dubuque Rgnl

FDC 5/5249 DBQ IAP DUBUQUE RGNL, DUBUQUE,
IA. RNAV (GPS) RWY 13, ORIG...LNAV MDA 1440/HAT
363 ALL CATS.. 1509232256-1604212255EST.

FDC 5/1902 DBQ IAP DUBUQUE RGNL, DUBUQUE,
IA. LOC/DME BC RWY 13, AMDT 5C...PROCEDURE
NA. 1510062106-1605032106EST.

EAGLE GROVE

Eagle Grove Muni

FDC 5/9032 EAG IAP EAGLE GROVE MUNI, EAGLE
GROVE, IA. RNAV (GPS) RWY 13, AMDT 1A...RNAV
(GPS) RWY 31, AMDT 2A...NOTE: CIRCLING TO RWY
01, 19 NA. 1511052233-1605032233EST.

FDC 5/9030 EAG IAP EAGLE GROVE MUNI, EAGLE
GROVE, IA. VOR/DME-A, AMDT 2...NOTE: NIGHT
LANDING: RWY 13 NA. NOTE: HELICOPTER
VISIBILITY REDUCTION BELOW 1 SM NOT
AUTHORIZED. NOTE: CIRCLING TO RWY 01, 19 NA.
1511052233-1605032233EST.

FOREST CITY

Forest City Muni

FDC 5/0678 FXY IAP FOREST CITY MUNI, FOREST CITY, IA. NDB RWY 33, AMDT 2A...NOTE: NIGHT LANDING: RWY 9, 27, 33 NA. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 33 PROCEDURE NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 15 NA AT NIGHT. DISREGARD NOTE: CIRCLING TO RWY 9/27 NA AT NIGHT. 1509151431-1603131431EST.

FDC 5/0677 FXY IAP FOREST CITY MUNI, FOREST CITY, IA. RNAV (GPS) RWY 15, ORIG-A...NOTE: NIGHT LANDING: RWY 9, 27, 33 NA. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 33 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP STRAIGHT-IN/CIRCLING RWY 15 PROCEDURE NA AT NIGHT. DISREGARD NOTE: CIRCLING TO RWY 9/27 NA AT NIGHT. 1509151431-1603131431EST.

FDC 5/0676 FXY IAP FOREST CITY MUNI, FOREST CITY, IA. VOR/DME-A, AMDT 3...NOTE: NIGHT LANDING: RWY 9, 27, 33 NA. DISREGARD NOTE: CIRCLING TO RWY 9-27 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1509151430-1603131430EST.

FDC 5/0675 FXY IAP FOREST CITY MUNI, FOREST CITY, IA. RNAV (GPS) RWY 33, ORIG...NOTE: NIGHT LANDING: RWY 9, 27, 33 NA. DISREGARD NOTE: CIRCLING TO RWY 9-27 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT. 1509151430-1603131430EST.

FDC 5/0602 FXY ODP FOREST CITY MUNI, FOREST CITY, IA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...DEPARTURE PROCEDURE: RWY 33, CLIMB HEADING 332 TO 1900 BEFORE TURNING RIGHT. ALL OTHER DATA REMAINS AS PUBLISHED. 1507271238-1601231238EST.

IOWA CITY

Iowa City Muni

FDC 5/0784 IOW IAP IOWA CITY MUNI, IOWA CITY, IA. RNAV (GPS) RWY 25, ORIG-A...RNAV (GPS) RWY 30, ORIG...NOTE: NIGHT LANDING: RWY 12, 30 NA. 1509151554-1604131554EST.

FDC 5/0783 IOW IAP IOWA CITY MUNI, IOWA CITY, IA. VOR-A, ORIG...NOTE: NIGHT LANDING: RWY 12, 30 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1509151554-1604131554EST.

MAQUOKETA

Maquoketa Muni

FDC 5/6082 OQW ODP MAQUOKETA MUNI, MAQUOKETA, IA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TAKE-OFF MINIMUMS: RWY 33, STANDARD WITH A MINIMUM CLIMB OF 238 FEET PER NM TO 1000. NOTE: RWY 33, FENCE AND VEHICLES ON ROAD BEGINNING 2 FEET FROM DER, 3 FEET RIGHT OF CENTERLINE, UP TO 15 FEET AGL/788 FEET MSL. TREE 561 FEET FROM DER, 355 FEET LEFT OF CENTERLINE, UP TO 100 FEET AGL/796 FEET MSL. POLES, TOWERS, BLDGS AND TREES BEGINNING 1051 FEET FROM DER, 59 FEET RIGHT OF CENTERLINE, UP TO 100 FEET AGL/859 FEET MSL. POLE AND TOWER 1728 FEET FROM DER, 127 FEET LEFT OF CENTERLINE, 53 FEET AGL/825 FEET MSL. TREES BEGINNING 4199 FEET FROM DER, 835 FEET RIGHT OF CENTERLINE, UP TO 100 FEET AGL/925 FEET MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1507160238-1602120238EST.

MASON CITY

Mason City Muni

FDC 5/7784 MCW IAP MASON CITY MUNI, MASON CITY, IA. RNAV (GPS) RWY 18, AMDT 2A...LPV DA 1464/HAT 250. CIRCLING HAA CAT A 446, CAT B 466, CAT C 546, CAT D MDA 1780/HAA 566. CHANGE INOPERATIVE TABLE NOTE TO READ: INOPERATIVE TABLE DOES NOT APPLY TO LPV AND LNAV/VNAV. CHANGE LOCAL ALTIMETER NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHARLES CITY ALTIMETER SETTING AND INCREASE ALL DA TO 1551 FEET AND ALL VISIBILITIES 1/8 MILE; INCREASE ALL MDA 100 FT AND LNAV CATS C AND D AND CIRCLING CAT C VISIBILITY 1/4 MILE. CHANGE FOR INOPERATIVE MALS NOTE TO READ: FOR INOPERATIVE MALS WHEN USING CHARLES CITY ALTIMETER SETTING, INCREASE LPV, LNAV/VNAV CAT D VISIBILITY TO 1 1/8 MILE AND LNAV CATS C AND D TO 1 3/8 MILE. NOTE: FOR INOPERATIVE MALS, INCREASE LNAV CAT D VISIBILITY TO 1 MILE. APT EL 1214. 1508051852-1602011852EST.

MUSCATINE

Muscatine Muni

FDC 5/5158 MUT ODP MUSCATINE MUNI, MUSCATINE, IA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2.TAKE-OFF MINIMUMS: RWY 6, 12, STANDARD. RWY 24, STANDARD WITH MINIMUM CLIMB OF 213 FEET PER NM TO 1000. RWY 30, STANDARD WITH MINIMUM CLIMB OF 298 FEET PER NM TO 1000. NOTE: RWY 6, TREE 635 FT FROM DER, 549 FT RIGHT OF CENTERLINE, UP TO 60 FT AGL/560 FT MSL. TREE 1422 FT FROM DER, 640 FT RIGHT OF CENTERLINE, UP TO 60 FT AGL/582 FT MSL. NOTE: RWY 12, BUILDING 756 FT FROM DER, 643 FT RIGHT OF CENTERLINE, UP TO 40 FT AGL/577 FT MSL. BUILDING AND TREES BEGINING 811 FT FROM DER, 558 FT RIGHT OF CENTERLINE, UP TO 60 FT AGL/571 FT MSL. BUILDING 1095 FT FROM DER, 782 FT LEFT OF CENTERLINE, UP TO 40 FT AGL/580 FT MSL. NOTE: RWY 24, TREE 218 FT FROM DER, 531 FT LEFT OF CENTERLINE, UP TO 60 FT AGL/567 FT MSL. TREE 1949 FT FROM DER, 271 FT RIGHT OF CENTERLINE, UP TO 60 FT AGL/599 FT MSL. TREE 2566 FT FROM DER, 539 FT LEFT OF CENTERLINE, UP TO 60 FT AGL/616 FT MSL. TREES BEGINNING 1.4 MILES FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 60 FT AGL/827 FT MSL. NOTE: RWY 30, FENCE, TREES AND POLES BEGINNING 28 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 60 FT AGL/593 FT MSL. TREES ALL OTHER DATA REMAINS AS PUBLISHED. FDC 5/5158 MUT ODP MUSCATINE MUNI, MUSCATINE, IA. BEGINNING 1.4 MILES FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 60 FT AGL/861 FT MSL. CONTROLLING OBSTACLES: RWY 24: 789 FT MSL TREE 412051.04N-0911054.12W, 827 FT MSL TREE 412045.38N-0911118.41W. RWY 30: 846 FT MSL TREE 412250.43N-0911112.00W. ALL OTHER DATA REMAINS AS PUBLISHED. 1510292007-1604262007EST

OELWEIN

Oelwein Muni

FDC 5/0044 OLZ IAP OELWEIN MUNI, OELWEIN, IA. VOR OR GPS-A, AMDT 3A...VOR PORTION NA. 1508092151-1602052151EST.

ORANGE CITY

Orange City Muni

FDC 5/6408 ORC IAP ORANGE CITY MUNI, ORANGE CITY, IA. NDB OR GPS RWY 34, AMDT 3A...NOTE: NIGHT LANDING: RWY 16 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1505261744-1512221717EST.

OTTUMWA

Ottumwa Rgnl

FDC 5/9537 OTM IAP OTTUMWA RGNL, OTTUMWA, IA. ILS OR LOC RWY 31, AMDT 5D...LOC/DME BC RWY 13, AMDT 3B...RNAV (GPS) RWY 13, ORIG-A...RNAV (GPS) RWY 31, ORIG...VOR RWY 31, AMDT 15...VOR/DME RWY 13, AMDT 7A...CIRCLING CATS A/B/C MDA 1340/ HAA 495. TEMPORARY CRANE, 976 MSL, 1746 FT EAST OF AIRPORT. 1508071756-1602031756EST.

SHENANDOAH

Shenandoah Muni

FDC 5/3738 SDA ODP SHENANDOAH MUNI, SHENANDOAH, IA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TAKE-OFF MINIMUMS: RWY 30, 300 - 1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 250 FEET PER NM TO 1300. NOTES: RWY 30, TREES 1.4 NM NORTHWEST OF AIRPORT. ALL OTHER DATA REMAINS AS PUBLISHED. 1510272036-1604242036EST.

SIOUX CITY

Sioux Gateway/Col Bud Day Field

FDC 5/9712 SUX IAP U.S. DOD SIOUX GATEWAY/COL BUD DAY FIELD, SIOUX CITY, IA. HI VOR/DME OR TACAN RWY 13, AMDT 3B...VOR/DME OR TACAN RWY 13, AMDT 18C...TACAN PORTION NA. 1508072343-1603032343EST.

SPENCER

Spencer Muni

FDC 5/1841 SPW IAP SPENCER MUNI, SPENCER, IA. RNAV (GPS) RWY 30, AMDT 1A...CIRCLING CAT C/D MDA 2100/HAA 761, VIS CAT C 2 1/4, CAT D 2 1/2. ALTERNATE MINIMUMS STANDARD, EXCEPT CAT C 800-2 1/4, CAT D 800-2 1/2 AND NA WHEN LOCAL WEATHER NOT AVAILABLE. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ESTHERVILLE ALTIMETER SETTING AND INCREASE ALL DA/MDA 60 FT; INCREASE LPV AND LNAV/VNAV ALL CATS, LNAV AND CIRCLING CATS C/D VISIBILITIES 1/4 MILE. THIS IS RNAV (GPS) RWY 30, AMDT 1B. 1511121516-PERM.

Spencer Muni Hospital

FDC 5/9501 11A3 SPECIAL SPENCER MUNI HOSPITAL, SPENCER, IA. COPTER RNAV (GPS) 285, ORIG...H-285 MDA 1760/HAS 418. TOWER, 1726 MSL, 5701 FT NORTH OF HELIPORT. 1508071732-1603031732EST.

STORM LAKE

Storm Lake Muni

FDC 5/5132 SLB IAP STORM LAKE MUNI, STORM LAKE, IA. NDB RWY 17, ORIG-A...NDB RWY 35, AMDT 1C...RNAV (GPS) RWY 17, ORIG-A...RNAV (GPS) RWY 35, AMDT 1...NOTE: NIGHT LANDING RWY 13 NA. 1506091121-1601061121EST.

WATERLOO

Waterloo Rgnl

FDC 5/6812 ALO IAP WATERLOO RGNL, WATERLOO, IA. RNAV (GPS) RWY 30, ORIG...LNAV MDA 1320/HAT 453 ALL CATS. VDP 1.26 NM TO RW30. TEMPORARY CRANE, 1057 MSL, 4804 FT SE OF AIRPORT, 2015-ACE-2021-OE. 1509261656-1603241656EST.

FDC 5/6810 ALO IAP WATERLOO RGNL, WATERLOO, IA. RNAV (GPS) RWY 24, ORIG...LNAV MDA 1320/HAT 453 ALL CATS. VIS CATS C/D 1 3/8. VDP AT 1.29 NM TO RW24. TEMPORARY CRANE, 1057 MSL, 4804 FT SE OF AIRPORT, 2015-ACE-2021-OE. 1509261656-1603241656EST.

FDC 5/6809 ALO IAP WATERLOO RGNL, WATERLOO, IA. VOR RWY 24, AMDT 16A...DME MINIMUMS: S-24 MDA 1320/HAT 453 ALL CATS. VIS CAT C 1 3/8. TEMPORARY CRANE, 1057 MSL, 4804 FT SE OF AIRPORT, 2015-ACE-2021-OE. 1509261656-1603241656EST.

FDC 5/1716 ALO IAP WATERLOO RGNL, WATERLOO, IA. VOR RWY 18, AMDT 8A...S-18 CAT A/B MDA 1580/HAT 709, CAT C/D NA. CIRCLING MDA 1580/HAA 707 ALL CATS. VISIBILITY CAT C 2, CAT D 2 1/4. TDZE 871. 1506031614-1512301614EST.

FDC 5/1715 ALO IAP WATERLOO RGNL, WATERLOO, IA. VOR RWY 12, AMDT 10...S-12 MDA 1360/HAT 487 ALL CATS. VIS CAT A/B RVR 4000, CAT C RVR 5000. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE INDEPENDENCE ALTIMETER SETTING AND INCREASE ALL MDA 60 FT, S-12 VISIBILITY CAT C/D TO RVR 6000. 1506031614-1512301614EST.

FDC 5/1714 ALO IAP WATERLOO RGNL, WATERLOO, IA. VOR RWY 18, AMDT 8A...VOR RWY 36, AMDT 17A...VOR RWY 6, AMDT 3...MSA WEST SECTOR 180 TO 360 2600 FT. 1506031614-1512301614EST.

KANSAS

ANTHONY

Anthony Muni

FDC 5/0785 ANY IAP ANTHONY MUNI, ANTHONY, KS. RNAV (GPS) RWY 36, ORIG...DESCENT ANGLE 3.00/TCH 45 NA. 1509151556-1604131555EST.

ATWOOD

Atwood-Rawlins County City-County

FDC 5/0217 ADT IAP ATWOOD-RAWLINS COUNTY CITY-COUNTY, ATWOOD, KS. RNAV (GPS) RWY 16, ORIG...LPV DA NA. LNAV/VNAV DA NA. LNAV MDA 3540/HAT 549 ALL CATS, VISIBILITY CAT C AND D 1 5/8. NOTE: USE MCCOOK ALTIMETER SETTING; WHEN NOT RECEIVED, USE GOODLAND ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET, INCREASE LNAV AND CIRCLING CAT C AND D VISIBILITY 1/4 MILE. 1509141606-1604121605EST.

BELOIT

Moritz Memorial

FDC 5/0689 K61 IAP MORITZ MEMORIAL, BELOIT, KS. RNAV (GPS) RWY 17, ORIG...RNAV (GPS) RWY 35, ORIG...VISUAL DESCENT ANGLE 3.04/TCH 40 NOT AUTHORIZED. 1509151439-1604131439EST.

BENTON

Lloyd Stearman Field

FDC 5/9564 1K1 IAP LLOYD STEARMAN FIELD, BENTON, KS. RNAV (GPS) RWY 17, ORIG...LNAV MDA 1820/HAT 456 ALL CATS, CAT C VISIBILITY 1 3/8. TANK 1512 MSL 3400 FEET NE OF RWY 17.. 1511061709-1605041708EST.

CONCORDIA

Blosser Muni

FDC 5/7303 CNK ODP BLOSSER MUNI, CONCORDIA, KS. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...NOTE: RWY 17, TREES BEGINNING 454 FT FROM DER, 238 FT LEFT OF CENTERLINE TO 4337 FT FROM DER, 4 FT LEFT OF CENTERLINE, UP TO 46 FT AGL/1607 FT MSL. TREES AND POLES BEGINNING 444 FT FROM DER, 479 FT RIGHT OF CENTERLINE TO 4251 FT FROM DER, 12 FT RIGHT OF CENTERLINE, UP TO 53 FT AGL/1620 FT MSL. BUILDINGS BEGINNING 1219 FT FROM DER, 355 FT RIGHT OF CENTERLINE, UP TO 19 FT AGL/1559 FT MSL. TERRAIN BEGINNING 196 FT FROM DER, 141 FT RIGHT OF CENTERLINE, UP TO 1581 FT MSL. NOTE: RWY 35, WATER TOWER 2086 FT FROM DER, 1011 FT RIGHT OF CENTERLINE, 119 FT AGL/1585 FT MSL. TREES BEGINNING 399 FT FROM DER, 158 FT LEFT OF CENTERLINE, UP TO 25 FT AGL/1494 FT MSL. POLES BEGINNING 318 FT FROM DER, 561 FT LEFT OF CENTERLINE, UP TO 42 FT AGL/1512 FT MSL. TERRAIN 59 FT FROM DER, 351 FT LEFT OF CENTERLINE, 1475 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1511031644-1605011644EST.

FDC 5/2505 CNK IAP BLOSSER MUNI, CONCORDIA, KS. RNAV (GPS) RWY 17, ORIG-A...NOTE: NIGHT LANDING: RWY 35 NA. DISREGARD NOTE: PROCEDURE NA AT NIGHT. 1509010257-1603280357EST.

FORT LEAVENWORTH

Sherman AAF

FDC 5/6217 FLV IAP U.S. DOD SHERMAN AAF, FORT LEAVENWORTH, KS. RNAV (GPS) RWY 34, ORIG-A...DESCENT ANGLE 3.04 /TCH 50 NA. 1510311949-1604281949EST.

FDC 5/5243 FLV IAP U.S. DOD SHERMAN AAF, FORT LEAVENWORTH, KS. NDB RWY 34, AMDT 4A...PROCEDURE NA. HUGGY (RN) LOCATOR OUTER MARKER DECOMMISSIONED. 1509232225-1512112225EST.

GARDEN CITY

Garden City Rgnl

FDC 5/9937 GCK IAP GARDEN CITY RGNL, GARDEN CITY, KS. ILS RWY 35, AMDT 1...TDZE 2885. APT ELEV 2891. CIRCLING CAT A MDA 3320/HAA 429, CAT B/C MDA 3360/HAA 469, CAT D MDA 3460/HAA 569. TERMINAL ROUTE GCK VORTAC R-270/12 DME CCW ARC TO I-GCK LOCALIZER NORTH COURSE 352 (NOPT) 5000. TERMINAL ROUTE GCK VORTAC TO PIEVE LOM 4800. PROCEDURE TURN COMPLETION ALTITUDE 4800. MSA GC LOM 25 NM 045-315 5000. MISSED APPROACH: CLIMB TO 4000, THEN CLIMBING RIGHT TURN TO 4800 DIRECT PIEVE LOM AND HOLD. NOTE: ADF REQUIRED. 1507022001-1512292001EST.

FDC 5/9933 GCK IAP GARDEN CITY RGNL, GARDEN CITY, KS. NDB RWY 35, ORIG-A...TDZE 2885. APT ELEV 2891. S-35 HAT 355 ALL CATS. CIRCLING CAT A MDA 3320/HAA 429, CAT B/C MDA 3360/HAA 469, CAT D MDA 3460/HAA 569. MISSED APPROACH: CLIMB TO 4000, THEN CLIMBING RIGHT TURN TO 4800 DIRECT PIEVE LOM AND HOLD. TERMINAL ROUTE GCK VORTAC TO PIEVE LOM (IAF) MINIMUM ALTITUDE 4800. HOLD-IN-LIEU OF PROCEDURE TURN ALTITUDE 4800. MSA PIEVE (GC) LOM 25 NM 045-315 5000. PROFILE VIEW NOTE: VISUAL DESCENT ANGLE 3.27/TCH 40; VGS1 AND DESCENT ANGLES NOT COINCIDENT. 1507021959-1512291958EST.

FDC 5/9931 GCK IAP GARDEN CITY RGNL, GARDEN CITY, KS. RNAV (GPS) RWY 35, ORIG...CIRCLING MDA CAT A 3320/HAA 429. MSA RW35 25 NM 5000. 1507021957-1512291957EST.

FDC 5/9928 GCK IAP GARDEN CITY RGNL, GARDEN CITY, KS. VOR/DME RWY 35, AMDT 2...S-35 MDA 3200/HAT 315 ALL CATS. CIRCLING CAT A MDA 3320/HAA 429. TERMINAL ROUTE LACKA VIA GCK 11 DME CCW ARC TO VODCU (NOPT) 5000. TERMINAL ROUTE GCK VORTAC TO IMGIZ 4800. PROCEDURE TURN COMPLETION ALTITUDE 5000. MSA GCK VORTAC 25 NM 045-315 5000. CHANGE ALTIMETER NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DODGE CITY RGNL ALTIMETER SETTING AND INCREASE ALL MDA 140 FEET, INCREASE S-35 CAT C VISIBILITY 1/4 MILE. 1507021956-1512291956EST.

FDC 5/9922 GCK IAP GARDEN CITY RGNL, GARDEN CITY, KS. VOR RWY 35, AMDT 7A...TDZE 2885. APT ELEV 2891. S-35 MDA 3340/HAT 455 ALL CATS. VISIBILITY CAT C 3/4. CIRCLING CAT A MDA 3340/HAA 449, CAT B/C MDA 3360/HAA 469, CAT D MDA 3460/HAA 569. PROCEDURE TURN COMPLETION ALTITUDE 4800. MSA GCK VORTAC 25 NM 315-045 4400, 045-315 5000. DISREGARD NOTE: CAT D S-35 VISIBILITY INCREASED 1/4 MILE FOR INOPERATIVE MALSR. 1507021954-1512291953EST.

FDC 5/7290 GCK IAP GARDEN CITY RGNL, GARDEN CITY, KS. RNAV (GPS) RWY 17, ORIG...CIRCLING CAT A MDA 3320/HAA 429. MSA RW17 25 NM 5000. 1511031622-1605011622EST.

FDC 5/3095 GCK IAP GARDEN CITY RGNL, GARDEN CITY, KS. RNAV (GPS) RWY 30, ORIG...CIRCLING CAT A MDA 3320/HAA 429. MSA RW30 25 NM 5000. 1510271321-1604241321EST.

FDC 5/3092 GCK IAP GARDEN CITY RGNL, GARDEN CITY, KS. RNAV (GPS) RWY 12, ORIG...CIRCLING CAT A MDA 3320/HAA 429. MSA RW12 25 NM 5000. 1510271320-1604241320EST.

GOODLAND

Renner Fld /Goodland Muni/

FDC 5/7157 GLD CHART RENNER FLD /GOODLAND MUNI/, GOODLAND, KS. ON L10 PANEL G AT GOODLAND AIRPORT (GLD) ILS IS AVAILABLE ON RWY 30...CURRENTLY CHARTED ERRONEOUSLY AS A BACK COURSE 1502252135-PERM.

HUTCHINSON

Hutchinson Rgnl

FDC 5/7153 HUT IAP HUTCHINSON MUNI, HUTCHINSON, KS. NDB RWY 13, AMDT 15B...NIGHT LANDING: RWY 22 NA. 1511031445-1605011445EST.

FDC 5/7152 HUT IAP HUTCHINSON MUNI, HUTCHINSON, KS. LOC BC RWY 31, AMDT 14B...NIGHT LANDING: RWY 22 NA. HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1511031445-1605011445EST.

FDC 5/7151 HUT IAP HUTCHINSON MUNI, HUTCHINSON, KS. VOR/DME RWY 22, AMDT 6A...NIGHT LANDING: RWY 22 NA. HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1511031445-1605011445EST.

FDC 5/7149 HUT IAP HUTCHINSON MUNI, HUTCHINSON, KS. VOR RWY 4, AMDT 19C...NIGHT LANDING: RWY 22 NA. 1511031445-1605011445EST.

FDC 5/7148 HUT IAP HUTCHINSON MUNI, HUTCHINSON, KS. RNAV (GPS) RWY 31, AMDT 1B...NIGHT LANDING: RWY 22 NA. HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DISREGARD NOTE WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 31 PROCEDURE NA AT NIGHT. DISREGARD NOTE WHEN VGSI INOP, CIRCLING TO RWY 17 AND 22 NA AT NIGHT. 1511031445-1605011445EST.

FDC 5/7147 HUT IAP HUTCHINSON MUNI, HUTCHINSON, KS. RNAV (GPS) RWY 22, ORIG-A...NIGHT LANDING: RWY 22 NA. DESCENT ANGLE 3.00/TCH 42 NA. HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1511031445-1605011445EST.

FDC 5/7145 HUT IAP HUTCHINSON MUNI, HUTCHINSON, KS. RNAV (GPS) RWY 4, ORIG-A...NIGHT LANDING: RWY 22 NA. DISREGARD NOTE VISIBILITY REDUCTION BY HELICOPTERS NA. 1511031445-1605011445EST.

FDC 5/7144 HUT IAP HUTCHINSON MUNI, HUTCHINSON, KS. ILS OR LOC RWY 13, AMDT 16E...NIGHT LANDING: RWY 22 NA. DISREGARD NOTE WHEN VGSI INOP, CIRCLING RWY 17, 22, AND 31 NA AT NIGHT. 1511031445-1605011445EST.

FDC 5/7143 HUT IAP HUTCHINSON MUNI, HUTCHINSON, KS. RNAV (GPS) RWY 13, ORIG-B...NIGHT LANDING: RWY 22 NA. DISREGARD NOTE WHEN VGSI INOP, CIRCLING RWY 17, 22, AND 31 NA AT NIGHT. 1511031445-1605011445EST.

INDEPENDENCE

Independence Muni

FDC 5/4493 IDP IAP INDEPENDENCE MUNI, INDEPENDENCE, KS. ILS OR LOC RWY 35, AMDT 1C...S-LOC 35: DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, JEFFE (ID) LOM OUT OF SERVICE. 1505202117-1512162117EST.

JUNCTION CITY

Freeman Field

FDC 5/9816 3JC ODP FREEMAN FIELD, JUNCTION CITY, KS. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...TAKEOFF MINIMUMS: RWY13, 31 NA, ENVIRONMENTAL. ALL OTHER DATA REMAINS AS PUBLISHED. THIS IS TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, AMDT 2A. 1510012011-PERM.

KINGMAN

Kingman Airport - Clyde Cessna Field

FDC 5/1876 9K8 IAP KINGMAN AIRPORT - CLYDE CESSNA FIELD, KINGMAN, KS. VOR/DME RWY 18, AMDT 2...NOTE: NIGHT LANDING: RWY 11, 18, 29 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1508311309-1602271309EST.

FDC 5/1875 9K8 IAP KINGMAN AIRPORT - CLYDE CESSNA FIELD, KINGMAN, KS. RNAV (GPS) RWY 18, ORIG-A...NOTE: NIGHT LANDING: RWY 11, 18, 29 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD SYMBOL DEPICTING 34:1 VISUAL SLOPE IS CLEAR. 1508311309-1602271309EST.

FDC 5/1874 9K8 IAP KINGMAN AIRPORT - CLYDE CESSNA FIELD, KINGMAN, KS. RNAV (GPS) RWY 36, ORIG-A...NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1508311309-1602271309EST.

FDC 5/0986 9K8 IAP KINGMAN AIRPORT - CLYDE CESSNA FIELD, KINGMAN, KS. VOR/DME RWY 18, AMDT 2...PROCEDURE NA. 1508111803-1602071803EST.

LAWRENCE

Lawrence Muni

FDC 5/5082 LWC IAP LAWRENCE MUNI, LAWRENCE, KS. RNAV (GPS) RWY 15, ORIG-B...RIGHT BASE TAA 329/30 CW 059/30 TO HASES MINIMUM ALTITUDE 3600. REST OF TAA REMAINS AS PUBLISHED. 1509231851-1604211851EST.

LYONS

Lyons-Rice County Muni

FDC 5/1313 LYO IAP LYONS-RICE COUNTY MUNI, LYONS, KS. GPS RWY 17R, ORIG...GPS RWY 35L, ORIG...VOR/DME-A, AMDT 3...NOTE: NIGHT LANDING: RWY 17R, 35L NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. NOTE: CIRCLING NA TO RWY 14, 17L, 32, 35R. 1506191252-1601151251EST.

MEADE

Meade Muni

FDC 5/4371 MEJ IAP MEADE MUNI, MEADE, KS. RNAV (GPS) RWY 17, ORIG-A...RNAV (GPS) RWY 35, ORIG-A...DESCENT ANGLE 3.00/40 TCH NA. 1505201931-1512161931EST.

NEWTON

Newton-City-County

FDC 5/2867 EWK IAP NEWTON-CITY-COUNTY, NEWTON, KS. RNAV (GPS) RWY 17, ORIG...LNAV CAT C VIS 1. CHANGE LOCAL ALTIMETER SETTING NOT RECEIVED NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVE, USE WICHITA DWIGHT D. EISENHOWER NATIONAL ALTIMETER SETTING AND INCREASE ALL DA/MDA 100 FEET, INCREASE LPV ALL CATS AND LNAV CAT C/D VISIBILITY 1/4 MILE. CHANGE INOPERATIVE MALSR NOTE TO READ: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO 1 MILE AND LNAV CAT C/D VISIBILITY TO 1 3/8 MILE. CHART NOTE: FOR INOPERATIVE MALSR USING WICHITA DWIGHT D EISENHOWER NATIONAL ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO 1 1/8 MILE. THIS IS RNAV (GPS) RWY 17, ORIG-A. 1510262203-PERM.

FDC 5/2866 EWK IAP NEWTON-CITY-COUNTY, NEWTON, KS. RNAV (GPS) RWY 35, ORIG...CHANGE LOCAL ALTIMETER SETTING NOT RECEIVED NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WICHITA DWIGHT D EISENHOWER NATIONAL ALTIMETER SETTING AND INCREASE ALL DA/MDA 100 FT; INCREASE LPV ALL CATS VISIBILITY 3/8 MILES, AND INCREASE LNAV CAT C/D VISIBILITY 1/4 MILE. THIS IS RNAV (GPS) RWY 35, ORIG-A. 1510262202-PERM.

FDC 5/0552 EWK IAP NEWTON-CITY-COUNTY, NEWTON, KS. VOR/DME-A, AMDT 3...MISSED APPROACH: CLIMBING RIGHT TURN TO 3600 ON ICT R-031 TO CHATE/19.3 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3600. 1510211925-1604181925EST.

SMITH CENTER

Smith Center Muni

FDC 5/9285 K82 IAP SMITH CENTER MUNI, SMITH CENTER, KS. VOR/DME OR GPS-A, AMDT 2...PROCEDURE NA. 1511061500-1605041500EST.

FDC 5/9219 K82 IAP SMITH CENTER MUNI, SMITH CENTER, KS. GPS RWY 35, ORIG...CIRCLING CATS A/B MDA 2480/HAA 681. 1511061358-1605041358EST.

ST FRANCIS

Cheyenne County Muni

FDC 5/3724 SYF IAP CHEYENNE COUNTY MUNI, ST FRANCIS, KS. NDB OR GPS RWY 32, AMDT 1A...S-32 VISIBILITY CAT C 1 3/4. CIRCLING CAT C VISIBILITY 1 3/4. DISTANCE FAF TO MAP 1.8 NM. TIMING TABLE KNOTS/TIME: 60/1:48, 90/1:12, 120/0:54, 150/0:43, 180/0:36. 1510272020-1604242020EST.

TOPEKA

Forbes Field

FDC 5/7253 FOE IAP U.S. DOD FORBES FIELD, TOPEKA, KS. HI TACAN RWY 13, AMDT 3...S-13 MDA 1540/475 HAT CATS C/D/E.. 1506290106-1601260106EST.

FDC 5/7210 FOE IAP U.S. DOD FORBES FIELD, TOPEKA, KS. TACAN RWY 13, AMDT 4...TACAN RWY 31, AMDT 4...CIRCLING CAT D MDA 1700/HAA 622. PHILIP BILLARD MUNI ALTIMETER SETTING MINIMUMS; CIRCLING CAT D MDA 1760/HAA 682 VIS 2 1/4. 1508051154-1602011154EST.

FDC 5/5861 FOE IAP U.S. DOD FORBES FIELD, TOPEKA, KS. HI TACAN RWY 13, AMDT 3...HI TACAN RWY 31, AMDT 3...CIRCLING CAT D MDA 1700/ HAA 622. 1508041521-1601311521EST.

FDC 5/4709 FOE IAP U.S. DOD FORBES FIELD, TOPEKA, KS. TACAN RWY 13, AMDT 4...S-13 MDA 1540/475 HAT ALL CATS, VIS CAT C 1 1/4, CAT D 1 1/2, CAT E 1 3/4. CIRCLING MDA CAT A 1540/HAA 462. PHILIP BILLARD MUNI ALTIMETER SETTING MINIMUMS: S-13 MDA 1600/HAT 535 ALL CATS, VIS CAT C 1 1/2, CAT D 1 3/4, CAT E 2. CIRCLING MDA CAT A 1600/HAA 522. VDP AT FOE 2.67 DME; DISTANCE VDP TO THLD 1.32 MILES. 1508190610-1603150610EST.

FDC 5/4421 FOE IAP FORBES FIELD, TOPEKA, KS. NDB RWY 13, AMDT 7A...CIRCLING CAT D MDA 1700/HAA 622. ZAGLU FIX MINIMUMS: CIRCLING CAT D MDA 1700/HAA 622. CHART CIRCLING ICON. THIS IS NDB RWY 13, AMDT 7B. 1510091756-PERM.

FDC 5/4415 FOE IAP FORBES FIELD, TOPEKA, KS. ILS OR LOC RWY 31, AMDT 9E...CIRCLING CAT D MDA 1700/HAA 622. ALTERNATE MINIMUMS: ILS STANDARD, EXCEPT CAT D 700-2, CAT E 700-2 1/4, LOC: STANDARD, EXCEPT CAT E 800-2 1/4; NA WHEN LOCAL WEATHER NOT AVAILABLE, NA WHEN CONTROL TOWER CLOSED. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PHILIP BILLARD MUNI ALTIMETER SETTING AND INCREASE DA 45 FEET, AND ALL MDA 60 FEET, INCREASE S-31 CAT E VISIBILITY TO RVR 6000, S-LOC CAT E VISIBILITY TO 1 1/4 AND CIRCLING CAT E VISIBILITY TO 2 1/2. THIS IS ILS OR LOC RWY 31, AMDT 9F. 1510091753-PERM.

FDC 5/4402 FOE IAP FORBES FIELD, TOPEKA, KS. RNAV (GPS) RWY 13, ORIG...CIRCLING CAT D MDA 1700/HAA 622. CHART CIRCLING ICON. CIRCLING CAT A/B VIS 1. THIS IS RNAV (GPS) RWY 13 ORIG-A. 1510091721-PERM.

FDC 5/4401 FOE IAP FORBES FIELD, TOPEKA, KS. VOR/DME OR TACAN RWY 3, AMDT 6A...CIRCLING CAT A HAA 442, CAT B-C HAA 502, CAT D MDA 1700/HAA 622. AIRPORT ELEVATION 1078. CHART CIRCLING ICON. THIS IS VOR/DME OR TACAN RWY 3, AMDT 6B. 1510091719-PERM.

FDC 5/4375 FOE IAP FORBES FIELD, TOPEKA, KS. RNAV (GPS) RWY 31, ORIG...CIRCLING CAT D MDA 1700/HAA 622. CHART CIRCLING ICON. THIS IS RNAV (GPS) RWY 31 ORIG-A. 1510091638-PERM.

FDC 5/4370 FOE IAP FORBES FIELD, TOPEKA, KS. VOR/DME OR TACAN RWY 21, AMDT 7...CIRCLING CAT A HAA 442, CAT B-C HAA 502, CAT D MDA 1700/HAA 622. AIRPORT ELEVATION 1078. CHART CIRCLING ICON. THIS IS VOR/DME OR TACAN RWY 21, AMDT 7A. 1510091629-PERM.

FDC 5/3367 FOE IAP FORBES FIELD, TOPEKA, KS. VOR/DME OR TACAN RWY 3, AMDT 6A...S-3 MDA 1560/HAT 482, VISIBILITY 1 3/8 ALL CATS. CIRCLING CAT A/B/C MDA 1600/HAA 522. TEMPORARY CRANE 1245 MSL 1.8 NM SW OF AIRPORT.. 1511161313-1605141313EST.

FDC 5/3366 FOE IAP FORBES FIELD, TOPEKA, KS. RNAV (GPS) RWY 3, AMDT 1A...LNAV/VNAV DA 1598/HAT 520. VISIBILITY 1 3/8 ALL CATS. LNAV MDA 1560/HAT 482, VISIBILITY 1 3/8 ALL CATS. CIRCLING CAT A/B/C MDA 1600/HAA 522. TEMPORARY CRANE 1245 MSL 1.8 NM SW OF AIRPORT.. 1511161313-1605141313EST.

FDC 5/3352 FOE IAP FORBES FIELD, TOPEKA, KS. RNAV (GPS) RWY 21, AMDT 1A...VOR/DME OR TACAN RWY 21, AMDT 7...CIRCLING CAT A/B/C MDA 1600/HAA 522. TEMPORARY CRANE, 1245 MSL 1.8 NM SW OF AIRPORT.. 1511161313-1605141313EST.

FDC 5/3348 FOE ODP FORBES FIELD, TOPEKA, KS. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...DEPARTURE PROCEDURE. TAKE-OFF MINIMUMS RWY 21: 200-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 277 PER NM TO 1400.. ALL OTHER DATA REMAINS AS PUBLISHED. 1511161313-1605141313EST.

Philip Billard Muni

FDC 5/9373 TOP IAP PHILIP BILLARD MUNI, TOPEKA, KS. VOR RWY 22, AMDT 21...CIRCLING CAT A MDA 1360/HAA 479, CAT B MDA 1400/HAA519. NOTE: NIGHT LANDING: RWY 4 NA. NOTE: HELICOPTER VISIBILITY REDUCION BELOW 3/4 SM NOT AUTHORIZED. 1508071558-1603031558EST.

FDC 5/9370 TOP IAP PHILIP BILLARD MUNI, TOPEKA, KS. RNAV (GPS) RWY 22, AMDT 1...CIRCLING CAT A MDA 1360/HAA 479, CAT B MDA 1400/HAA 519.. NOTE: NIGHT LANDING: RWY 4 NA. 1508071558-1603031558EST.

FDC 5/9353 TOP IAP PHILIP BILLARD MUNI, TOPEKA, KS. LOC BC RWY 31, AMDT 19B...NOTE: NIGHT LANDING: RWY 4 NA. 1508071558-1603031558EST.

KENTUCKY

ALBANY

Clinton County Hospital

FDC 5/6638 45KY SPECIAL CLINTON COUNTY HOSPITAL, ALBANY, KY. COPTER RNAV (GPS) 265, AMDT 1...CHANGE ALL REFERENCE FOR JAMESTOWN ALTIMETER/AWOS TO RUSSELL COUNTY AIRPORT. 1509251838-1605131838EST.

ASHLAND

Ashland Rgnl

FDC 5/8584 DWU ODP ASHLAND RGNL, ASHLAND, KY. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 5...TAKE-OFF MINIMUMS: RWY 10, STANDARD WITH A MINIMUM CLIMB OF 430 FT. PER NM TO 1300. DEPARTURE PROCEDURE: RWY 28, CLIMB ON HEADING 283.13 TO 1300 BEFORE PROCEEDING ON COURSE. ALL OTHER DATA REMAINS AS PUBLISHED. 1511051634-1605031634EST.

FDC 5/3170 DWU IAP ASHLAND RGNL, ASHLAND, KY. VOR RWY 10, AMDT 11B...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ECB VOR OUT OF SERVICE. 1511150518-1512120518EST.

BARDSTOWN

Samuels Field

FDC 5/9076 BRY IAP SAMUELS FIELD, BARDSTOWN, KY. RNAV (GPS) RWY 20, ORIG...CHART NOTE: NIGHT LANDING: RWY 2 NA. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.. THIS IS RNAV (GPS) RWY 20 ORIG-A. 1509111311-PERM.

FDC 5/9073 BRY IAP SAMUELS FIELD, BARDSTOWN, KY. RNAV (GPS) RWY 2, ORIG...CHART NOTE: NIGHT LANDING: RWY 2 NA. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.. THIS IS RNAV (GPS) RWY 2 ORIG-A. 1509111311-PERM.

COVINGTON

Cincinnati/Northern Kentucky Intl

FDC 5/9743 CVG SID CINCINNATI/NORTHERN KENTUCKY INTL, COVINGTON, KY. BLUEGRASS NINE DEPARTURE...BOWLING GREEN TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. ALL OTHER DATA REMAINS AS PUBLISHED. 1508261854-1602221854EST.

FDC 5/9640 CVG IAP CINCINNATI/NORTHERN KENTUCKY INTL, COVINGTON, KY. ILS OR LOC RWY 36R, AMDT 8B...ILS RWY 36R (CAT II AND III)...DISREGARD MM INDICATIONS. 1506171127-1512141127EST.

FDC 5/9490 CVG SID CINCINNATI/NORTHERN KENTUCKY INTL, COVINGTON, KY. RHOMM TWO DEPARTURE...BECKLEY TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. BKW VOR OUT OF SERVICE. 1511061650-1512111650EST.

DANVILLE

Stuart Powell Field

FDC 5/9061 DVK IAP STUART POWELL FIELD, DANVILLE, KY. LOC/DME RWY 30, AMDT 1C...NDB-A, AMDT 8...NOTE: NIGHT LANDING: RWY 1, 19 NA. 1509111240-1603091240EST.

FDC 5/9059 DVK IAP STUART POWELL FIELD, DANVILLE, KY. RNAV (GPS) RWY 30, ORIG...NOTE: NIGHT LANDING: RWY 1, 19 NA. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. 1509111240-1603091240EST.

FDC 5/9057 DVK IAP STUART POWELL FIELD, DANVILLE, KY. RNAV (GPS) RWY 12, ORIG...NOTE: NIGHT LANDING: RWY 1, 19 NA. CHANGE HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1509111240-1603091240EST.

FRANKFORT

Capital City

FDC 5/4478 FFT ODP CAPITAL CITY, FRANKFORT, KY. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3...NOTE: RWY 7, POLE 1486 FT FROM DER, 568 FT LEFT OF CENTERLINE, 30 FT AGL/833 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1510091833-1605201833EST.

GLASGOW

Glasgow Muni

FDC 5/3041 GLW IAP GLASGOW MUNI, GLASGOW, KY. RNAV (GPS) RWY 26, AMDT 2...NOTE: DESCENT ANGLE 3.00/TCH 40 NA. 1507091737-1601051737EST.

FDC 5/3030 GLW IAP GLASGOW MUNI, GLASGOW, KY. SDF RWY 8, AMDT 11...VOR/DME RWY 8, AMDT 9...NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1507091732-1601051732EST.

FDC 5/0520 GLW IAP GLASGOW MUNI, GLASGOW, KY. VOR/DME RWY 8, AMDT 9...PROCEDURE NA. 1511092125-1605072125EST.

GREENVILLE

Muhlenberg County

FDC 5/1947 M21 IAP MUHLENBERG COUNTY, GREENVILLE, KY. RNAV (GPS) RWY 24, AMDT 1B...VDA NA. 1510231732-1605271732EST.

HENDERSON

Henderson City-County

FDC 5/8044 EHR IAP HENDERSON CITY-COUNTY, HENDERSON, KY. VOR-A, AMDT 10...CIRCLING CAT D MDA 980/HAA 594. 1509301301-1604181301EST.

FDC 5/8042 EHR IAP HENDERSON CITY-COUNTY, HENDERSON, KY. RNAV (GPS) RWY 27, AMDT 1...RNAV (GPS) RWY 9, AMDT 1...CIRCLING CAT D MDA 980/HAA 593. 1509301259-1604181259EST.

LEWISPORT

Hancock Co-Ron Lewis Field

FDC 5/4457 KY8 IAP HANCOCK CO-RON LEWIS FIELD, LEWISPORT, KY. RNAV (GPS) RWY 5, AMDT 1A...DESCENT ANGLE 3.00/TCH 35 NA. CIRCLING CAT A MDA 1040/HAA 628. TEMPORARY CRANE 682 MSL 3227 FT SE OF RWY 23. 1510091823-1605201823EST.

FDC 5/4455 KY8 IAP HANCOCK CO-RON LEWIS FIELD, LEWISPORT, KY. RNAV (GPS) RWY 23, AMDT 1A...LNAV MDA 1000/HAT 588 ALL CATS. VIS CAT C 1 3/4. CIRCLING CAT A MDA 1040/HAA 628. TEMPORARY CRANE 682 MSL 3227 FT SE OF RWY 23. 1510091821-1605201821EST.

LEXINGTON

Saint Joseph Hospital

FDC 5/6625 88KY IAP SAINT JOSEPH HOSPITAL, LEXINGTON, KY. (SPECIAL) COPTER RNAV 184 DEPARTURE ORIG...PROCEDURE NA. 1509251829-1605131829EST.

FDC 2/9343 88KY FI/T SPECIAL SAINT JOSEPH HOSPITAL, LEXINGTON, KY. (SPECIAL) COPTER RNAV 004, ORIG.PROCEDURE NA.

Uk Hospital

FDC 5/9883 37KY IAP UK HOSPITAL, LEXINGTON, KY. (SPECIAL) COPTER RNAV 004 ORIG...(SPECIAL) COPTER RNAV 184 ORIG...PROCEDURE NA 1508261949-1602221949EST.

LOUISVILLE

Bowman Field

FDC 5/2367 LOU IAP BOWMAN FIELD, LOUISVILLE, KY. NDB RWY 33, AMDT 16A...RNAV (GPS) RWY 33, ORIG-A...NOTE: RWY 33 STRAIGHT-IN AND CIRCLING AND CIRCLING TO RWY 15 NA AT NIGHT. 1510261217-1604231217EST.

FDC 5/2361 LOU IAP BOWMAN FIELD, LOUISVILLE, KY. RNAV (GPS) RWY 33, ORIG-A...LP MDA 980/HAT 453. 1510261209-1604231209EST.

Louisville Intl-Standiford Field

FDC 5/8104 SDF IAP LOUISVILLE INTL-STANDIFORD FIELD, LOUISVILLE, KY. ILS OR LOC RWY 17R, AMDT 3E...CIRCLING CAT D MDA 1400/HAA 899, VISIBILITY 3. THIS IS ILS OR LOC RWY 17R, AMDT 3F. 1510161729-PERM.

FDC 5/7640 SDF IAP LOUISVILLE INTL-STANDIFORD FIELD, LOUISVILLE, KY. RNAV (RNP) Z RWY 35L, AMDT 1A...RNP 0.12 DA 867/403 ALL CATS, VISIBILITY ALL CATS RVR 4500. DISREGARD NOTE: FOR INOPERATIVE ALSF-2, INCREASE RNP 0.12 ALL CATS VISIBILITY TO RVR 5000 AND RNP 0.30 ALL CATS VISIBILITY TO 1 1/2 MILES. 1507201245-1601161245EST.

FDC 5/7089 SDF IAP LOUISVILLE INTL-STANDIFORD FIELD, LOUISVILLE, KY. ILS OR LOC RWY 35L, AMDT 3D...ILS RWY 35L (SA CAT I), AMDT 3D...ILS RWY 35L (CAT II AND III), AMDT 3D...CIRCLING D MDA 1400/HAA 899, VISIBILITY 3. THIS IS ILS OR LOC RWY 35L, AMDT 3D...ILS RWY 35L (SA CAT I), AMDT 3D...ILS RWY 35L (CAT II AND III), AMDT 3E. 1510151151-PERM.

FDC 5/7088 SDF IAP LOUISVILLE INTL-STANDIFORD FIELD, LOUISVILLE, KY. ILS OR LOC RWY 17L, AMDT 4D...ALTERNATE MINIMUMS: ILS: CATS A, B 900-2, CAT C 900-2 1/2, CAT D 900-3. LOC: CATS A, B 900-2, CAT C 900-2 1/2, CAT D 900-3. THIS IS ILS OR LOC RWY 17L, AMDT 4E. 1510151150-PERM.

FDC 5/5911 SDF STAR LOUISVILLE INTL STANDIFORD FIELD, LOUISVILLE, KY. DARBY FOUR ARRIVAL DME OR RNAV REQUIRED FOR LOZ AND UNCKL TRANSITIONS, BWG VORTAC 066 RADIAL UNUSABLE BELOW FL230. 1502231703-1602231703.

FDC 5/0651 SDF ODP LOUISVILLE INTL-STANDIFORD FIELD, LOUISVILLE, KY. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 5...NOTE: RWY 35L, ROLLER COASTER 2946 FT FROM DER, 239 FT RIGHT OF CENTERLINE, 100 FT AGL/571 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1509151414-1603131414EST.

FDC 2/6449 SDF FI/T STAR LOUISVILLE INTL-STANDIFORD FIELD MBELL ONE ARRIVAL: 250K RESTRICTION AT MBELL NOT APPLICABLE UFA.

MANCHESTER

Manchester Memorial Hospital

FDC 5/9228 4KY2 SPECIAL MANCHESTER MEMORIAL HOSPITAL, MANCHESTER, KY. COPTER RNAV 321 DEPARTURE, ORIG...PROCEDURE NA. 1510011331-1605231331EST.

MIDDLESBORO

Arh

FDC 1/2864 65KY FI/T SPECIAL APPALACHIAN REGIONAL HOSPITAL, MIDDLESBORO, KY. (SPECIAL) COPTER RNAV (GPS) 255, AMDT 1.H-255 MDA 2000/HAS 701.

PRESTONSBURG

Big Sandy Rgnl

FDC 5/9696 SJS IAP BIG SANDY RGNL, PRESTONSBURG, KY. VOR/DME-A, AMDT 3...ALTERNATE MINIMUMS NA, ECB VORTAC UNMONITORED. 1510210012-1511200012EST.

PRINCETON

Princeton-Caldwell County

FDC 5/8602 2M0 IAP PRINCETON-CALDWELL COUNTY, PRINCETON, KY. RNAV (GPS) RWY 23, ORIG...DISREGARD NOTE: CIRCLING TO RWY 5 NA AT NIGHT.. 1507212046-1601172046EST.

FDC 5/8601 2M0 IAP PRINCETON-CALDWELL COUNTY, PRINCETON, KY. RNAV (GPS) RWY 5, ORIG...DISREGARD NOTE: STRAIGHT-IN AND CIRCLING RWY 5 PROCEDURE NA AT NIGHT.. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA.. 1507212046-1601172046EST.

RUSSELLVILLE

Russellville-Logan County

FDC 5/9956 4M7 IAP RUSSELLVILLE-LOGAN COUNTY, RUSSELLVILLE, KY. VOR/DME RWY 24, AMDT 7A...PROCEDURE NA. 1508262032-1602222032EST.

SPRINGFIELD

Lebanon Springfield-George Hoerter Field

FDC 5/8232 6I2 IAP LEBANON-SPRINGFIELD, SPRINGFIELD, KY. RNAV (GPS) RWY 29, ORIG-C...DESCENT ANGLE 3.00/TCH 40 NA. 1509301356-1604181356EST.

FDC 5/8121 6I2 IAP LEBANON-SPRINGFIELD, SPRINGFIELD, KY. RNAV (GPS) RWY 11, ORIG-B...DESCENT ANGLE 3.00/TCH 36 NA.. 1509301354-1604181354EST.

TOMPKINSVILLE

Tompkinsville-Monroe County

FDC 5/5699 TZV IAP TOMPKINSVILLE-MONROE COUNTY, TOMPKINSVILLE, KY. RNAV (GPS) RWY 22, AMDT 1A...LPV DA 1385 DA/HAT 349, VISIBILITY CATS A/B/C 1 1/4. LNAV/VNAV DA CATS A/B/C 1593/HAT 557, VISIBILITY CATS A-C 2. LNAV MDA CATS A/B/C 1620 /HAT 584, VISIBILITY CAT C 1 3/4. CIRCLING MDA CATS A/B/C 1680/HAA 644, VISIBILITY CAT C 1 3/4. TERMINAL ROUTE CENUD (IAF) TO CAVAS (IF) 4000 NOPT. MINIMUM ALTITUDE/HOLDING AT CAVAS (IF/IAF) 4000. MISSED APPROACH: CLIMB TO 4000 DIRECT UCASO AND HOLD. DISREGARD NOTE: BARO-VNAV NA WHEN USING GLASGOW ALTIMETER SETTING. DISREGARD FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA NOTE. CHANGE ALTIMETER SETTING NOTE TO READ: USE GLASGOW ALTIMETER SETTING, WHEN NOT RECEIVED, PROCEDURE NA. NOTE: BARO-VNAV NA. CHANGE CIRCLING TO RWY 4 NA AT NIGHT NOTE TO READ: NIGHT LANDING: RWY 4 NA. DISREGARD AWOS-AV CHARTED AS 123.050. VDP NA. DESCENT ANGLE 3.00/TCH 30 NA. CHART GLASGOW AWOS. 1509241442-1603221442EST.

FDC 5/5698 TZV IAP TOMPKINSVILLE-MONROE COUNTY, TOMPKINSVILLE, KY. RNAV (GPS) RWY 4, AMDT 1A...LNAV MDA 1600/HAT 566 ALL CATS. VISIBILITY CAT C 1 3/4. CIRCLING MDA 1680/HAA 644, VISIBILITY CAT C 1 3/4. DISREGARD AWOS-AV CHARTED AS 123.050. CHANGE ALTIMETER SETTING NOTE TO READ: USE GLASGOW ALTIMETER SETTING, WHEN NOT RECEIVED, PROCEDURE NA. CHANGE STRAIGHT-IN AND CIRCLING RWY 4 PROCEDURE NA AT NIGHT NOTE TO READ: NIGHT LANDING: RWY 4 NA. TERMINAL ROUTE LVT VORTAC TO UCASO (IF/IAF) MINIMUM ALTITUDE 4000. TERMINAL ROUTE GARVY (IAF) TO UCASO (IF) MINIMUM ALTITUDE 4000 NOPT. TERMINAL ROUTE HARME (IAF) TO UCASO (IF) MINIMUM ALTITUDE 4000 NOPT. MINIMUM ALTITUDE/HOLDING AT UCASO (IF/IAF) 4000. MISSED APPROACH: CLIMB TO 4000 DIRECT CAVAS AND HOLD. CHART GLASGOW AWOS. 1509241442-1603221442EST.

WHITESBURG

Appalachian Rgnl Hospital

FDC 5/0035 51KY IAP APPALACHIAN RGNL HOSPITAL, WHITESBURG, KY. IROZU ONE DEPARTURE (RNAV)...USE OF PROCEDURE NOT AUTHORIZED. 1508262118-1602222118EST.

WILLIAMSBURG

Williamsburg-Whitley County

FDC 5/8775 BYL ODP WILLIAMSBURG-WHITLEY COUNTY, WILLIAMSBURG, KY. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TAKEOFF MINIMUMS: RWY 2, 300-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 267 FT PER NM TO 1500. ALL OTHER DATA REMAINS AS PUBLISHED. 1508061645-1602021645EST.

LOUISIANA

ABBEVILLE

Abbeville Chris Crusta Memorial

FDC 5/9164 IYA IAP ABBEVILLE CHRIS CRUSTA MEMORIAL, ABBEVILLE, LA. RNAV (GPS) RWY 34, AMDT 1A...LPV AND LNAV/VNAV NA. 1506161416-1512131416EST.

ALEXANDRIA

Alexandria Intl

FDC 5/5239 AEX IAP ALEXANDRIA INTL, ALEXANDRIA, LA. VOR/DME RWY 14, ORIG-B...S-14 VISIBILITY CAT A/B/C 3/4 MILE. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1509232222-1604212222EST.

AMELIA

Lake Palourde Base

FDC 5/4219 7LS3 IAP LAKE PALOURDE BASE, AMELIA, LA. COPTER GPS 333, AMDT 1...COPTER GPS 016, ORIG...COPTER RNAV (GPS) 092, ORIG...COPTER GPS 196, ORIG...COPTER GPS 285, ORIG...IFR DEPARTURE NA. 1507131534-1602091534EST.

BATON ROUGE

Baton Rouge Metropolitan, Ryan Field

FDC 5/8782 BTR IAP BATON ROUGE METROPOLITAN, RYAN FIELD, BATON ROUGE, . VOR/DME RWY 22R, AMDT 9...TERMINAL ROUTE WALK TO AROLL: RADAR REQUIRED FOR PROCEDURE ENTRY EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 1510191546-1604161546EST.

FDC 5/5827 BTR IAP BATON ROUGE METROPOLITAN, RYAN FIELD, BATON ROUGE, LA. ILS OR LOC/DME RWY 22R, AMDT 12...ILS RWY 22R (SA CAT I AND II) AMDT 12...CHANGE FIRNO / I-CLZ 6.6 DME TO READ: FIRNO / I-CLZ 6.6 DME / LSU VORTAC 13.6 DME. NOTE: RADAR REQUIRED FOR PROCEDURE ENTRY 1508200910-1602160910EST.

FDC 5/2738 BTR ODP BATON ROUGE METROPOLITAN, RYAN FIELD, BATON ROUGE, LA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1B...TAKE-OFF MINIMUMS: RWY 4L, 22R NA-ENVIRONMENTAL. ALL OTHER DATA REMAINS AS PUBLISHED. 1509171743-1604151743EST.

BOGALUSA

George R Carr Memorial Air Fld

FDC 5/1114 BXA IAP GEORGE R CARR MEMORIAL AIR FLD, BOGALUSA, LA. RNAV (GPS) RWY 18, AMDT 1A...DELETE PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE 3.00/TCH 50). THIS IS RNAV (GPS) RWY 18, AMDT 1B. 1510051932-PERM.

BOOTHVILLE

Boothville

FDC 5/4225 LS08 SPECIAL BOOTHVILLE, BOOTHVILLE, LA. COPTER RNAV (GPS) 116, ORIG...COPTER RNAV (GPS) 331, ORIG...IFR DEPARTURE NA. 1507131534-1602091534EST.

FDC 5/2385 LS08 SPECIAL BOOTHVILLE, BOOTHVILLE, LA. COPTER RNAV (GPS) 183 DEPARTURE...PROCEDURE NA. TOWER, 334 FT MSL, 3779 FEET SOUTHEAST OF HELIPORT. 1509010140-1602280140EST.

FDC 5/2384 LS08 SPECIAL BOOTHVILLE, BOOTHVILLE, LA. COPTER RNAV (GPS) 331, ORIG...H-331 MDA 500/HAS 480. TOWER, 370 MSL, 1887 FEET NORTH OF HELIPORT. 1509010140-1602280140EST.

FDC 5/2383 LS08 SPECIAL BOOTHVILLE, BOOTHVILLE, LA. COPTER RNAV (GPS) 116, ORIG...H-116 MDA 560/HAS 540. TOWER, 370 MSL, 1887 FEET NORTH OF HELIPORT. 1509010140-1602280140EST.

CAMERON

Cagc Dock

FDC 5/9686 LA78 SPECIAL CAGC DOCK, CAMERON, LA. COPTER GPS 357, ORIG...H-357 MDA 820/HAS 816. LAKE CHARLES ALTIMETER SETTING: MDA 860/HAS 856. 1511061906-1605041906EST.

FDC 5/4224 LA78 IAP CAGC DOCK, CAMERON, LA. COPTER GPS 357, ORIG...COPTER GPS 087, ORIG...COPTER GPS 182, ORIG...COPTER RNAV (GPS) 177, AMDT 1...IFR DEPARTURE NA. 1507131534-1602091534EST.

Era Helicopters Cameron Base

FDC 5/9790 24LA SPECIAL ERA HELICOPTERS CAMERON BASE, CAMERON, LA. COPTER GPS 087, ORIG...COPTER GPS 182, ORIG...COPTER GPS 357, ORIG...PROCEDURE NA. 1508080027-1603030027EST.

FDC 5/9685 24LA SPECIAL ERA HELICOPTERS CAMERON BASE, CAMERON, LA. COPTER GPS 357, ORIG...H-357 MDA 820/HAS 816. LAKE CHARLES ALTIMETER SETTING: MDA 860/HAS 856. 1511061906-1605041906EST.

FDC 5/4216 24LA SPECIAL ERA HELICOPTERS CAMERON BASE, CAMERON, LA. COPTER GPS 087, ORIG...COPTER GPS 182, ORIG...COPTER GPS 357, ORIG...COPTER RNAV (GPS) 177, AMDT 1...IFR DEPARTURE NA. 1507131534-1602091534EST.

FDC 5/0224 24LA SPECIAL ERA HELICOPTERS CAMERON BASE, CAMERON, LA. COPTER GPS 087, ORIG...COPTER GPS 182, ORIG...COPTER GPS 357, ORIG...COPTER RNAV (GPS) 177, AMDT 1...IFR DEPARTURE NA. 1508101434-1602061434EST.

Evergreen

FDC 5/9684 13LA SPECIAL EVERGREEN, CAMERON, LA. COPTER GPS 357, ORIG...H-357 MDA 820/HAS 816. LAKE CHARLES ALTIMETER SETTING: MDA 860/HAS 856. 1511061906-1605041906EST.

FDC 5/9487 13LA SPECIAL EVERGREEN, CAMERON, LA. COPTER GPS 087, ORIG...COPTER GPS 182, ORIG...COPTER GPS 357, ORIG...COPTER RNAV (GPS) 177, AMDT 1...IFR DEPARTURE NA. 1505291435-1512251434EST.

Mobil Cameron

FDC 5/9681 81LA SPECIAL MOBIL CAMERON, CAMERON, LA. COPTER GPS 357, ORIG...H-357 MDA 820/HAS 816. LAKE CHARLES ALTIMETER SETTING: MDA 860/HAS 856. 1511061906-1605041906EST.

FDC 5/0481 81LA SPECIAL MOBIL CAMERON, CAMERON, . COPTER GPS 087, ORIG...COPTER GPS 182, ORIG...COPTER GPS 357, ORIG...COPTER RNAV (GPS) 177, AMDT 1...IFR DEPARTURE NA 1508102003-1602062003EST.

Petroleum Helicopters Cameron

FDC 5/9682 7LA5 SPECIAL PETROLEUM HELICOPTERS CAMERON, CAMERON, LA. COPTER GPS 357, ORIG...H-357 MDA 820/HAS 816. LAKE CHARLES ALTIMETER SETTING: MDA 860/HAS 856. 1511061906-1605041906EST.

FDC 5/0773 7LA5 SPECIAL PETROLEUM HELICOPTERS CAMERON, CAMERON, . COPTER GPS 087, ORIG...COPTER GPS 182, ORIG...COPTER GPS 357, ORIG...COPTER RNAV (GPS) 177, AMDT 1...IFR DEPARTURE NA 1508111434-1602071434EST.

DE QUINCY

De Quincy Industrial Airpark

FDC 5/5737 5R8 IAP DE QUINCY INDUSTRIAL AIRPARK, DE QUINCY, LA. RNAV (GPS) RWY 16, AMDT 2...RNAV (GPS) RWY 34, AMDT 2...VOR/DME RWY 34, AMDT 3...NOTE: NIGHT LANDING: RWY 16 NA. 1509050458-1604040458EST.

DE RIDDER

Beauregard Rgnl

FDC 5/9094 DRI ODP BEAUREGARD RGNL, DE RIDDER, LA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 4...TAKE-OFF MINIMUMS: RWY 32, 300-2 1/4 OR STANDARD WITH MINIMUM CLIMB OF 211 FT PER NM TO 600. NOTE: RWY 32, TOWER 1.8NM FROM DER, 1400 FEET RIGHT OF CENTERLINE, 275 FEET AGL/479 FEET MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1506161345-1601131345EST.

EUNICE

Eunice

FDC 5/0813 4R7 IAP EUNICE, EUNICE, LA. RNAV (GPS) RWY 34, ORIG...DESCENT ANGLE 3.00/TCH 45 NA. 1509151559-1604131558EST.

GONZALES

Louisiana Rgnl

FDC 5/7278 L38 IAP LOUISIANA RGNL, GONZALES, LA. RNAV (GPS) RWY 17, AMDT 1B...DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 17 PROCEDURE NA AT NIGHT. CHANGE HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1509091513-1603071513EST.

FDC 5/7276 L38 IAP LOUISIANA RGNL, GONZALES, LA. RNAV (GPS) RWY 35, AMDT 1A...DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 35 PROCEDURE NA AT NIGHT. CHANGE HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1509091508-1603071508EST.

GRAND ISLE

Era Helicopters Fourchon Helibase

FDC 5/9098 09LA SPECIAL ERA HELICOPTERS
FOURCHON HELIBASE, GRAND ISLE, LA. COPTER
VOR/DME 094, AMDT 2...COPTER VOR/DME 274,
AMDT 3...IFR DEPARTURE NA
1506161346-1601131346EST.

Exxon

FDC 5/7264 0LA7 SPECIAL EXXON, GRAND ISLE,
LA. COPTER GPS 117, ORIG...COPTER GPS 297,
ORIG...IFR DEPARTURE NA.
1506290134-1601260133EST.

INTRACOASTAL CITY

Bristow (Intracoastal City)

FDC 5/4223 LA09 IAP BRISTOW (INTRACOASTAL
CITY), INTRACOASTAL CITY, LA. COPTER GPS 299,
ORIG...COPTER GPS 119, ORIG...COPTER RNAV (GPS)
180, AMDT 1...COPTER RNAV (GPS) 274, AMDT 1...IFR
DEPARTURE NA. 1507131534-1602091534EST.

Chevron Intracoastal

FDC 5/7257 1LA9 SPECIAL CHEVRON
INTRACOASTAL, INTRACOASTAL CITY, LA. COPTER
GPS 119, ORIG...COPTER GPS 299, ORIG...IFR
DEPARTURE NA. 1506290109-1601260109EST.

Petroleum Helicopters-Intracoastal City

FDC 5/4233 7LS4 SPECIAL PETROLEUM
HELICOPTERS-INTRACOASTAL CITY,
INTRACOASTAL CITY, LA. COPTER GPS 299,
ORIG...COPTER GPS 119, ORIG...IFR DEPARTURE NA.
1507131534-1602091534EST.

LAFAYETTE

Lafayette Rgnl/Paul Fournet Field

FDC 5/9343 LFT ODP LAFAYETTE RGNL/PAUL
FOURNET FIELD, LAFAYETTE, LA. TAKEOFF
MINIMUMS AND (OBSTACLE) DEPARTURE
PROCEDURES AMDT 2A...NOTE: RWY 29,
CONSTRUCTION EQUIPMENT 460 FT FROM
DEPARTURE END OF RWY, 481 FT LEFT OF
CENTERLINE, 35 FT AGL/ 70 FT MSL. TEMPORARY
CRANE 1276 FT FROM DEPARTURE END OF RWY,
524 FT LEFT OF CENTERLINE, 52 FT AGL/84 FT MSL.
ALL OTHER DATA REMAINS AS PUBLISHED.
1507231116-1601191114EST.

LEEVILLE

Chevron Usa Inc

FDC 5/9108 4LA4 SPECIAL CHEVRON USA INC,
LEEVILLE, LA. COPTER GPS 359, ORIG...H-359 MDA
660/HAS 653. NEW ORLEANS MOISANT FIELD
ALTIMETER SETTING: H-359 MDA 780/HAS 773..
NOTE: INCREASE TO 90 KIAS UPON REACHING
MISSED APPROACH ALTITUDE..
1508261207-1602221207EST.

FDC 5/4539 4LA4 SPECIAL CHEVRON USA INC,
LEEVILLE, LA. COPTER GPS 359, ORIG...COPTER
VOR/DME 094, AMDT 2...COPTER VOR/DME 274,
AMDT 3...IFR DEPARTURE NA.
1505202156-1512162156EST.

FDC 5/7531 9LA3 SPECIAL , LEEVILLE, LA. COPTER
RNAV (GPS) 180, AMDT 1...COPTER RNAV (GPS) 274,
AMDT 1...PROCEDURE NA. IFR DEPARTURE NA.
1511032125-1605012125EST.

MINDEN

Minden

FDC 5/9461 MNE IAP MINDEN, MINDEN, LA. RNAV
(GPS) RWY 19, ORIG-A...DESCENT ANGLE 3.00/TCH
40 NA.. 1508071706-1603031706EST.

MORGAN CITY

Mobil

FDC 5/4217 5LA2 IAP MOBIL, MORGAN CITY, LA.
COPTER GPS 333, AMDT 1...COPTER GPS 016,
ORIG...COPTER RNAV (GPS) 092, ORIG...COPTER GPS
196, ORIG...COPTER GPS 285, ORIG...IFR DEPARTURE
NA. 1507131534-1602091534EST.

Texaco

FDC 5/9791 9LA4 SPECIAL TEXACO, MORGAN CITY,
LA. COPTER GPS 016, ORIG...COPTER GPS 196,
ORIG...COPTER GPS 285, ORIG...COPTER RNAV (GPS)
092, ORIG...PROCEDURE NA.
1508080027-1603030027EST.

FDC 5/4221 9LA4 IAP TEXACO, MORGAN CITY, LA.
COPTER GPS 016, ORIG...COPTER GPS 092,
ORIG...COPTER GPS 196, ORIG...COPTER GPS 285,
ORIG...COPTER GPS 333, AMDT 1...IFR DEPARTURE
NA. 1507131534-1602091534EST.

NEW ORLEANS

Lakefront

FDC 5/2080 NEW IAP LAKEFRONT, NEW ORLEANS, LA. RNAV (GPS) RWY 36L, ORIG...LPV VIS 1 1/8 ALL CATS. LNAV/VNAV VIS 1 3/8 ALL CATS. LNAV MDA 600/HAT 592 ALL CATS, VIS CAT C/D 1 3/4. CIRCLING CAT A/B/C MDA 600/HAA 592, VIS CAT C 1 3/4. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART FAS OBST: 299 TOWER 295953N/0900150W. 34:1 IS CLEAR. CHART VDP AT 1.7 MILES TO RW36L*. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOTE RECEIVED, USE LOUIS ARMSTRONG NEW ORLEANS INTL ALTIMETER SETTING: INCREASE LPV DA TO 369 FT, LNAV/VNAV DA TO 460 FT AND ALL VISIBILITIES 1/8 MILE; INCREASE ALL MDA 40 FT AND CIRCLING CAT D VISIBILITY 1/4 MILE. THIS IS RNAV (GPS) RWY 36L, ORIG-A. 1511121637-PERM.

Louis Armstrong New Orleans Intl

FDC 5/8914 MSY IAP LOUIS ARMSTRONG NEW ORLEANS INTL, NEW ORLEANS, LA. VOR/DME RWY 11, AMDT 1...TERMINAL ROUTE TBD VORTAC TO HIVAP INT: NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 1510191836-1604161836EST.

FDC 5/8913 MSY IAP LOUIS ARMSTRONG NEW ORLEANS INTL, NEW ORLEANS, . ILS OR LOC RWY 2, AMDT 18...TERMINAL ROUTE OLEDD TO ROYUL: RADAR REQUIRED FOR PROCEDURE ENTRY EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.. 1510191836-1604161836EST.

FDC 5/8263 MSY IAP LOUIS ARMSTRONG NEW ORLEANS INTL, NEW ORLEANS, LA. ILS RWY 11 (CAT II & III)...PROCEDURE NA. EXCEPT WHEN ADVISED BY ATCT THAT THIS CRANE IS DOWN. MULTIPLE CRANES, BEGINNING 1529 FEET NW OF APPROACH END RWY 29, 166 MSL, 2015-ASW-3598, 3599, 3600, 3605-NRA 1511041953-1601051953EST.

FDC 5/8262 MSY IAP LOUIS ARMSTRONG NEW ORLEANS INTL, NEW ORLEANS, LA. ILS RWY 11 (SA CAT I)...PROCEDURE NA. EXCEPT WHEN ADVISED BY ATCT THAT THIS CRANE IS DOWN. MULTIPLE CRANES, BEGINNING 1529 FEET NW OF APPROACH END RWY 29, 166 MSL, 2015-ASW-3598, 3599, 3600, 3605-NRA 1511041953-1601051953EST.

FDC 5/6580 MSY IAP LOUIS ARMSTRONG NEW ORLEANS INTL, NEW ORLEANS, LA. RNAV (GPS) Y RWY 29, AMDT 4...LPV DA 297/HAT295 ALL CATS. MULTIPLE CRANES, BEGINNING 1529 FEET NW OF APPROACH END RWY 29, 166 MSL, 2015-ASW-3598, 3599, 3600, 3605-NRA. 1511021432-1601051432EST.

FDC 5/6579 MSY IAP LOUIS ARMSTRONG NEW ORLEANS INTL, NEW ORLEANS, LA. ILS OR LOC RWY 29, AMDT 10...S-ILS 29 DA 296/HAT 294 ALL CATS. KENLE FIX MINIMUMS NA MULTIPLE CRANES, BEGINNING 1529 FEET NW OF APPROACH END RWY 29, 166 MSL, 2015-ASW-3598, 3599, 3600, 3605-NRA. 1511021432-1601051432EST.

FDC 5/6578 MSY IAP LOUIS ARMSTRONG NEW ORLEANS INTL, NEW ORLEANS, LA. LOC RWY 20, AMDT 3...SHORE FIX MINIMUMS: S-20 MDA 460/HAT 461 ALL CATS. VIS CATS C/D RVR 6000. VDP AT 1.11 DME; DISTANCE VDP TO THLD 1.28 MILES. MULTIPLE CRANES, BEGINNING 1529 FEET NW OF APPROACH END RWY 29, 166 MSL, 2015-ASW-3598, 3599, 3600, 3605-NRA. 1511021432-1601051432EST.

FDC 5/3642 MSY IAP LOUIS ARMSTRONG NEW ORLEANS INTL, NEW ORLEANS, LA. RNAV (GPS) RWY 2, AMDT 2...LNAV/VNAV DA 550/HAT 548, VISIBILITY ALL CATS 1 7/8. LNAV MDA 500/HAT 498 ALL CATS. VDP 1.4 NM TO RWY 2. 1510271912-1604241910EST.

FDC 5/3590 MSY ODP LOUIS ARMSTRONG NEW ORLEANS INTL, NEW ORLEANS, LA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...DEPARTURE PROCEDURE. TAKE-OFF MINIMUMS RWY 20 300-2 OR STANDARD WITH A MINIMUM CLIMB OF 206 PER NM TO 400. TEMPORARY CRANE 244 MSL 1.91 NM S OF AIRPORT. 1510271833-1604241833EST.

FDC 5/1262 MSY IAP LOUIS ARMSTRONG NEW ORLEANS INTL, NEW ORLEANS, LA. ILS OR LOC RWY 11, AMDT 3...S-LOC 11: DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, KINTE (MS) LOM OUT OF SERVICE. 1510221510-1604191508EST.

OPELOUSAS

St Landry Parish-Ahart Field

FDC 5/5175 OPL IAP ST LANDRY PARISH-AHART FIELD, OPELOUSAS, LA. VOR/DME RWY 36, AMDT 1...NOTE: NIGHT LANDING: RWY 6, 24 NA. 1510292017-1604262017EST.

PORT FOURCHON

Phi Fourchon Base

FDC 5/4227 LS99 SPECIAL PHI FOURCHON BASE, PORT FOURCHON, LA. COPTER RNAV (GPS) 180, AMDT 1...COPTER RNAV (GPS) 274, AMDT 1...IFR DEPARTURE NA. 1507131534-1602091534EST.

RUSTON

Ruston Rgnl

FDC 5/1383 RSN IAP RUSTON RGNL, RUSTON, LA.
RNAV (GPS) RWY 36, ORIG-A...LPV DA NA.
LNAV/VNAV DA NA. 1510061342-1604031342EST.

SHREVEPORT

Shreveport Rgnl

FDC 5/4176 SHV IAP SHREVEPORT RGNL,
SHREVEPORT, LA. ILS OR LOC RWY 14, AMDT
25...S-LOC 14: DME REQUIRED EXCEPT FOR
AIRCRAFT EQUIPPED WITH SUITABLE RNAV
SYSTEM WITH GPS, DTN VOR OUT OF SERVICE.
1510281509-1604251509EST.

FDC 5/2903 SHV IAP SHREVEPORT RGNL,
SHREVEPORT, LA. RNAV (GPS) RWY 6, AMDT
2A...LPV DA 586/HAT 349 ALL CATS. VISIBILITY 1 1/8
ALL CATS. LNAV/VNAV DA 629/HAT 392.
1509011708-1602281707EST.

SLIDELL

Slidell

FDC 5/9025 ASD IAP SLIDELL, SLIDELL, LA. RNAV
(GPS) RWY 18, ORIG-A...DELETE NOTE: WHEN VGSI
INOP, STRAIGHT-IN/CIRCLING RWY 18 PROCEDURE
NA AT NIGHT. DELETE NOTE: VISIBILITY
REDUCTION BY HELICOPTERS NA. CHART NOTE:
HELICOPTER VISIBILITY REDUCTION BELOW 1 SM
NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 18
ORIG-B. 1510192209-PERM.

FDC 5/9023 ASD IAP SLIDELL, SLIDELL, LA. RNAV
(GPS) RWY 36, ORIG-B...DELETE NOTE: WHEN VGSI
INOP, STRAIGHT-IN/CIRCLING RWY 36 PROCEDURE
NA AT NIGHT. DELETE NOTE: VISIBILITY
REDUCTION BY HELICOPTERS NA. CHART NOTE:
HELICOPTER VISIBILITY REDUCTION BELOW 3/4
SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 36
ORIG-C. 1510192209-PERM.

FDC 5/9020 ASD IAP SLIDELL, SLIDELL, LA.
VOR/DME RWY 18, AMDT 4A...DELETE NOTE: WHEN
VGSI INOP, STRAIGHT-IN/CIRCLING RWY 18
PROCEDURE NA AT NIGHT. CHART NOTE: NIGHT
LANDING RWY 18 NA. CHART NOTE: HELICOPTER
VISIBILITY REDUCTION BELOW 1 SM NOT
AUTHORIZED. THIS IS VOR/DME RWY 18, AMDT 4B.
1510192209-PERM.

FDC 5/3941 ASD IAP SLIDELL, SLIDELL, LA.
VOR/DME RWY 18, AMDT 4A...NOTE: NIGHT
LANDING: RWY 18 NA. DISREGARD NOTE: WHEN
VGSI INOP, STRAIGHT-IN/CIRCLING RWY 18
PROCEDURE NA AT NIGHT.
1508180310-1603140309EST.

SPRINGHILL

Springhill

FDC 5/9530 SPH IAP SPRINGHILL, SPRINGHILL, LA.
RNAV (GPS) RWY 36, ORIG-A...LPV DA NA.
LNAV/VNAV DA NA. 1509111915-1603091915EST.

VENICE

Air Logistics (Venice) N

FDC 5/4232 45LA SPECIAL AIR LOGISTICS (VENICE)
N, VENICE, LA. COPTER GPS 326, ORIG...COPTER
GPS 146, ORIG...IFR DEPARTURE NA.
1507131534-1602091534EST.

Chevron Usa Inc

FDC 5/4222 8LA1 IAP CHEVRON USA INC, VENICE,
LA. COPTER GPS 146, ORIG...COPTER GPS 326,
ORIG...IFR DEPARTURE NA.
1507131534-1602091534EST.

Conoco Inc Venice

FDC 5/4228 8LA4 SPECIAL CONOCO INC VENICE,
VENICE, LA. COPTER GPS 146, ORIG...IFR
DEPARTURE NA. 1507131534-1602091534EST.

Era Helicopters Venice Base

FDC 5/4226 LS52 SPECIAL ERA HELICOPTERS
VENICE BASE, VENICE, LA. COPTER GPS 326,
ORIG...COPTER GPS 146, ORIG...IFR DEPARTURE NA.
1507131534-1602091534EST.

Phi Venice Heliport

FDC 5/5300 7LS1 IAP PHI VENICE HELIPORT,
VENICE, LA. COPTER VOR/DME 094, AMDT
2...COPTER VOR/DME 274, AMDT 3...IFR DEPARTURE
NA. 1508191558-1602151558EST.

FDC 5/4231 7LS1 IAP PHI VENICE HELIPORT,
VENICE, LA. COPTER GPS 326, ORIG...COPTER GPS
146, ORIG...IFR DEPARTURE NA.
1507131534-1602091534EST.

FDC 5/0488 7LS1 SPECIAL PHI VENICE HELIPORT,
VENICE, LA. COPTER GPS 326, ORIG...COPTER GPS
146, ORIG...IFR DEPARTURE NA
1508102020-1602062020EST.

MAINE

AUGUSTA

Augusta State

FDC 5/9340 AUG IAP AUGUSTA STATE, AUGUSTA, ME. RNAV (GPS) RWY 35, ORIG-A...CHANGE NOTE TO READ: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE AUBURN-LEWISTON ALTIMETER SETTING AND INCREASE ALL MDAS 71 FT AND ALL MDAS 80 FT, AND INCREASE LPV AND LNAV/VNAV ALL CATS, AND LNAV CATS C AND D, AND CIRCLING CAT C AND D VISIBILITY 1/4 MILE. NOTES: NIGHT LANDING: RWY 26, 35 NA. HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. 1509111533-1603091533EST.

FDC 5/9262 AUG IAP AUGUSTA STATE, AUGUSTA, ME. RNAV (GPS) RWY 8, AMDT 1...DESCENT ANGLE 3.00/TCH 40 NA. 1509111422-1603091422EST.

FDC 5/9031 AUG IAP AUGUSTA STATE, AUGUSTA, ME. ILS OR LOC RWY 17, AMDT 3...NOTE: NIGHT LANDING: RWY 26 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1509111227-1603091227EST.

FDC 5/9028 AUG IAP AUGUSTA STATE, AUGUSTA, ME. VOR/DME RWY 8, AMDT 12...NOTE: NIGHT LANDING: RWY 26 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1509111227-1603091227EST.

FDC 5/0355 AUG IAP AUGUSTA STATE, AUGUSTA, ME. RNAV (GPS)-B, ORIG-B...CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AUBURN-LEWISTON ALTIMETER SETTING AND INCREASE ALL MDAS 80FT, AND INCREASE CIRCLING CAT C AND D VISIBILITY 1/4 MILE. NOTE: NIGHT LANDING: RWY 26 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1509141829-1603121829EST.

BANGOR

Bangor Intl

FDC 5/9938 BGR IAP BANGOR INTL, BANGOR, ME. RADAR 1, AMDT 4D.....ASR RWY 33 MDA 720/HAT 557 ALL CATS. VIS CATS C/D/E RVR 6000. FAS OBST: 403 TOWER 444651N/0684457W. 1508262022-1602222022EST.

FDC 5/9260 BGR IAP U.S. DOD BANGOR INTL, BANGOR, ME. HI ILS OR LOC/DME RWY 15, AMDT 1A...DELETE ALL REFERENCE TO MIDDLE MARKER. 1510011344-1605231344EST.

Eastern Maine Medical Center

FDC 5/5184 ME02 SPECIAL EASTERN MAINE MEDICAL CENTER, BANGOR, ME. COPTER RNAV (GPS) 331, ORIG...PROCEDURE NA. 1509032029-1603012028EST.

BAR HARBOR

Hancock County-Bar Harbor

FDC 5/2568 BHB IAP HANCOCK COUNTY-BAR HARBOR, BAR HARBOR, ME. ILS OR LOC RWY 22, AMDT 6B...NOTE: DME OR RADAR REQUIRED. CHANGE DME REQUIRED PLANVIEW NOTE TO READ: DME OR RADAR REQUIRED. DISREGARD BGR VORTAC R-144 AT CDLAC INT/I-BHB 7.1 DME. CHANGE CDLAC INT/I-BHB 7.1 DME TO READ: CDLAC/I-BHB 7.1 DME. 1510261401-1604231401EST.

BIDDEFORD

Biddeford Muni

FDC 5/2310 B19 IAP BIDDEFORD MUNI, BIDDEFORD, ME. RNAV (GPS) RWY 6, ORIG...VOR RWY 6, ORIG-A...PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1509171401-1604041401EST.

BLUE HILL

Blue Hill Memorial Hospital

FDC 5/7574 ME15 SPECIAL BLUE HILL MEMORIAL HOSPITAL, BLUE HILL, ME. COPTER RNAV (GPS) 352, ORIG...PROCEDURE NA. 1511032151-1605012151EST.

BOOTHBAY

St Andrews Hospital Heliport

FDC 5/7570 ME97 IAP ST ANDREWS HOSPITAL HELIPORT, BOOTHBAY, ME. COPTER RNAV (GPS) 320, ORIG...PROCEDURE NA. 1511032146-1605012146EST.

BRUNSWICK

Brunswick Executive

FDC 4/5956 BXM IAP BRUNSWICK EXECUTIVE, BRUNSWICK, ME. RNAV (GPS) RWY 1R, AMDT 1.LPV DA 313 ALL CATS. LNAV/VNAV DA 410 ALL CATS. LNAV HAT 437 ALL CATS. CHART TDZE 63 DELETE THRE 62. THIS IS RNAV (GPS) RWY 1R, AMDT 1A. 1404211236-PERM.

DOVER-FOXCROFT

Mayo Rgnl Hospital

FDC 2/5082 ME43 FI/T IAP MAYO REGIONAL HOSPITAL, DOVER-FOXCRAFT, ME. (SPECIAL) COPTER RNAV (GPS) 120, ORIG.TERMINAL ROUTE CAPDA (IAF) TO CUDAL (IF) 3000. TERMINAL ROUTE COTEK (IAF) TO CUDAL (IF) 3000. MISSED APPROACH: CLIMBING LEFT TURN TO 3000 DIRECT ZOBOV AND HOLD.

EASTPORT

Eastport Muni

FDC 5/4473 EPM IAP EASTPORT MUNI, EASTPORT, ME. RNAV (GPS) RWY 33, ORIG-A...DESCENT ANGLE 3.32/40 TCH NA. 1510282101-1604252101EST.

ELIOT

Littlebrook Air Park

FDC 5/1056 3B4 IAP LITTLEBROOK AIR PARK, ELIOT, ME. VOR-A, AMDT 2...PROCEDURE NA. 1510051805-1604021805EST.

GREENVILLE

Greenville

FDC 5/8105 52B IAP GREENVILLE, GREENVILLE, ME. NDB-A, AMDT 5...PROCEDURE NA. 1509301352-1604181351EST.

Greenville Muni

FDC 5/3204 3B1 ODP GREENVILLE MUNI, GREENVILLE, ME. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TAKE-OFF MINIMUMS RWY 14, STANDARD WITH MINIMUM CLIMB OF 249 FT PER NM TO 3400. RWY 32, 700-2 OR STANDARD WITH MINIMUM CLIMB OF 425 FT PER NM TO 2300. NOTE: RWY 32, TOWER 70 FT FROM DER, 338 FT RIGHT OF CENTERLINE, 42 FT AGL/1422 MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1510271406-1606071405EST.

HOULTON

Houlton Intl

FDC 5/4845 HUL IAP HOULTON INTL, HOULTON, ME. RNAV (GPS) RWY 5, ORIG-A...VISUAL DESCENT ANGLE 3.00/43 TCH NA. 1506081453-1512051452EST.

LINCOLN

Lincoln Rgnl

FDC 5/2662 LRG IAP LINCOLN RGNL, LINCOLN, ME. RNAV (GPS) RWY 35, AMDT 1...DESCENT ANGLE 3.00/TCH 40 NA. 1510261640-1604231640EST.

FDC 5/2660 LRG IAP LINCOLN RGNL, LINCOLN, ME. RNAV (GPS) RWY 17, ORIG-A...DESCENT ANGLE 3.04/TCH 40 NA. 1510261639-1604231639EST.

MONHEGAN ISLAND

Monhegan Island

FDC 5/7569 ME78 SPECIAL MONHEGAN ISLAND, MONHEGAN ISLAND, ME. COPTER RNAV (GPS) 196, ORIG...PROCEDURE NA. 1511032145-1605012145EST.

NORRIDGEWOCK

Central Maine Arpt Of Norridgewock

FDC 5/3025 OWK ODP CENTRAL MAINE ARPT OF NORRIDGEWOCK, NORRIDGEWOCK, ME. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 4...TAKE-OFF MINIMUMS RWY 15: 700-3 OR STANDARD WITH MINIMUM CLIMB OF 300 FT PER NM TO 1200 OR 1400-2 1/2 FOR CLIMB IN VISUAL CONDITIONS. TAKE-OFF MINIMUMS RWY 21: 700-3 OR STANDARD WITH MINIMUM CLIMB OF 300 FT PER NM TO 1100 OR 1400-2 1/2 FOR CLIMB IN VISUAL CONDITIONS. ALL OTHER DATA REMAINS AS PUBLISHED. 1507091728-1601051728EST.

OLD TOWN

Dewitt Fld, Old Town Muni

FDC 5/4975 OLD ODP DEWITT FLD, OLD TOWN MUNI, OLD TOWN, ME. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKEOFF RWY 4 AND RWY 12 NA. 1510291657-1604261657EST.

FDC 5/4974 OLD IAP DEWITT FLD, OLD TOWN MUNI, OLD TOWN, ME. RNAV (GPS) RWY 30, ORIG-A...STRAIGHT-IN AND CIRCLING TO RWY 30 AND CIRCLING TO RWY 22 NA. 1510291657-1604261657EST.

FDC 5/4973 OLD IAP DEWITT FLD, OLD TOWN MUNI, OLD TOWN, ME. RNAV (GPS) RWY 12, ORIG-A...CIRCLING TO RWY 22 AND RWY 30 NA. 1510291657-1604261657EST.

FDC 5/4971 OLD IAP DEWITT FLD, OLD TOWN MUNI, OLD TOWN, ME. NDB RWY 22, AMDT 6A...RNAV (GPS) RWY 22, ORIG-A...VOR/DME RWY 22, AMDT 5B...STRAIGHT-IN AND CIRCLING TO RWY 22 AND CIRCLING TO RWY 30 NA. 1510291657-1604261657EST.

OXFORD

Oxford County Rgnl

FDC 5/4842 81B IAP OXFORD COUNTY RGNL, OXFORD, ME. RNAV (GPS) RWY 15, ORIG-A...RNAV (GPS) RWY 33, ORIG-A...VISUAL DESCENT ANGLE 3.00/40 TCH NOT AUTHORIZED. 1506081451-1512051451EST.

PORTLAND

Portland Intl Jetport

FDC 5/9337 PWM IAP PORTLAND INTL JETPORT, PORTLAND, ME. ILS OR LOC RWY 11, AMDT 3...ILS RWY 11 (SA CAT I), AMDT 3...ILS RWY 11 (CAT II-III), AMDT 3...INITIAL SEGMENT FROM ENE VOR/DME TO BUXTO NOT AUTHORIZED
1509111528-1603091528EST.

FDC 5/6723 PWM IAP PORTLAND INTL JETPORT, PORTLAND, ME. RNAV (GPS) RWY 36, AMDT 1A...LP MDA 540/HAT 494 ALL CATS.
1508041844-1601311844EST.

PRESQUE ISLE

Northern Maine Rgnl Arpt At Presque Is

FDC 5/6785 PQI IAP NORTHERN MAINE RGNL ARPT AT PRESQUE IS, PRESQUE ISLE, ME. ILS OR LOC RWY 1, AMDT 6...RNAV (GPS) RWY 1, AMDT 1...RNAV (GPS) RWY 28, AMDT 1...CIRCLING CAT A MDA 1140/HAA 606.. 1506261817-1512231817EST.

RANGELEY

Steven A Bean Muni

FDC 5/3355 8B0 ODP STEVEN A BEAN MUNI, RANGELEY, ME. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
ORIG...TAKEOFF MINIMUMS: RWY 14, 600-2 WITH MINIMUM CLIMB OF 355 FT PER NM TO 4000. RWY 32, 600-2 WITH MINIMUM CLIMB OF 400 FT PER NM TO 4000. NOTE: RWY 14, TREE 22 FT FROM DER, 483 FT RIGHT OF CENTERLINE, 76 FT AGL/1856 FT MSL. TREES BEGINNING 230 FT FROM DER, 546 FT RIGHT OF CENTERLINE, UP TO 77 FT AGL/1857 FT MSL. TREES BEGINNING 340 FT FROM DER, 549 FT LEFT OF CENTERLINE, UP TO 99 FT AGL/1859 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED.
1509181443-1603161443EST.

ROCKLAND

Knox County Rgnl

FDC 5/9132 RKD IAP KNOX COUNTY RGNL, ROCKLAND, ME. ILS OR LOC RWY 13, AMDT 1C...S-LOC 13 MDA 580/HAT 526 ALL CATS, CAT C VIS 1, CAT D 1 1/4. DOSNE/I-RMZ 2.5 DME MINIMUM ALTITUDE 580* *LOC ONLY, 660 WHEN USING WISCASSET ALTIMETER SETTING. NOTE: FOR INOPERATIVE MALSR WHEN USING WISCASSET ALTIMETER SETTING, INCREASE S-ILS 13 ALL CATS VISIBILITY TO 1 MILE. NOTE:WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WISCASSET ALTIMETER SETTING AND INCREASE ALL DA 65 FEET AND ALL MDA 80 FEET, AND INCREASE S-LOC 13 CAT C/D AND CIRCLING CAT C AND DME MINIMUMS S-LOC 13 CAT C/D AND CIRCLING CAT C VISIBILITY 1/4 MILE.
1510011256-1605231254EST.

ROCKWOOD

Socatean Bay

FDC 5/8248 13ME SPECIAL SOCATEAN BAY, ROCKWOOD, ME. RNAV (GPS) RWY 27, ORIG...PROCEDURE NA. 1509301402-1603281402EST.

SOUTHWEST HARBOR

Penetic School Heliport

FDC 5/7571 ME99 IAP PENETIC SCHOOL HELIPORT, SOUTHWEST HARBOR, ME. COPTER RNAV (GPS) 355, ORIG...PROCEDURE NA.
1511032147-1605012147EST.

SWANS ISLAND

Iap Swans Island Heliport

FDC 2/5060 ME73 FI/T IAP SWANS ISLAND HELIPORT, SWANS ISLAND, ME. (SPECIAL) COPTER RNAV (GPS) 092, ORIG. TERMINAL ROUTE ADIFO (IAF) TO HUMIS (IF) 3000. TERMINAL ROUTE DORAE (IAF) TO HUMIS (IF) 3000. MISSED APPROACH: CLIMB TO 3000 DIRECT RUEED AND HOLD.

WATERVILLE

Waterville Robert Lafleur

FDC 5/8453 WVL ODP WATERVILLE ROBERT LAFLEUR, WATERVILLE, ME. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
ORIG...TAKE-OFF MINIMUMS: RWY 32, STANDARD WITH A MINIMUM CLIMB OF 375 FEET PER NM TO 1000. NOTE : RWY 14, TREES BEGINNING 215 FEET FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 77 FEET AGL/371 FEET MSL. RWY 32, TREES BEGINNING 590 FEET FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 73 FEET AGL/340 FEET MSL. TREES BEGINNING 2121 FEET FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 108 FEET AGL/501 FEET MSL. TANK 3618 FEET FROM DER, 656 FEET RIGHT OF CENTERLINE, UP TO 67 FEET AGL/477 FEET MSL. BUILDING 5517 FEET FROM DER, 826 FEET LEFT OF CENTERLINE, UP TO 32 FEET AGL/477 FEET MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1509301602-1603281602EST.

WISCASSET

Wiscasset

FDC 5/1104 IWI ODP WISCASSET, WISCASSET, ME. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...NOTE: RWY 7, POWERLINE 607 FT FROM DER, 410 FT RIGHT OF CENTERLINE, 45 AGL/85 MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1510051920-1605161920EST.

MARYLAND

BALTIMORE

Baltimore/Washington Intl Thurgood Marshall

FDC 5/7477 BWI IAP BALTIMORE/WASHINGTON INTL THURGOOD MARSHALL, BALTIMORE, . VOR RWY 10, AMDT 17B...VOR/DME RWY 33L, AMDT 3A...PROCEDURE NA. 1510151556-1605121556EST.

FDC 5/5310 BWI STAR BALTIMORE/WASHINGTON INTERNATIONAL THURGOOD MARSHALL AIRPORT, BALTIMORE, MD, TROYZ TWO RNAV ARRIVAL NOT AVAILABLE 1510150400-1512100359.

FDC 5/5167 BWI STAR BALTIMORE WASHINGTON INTERNATIONAL, BALTIMORE, MD. MIIDY ONE ARRIVAL (RNAV) RAISED MOCAS: LAFLN-CHOPS FROM 1300 TO 1500, KAPTIN-NAVEY FROM 1400 TO 1800, NAVEY-ANCRR FROM 1500 TO 2100, ANCRR-LURRL FROM 1500 TO 1700, SNUGI-JANNS FROM 1400 TO 1700, MIIDY-JUGMO FROM 1300 TO 1500. 1508031800-PERM.

FDC 5/4699 BWI CHART BALTIMORE/WASHINGTON INTL THURGOOD MARSHALL, BALTIMORE, MD. PALEO THREE DEPARTURE (PALEO3.PALEO)...SWANN THREE DEPARTURE (SWANN3.SWANN)...CORRECT COMMUNICATIONS DATA: CORRECT POTOMAC DEP CON: DELETE FREQUENCY 125.525. ADD FREQUENCY 124.55. 1509231248-PERM.

FDC 5/4684 BWI CHART BALTIMORE/WASHINGTON INTL THURGOOD MARSHALL, BALTIMORE, MD. RIPKN ONE ARRIVAL (CAPKO.RIPKN1)...CORRECT COMMUNICATIONS DATA: CORRECT POTOMAC APP CON: DELETE FREQUENCIES 119.7 AND 290.475. ADD FREQUENCY 128.35. CORRECT CHART BORDER TEXT: CHANGE COMPUTER CODE TO READ (CAPKO.RIPKN1) INSTEAD OF (RIPKN.RIPKN1). 1509231232-PERM.

FDC 5/2451 BWI IAP BALTIMORE/WASHINGTON INTL THURGOOD MARSHALL, BALTIMORE, MD. ILS OR LOC RWY 33L, AMDT 12...RNAV (GPS) Y RWY 33L, AMDT 4...RNAV (RNP) Z RWY 33L, AMDT 3...VOR/DME RWY 33L, AMDT 3A...CHART PROFILE NOTE: VGS1 AND GLIDE SLOPE NOT COINCIDENT.. 1510261315-1604231313EST.

FDC 5/0891 BWI STAR BALTIMORE/WASHINGTON INTL THURGOOD MARSHALL, BALTIMORE, MD. NOTTINGHAM SIX ARRIVAL NA 1503061530-PERM.

Martin State

FDC 5/5322 MTN STAR MARTIN STATE AIRPORT, BALTIMORE, MD, TROYZ TWO RNAV ARRIVAL NOT AVAILABLE 1510150400-1512100359.

FDC 5/4687 MTN CHART MARTIN STATE, BALTIMORE, MD. RIPKN ONE ARRIVAL (CAPKO.RIPKN1)...CORRECT COMMUNICATIONS DATA: CORRECT POTOMAC APP CON: DELETE FREQUENCIES 119.7 AND 290.475. ADD FREQUENCY 128.35. CORRECT CHART BORDER TEXT: CHANGE COMPUTER CODE TO READ (CAPKO.RIPKN1) INSTEAD OF (RIPKN.RIPKN1). 1509231237-PERM.

FDC 5/4545 MTN IAP MARTIN STATE, BALTIMORE, MD. LOC RWY 15, AMDT 3A...RNAV (GPS) RWY 15, AMDT 1A...DISREGARD NOTE: WHEN VGS1 INOP, STRAIGHT-IN/CIRCLING RWY 15 PROCEDURE NA AT NIGHT. 1505202159-1512162159EST.

FDC 5/2207 MTN IAP MARTIN STATE, BALTIMORE, MD. MTN...VOR/DME OR TACAN Z RWY 15, ORIG-A...S-15 MDA 920/HAT 898 ALL CATS. CAT A VIS 1 1/4, CAT D 2 1/2. CHART FAS OBST: 401 TOWER 392338N/0762308W. CIRCLING MDA 920/HAA 898 ALL CATS. VIS CAT A 1 1/4, CAT C 2 3/4, CAT D 3. WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BALTIMORE/WASHINGTON INTL THURGOOD ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET AND S-15 CAT B VISIBILITY 1/4 MILE, CAT C/D 1/2 MILE; INCREASE CIRCLING CAT B/C VISIBILITY 1/4 MILE. THIS IS VOR/DME OR TACAN RWY 15, ORIG-B. 1511121932-PERM.

University Of Maryland Shock Trauma Center

FDC 5/6623 MD71 SPECIAL UNIVERSITY OF MARYLAND SHOCK TRAUMA CENTER, BALTIMORE, MD. COPTER (GPS) 091, ORIG...H-091 VIS 2. LIMIT INITIAL AND INTERMEDIATE APPROACH TO 90 KIAS. MYOPS TO HELIPOINT: 3.36/5 FT HCH.. 1509251828-1605131827EST.

CAMBRIDGE

Cambridge-Dorchester

FDC 5/1605 CGE IAP CAMBRIDGE-DORCHESTER, CAMBRIDGE, MD. NDB OR GPS RWY 34, AMDT 7B...MISSED APPROACH: CLIMBING RIGHT TURN TO 1800 IN CGE NDB HOLDING PATTERN. 1511121326-1605101326EST.

CHURCHVILLE

Harford County

FDC 5/4444 0W3 IAP HARFORD COUNTY, CHURCHVILLE, MD. RNAV (GPS) -B, ORIG...VDA NA. 1510091809-1605201809EST.

COLLEGE PARK

College Park

FDC 5/9780 CGS IAP COLLEGE PARK, COLLEGE PARK, MD. RNAV (GPS) RWY 15, ORIG-D...LNAV MINIMUMS NA. 1508261905-1602221905EST.

FDC 5/3885 CGS ODP COLLEGE PARK, COLLEGE PARK, MD. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3B...TAKEOFF MINIMUMS: RWY 33, 400-2 1/2. TEXTUAL DEPARTURE PROCEDURE: RWY 33, CLIMB HEADING 329 TO 700 BEFORE PROCEEDING ON COURSE. NOTE: RWY 33, BUILDINGS BEGINNING 2759 FT FROM DER, 988 FT LEFT OF CENTERLINE, UP TO 126 FT AGL/198 FT MSL. TEMPORARY CRANE 2958 FT FROM DER, 1228 FT LEFT OF CENTERLINE, 200 FT AGL/271 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1509211203-1603191203EST.

CUMBERLAND

Greater Cumberland Rgnl

FDC 5/7537 CBE IAP GREATER CUMBERLAND RGNL, CUMBERLAND, MD. RNAV (GPS) RWY 5, AMDT 1A...CHANGE PROCEDURE NA AT NIGHT NOTE TO READ: NIGHT LANDING: RWY 5, 11, 29 NA. 1508051535-1602011534EST.

FDC 5/7517 CBE IAP GREATER CUMBERLAND RGNL, CUMBERLAND, MD. LOC-A, AMDT 4A..... CHANGE PROCEDURE NA AT NIGHT NOTE TO READ: NIGHT LANDING: RWY 5, 11, 29 NA. 1508051531-1602011531EST.

FDC 5/7515 CBE IAP GREATER CUMBERLAND RGNL, CUMBERLAND, MD. LOC/DME RWY 23, AMDT 6C...CHANGE PROCEDURE NA AT NIGHT NOTE TO READ: NIGHT LANDING: RWY 5, 11, 29 NA. CHANGE HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. VDP AT I-CBE 3.16 DME; DISTANCE VDP TO THLD 2.30 MILES. 1508051529-1602011528EST.

FDC 5/7150 CBE IAP GREATER CUMBERLAND RGNL, CUMBERLAND, MD. LOC-A, AMDT 4A...LOC/DME RWY 23, AMDT 6C...TERMINAL ROUTE: GRANTSVILLE (GRV) VOR/DME TO CUMBERLAND (CBE) NDB MINIMUM ALTITUDE FOR GPS USERS 5000. PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, GRV VOR OUT OF SERVICE. 1509091348-1603071348EST.

EASTON

Easton/Newnam Field

FDC 5/5326 ESN STAR EASTON/NEWMAN FIELD, EASTON, MD. TROYZ TWO RNAV ARRIVAL NOT AVAILABLE 1510150400-1512100359.

FDC 5/1043 ESN IAP EASTON/NEWMAN FIELD, EASTON, MD. RNAV (GPS) RWY 15, ORIG-A...RNAV (GPS) RWY 33, ORIG-A...DESCENT ANGLE 3.04/TCH 45 NA. 1510051800-1605161800EST.

ELKTON

Claremont

FDC 5/9145 58M IAP CLAREMONT, ELKTON, MD. RNAV (GPS) RWY 31, ORIG-D...LNAV MDA NA. 1507221950-1601181950EST.

FDC 5/9144 58M IAP CLAREMONT, ELKTON, MD. RNAV (GPS) RWY 13, ORIG-C...LNAV MDA NA. 1507221950-1601181950EST.

FDC 5/3019 58M IAP CLAREMONT, ELKTON, MD. RNAV (GPS) RWY 31, ORIG-D...DESCENT ANGLE 3.01/TCH 40 NA. 1508141847-1602101847EST.

FREDERICK

Frederick Muni

FDC 5/6228 FDK ODP FREDERICK MUNI, FREDERICK, MD. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 4...NOTE: RWY 30, TEMPORARY CRANE 833 FT FROM DER, 700 FT RIGHT OF CENTERLINE, 110 FT AGL/372 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. EXCEPT WHEN ADVISED BY ATCT THAT THIS CRANE IS DOWN. 1510141444-1604111444EST.

FDC 5/5335 FDK STAR FREDERICK MUNICIPAL AIRPORT, FREDERICK, MD, TROYZ TWO RNAV ARRIVAL NOT AVAILABLE 1510150400-1512100359.

FRIENDLY

Potomac Airfield

FDC 5/8480 VKX IAP POTOMAC AIRFIELD, FRIENDLY, MD. RNAV (GPS) RWY 6, ORIG...USE JOINT BASE ANDREWS, MD ALTIMETER SETTING. LNAV MDA 720/HAT 602. CIRCLING MDA 780/HAA 662. DESCENT ANGLE 3.04/TCH 38 NA. 1508251550-1602211550EST.

GAITHERSBURG

Montgomery County Airpark

FDC 5/9234 GAI IAP MONTGOMERY COUNTY AIRPARK, GAITHERSBURG, MD. RNAV (GPS) RWY 14, AMDT 3B...LPV DA NA LNAV/VNAV DA NA. TEMPORARY CRANE 593 MSL 2196 FT NW OF RWY 14. TEMPORARY CRANE 635 MSL 2222 FT NW OF RWY 14. 1510011333-1603291333EST.

FDC 5/5327 GAI STAR MONTGOMERY COUNTY AIRPARK, GAITHERSBURG, MD, TROYZ TWO RNAV ARRIVAL NOT AVAILABLE 1510150400-1512100359.

FDC 5/2929 GAI IAP MONTGOMERY COUNTY AIRPARK, GAITHERSBURG, MD. VOR RWY 14, AMDT 3A...PROCEDURE NA. 1507291910-1601251910EST.

FDC 5/2814 GAI IAP MONTGOMERY COUNTY AIRPARK, GAITHERSBURG, MD. RNAV (GPS)-A, ORIG-A...CIRCLING MDA 1160/HAA 621 ALL CATS. VIS CAT C 1 3/4. 1510261913-1604231913EST.

HAGERSTOWN

Hagerstown Rgnl-Richard A Henson Fld

FDC 5/3054 HGR ODP HAGERSTOWN RGNL-RICHARD A HENSON FLD, HAGERSTOWN, MD. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 6...DEPARTURE PROCEDURE: RWY 27, CLIMB HEADING 269 TO 1200 BEFORE TURNING NORTH. ALL OTHER DATA REMAINS AS PUBLISHED. 1507091746-1601051746EST.

STEVENSVILLE

Bay Bridge

FDC 5/5075 W29 ODP BAY BRIDGE, STEVENSVILLE, MD. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...NOTE: RWY 11, LIGHT POLE 290 FT FROM DER, 549 FT LEFT OF CENTERLINE, 29 FT AGL/45 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1510291849-1604261849EST.

FDC 5/1209 W29 IAP BAY BRIDGE, STEVENSVILLE, MD. RNAV (GPS) RWY 29, ORIG-A...DESCENT ANGLE 2.91/39 TCH NA. 1511102121-1607212121EST.

TOWSON

St Joseph Hospital

FDC 5/8101 08MD SPECIAL ST JOSEPH HOSPITAL, TOWSON, MD. COPTER RNAV (GPS) 269, ORIG...PROCEDURE NA. 1509301348-1603281348EST.

WESTMINSTER

Carroll County Rgnl/Jack B Poage Field

FDC 5/5336 DMW STAR CARROLL COUNTY REGIONAL/JACK B POAGE FIELD, WESTMINSTER, MD, TROYZ TWO RNAV ARRIVAL NOT AVAILABLE 1510150400-1512100359.

FDC 5/4704 DMW CHART CARROLL COUNTY RGNL/JACK B POAGE FIELD, WESTMINSTER, MD. TERPZ FIVE DEPARTURE (RNAV) (TERPZ5.TERPZ)...CORRECT COMMUNICATIONS DATA: CORRECT POTOMAC DEP CON: ADD FREQUENCY 291.625. 1509231250-PERM.

FDC 5/4685 DMW CHART CARROLL COUNTY RGNL/JACK B POAGE FIELD, WESTMINSTER, MD. RIPKN ONE ARRIVAL (CAPKO.RIPKN1)...CORRECT COMMUNICATIONS DATA: CORRECT POTOMAC APP CON: DELETE FREQUENCIES 119.7 AND 290.475. ADD FREQUENCY 128.35. CORRECT CHART BORDER TEXT: CHANGE COMPUTER CODE TO READ (CAPKO.RIPKN1) INSTEAD OF (RIPKN.RIPKN1). 1509231235-PERM.

Clearview Airpark

FDC 5/8975 2W2 IAP CLEARVIEW AIRPARK, WESTMINSTER, MD. VOR-A, AMDT 4...CHART NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS VOR-A, AMDT 4A. 1510191935-PERM.

MASSACHUSETTS

BEDFORD

Laurence G Hanscom Fld

FDC 5/9311 BED IAP LAURENCE G HANSCOM FLD, BEDFORD, MA. VOR RWY 23, AMDT 9...MISSED APPROACH: CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 2000 DIRECT BEDDS LOM AND HOLD. CONTINUE CLIMB IN HOLD TO 2000.. 1509111518-1603091518EST.

BEVERLY

Beverly Muni

FDC 5/0334 BVY IAP BEVERLY MUNI, BEVERLY, MA. RNAV (GPS) RWY 16, AMDT 1B...LNAV/VNAV DA 422/HAT 315. 1510021821-1605021821EST.

FDC 5/0240 BVY IAP BEVERLY MUNI, BEVERLY, MA. RNAV (GPS) RWY 27, ORIG-B...LPV AND LNAV/VNAV NA. 1508271111-1602231111EST.

BOSTON

General Edward Lawrence Logan Intl

FDC 5/2196 BOS STAR GENERAL EDWARD
LAWRENCE LOGAN INTL, BOSTON, MA QUABN
THREE ARRIVAL...ALL TRANSITIONS, ATC MAY
ASSIGN HOLDING AT ONDEC (ON-DECK) AS
DEPICTED ON CHART. EXPECT DIRECT UROWT
(YOUR-OUT) AND TO RESUME THE QUABN STAR
WHEN CLEARED FROM HOLD
1502111800-1602111759.

FDC 5/1729 BOS SPECIAL GENERAL EDWARD
LAWRENCE LOGAN INTL, BOSTON, MA. RNAV
VISUAL RWY 4L, ORIG...PROCEDURE NA.
1510231156-1605251156EST.

FDC 5/1474 BOS SID GENERAL EDWARD
LAWRENCE LOGAN INTL, BOSTON, MA. WYLYY
TWO DEPARTURE (RNAV)...TAKEOFF MINIMUMS:
RWY 27, 900-2 1/2 WITH MINIMUM CLIMB OF 477 FT
PER NM TO 2300 OR STANDARD WITH MINIMUM
CLIMB OF 586 FT PER NM TO 2300. TAKEOFF
OBSTACLE NOTES: RWY 27, TEMPORARY CRANE 2
NM FROM DER, 2976 FT RIGHT OF CENTERLINE, 897
FT AGL/926 MSL. ALL OTHER DATA REMAINS AS
PUBLISHED. 1508290343-1602250343EST.

FDC 5/1473 BOS ODP GENERAL EDWARD
LAWRENCE LOGAN INTL, BOSTON, MA. TAKEOFF
MINIMUMS AND (OBSTACLE) DEPARTURE
PROCEDURES AMDT 13A...TAKEOFF MINIMUMS:
RWY 27, 900-2 1/2 WITH MINIMUM CLIMB OF 477 FT
PER NM TO 1300 OR STANDARD WITH MINIMUM
CLIMB OF 586 FT PER NM TO 1300. RWY 33L, 300-2
OR STANDARD WITH MINIMUM CLIMB OF 284 FT
PER NM TO 500. NOTE: RWY 27, TEMPORARY
CRANE 2 NM FROM DER, 2976 FT RIGHT OF
CENTERLINE, 897 FT AGL/926 MSL. RWY 33L,
TEMPORARY CRANE 1.64 NM FROM DER, 1806 FT
RIGHT OF CENTERLINE, 310 FT AGL/318 FT MSL.
ALL OTHER DATA REMAINS AS PUBLISHED.
1508290343-1602250343EST.

FDC 5/1472 BOS SID GENERAL EDWARD
LAWRENCE LOGAN INTL, BOSTON, MA. LOGAN
EIGHT DEPARTURE...TAKEOFF MINIMUMS: RWY 27,
900-2 1/2 WITH MINIMUM CLIMB OF 477 FT PER NM
TO 1300 OR STANDARD WITH MINIMUM CLIMB OF
586 FT PER NM TO 1300. RWY 33L, 300-2 OR
STANDARD WITH MINIMUM CLIMB OF 284 FT PER
NM TO 700. ATC CLIMB OF 465 FT PER NM TO 400.
TAKEOFF OBSTACLE NOTES: RWY 27, TEMPORARY
CRANE 2 NM FROM DER, 2976 FT RIGHT OF
CENTERLINE, 897 FT AGL/926 MSL. RWY 33L,
TEMPORARY CRANE 1.64 NM FROM DER, 1806 FT
RIGHT OF CENTERLINE, 310 FT AGL/318 FT MSL.
ALL OTHER DATA REMAINS AS PUBLISHED.
1508290343-1602250343EST.

FDC 5/1471 BOS SID GENERAL EDWARD
LAWRENCE LOGAN INTL, BOSTON, MA. BLZZR
THREE DEPARTURE (RNAV)...BRUWN FOUR
DEPARTURE (RNAV)...CELTG FOUR DEPARTURE
(RNAV)...HYLND FOUR DEPARTURE (RNAV)...LBSTA
FOUR DEPARTURE (RNAV)...PATSS FOUR
DEPARTURE (RNAV)...REVSS THREE DEPARTURE
(RNAV)...SSOXS FOUR DEPARTURE
(RNAV)...TAKEOFF MINIMUMS: RWY 27, 900-2 1/2
WITH MINIMUM CLIMB OF 500 FT PER NM TO 1300
OR STANDARD WITH MINIMUM CLIMB OF 586 FT
PER NM TO 1300. TAKEOFF OBSTACLE NOTES: RWY
27, TEMPORARY CRANE 2 NM FROM DER, 2976 FT
RIGHT OF CENTERLINE, 897 FT AGL/926 MSL. ALL
OTHER DATA REMAINS AS PUBLISHED.
1508290343-1602250343EST.

Massachusetts General Hospital

FDC 5/1243 OMA1 SPECIAL MASSACHUSETTS
GENERAL HOSPITAL, BOSTON, MA. COPTER RNAV
(GPS) 07, ORIG...LNAV: MDA 780/HAL 585.
TEMPORARY CRANE 662 MSL 1822 FT ENE OF
HELIPAD. 1509161153-1603141153EST.

FALMOUTH

Falmouth Hospital

FDC 5/0264 MA37 IAP FALMOUTH HOSPITAL,
FALMOUTH, MA. COPTER RNAV (GPS) 214,
ORIG...MINIMUM ALTITUDE AT 0.80 NM TO PEBME
WP 860.. 1508271138-1602231138EST.

FITCHBURG

Fitchburg Muni

FDC 5/4839 FIT IAP FITCHBURG MUNI, FITCHBURG,
MA. RNAV (GPS) RWY 14, ORIG-B...RNAV (GPS) RWY
32, ORIG-C...VDA NA. 1506081449-1512051448EST.

FDC 5/4830 FIT IAP FITCHBURG MUNI, FITCHBURG,
MA. RNAV (GPS) RWY 20, ORIG-B...VDA NA.
1506081419-1512051419EST.

GARDNER

Gardner Muni

FDC 5/1940 GDM IAP GARDNER MUNI, GARDNER,
MA. RNAV (GPS)-B, ORIG-A...DESCENT ANGLE
3.05/TCH 45 NA. 1510231727-1605271727EST.

MONTAGUE

Turners Falls

FDC 5/2536 0B5 ODP TURNERS FALLS, MONTAGUE, MA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...DEPARTURE PROCEDURE TAKE-OFF MINIMUMS. NOTE: RWY 16 1200 - 2 3/8. NOTE: RWY 34 1300 - 2 3/8. ALL OTHER DATA REMAINS AS PUBLISHED. 1511131313-1605111304EST.

NEW BEDFORD

New Bedford Rgnl

FDC 5/2783 EWB IAP NEW BEDFORD RGNL, NEW BEDFORD, MA. RNAV (GPS) RWY 32, ORIG-A...LP MDA 720/HAT 652. VIS CATS C/D 1 7/8. NOTE: NIGHT LANDING: RWY 32 CATS C/D NA. CHANGE HELICOPTER VISIBILITY NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1506231310-1512201310EST.

FDC 5/2782 EWB IAP NEW BEDFORD RGNL, NEW BEDFORD, MA. RNAV (GPS) RWY 14, ORIG-A...LP MDA 540/HAT 464 ALL CATS. LNAV MDA 560/HAT 484 ALL CATS. NOTE: NIGHT LANDING: RWY 14 CATS C/D NA. CHANGE HELICOPTER VISIBILITY NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1506231310-1512201310EST.

ORANGE

Orange Muni

FDC 5/3321 ORE IAP ORANGE MUNI, ORANGE, MA. VOR-A, AMDT 7A...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 1507101233-1601061233EST.

MICHIGAN

ALLEGAN

Padgham Field

FDC 5/4697 35D IAP PADGHAM FIELD, ALLEGAN, MI. VOR RWY 29, AMDT 14...NOTE: CIRCLING NA TO RWYS 15 AND 33. NOTE: NIGHT LANDING: RWY 29 NA. 1510101724-1604071724EST.

FDC 5/4693 35D IAP PADGHAM FIELD, ALLEGAN, MI. RNAV (GPS) RWY 11, ORIG-A...RNAV (GPS) RWY 29, ORIG...NOTE: CIRCLING NA TO RWYS 15 AND 33. 1510101715-1604071715EST.

ALPENA

Alpena County Rgnl

FDC 5/9477 APN IAP U.S. DOD ALPENA COUNTY RGNL, ALPENA, MI. HI TACAN RWY 19, AMDT 5...PROCEDURE NA. 1508071718-1603031718EST.

FDC 5/1785 APN IAP ALPENA COUNTY RGNL, ALPENA, MI. VOR RWY 19, AMDT 15...S-19 PROCEDURE NA. RWY 19 THRESHOLD DISPLACED.. 1510231303-1604201303EST.

FDC 5/1783 APN ODP ALPENA COUNTY RGNL, ALPENA, MI. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...NOTE: RWY 1, MEN AND EQUIPMENT, 1 FOOT FROM DEPARTURE END OF RWY, 500 FEET LEFT OF CENTERLINE, 1 FOOT FROM DEPARTURE END OF RWY, 500 FEET RIGHT OF CENTERLINE AND 1 FOOT FROM DEPARTURE END OF RWY, ON CENTERLINE, 20 FEET AGL/705 MSL.. ALL OTHER DATA REMAINS AS PUBLISHED. 1510231303-1604201303EST.

FDC 5/1782 APN IAP ALPENA COUNTY RGNL, ALPENA, MI. RNAV (GPS) RWY 19, ORIG...LPV PROCEDURE NA. LNAV/VNAV PROCEDURE NA. LNAV PROCEDURE NA. RWY 19 THRESHOLD DISPLACED.. 1510231303-1604201303EST.

Alpena General Hospital

FDC 5/5955 MI62 SPECIAL ALPENA GENERAL HOSPITAL, ALPENA, MI. COPTER GPS 012, ORIG...IFR DEPARTURE NA. 1510301957-1604271957EST.

ANN ARBOR

Ann Arbor Muni

FDC 5/2339 ARB SID ANN ARBOR MUNI, ANN ARBOR, MI. PALACE EIGHT DEPARTURE...ST. CLAIR EIGHT DEPARTURE...NOTE: ATC ASSIGNED ONLY. 1508312203-1603282203EST.

BATTLE CREEK

W K Kellogg

FDC 5/7311 BTL IAP W K KELLOGG, BATTLE CREEK, MI. RNAV (GPS) RWY 31, ORIG-A...LP MDA 1320/HAT 390 ALL CATS, VISIBILITY CAT C/D 1 1/8. CHANGE ALTIMETER NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA. NOTE: NIGHT LANDING: RWY 31 NA. DISREGARD NOTE: WHEN VGS I INOP, STRAIGHT-IN/CIRCLING RWY 13-31 PROCEDURE NA AT NIGHT. 1511031646-1605011646EST.

FDC 5/7300 BTL IAP W K KELLOGG, BATTLE CREEK, MI. ILS OR LOC RWY 23R, AMDT 18A...WOMRA FIX MINIMUMS NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. MISSED APPROACH: CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 3000 DIRECT BATOL LOM AND HOLD NE, RIGHT TURN, 226.61 INBOUND. RADAR REQUIRED FOR PROCEDURE ENTRY EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. NOTE: RADAR AND ADF REQUIRED, BTL VORTAC OUT OF SERVICE. 1511031641-1605011641EST.

FDC 5/7299 BTL IAP W K KELLOGG, BATTLE CREEK, MI. NDB RWY 23R, AMDT 18A...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 1511031641-1605011641EST.

FDC 5/6950 BTL IAP W K KELLOGG, BATTLE CREEK, MI. RNAV (GPS) RWY 23R, AMDT 1A...ILS OR LOC RWY 23R, AMDT 18A...NDB RWY 23R, AMDT 18A...NOTE: NIGHT LANDING: RWY 31 NA. DISREGARD NOTE: WHEN VGSI INOPERATIVE, CIRCLING RWYS 13/31 NA AT NIGHT. 1511022219-1604302219EST.

FDC 5/6949 BTL IAP W K KELLOGG, BATTLE CREEK, MI. RNAV (GPS) RWY 5L, AMDT 1A...NOTE: NIGHT LANDING: RWY 31 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DISREGARD NOTE: WHEN VGSI INOPERATIVE, CIRCLING RWYS 13/31 NA AT NIGHT. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. 1511022219-1604302219EST.

FDC 5/2812 BTL IAP W K KELLOGG, BATTLE CREEK, MI. VOR RWY 23R, AMDT 18...S-23R MDA 1440/HAT 511 ALL CATS. CAT C/D VIS RVR 5500. CIRCLING CAT A MDA 1440/HAA 488. CHANGE NOTE: FOR INOPERATIVE MALSR, INCREASE CAT A/B VIS TO RVR 5500, AND CAT C/D VIS TO 1 3/8 MILE. NOTE: NIGHT LANDING RWY 31 NA. 1510261911-1604231911EST.

BENTON HARBOR

Southwest Michigan Rgnl

FDC 5/2973 BEH IAP SOUTHWEST MICHIGAN RGNL, BENTON HARBOR, MI. VOR RWY 10, AMDT 10B...PROCEDURE NA. 1509172246-1604152246EST.

BERRIEN SPRINGS

Andrews University Airpark

FDC 5/8155 C20 IAP ANDREWS UNIVERSITY AIRPARK, BERRIEN SPRINGS, . VOR-A, ORIG...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. ELX VOR/DME UNUSABLE BELOW 5000 FEET. 1510161759-1605121759EST.

FDC 5/7706 C20 ODP ANDREWS UNIVERSITY AIRPARK, BERRIEN SPRINGS, MI. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKEOFF MINIMUMS: RWY 31: STANDARD WITH MINIMUM CLIMB OF 323 FT PER NM TO 900. DISREGARD 700 - 1 1/2 CEILING AND VISIBILITY. NOTE: RWY 31: TREES BEGINNING 29 FEET FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FEET AGL/834 FEET MSL. TERRAIN BEGINNING 77 FEET FROM DER, 362 FEET LEFT OF CENTERLINE, UP TO 680 FEET MSL. VEHICLES ON ROAD BEGINNING 343 FEET FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 17 FEET AGL/692 FEET MSL. SIGN 453 FEET FROM DER, 342 FEET LEFT OF CENTERLINE, 22 FEET AGL/692 FEET MSL. TERRAIN 664 FEET FROM DER, 386 FEET RIGHT OF CENTERLINE, UP TO 686 FEET MSL. SIGN 1306 FEET FROM DER, 543 FEET RIGHT OF CENTERLINE, 22 FEET AGL/702 FEET MSL. POLES BEGINNING 1501 FEET FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 66 FEET AGL/799 FEET MSL. VEHICLES ON ROAD BEGINNING 2742 FEET FROM DER, 717 FEET RIGHT OF CENTERLINE, UP TO 15 FEET AGL/749 FEET MSL. BUILDINGS BEGINNING 3083 FEET FROM DER, 128 FEET LEFT OF CENTERLINE, UP TO 30 FEET AGL/778 FEET MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1508051805-1602011805EST.

BOYNE CITY

Boyne City Muni

FDC 5/8600 N98 ODP BOYNE CITY MUNI, BOYNE CITY, MI. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKE-OFF MINIMUMS RWY 9, 600-3 WITH MINIMUM CLIMB OF 430 FEET PER NM TO 1400.. ALL OTHER DATA REMAINS AS PUBLISHED. 1509301812-1605041811EST.

BOYNE FALLS

Boyne Mountain

FDC 5/6938 BFA IAP BOYNE MOUNTAIN, BOYNE FALLS, MI. RNAV (GPS) RWY 17, ORIG...NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1511022059-1604302059EST.

DAVISON

Athelone Williams Memorial

FDC 5/6919 6G0 IAP ATHELONE WILLIAMS MEMORIAL, DAVISON, MI. VOR RWY 8, ORIG-C...NOTE: NIGHT LANDING: RWY 08 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1509082311-1604062310EST.

DETROIT

Coleman A Young Muni

FDC 5/8400 DET IAP COLEMAN A YOUNG MUNI, DETROIT, MI. ILS OR LOC RWY 33, AMDT 14B...TERMINAL ROUTE GOMAC INT/YQG 5.1 DME TO CARGL NDB/YQG 8.5 DME DISTANCE 3.4 NM. CHART FAS OBST: 935 STACK 422131.00N/0825737.00W. CHANGE NIGHT LANDING NOTE TO READ: NIGHT LANDING RWY 7, 25 NA. TDZE 626. S-ILS 33 DA 876. S-LOC 33 MDA 1200/HAT 574 ALL CATS, VIS CAT C/D 1 5/8. DELETE NOTE: INOPERATIVE TABLE DOES NOT APPLY. CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE 3.00/ TCH 49 FEET). THIS IS ILS OR LOC RWY 33, AMDT 14C. 1508251501-PERM.

FDC 5/6589 DET IAP COLEMAN A YOUNG MUNI, DETROIT, MI. ILS OR LOC RWY 15, AMDT 10B...NDB RWY 15, AMDT 23A...RNAV (GPS) RWY 15, ORIG-A...RNAV (GPS) RWY 33, ORIG-B...VOR RWY 33, AMDT 28A...CHANGE NIGHT LANDING NOTE TO READ: NIGHT LANDING: RWY 7, 25 NA. 1511021447-1604301447EST.

FDC 5/2336 DET SID COLEMAN A YOUNG MUNI, DETROIT, MI. PALACE EIGHT DEPARTURE...ST. CLAIR EIGHT DEPARTURE...NOTE: ATC ASSIGNED ONLY. 1508312203-1603282203EST.

Detroit Metropolitan Wayne County

FDC 5/7556 DTW IAP DETROIT METROPOLITAN WAYNE COUNTY, DETROIT, MI. ILS OR LOC RWY 27R, AMDT 12B...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, PSI VOR OUT OF SERVICE. 1511032141-1605012141EST.

FDC 5/4376 DTW IAP DETROIT METROPOLITAN WAYNE COUNTY, DETROIT, MI. ILS OR LOC RWY 22L, AMDT 30B...ILS PRM RWY 22L, ORIG-E...ILS RWY 22L (SA CAT I AND II), AMDT 30B...I-DWC LOCALIZER UNUSABLE INSIDE RWY THRESHOLD. 1505201953-1512161953EST.

FDC 5/2693 DTW IAP DETROIT METROPOLITAN WAYNE COUNTY, DETROIT, MI. ILS RWY 22L (SA CAT I AND II) AMDT 30B.....S-ILS 22L SA CAT II NA 1510071934-1604041934EST.

FDC 5/2335 DTW SID DETROIT METROPOLITAN WAYNE COUNTY, DETROIT, MI. PALACE EIGHT DEPARTURE...ST. CLAIR EIGHT DEPARTURE...NOTE: ATC ASSIGNED ONLY. 1508312203-1603282203EST.

Willow Run

FDC 5/5703 YIP IAP WILLOW RUN, DETROIT, MI. ILS OR LOC RWY 23L, AMDT 7C...ILS OR LOC RWY 5R, AMDT 15...CIRCLING CAT A/B/C MDA 1220/HAA 504. 1506251922-1601221921EST.

FDC 5/2337 YIP SID WILLOW RUN, DETROIT, MI. PALACE EIGHT DEPARTURE...ST. CLAIR EIGHT DEPARTURE...NOTE: ATC ASSIGNED ONLY. 1508312203-1603282203EST.

ESCANABA

Delta County

FDC 5/5583 ESC IAP DELTA COUNTY, ESCANABA, MI. VOR RWY 9, AMDT 14B...CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MARQUETTE ALTIMETER SETTING AND INCREASE ALL MDA 180 FEET, INCREASE S-9 CAT B AND CIRCLING CAT A/B/D VISIBILITY 1/4 MILE, S-9 CAT C/D AND CIRCLING CAT C 1/2 MILE AND DEPXE FIX MINIMUMS S-9 CAT C/D 5/8 MILE AND CIRCLING CAT C 1/2 MILE AND CIRCLING CAT D 1/4 MILE. NOTE: WHEN USING MARQUETTE ALTIMETER SETTING, DEPXE FIX MINIMUMS S-9 CAT D MINIMUMS NA. 1509041931-1603021931EST.

FLINT

Bishop Intl

FDC 5/7558 FNT IAP BISHOP INTL, FLINT, MI. ILS OR LOC RWY 27, AMDT 5...ILS OR LOC RWY 9, AMDT 22C...VOR RWY 18, ORIG-A...VOR RWY 36, ORIG...VOR RWY 9, ORIG...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, PSI VOR OUT OF SERVICE. 1511032141-1605012141EST.

FREMONT

Fremont Muni

FDC 5/7225 FFX IAP FREMONT MUNI, FREMONT, MI. VOR RWY 18, ORIG-A...RADAR REQUIRED FOR PROCEDURE ENTRY EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 1507172054-1601132054EST.

FDC 5/3151 FFX IAP FREMONT MUNI, FREMONT, MI. VOR RWY 36, AMDT 7A...PROCEDURE NA. 1509012001-1602282001EST.

FDC 5/1031 FFX IAP FREMONT MUNI, FREMONT, MI. VOR RWY 18, ORIG-A...PROCEDURE NA. 1509151907-1604131907EST.

GRAND HAVEN

Grand Haven Memorial Airpark

FDC 5/3153 3GM IAP GRAND HAVEN MEMORIAL AIRPARK, GRAND HAVEN, MI. VOR-A, AMDT 16A...PROCEDURE NA. 1509012001-1602282001EST.

GRAND LEDGE

Abrams Muni

FDC 5/4743 4D0 IAP ABRAMS MUNI, GRAND LEDGE, MI. VOR OR GPS-A, AMDT 5...VOR PORTION NA. LAN VORTAC OUT OF SERVICE. 1506081345-1512051344EST.

FDC 5/1048 4D0 IAP U.S. DOD ABRAMS MUNI, GRAND LEDGE, MI. COPTER VOR 345, AMDT 6...NOTE: NIGHT LANDING: RWY 27 NA. H-345 VISIBILITY 1. 1507272037-1601232037EST.

GRAYLING

Grayling AAF

FDC 5/9613 GOV IAP GRAYLING AAF, GRAYLING, MI. NDB RWY 14, AMDT 8B...RNAV (GPS) RWY 14, ORIG-B...VOR RWY 14, AMDT 2B...DISREGARD NOTE: PROCEDURE NA AT NIGHT FOR CAT C/D AIRCRAFT. NOTE: NIGHT LANDING RWY 5, 23, 32 NA.. 1511061727-1605041727EST.

GREENVILLE

Greenville Muni

FDC 5/7228 6D6 IAP GREENVILLE MUNI, GREENVILLE, MI. VOR/DME-A, AMDT 2A...TERMINAL ROUTE FROM MKG VORTAC TO NESTR NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 1507172054-1601132054EST.

HARBOR SPRINGS

Harbor Springs

FDC 5/9332 MGN IAP HARBOR SPRINGS, HARBOR SPRINGS, MI. RNAV (GPS) RWY 28, AMDT 2...NOTE: PROCEDURE NA AT NIGHT. 1506161718-1512131718EST.

FDC 5/9331 MGN IAP HARBOR SPRINGS, HARBOR SPRINGS, MI. RNAV (GPS) RWY 10, AMDT 1...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. VDP NA. DISREGARD NOTE: VDP NA WHEN USING PELLSTON ALTIMETER SETTING. DISREGARD SYMBOL DEPICTING 34:1 IS CLEAR. 1506161718-1512131718EST.

HOWELL

Livingston County Spencer J Hardy

FDC 5/7561 OZW IAP LIVINGSTON COUNTY SPENCER J HARDY, HOWELL, MI. VOR RWY 31, AMDT 11A...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, PSI VOR OUT OF SERVICE. 1511032143-1605012143EST.

IRON MOUNTAIN KINGSFORD

Ford

FDC 5/6543 IMT IAP FORD, IRON MOUNTAIN KINGSFORD, MI. ILS OR LOC RWY 1, AMDT 12B...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. DISREGARD NOTE: ADF OR DME REQUIRED. DISREGARD PLANVIEW NOTE: ADF OR DME REQUIRED. KORDS (IM) LOM OUT OF SERVICE. 1509081432-1601311428EST.

JACKSON

Jackson County-Reynolds Field

FDC 5/5855 JXN IAP JACKSON COUNTY-REYNOLDS FIELD, JACKSON, MI. VOR RWY 32, AMDT 18...S-32 MDA 1660/ HAT 659 ALL CATS. VIS CAT C/D 1 7/8. CIRCLING MDA 1660/ HAA 659 ALL CATS. VIS CAT C 1 7/8. DISREGARD TOTHY FIX AND TOTHY FIX MINIMUMS.. 1509051344-1604041344EST.

FDC 5/1634 JXN IAP JACKSON COUNTY-REYNOLDS FIELD, JACKSON, MI. VOR RWY 6, AMDT 20...DIPPE MINIMUMS: S-6 MDA 1480/HAT 481 ALL CATS. 1509161600-1604141600EST.

FDC 5/1633 JXN IAP JACKSON COUNTY-REYNOLDS FIELD, JACKSON, MI. RNAV (GPS) RWY 6, ORIG...LNAV MDA 1480/HAT 481 ALL CATS. VISIBILITY CAT C 1 1/4, CAT D 1 1/2. 1509161600-1604141600EST.

KALAMAZOO

Kalamazoo/Battle Creek Intl

FDC 5/8033 AZO IAP KALAMAZOO/BATTLE CREEK INTL, KALAMAZOO, MI. ILS OR LOC RWY 35, AMDT 22C...NDB RWY 35, AMDT 19B...VOR RWY 17, AMDT 18B...VOR RWY 23, AMDT 17B...VOR RWY 35, AMDT 17B...VOR RWY 5, ORIG-C...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, BTL VORTAC OUT OF SERVICE. 1511041724-1605021724EST.

FDC 5/7286 AZO IAP KALAMAZOO/BATTLE CREEK INTL, KALAMAZOO, MI. RNAV (GPS) RWY 5, ORIG-A...LP MDA 1280/HAT 406 CATS A/B/C. 1506111448-1512081448EST.

FDC 5/6087 AZO IAP KALAMAZOO/BATTLE CREEK INTL, KALAMAZOO, MI. RNAV (GPS) RWY 23, ORIG-A...LP MDA 1320/HAT 446 ALL CATS. VIS CAT C 1 3/8. WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BATTLE CREEK ALTIMETER SETTING AND INCREASE ALL MDA 60 FT, LP AND LNAV CAT C VISIBILITY TO 1 3/8. TEMPORARY CRANE, 1013 MSL, 1.73 NM NE OF AIRPORT. 1510302054-1604272053EST.

LAKEVIEW

Lakeview-Griffith Field

FDC 5/7230 13C IAP LAKEVIEW-GRIFFITH FIELD, LAKEVIEW, MI. VOR/DME RWY 10, ORIG-B...TERMINAL ROUTE MKG VORTAC TO WOFMY NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 1507172054-1601132054EST.

FDC 5/6378 13C IAP LAKEVIEW-GRIFFITH FIELD, LAKEVIEW, MI. VOR/DME RWY 10, ORIG-B...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1508201913-1603181913EST.

LAMBERTVILLE

Toledo Suburban

FDC 5/9765 DUH IAP TOLEDO SUBURBAN, LAMBERTVILLE, MI. VOR OR GPS-A, AMDT 7...CIRCLING MDA 1320/HAA 651 ALL CATS. 1508080013-1603030013EST.

FDC 5/2742 DUH IAP TOLEDO SUBURBAN, LAMBERTVILLE, MI. VOR OR GPS-A, AMDT 7...CIRCLING MDA 1320/HAA 651 ALL CATS, VIS CAT C 1 3/4.. CHART FAS OBST: 906 TOWER 413943N/0833909W. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TOLEDO EXPRESS ALTIMETER SETTING.. THIS IS VOR OR GPS-A, AMDT 7A. 1508141207-PERM.

LANSING

Capital Region Intl

FDC 5/4978 LAN IAP CAPITAL REGION INTL, LANSING, MI. RADAR 1, AMDT 15...ASR 6 MINIMUMS NA. 1508031317-1602291316EST.

LAPEER

Dupont-Lapeer

FDC 5/8211 D95 IAP DUPONT-LAPEER, LAPEER, MI. RNAV (GPS) RWY 36, ORIG-A...CIRCLING CAT B MDA 1380/HAA 545. CHART NOTE: CIRCLING NA TO RWYS 9 AND 27. DELETE NOTE: RWY 36 STRAIGHT-IN AND CIRCLING AND CIRCLING TO RWY 09 NA AT NIGHT. CHANGE HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. THIS IS RNAV (GPS) RWY 36, ORIG-B. 1511041926-PERM.

FDC 5/8209 D95 IAP DUPONT-LAPEER, LAPEER, MI. RNAV (GPS) RWY 18, ORIG-A...CIRCLING CAT B MDA 1380/HAA 545. CHART NOTE: CIRCLING NA TO RWYS 9 AND 27. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. DELETE NOTE: CIRCLING TO RWY 9 NA AT NIGHT. DELETE NOTE: VISIBILITY REDUCTION BELOW 1 SM NA. THIS IS RNAV (GPS) RWY 18, ORIG-B. 1511041923-PERM.

FDC 5/8122 D95 IAP DUPONT-LAPEER, LAPEER, MI. VOR-A, ORIG...NOTE: CIRCLING NA TO RWYS 9 AND 27. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. 1511041833-1605021833EST.

FDC 5/7560 D95 IAP DUPONT-LAPEER, LAPEER, MI. VOR-A, ORIG...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, PSI VOR OUT OF SERVICE. 1511032141-1605012141EST.

LIVONIA

St Mary Mercy Hospital

FDC 5/7283 2MI2 SPECIAL ST MARY MERCY HOSPITAL, LIVONIA, MI. COPTER GPS 187, ORIG...PROCEDURE NA. 1511031618-1605011618EST.

LUDINGTON

Mason County

FDC 5/5203 LDM IAP MASON COUNTY, LUDINGTON, MI. RNAV (GPS) RWY 26, ORIG...LNAV/VNAV DA 1078/HAT 432 ALL CATS. VIS 1 1/2 MILE ALL CATS. 1505211721-1512171721EST.

FDC 5/0815 LDM ODP MASON COUNTY, LUDINGTON, MI. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 6...TAKEOFF MINIMUMS: RWY 26, 300-1 OR STANDARD WITH A MINIMUM CLIMB GRADIENT OF 310 FEET PER NM TO 900. NOTE: RWY 19, POLE 1087 FT FROM DER, 574 FT RIGHT OF CENTERLINE, 29 FT AGL/675 FT MSL. NOTE: RWY 26, TREES BEGINNING 149 FT FROM DER, 80 FT LEFT OF CENTERLINE TO 2080 FT RIGHT OF CENTERLINE, UP TO 78 FT AGL/724 FT MSL. POLES BEGINNING 375 FT FROM DER, 745 FT LEFT OF CENTERLINE TO 385 FT RIGHT OF CENTERLINE, UP TO 39 FT AGL/ 680 FT MSL. BUILDING 463 FT FROM DER, 505 FT RIGH OF CENTERLINE, UP TO 27 FT AGL/ 668 FT MSL. FENCE 372 FT FROM DER, 306 FT RIGHT OF CENTERLINE, UP TO 17 FT AGL/ 658 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1509151604-1604131604EST.

MARQUETTE

Sawyer Intl

FDC 5/6074 SAW ODP SAWYER INTL, MARQUETTE, MI. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKEOFF OBSTACLE NOTES: RWY 1, NAVAID 40 FT FROM DER, 114 FT LEFT OF CENTERLINE, 2FT AGL/1225 FT MSL; NAVAID 40 FT FROM DER, 114 FT RIGHT OF CENTERLINE, 2FT AGL/1224 FT MSL. TREES BEGINNING 1529 FT FROM DER, 853 FT LEFT OF CENTERLINE, UP TO 75 FT AGL/1296 FT MSL; TREE 2749 FT FROM DER, 897 FT RIGHT OF CENTERLINE, 75 FT AGL/1295 FT MSL. DISREGARD RWY 19 TAKEOFF OBSTACLES.. 1510302037-1604272037EST.

FDC 5/6073 SAW IAP SAWYER INTL, MARQUETTE, MI. VOR RWY 1, ORIG...S-I MDA 1660/HAT 480 ALL CATS. 1510302037-1604272037EST.

MENOMINEE

Menominee-Marquette Twin County

FDC 5/3730 MNM IAP MENOMINEE-MARINETTE TWIN COUNTY, MENOMINEE, MI. ILS OR LOC RWY 3, AMDT 2B...NDB RWY 3, AMDT 3...RNAV (GPS) RWY 21, ORIG...RNAV (GPS) RWY 3, ORIG...VOR-A, AMDT 3...NOTE: NIGHT LANDING: RWY 14, 32 NA. 1510272026-1604242026EST.

MIDLAND

Jack Barstow

FDC 5/3585 IKW IAP JACK BARSTOW, MIDLAND, MI. RNAV (GPS) RWY 24, AMDT 1...RNAV (GPS) RWY 6, AMDT 1...NOTE: PROCEDURE NA AT NIGHT.. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. 1510271815-1604241815EST.

FDC 5/3584 IKW IAP JACK BARSTOW, MIDLAND, MI. VOR-A, AMDT 7...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1510271815-1604241815EST.

MONROE

Custer

FDC 5/4092 TTF IAP CUSTER, MONROE, MI. RNAV (GPS) RWY 21, ORIG...VOR RWY 21, AMDT 2...NOTE: NIGHT LANDING: RWY 3 NA. 1510281352-1604251352EST.

FDC 5/4084 TTF IAP CUSTER, MONROE, MI. RNAV (GPS) RWY 3, ORIG...NOTE: NIGHT LANDING: RWY 3 NA. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY BELOW 1 SM NOT AUTHORIZED. 1510281351-1604251351EST.

FDC 5/4079 TTF IAP CUSTER, MONROE, MI. VOR RWY 3, AMDT 2...NOTES: NIGHT LANDING: RWY 3 NA. HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1510281349-1604251349EST.

MUSKEGON

Muskegon County

FDC 5/7234 MKG IAP MUSKEGON COUNTY, MUSKEGON, MI. ILS OR LOC RWY 24, AMDT 5...ILS OR LOC RWY 32, AMDT 19...MISSED APPROACH: CLIMB TO 2500 THEN CLIMBING RIGHT TURN TO 3000 DIRECT HIC VOR/DME AND HOLD. 1507172054-1601132054EST.

FDC 5/7233 MKG IAP MUSKEGON COUNTY, MUSKEGON, MI. LOC BC RWY 14, AMDT 9A...MISSED APPROACH: CLIMB TO 2500 THEN CLIMBING LEFT TURN TO 3000 DIRECT HIC VOR/DME AND HOLD. 1507172054-1601132054EST.

FDC 5/3152 MKG IAP MUSKEGON COUNTY, MUSKEGON, MI. VOR-A, AMDT 21...PROCEDURE NA. 1509012001-1602282001EST.

NEW HUDSON

Oakland Southwest

FDC 5/7530 Y47 ODP OAKLAND SOUTHWEST, NEW HUDSON, MI. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...CHANGE ALL RWY 7-25 REFERENCE TO RWY 8-26. ALL OTHER DATA REMAINS AS PUBLISHED. 1507191845-1602151845EST.

FDC 5/4180 Y47 IAP OAKLAND SOUTHWEST, NEW HUDSON, MI. VOR OR GPS-A, AMDT 3B...NOTE: PROCEDURE NA AT NIGHT. DISREGARD NOTE: NIGHT VISIBILITY MINIMUMS 2 MILES. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING TO RWY 8 NA AT NIGHT. 1510281512-1604251512EST.

PELLSTON

Pellston Rgnl Airport Of Emmet County

FDC 5/2368 PLN IAP PELLSTON RGNL AIRPORT OF EMMET COUNTY, PELLSTON, MI. ILS OR LOC RWY 32, AMDT 11A...NOTE: NIGHT LANDING: RWY 5 NA. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 5 NA AT NIGHT. 1511122228-1605102228EST.

PONTIAC

Oakland County Intl

FDC 5/9999 PTK IAP OAKLAND COUNTY INTL, PONTIAC, MI. LOC BC RWY 27L, AMDT 1...RADAR REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, PSI TACAN OUT OF SERVICE. 1511082122-1512132122EST.

FDC 5/2338 PTK SID OAKLAND COUNTY INTL, PONTIAC, MI. PALACE EIGHT DEPARTURE...ST. CLAIR EIGHT DEPARTURE...NOTE: ATC ASSIGNED ONLY. 1508312203-1603282203EST.

ROGERS CITY

Presque Isle County

FDC 5/6940 PZQ IAP PRESQUE ISLE COUNTY, ROGERS CITY, MI. RNAV (GPS) RWY 9, ORIG...NOTE: NIGHT LANDING: RWY 9 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 9 NA AT NIGHT. 1511022127-1604302127EST.

SAGINAW

Saginaw County H W Browne

FDC 5/6045 HYX IAP SAGINAW COUNTY H W BROWNE, SAGINAW, MI. ILS OR LOC/DME RWY 27, ORIG-C...CHART PLANVIEW NOTE: DME REQUIRED. 1510141258-1604111258EST.

SAULT STE MARIE

Chippewa County Intl

FDC 5/4700 CIU IAP CHIPPEWA COUNTY INTL, SAULT STE MARIE, MI. RNAV (GPS) RWY 16, AMDT 1A...LPV MINIMA NA. 1510101732-1604071732EST.

SOUTH HAVEN

South Haven Area Rgnl

FDC 5/6684 LWA IAP SOUTH HAVEN AREA RGNL, SOUTH HAVEN, MI. RNAV (GPS) RWY 23, AMDT 1C...RNAV (GPS) RWY 5, AMDT 1C...VOR RWY 23, AMDT 11A...DISREGARD NOTE: PROCEDURE NA AT NIGHT. CHANGE HELICOPTER VISIBILITY NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1509252123-1604222121EST.

SPARTA

Paul C Miller-Sparta

FDC 5/7235 8D4 IAP PAUL C MILLER-SPARTA, SPARTA, MI. VOR-A, AMDT 4A...PROCEDURE NA. 1507172054-1601132054EST.

FDC 5/1696 8D4 IAP PAUL C MILLER-SPARTA, SPARTA, MI. RNAV (GPS) RWY 25, ORIG...RNAV (GPS) RWY 7, ORIG...DESCENT ANGLE 3.04/TCH 40 NA. 1506031605-1512301605EST.

TRAVERSE CITY

Cherry Capital

FDC 5/9725 TVC IAP CHERRY CAPITAL, TRAVERSE CITY, MI. RNAV (GPS) RWY 28, ORIG...LNAV VISIBILITY CAT C/D 1 5/8. CHANGE TAA NO PT DESIGNATION TO EAST SECTOR (189 INBOUND THRU 009 INBOUND, 3200), WEST SECTOR (009 INBOUND THRU 189 INBOUND, 3500) PT REQUIRED. 1511061959-1605041959EST.

FDC 5/2985 TVC IAP CHERRY CAPITAL, TRAVERSE CITY, MI. RNAV (GPS) RWY 36, ORIG...NOTE: NIGHT LANDING RWY 18 NA. DISREGARD NOTE: RWY 36 STRAIGHT-IN AND CIRCLING AND CIRCLING TO RWY 18 NA AT NIGHT. PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE 3.50/TCH 56). 1507091707-1601051707EST.

MINNESOTA

AUSTIN

Austin Muni

FDC 5/3606 AUM IAP AUSTIN MUNI, AUSTIN, MN. VOR RWY 17, AMDT 2...PROCEDURE NA. 1510081531-1604051531EST.

BAUDETTE

Baudette Intl

FDC 5/7958 BDE IAP BAUDETTE INTL, BAUDETTE, MN. ILS OR LOC/DME RWY 30, ORIG...RNAV (GPS) RWY 12, AMDT 1...RNAV (GPS) RWY 30, AMDT 2...VOR RWY 30, AMDT 10...VOR/DME RWY 12, AMDT 5...NIGHT LANDING: RWY 30 NA. 1511041600-1605021600EST.

BLUE EARTH

Blue Earth Muni

FDC 5/3970 SBU IAP BLUE EARTH MUNI, BLUE EARTH, MN. NDB OR GPS RWY 34, AMDT 1...S-34 MDA 1760/HAT 653 ALL CATS, VIS CAT C 1 3/4. CIRCLING MDA 1760/HAA 653 ALL CATS, VIS CAT C 1 3/4 MILE. 1507130413-1602090413EST.

BUFFALO

Buffalo Muni

FDC 5/1929 CFE ODP BUFFALO MUNI, BUFFALO, MN. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...NOTE: RWY 18, BUILDING 202 FEET FROM DEPARTURE END OF RWY, 489 FEET RIGHT OF CENTERLINE, 28 AGL/990 MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1507081517-1602041517EST.

CALEDONIA

Houston County

FDC 5/4843 CHU IAP HOUSTON COUNTY, CALEDONIA, MN. VOR/DME OR GPS-A, AMDT 3...NOTE: PROCEDURE NA AT NIGHT. 1505211350-1512171349EST.

DULUTH

St Mary's Hospital

FDC 5/7255 MN33 SPECIAL ST MARY&APOS;S HOSPITAL, DULUTH, MN. COPTER RNAV (GPS) 190, AMDT 1...COPTER RNAV (GPS) 330, ORIG...PROCEDURE NA. 1511031603-1605011603EST.

FDC 5/5960 MN33 SPECIAL ST MARY&APOS;S HOSPITAL, DULUTH, MN. COPTER GPS 330, ORIG...COPTER RNAV (GPS) 190, AMDT 1...IFR DEPARTURE NA. 1510301957-1604271957EST.

FAIRMONT

Fairmont Muni

FDC 5/9505 FRM IAP FAIRMONT MUNI, FAIRMONT, MN. ILS OR LOC RWY 31, ORIG-D...S-ILS 31 DA 1480/HAT 318. DISREGARD NOTE: S-ILS-31: INOPERATIVE TABLE DOES NOT APPLY. 1511061701-1605041701EST.

FARIBAULT

District One Hospital

FDC 5/5958 MN59 SPECIAL DISTRICT ONE HOSPITAL, FARIBAULT, MN. COPTER RNAV (GPS) 270, ORIG...IFR DEPARTURE NA. 1510301957-1604271957EST.

Faribault Muni

FDC 5/2764 FBL IAP FARIBAULT MUNI, FARIBAULT, MN. RNAV (GPS) RWY 30, AMDT 1B...LPV DA NA. 1511131530-1605111530EST.

FDC 5/1801 FBL ODP FARIBAULT MUNI, FARIBAULT, MN. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...CHANGE NOTE TO READ: NOTE RWY 12, VEHICLES ON ROAD BEGINNING 324 FT FROM DER, 335 FT LEFT OF CENTERLINE, UP TO 15 FT AGL/1062 FT MSL. VEHICLES ON ROAD BEGINNING 27 FT FROM DER, 287 FT RIGHT OF CENTERLINE, UP TO 15 FT AGL/1063 FT MSL. TREES BEGINNING 123 FT FROM DER, 462 FT RIGHT OF CENTERLINE, UP TO 60 FT AGL/1109 FT MSL. POLES BEGINNING 372 FT FROM DER, 492 FT LEFT OF CENTERLINE, UP TO 42 FT AGL/1085 FT MSL. BUILDING 799 FT FROM DER, 703 FT LEFT OF CENTERLINE, 25 FT AGL/1072 FT MSL. CHIMNEY 980 FT FROM DER, 670 FT LEFT OF CENTERLINE, 47 FT AGL/1084 FT MSL. RWY 30, TREES BEGINNING 17 FT FROM DER, 261 FT LEFT OF CENTERLINE, UP TO 44 FT AGL/1127 FT MSL. TREES BEGINNING 1467 FT FROM DER, 61 FT LEFT OF CENTERLINE, UP TO 16 FT AGL/1102 FT MSL. TREES BEGINNING 2368 FT FROM DER, 649 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/1146 FT MSL. NAVAID 39 FT FROM DER, 112 FT LEFT OF CENTERLINE, 6 FT AGL/1061 FT MSL. TERRAIN 87 FT FROM DER, 342 FT RIGHT OF CENTERLINE, UP TO 1064 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1506031625-1512301620EST.

INTERNATIONAL FALLS

Falls Intl-Einarson Field

FDC 5/5557 INL IAP FALLS INTL-EINARSON FIELD, INTERNATIONAL FALLS, MN. ILS OR LOC RWY 31, AMDT 10B...CHANGE NOTE TO READ: AUTOPILOT COUPLED APPROACH NA BELOW 1731. 1510301327-1604271327EST.

JACKSON

Jackson Muni

FDC 5/8249 MJQ IAP JACKSON MUNI, JACKSON, . RNAV (GPS) RWY 13, AMDT 1A...MISSED APPROACH: CLIMB TO 4200 DIRECT MCQIN AND HOLD SE, RT, 315.00 INBOUND. 1510161907-1604131907EST.

LONGVILLE

Longville Muni

FDC 5/9307 XVG IAP LONGVILLE MUNI, LONGVILLE, MN. NDB RWY 31, ORIG...RNAV (GPS) RWY 31, ORIG...NIGHT LANDING: RWY 13 NA. 1511061542-1606171542EST.

FDC 5/3966 XVG IAP LONGVILLE MUNI, LONGVILLE, MN. RNAV (GPS) RWY 31, ORIG...PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. 1507130411-1602090411EST.

MADISON

Lac Qui Parle County

FDC 5/8460 DXX IAP LAC QUI PARLE COUNTY, MADISON, MN. NDB RWY 32, AMDT 4A...RNAV (GPS) RWY 14, ORIG-A...RNAV (GPS) RWY 32, ORIG-A...NOTE: CIRCLING NA TO RWYS 9 AND 27. 1505281530-1512241529EST.

MANKATO

Immanuel - St Joseph's Hospital

FDC 5/4026 3MN6 IAP IMMANUEL - ST JOSEPH S HOSPITAL, MANKATO, MN. COPTER GPS 270, ORIG...H-270 MDA 1460 / HAS 436. 1509211549-1604191549EST.

Mankato Rgnl

FDC 5/7275 MKT IAP MANKATO RGNL, MANKATO, MN. VOR RWY 33, AMDT 8...LUCET FIX MINIMUMS CIRCLING CAT A MDA 1460/HAA 439. THIS IS VOR RWY 33, AMDT 8A. 1509091456-PERM.

FDC 5/7274 MKT IAP MANKATO RGNL, MANKATO, MN. VOR RWY 15, AMDT 7...EBXIB FIX MINIMUMS CIRCLING CAT A MDA 1460/HAA 439. THIS IS VOR RWY 15, AMDT 7A. 1509091456-PERM.

FDC 5/7273 MKT IAP MANKATO RGNL, MANKATO, MN. RNAV (GPS) RWY 33, ORIG...RNAV MDA/HAT 1380/359 ALL CATS, VIS CAT C/D 5/8. CIRCLING CAT A MDA/HAA 1460/439. CHANGE LOCAL ALTIMETER NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WASECA ALTIMETER SETTING: INCREASE LPV DA TO 1278 FT, RNAV/VNAV DA TO 1432 FT AND RNAV/VNAV VISIBILITY 1/8 MILE ALL CATS; INCREASE ALL MDA 60 FT AND RNAV CATS C AND D VISIBILITY 1/8 MILE. CHART NOTE: FOR INOPERATIVE MALSR, INCREASE RNAV/VNAV ALL CATS VISIBILITY TO 1 1/8 MILE AND RNAV CATS C AND D VISIBILITY TO 1 MILE. CHANGE WHEN USING WASECA ALTIMETER SETTING NOTE TO READ: FOR INOPERATIVE MALSR WHEN USING WASECA ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO 7/8 MILE AND RNAV CAT C AND D VISIBILITY TO 1 1/8 MILE. DELETE NOTE: INOPERATIVE TABLE DOES NOT APPLY TO RNAV CAT D. CHART VDP AT 0.98 MILES TO RW33*. CHART FAS OBST 1124 TREE 441304N/0935430W. THIS IS RNAV (GPS) RWY 33 ORIG-A. 1509091455-PERM.

FDC 5/7271 MKT IAP MANKATO RGNL, MANKATO, MN. RNAV (GPS) RWY 15, ORIG...LPV VIS 1 1/8 AND RNAV/VNAV VIS 1 3/8 ALL CATS. RNAV CAT D VIS 1. CIRCLING CAT A MDA 1460/HAA 439. CHANGE WHEN LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WASECA ALTIMETER SETTING; INCREASE LPV DA TO 1430 FT, RNAV/VNAV DA TO 1473 FT AND VISIBILITY LPV 1/4 MILE AND RNAV/VNAV 1/8 MILE ALL CATS; INCREASE ALL MDA 60 FT AND VISIBILITY RNAV CAT C AND D 1/4 MILE. CHART VDP AT 1.04 MILES TO RW15*, *RNAV ONLY. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. 34:1 IS CLEAR. THIS IS RNAV (GPS) RWY 15 ORIG-A. 1509091454-PERM.

MAPLE LAKE

Maple Lake Muni

FDC 5/9710 MGG IAP MAPLE LAKE MUNI, MAPLE LAKE, MN. VOR-A, AMDT 4A...PROCEDURE NA. 1508072341-1603032341EST.

MARSHALL

Southwest Minnesota Rgnl Marshall/Ryan Fld

FDC 5/7677 MML ODP SOUTHWEST MINNESOTA RGNL MARSHALL/Ryan FLD, MARSHALL, MN. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...ADD TO TAKEOFF OBSTACLE NOTES: RWY 2: RUNWAY LIGHT 39 FEET FROM DER, 79 FEET LEFT OF CENTERLINE, 3 FEET AGL/1174 FEET MSL; TREES BEGINNING 1324 FEET FROM DER, 796 FEET LEFT OF CENTERLINE, UP TO 89 FEET AGL/1256 FEET MSL. RWY 20: RUNWAY LIGHT 42 FEET FROM DER, 77 FEET LEFT OF CENTERLINE, 2 FEET AGL, 1183 FEET MSL; RUNWAY LIGHT 41 FEET FROM DER, 78 FEET RIGHT OF CENTERLINE, 2 FEET AGL/ 1182 FEET MSL. ALL OTHER DATA REMAINS AS PUBLISHED.. THIS IS TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, AMDT 2A. 1508241520-PERM.

MINNEAPOLIS

Airlake

FDC 5/4710 LVN IAP AIRLAKE, MINNEAPOLIS, MN. VOR RWY 12, AMDT 2...NOTE: NIGHT LANDING: RWY 12 NA. DISREGARD NOTE: WHEN VGSI INOPERATIVE, STRAIGHT-IN/CIRCLING RWY 12 PROCEDURE NA AT NIGHT. 1510101740-1604071739EST.

FDC 5/4706 LVN IAP AIRLAKE, MINNEAPOLIS, MN. ILS OR LOC RWY 30, ORIG-F...RNAV (GPS) RWY 30, ORIG-A...NOTE: NIGHT LANDING: RWY 12 NA. 1510101738-1604071738EST.

FDC 5/4702 LVN IAP AIRLAKE, MINNEAPOLIS, MN. RNAV (GPS) RWY 12, ORIG...LPV MINIMUMS NA. LNAV/VNAV MINIMUMS NA. LNAV MDA 1500/HAT 540 ALL CATS. VIS CAT C/D 1 1/2. NOTE: WHEN USING MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN ALTIMETER SETTING INCREASE LNAV CAT C/D AND CIRCLING CAT C/D VISIBILITY 3/8 MILE. NOTE: NIGHT LANDING: RWY 12 NA. DISREGARD NOTE: WHEN VGSI INOPERATIVE, PROCEDURE NA AT NIGHT. 1510101737-1604071737EST.

Anoka County-Blaine Arpt(Janes Field)

FDC 5/3166 ANE IAP ANOKA COUNTY-BLAINE ARPT(JANES FIELD), MINNEAPOLIS, MN. RNAV (GPS) RWY 27, ORIG-A...LNAV CAT C VIS 3/4. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CRYSTAL ALTIMETER SETTING AND INCREASE ALL DA/MDA 40 FEET AND INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE. DISREGARD NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV CAT C VISIBILITY TO 1 1/4. 1510271344-1606071343EST.

Crystal

FDC 5/6911 MIC IAP CRYSTAL, MINNEAPOLIS, MN. VOR OR GPS-A, AMDT 9D...NOTE: CIRCLING NA TO RWYS 6R AND 24L. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1509082306-1604052306EST.

FDC 5/6910 MIC IAP CRYSTAL, MINNEAPOLIS, MN. RNAV (GPS) RWY 14L, ORIG...NOTE: CIRCLING NA TO RWYS 6R AND 24L. 1509082306-1604052306EST.

Minneapolis-St Paul Intl/Wold-Chamberlain

FDC 5/8692 MSP STAR MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN, MINNEAPOLIS, MN. MUSCL TWO RNAV ARRIVAL...KAMMA TRANSITION ATC ASSIGNED ONLY. 1508061630-PERM.

FDC 5/8691 MSP STAR MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN, MINNEAPOLIS, MN. BLUEM TWO RNAV ARRIVAL...HELLO TRANSITION ATC ASSIGNED ONLY. 1508061630-PERM.

FDC 5/4673 MSP STAR MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN, MINNEAPOLIS, MN. WILDD THREE ARRIVAL...PROCEDURE NOT AUTHORIZED N/A. 1503240600-PERM.

FDC 5/1644 MSP SID MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN, MINNEAPOLIS, MN. WLSTN SIX DEPARTURE...DEPARTURE CROSSING RESTRICTIONS: RWYS 30L/R REQUIRE AN ATC CLIMB GRADIENT OF 380 FT PER NM TO 3500. ALL OTHER DATA REMAINS AS PUBLISHED. 1509161615-1604141614EST.

FDC 5/0604 MSP IAP MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN, MINNEAPOLIS, MN. RNAV (GPS) RWY 4, AMDT 2B...LNAV/VNAV DA 1277/HATH 445 ALL CATS. VIS RVR 5000 ALL CATS. FOR INOPERATIVE MALSR, INCREASE LPV CAT E VISIBILITY TO RVR 4000, LNAV/VNAV CAT E VISIBILITY TO 1 1/2 MILE AND LNAV CAT E VISIBILITY TO 1 1/4 MILE. BUILDING, 991 MSL, 1.15 NM SOUTH OF APPROACH END RWY 4. 1508111112-1602071112EST.

MONTEVIDEO

Montevideo-Chippewa County

FDC 5/1174 MVE IAP MONTEVIDEO-CHIPPEWA COUNTY, MONTEVIDEO, MN. VOR RWY 14, AMDT 5A...NOTE: NIGHT LANDING: RWY 14 NA. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 14 PROCEDURE NA AT NIGHT. 1507281219-1601241219EST.

NEW ULM

New Ulm Muni

FDC 5/3384 ULM IAP NEW ULM MUNI, NEW ULM, MN. RNAV (GPS) RWY 15, ORIG-B...CIRCLING CAT A/B MDA 1540/HAA 529, CAT C MDA 1560/HAA 549. TEMPORARY CRANE 1173 MSL 2206 FEET NE OF RWY 33.. 1509021028-1602291028EST.

FDC 5/3383 ULM IAP NEW ULM MUNI, NEW ULM, MN. RNAV (GPS) RWY 33, ORIG-A...LNAV/VNAV DA 1385/HAT 382 ALL CATS, VISIBILITY 1 ALL CATS. LNAV MDA 1480/HAT, VISIBILITY CAT C/D 1. CIRCLING CAT A/B MDA 1540/HAA 529, CAT C MDA 1560/HAA 549. TEMPORARY CRANE 2206 FEET NE OF RWY 33.. 1509021028-1602291028EST.

FDC 5/2809 ULM IAP NEW ULM MUNI, NEW ULM, MN. RNAV (GPS) RWY 33, ORIG-A...LPV DA 1261/HAT 250 ALL CATS. CIRCLING CAT A MDA 1440/HAA 429. NOTE: CIRCLING NA TO RWYS 4 AND 22. DISREGARD NOTE: INOP TABLE DOES NOT APPLY TO LPV ALL CATS. CHANGE FOR INOP MALSF, INCREASE LNAV/VNAV NOTE TO READ: FOR INOP MALSF, INCREASE LPV ALL CATS VISIBILITY TO 7/8 MILE, LNAV/VNAV CAT D AND LNAV CAT D TO 1 1/4 MILE. CHANGE FOR INOPERATIVE MALSF WHEN USING ST JAMES ALTIMETER SETTING NOTE TO READ: FOR INOPERATIVE MALSF WHEN USING ST JAMES ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO 1 MILE, LNAV/VNAV CAT D TO 1 1/8 MILE, AND LNAV CAT D TO 1 1/4 MILE. 1510261909-1604231909EST.

ORTONVILLE

Ortonville Muni-Martinson Field

FDC 5/5835 VVV IAP ORTONVILLE MUNI-MARTINSON FIELD, ORTONVILLE, MN. NDB RWY 34, AMDT 2A...TERMINAL ROUTE ATY VORTAC TO VVV NDB: MINIMUM ALTITUDE 3900. 1509051316-1604041316EST.

PARK RAPIDS

Park Rapids Muni-Konshok Field

FDC 5/5852 PKD IAP PARK RAPIDS MUNI-KONSHOK FIELD, PARK RAPIDS, MN. ILS OR LOC RWY 31, AMDT 1C...CHANGE ALL REFERENCE TO RWY 17/35 TO RWY 18/36. NOTE: NIGHT LANDING: RWY 18/36 NA. 1509051332-1604041332EST.

FDC 5/5851 PKD IAP PARK RAPIDS MUNI-KONSHOK FIELD, PARK RAPIDS, MN. NDB RWY 31, AMDT 2A...RNAV (GPS) RWY 13, ORIG-A...RNAV (GPS) RWY 31, ORIG-A...VOR RWY 31, AMDT 14A...VOR/DME RWY 13, AMDT 9A...CHANGE ALL REFERENCE TO RWY 17/35 TO RWY 18/36. NOTE: NIGHT LANDING: RWY 18/36 NA. DISREGARD NOTE: CIRCLING TO RWY 17/35 NA AT NIGHT. 1509051332-1604041332EST.

PRESTON

Fillmore County

FDC 5/9628 FKA IAP FILLMORE COUNTY, PRESTON, MN. RNAV (GPS) RWY 29, AMDT 1A...NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 29 PROCEDURE NA AT NIGHT. 1511061739-1605041739EST.

FDC 5/9627 FKA IAP FILLMORE COUNTY, PRESTON, MN. RNAV (GPS) RWY 11, ORIG-A...NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 29 NA AT NIGHT. 1511061739-1605041739EST.

RED WING

Red Wing Rgnl

FDC 5/7534 RGK ODP RED WING RGNL, RED WING, MN. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...TAKE-OFF MINIMUMS: RWY 9, STANDARD WITH MINIMUM CLIMB OF 338 FT PER NM TO 1700. ALL OTHER DATA REMAINS AS PUBLISHED. 1507191900-1602151900EST.

ROCHESTER

Mayo Clinic - Saint Marys Hospital

FDC 5/7293 99MN SPECIAL MAYO CLINIC - SAINT MARYS HOSPITAL, ROCHESTER, MN. COPTER GPS 140, ORIG...COPTER GPS 326, ORIG...PROCEDURE NA. 1511031624-1605011624EST.

FDC 5/5961 99MN SPECIAL MAYO CLINIC - SAINT MARYS HOSPITAL, ROCHESTER, MN. COPTER GPS 140, ORIG...COPTER GPS 326, ORIG...IFR DEPARTURE NA. 1510301957-1604271957EST.

ST PAUL

St Paul Downtown Holman Fld

FDC 5/5124 STP ODP ST PAUL DOWNTOWN HOLMAN FLD, ST PAUL, MN. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 8...TAKE-OFF MINIMUMS: RWY 32, STANDARD WITH A MINIMUM CLIMB OF 446 PER NM TO 1000. NOTE: RWY 32, TEMPORARY CRANES BEGINNING 3636 FEET FROM DER, 964 FEET LEFT OF CENTERLINE, UP TO 145 FEET AGL/ 850 FEET MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1506091106-1512061106EST.

TOWER

Tower Muni

FDC 5/8839 12D IAP TOWER MUNI, TOWER, MN.
RNAV (GPS) RWY 26, ORIG...DESCENT ANGLE
3.04/TCH 40 NA. 1505281816-1511241816EST.

WESTBROOK

Sanford Westbrook Clinic

FDC 5/5224 4MN6 SPECIAL SANFORD WESTBROOK
CLINIC, WESTBROOK, MN. COPTER RNAV (GPS) 01,
ORIG...NOTE: TERMINATE APPROACH AT OR ABOVE
20 FEET HELIPORT CROSSING HEIGHT (HCH).
1509232151-1604212151EST.

WHEATON

Wheaton Muni

FDC 5/9581 ETH ODP WHEATON MUNI, WHEATON,
MN. TAKEOFF MINIMUMS AND (OBSTACLE)
DEPARTURE PROCEDURES AMDT 1...NOTE: RWY 16
TREES BEGINNING 252 FT FROM DER, 459 FT LEFT
OF CENTERLINE, UP TO 93FT AGL/1116 FT MSL.
TREES BEGINNING 540 FT FROM DER, 329 FT RIGHT
OF CENTERLINE, UP TO 102 FT AGL/1125 FT MSL.
POLE 591 FT FROM DER, 483 FT RIGHT OF
CENTERLINE, 40 FT AGL/1061 FT MSL. POLE 760 FT
FROM DER, 668 FT LEFT OF CENTERLINE, 32 FT
AGL/1055 FT MSL. BLDGS 806 FT FROM DER, 503 FT
RIGHT OF CENTERLINE, UP TO 28 FT AGL/1047 FT
MSL. TREES BEGINNING 1193 FT FROM DER, 3 FT
RIGHT OF CENTERLINE UP TO 93 FT AGL/1116 FT
MSL. NOTE: RWY 34 BLDGS BEGINNING 2 FT FROM
DER, 453 FT RIGHT OF CENTERLINE, UP TO 21 FT
AGL/ 1044 FT MSL. VEHICLE ON ROAD, 284 FT
FROM DER, LEFT AND RIGHT OF CENTERLINE, 17FT
AGL/ 1025 FT MSL. TREES BEGINNING 97 FT FROM
DER, 496 FT RIGHT OF CENTERLINE, UP TO 55 FT
AGL/1078 FT. ALL OTHER DATA REMAINS AS
PUBLISHED. 1511061713-1605041712EST.

WINDOM

Windom Muni

FDC 5/8581 MWM IAP WINDOM MUNI, WINDOM,
MN. RNAV (GPS) RWY 35, ORIG...LNAV MDA
1840/HAT 429 ALL CATS, CAT C VISIBILITY 1 1/4.
CIRCLING HAA 489 ALL CATS. DELETE NOTE: GPS
OR RNP-0.3 REQUIRED. DELETE NOTE: PROCEDURE
NOT AUTHORIZED AT NIGHT. CHART NOTE:
HELICOPTER VISIBILITY REDUCTION BELOW 3/4
SM NOT AUTHORIZED. CHART AIRPORT ELEV 1411.
CHART TDZE 1411. CHART FAS OBST: 1588 TWR
435252N/0950712W. THIS IS RNAV (GPS) RWY 35
ORIG-A. 1508251657-PERM.

WINONA

Winona Muni-Max Conrad Fld

FDC 5/6958 ONA IAP WINONA MUNI-MAX CONRAD
FLD, WINONA, MN. VOR-A, AMDT 13...NOTE: NIGHT
LANDING: RWY 17, 35 NA. NOTE: HELICOPTER
VISIBILITY REDUCTION BELOW 1 SM NOT
AUTHORIZED. 1511022227-1604302227EST.

FDC 5/6957 ONA IAP WINONA MUNI-MAX CONRAD
FLD, WINONA, MN. VOR RWY 30, AMDT 16A...S-30
VISIBILITY CAT A/B 1 MILE. DME MINIMUMS NA.
VDP NA. NOTE: NIGHT LANDING: RWY 17, 30, 35 NA.
NOTE: HELICOPTER VISIBILITY REDUCTION
BELOW 1 SM NOT AUTHORIZED.
1511022227-1604302227EST.

FDC 5/6956 ONA IAP WINONA MUNI-MAX CONRAD
FLD, WINONA, MN. NDB RWY 30, ORIG...NOTE:
NIGHT LANDING: RWY 17, 35 NA.
1511022227-1604302227EST.

FDC 5/6954 ONA IAP WINONA MUNI-MAX CONRAD
FLD, WINONA, MN. LOC RWY 30, ORIG...S-30 MDA
1240/HAT 585 ALL CATS, VISIBILITY CAT C 1 1/4. VDP
AT 2.68 DME, DISTANCE VDP TO THRESHOLD 1.70
NM. NOTE: NIGHT LANDING: RWY 17, 35 NA.
1511022227-1604302227EST.

WORTHINGTON

Worthington Muni

FDC 5/4983 OTG IAP WORTHINGTON MUNI,
WORTHINGTON, MN. RNAV (GPS) RWY 18,
ORIG-A...RNAV (GPS) RWY 36, ORIG...LPV
VISIBILITY 1 ALL CATS. LNAV/VNAV VISIBILITY 1
ALL CATS. 1508031339-1602291339EST.

MISSISSIPPI

BAY ST LOUIS

Stennis Intl

FDC 5/6745 HSA IAP STENNIS INTL, BAY ST LOUIS,
MS. VOR-A, AMDT 7A...PROCEDURE NA.
1506261730-1512231730EST.

FDC 5/1366 HSA IAP STENNIS INTL, BAY ST LOUIS,
MS. NDB RWY 18, AMDT 1A...CHANGE LOCAL
ALTIMETER SETTING NOTE TO READ: WHEN
LOCAL ALTIMETER SETTING NOT RECEIVED, USE
GULFPORT ALTIMETER SETTING AND INCREASE
ALL MDA 60 FEET AND INCREASE S-18 CATS C/D
AND CIRCLING CAT C VISIBILITY 1/4 MILE. NOTE:
HELICOPTER VISIBILITY REDUCTION BELOW 3/4
SM NOT AUTHORIZED. 1510061322-1605161322EST.

BROOKHAVEN

Brookhaven-Lincoln County

FDC 5/3438 1R7 ODP BROOKHAVEN-LINCOLN COUNTY, BROOKHAVEN, MS. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG.NOTE: RWY 4, VEHICLES ON ROAD, TREE, BUILDING, AND POLE BEGINNING 22 FT FROM DER, 256 FT LEFT OF CENTERLINE, UP TO 38 FT AGL/524 FT MSL. TREE 42 FT FROM DER, 360 FT RIGHT OF CENTERLINE, 45 FT AGL/531 FT MSL. TREE, BUILDING AND POLES BEGINNING 141 FT FROM DER, 194 FT LEFT OF CENTERLINE, UP TO 55 FT AGL/548 FT MSL. TREES, POLES, AND BUILDING BEGINNING 191 FT FROM DER, 16 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/546 FT MSL. VEHICLES ON ROAD, TRAIN ON RAILROAD, TREES, BUILDINGS, AND POLES BEGINNING 239 FT FROM DER, 27 FT LEFT OF CENTERLINE, UP TO 80 FT AGL/568 FT MSL. TREES, POLES, AND TOWER BEGINNING 939 FT FROM DER, 119 FT RIGHT OF CENTERLINE, UP TO 570 FT MSL. TREES BEGINNING 1537 FT FROM DER, 374 FT RIGHT OF CENTERLINE, UP TO 85 FT AGL/580 FT MSL. TREES BEGINNING 1830 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/587 FT MSL. NOTE: RWY, 22 TREES AND POLE BEGINNING 10 FT FROM DER, 202 FT RIGHT OF CENTERLINE, UP TO 70 FT AGL/561 FT MSL. TREES AND POLE BEGINNING 126 FT FROM DER, 20 FT LEFT OF CENTERLINE, UP TO 65 FT AGL/557 FT MSL. TREES AND POLES BEGINNING 443 FT FROM DER, 40 FT RIGHT OF CENTERLINE, UP TO 70 FT AGL/561 FT MSL. TREES AND POLE BEGINNING 881 FT FROM DER, 10 FT ALL OTHER DATA REMAINS AS PUBLISHED. TREES AND POLES BEGINNING 1093 FT FROM DER, 46 FT LEFT OF CENTERLINE, UP TO 85 FT AGL/586 FT MSL. TREES AND TOWER BEGINNING 2335 FT FROM DER, 40 FT RIGHT OF CENTERLINE, UP TO 90 FT AGL/580 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1510081344-1604051344EST

DREW

Ruleville-Drew

FDC 5/0471 M37 IAP RULEVILLE-DREW, DREW, MS. VOR OR GPS-A, AMDT 4...PROCEDURE NA AT NIGHT. 1511092036-1605072036EST.

GULFPORT

Gulfport-Biloxi Intl

FDC 5/8153 GPT IAP U.S. DOD GULFPORT-BILOXI INTL, GULFPORT, MS. RADAR ASR RWY 14, AMDT 6B...RADAR ASR RWY 32, AMDT 6B...CIRCLING CAT D MDA 720/HAA 692 VIS 2 1/4. NOTE: NOT FOR CIVIL USE. 1510161757-1604131757EST.

FDC 5/8152 GPT IAP GULFPORT-BILOXI INTL, GULFPORT, MS. ILS OR LOC RWY 32, AMDT 4C...CIRCLING CAT D MDA 720/HAA 692 VIS 2 1/4 ALTERNATE MINIMUMS: CAT D, 700-2 1/4. 1510161757-1604131757EST.

FDC 5/8151 GPT IAP GULFPORT-BILOXI INTL, GULFPORT, MS. VOR/DME OR TACAN RWY 32, AMDT 4B...CIRCLING CAT D MDA 720/HAA 692 VIS 2 1/4 ALTERNATE MINIMUMS: CAT D, 800-2 1/4. PROFILE NOTE: VGSI AND DESCENT ANGLE NOT COINCIDENT. 1510161757-1604131757EST.

FDC 5/8145 GPT IAP GULFPORT-BILOXI INTL, GULFPORT, MS. RNAV (GPS) RWY 14, AMDT 1...RNAV (GPS) RWY 18, AMDT 1A...RNAV (GPS) RWY 32, AMDT 1...VOR RWY 14, AMDT 22...VOR RWY 32, AMDT 21B...VOR/DME OR TACAN RWY 14, AMDT 3A...CIRCLING CAT D MDA 720/HAA 692 VIS 2 1/4 ALTERNATE MINIMUMS: CAT D, 800-2 1/4. 1510161757-1604131757EST.

FDC 5/8142 GPT IAP GULFPORT-BILOXI INTL, GULFPORT, MS. ILS OR LOC RWY 14, AMDT 14B...CHANGE APT ELEV TO 28 CIRCLING CAT A HAA 472 CIRCLING CAT B/C HAA 632 CIRCLING CAT D MDA 720/HAA 692 VIS 2 1/4 CIRCLING CAT E HAA 792 ALTERNATE MINIMUMS: CAT D, 700-2 1/4. 1510161757-1604131757EST.

FDC 5/8141 GPT IAP U.S. DOD GULFPORT-BILOXI INTL, GULFPORT, MS. HI ILS OR LOC/DME RWY 14, AMDT 6A...HI ILS OR LOC/DME RWY 32, ORIG...HI TACAN RWY 14, AMDT 6...HI TACAN RWY 32, AMDT 5...CHANGE ARPT ELEV TO 28 CIRCLING CAT D MDA 720/HAA 692 VIS 2 1/4. 1510161757-1604131757EST.

FDC 5/7457 GPT IAP GULFPORT-BILOXI INTL, GULFPORT, MS. VOR RWY 14, AMDT 22...PROCEDURE NA. 1509291224-1604151224EST.

FDC 5/2648 GPT IAP GULFPORT-BILOXI INTL, GULFPORT, MS. RNAV (GPS) RWY 36, AMDT 1...LPV, LNAV/VNAV NA CIRCLING CAT D MDA 720/HAA 692 VIS 2 1/4 ALTERNATE MINIMUMS: CAT D 800-2 1/4. NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. 1510261626-1604231626EST.

HATTIESBURG/LAUREL

Hattiesburg-Laurel Rgnl

FDC 5/6690 PIB ODP HATTIESBURG-LAUREL RGNL, HATTIESBURG/LAUREL, MS. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3...NOTE: RWY 18, TREES BEGINNING 50 FT FROM DER, 264 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/343 FT MSL. TREES BEGINNING 249 FT FROM DER, 389 FT LEFT OF CENTERLINE, UP TO 49 FT AGL/342 FT MSL. CHANGE RWY 36 NOTE TO READ: TREES BEGINNING 515 FT FROM DER, 551 FT RIGHT OF CENTERLINE, UP TO 32 FT AGL/329 FT MSL. TREES BEGINNING 1580 FT FROM DER, 659 FT LEFT OF CENTERLINE, UP TO 65 FT AGL/369 FT MSL. 1506261714-1512231714EST.

HOLLY SPRINGS

Holly Springs-Marshall County

FDC 5/4108 M41 IAP HOLLY SPRINGS-MARSHALL COUNTY, HOLLY SPRINGS, MS. VOR/DME OR GPS RWY 18, AMDT 6A...S-18 CAT A/B/C MDA 1180/HAT 632. CIRCLING CAT A/B/C MDA 1180/HAA 629. S-18 AND CIRCLING CAT C VISIBILITY 1 3/4 MILE. APT ELEV 551, TDZE 548. 1511171619-1605151619EST.

INDIANOLA

Indianola Muni

FDC 5/0366 IDL IAP INDIANOLA MUNI, INDIANOLA, MS. RNAV (GPS) RWY 36, AMDT 2...LPV DA 470/HAT 350, VISIBILITY 1 1/8 ALL CATS. DISTANCE TO THLD FROM 350 HAT 0.96 NM. CHANGE ALTIMETER SETTING NOTE TO READ: USE GREENVILLE ALTIMETER SETTING; WHEN NOT RECEIVED, USE GREENWOOD ALTIMETER SETTING AND INCREASE LPV DA TO 507 AND INCREASE ALL CATS VISIBILITY 1/8 MILE, INCREASE LNAV/VNAV DA TO 465, INCREASE ALL CATS VISIBILITY 1/8 MILE, INCREASE ALL MDA 40 FEET, INCREASE LNAV CAT C/D AND CIRCLING CAT D VISIBILITY 1/4 MILE. CHANGE THRE 120 TO TDZE 120. DELETE NOTE: CIRCLING TO RWY 18 NA AT NIGHT. CHART NOTE: NIGHT LANDING: RWY 18 NA. THIS IS RNAV (GPS) RWY 36, AMDT 2A. 1509141858-PERM.

MADISON

Bruce Campbell Field

FDC 5/7024 MBO IAP BRUCE CAMPBELL FIELD, MADISON, MS. VOR/DME RWY 17, ORIG-B...DESCENT ANGLE 3.42/TCH 38 NA. 1508211917-1602171917EST.

MERIDIAN

Key Field

FDC 5/4319 MEI IAP KEY FIELD, MERIDIAN, MS. ILS OR LOC RWY 1, AMDT 26...ZUNOG FIX MINIMUMS: CIRCLING CAT E VISIBILITY 3. 1510091457-1604061457EST.

FDC 5/2869 MEI IAP KEY FIELD, MERIDIAN, MS. RNAV (GPS) RWY 19, AMDT 1...CHART TDZE 293 DELETE THRE 293. DELETE NOTE: CIRCLING TO RWY 22 NA AT NIGHT. CHART NOTE: NIGHT LANDING: RWY 22 NA. THIS IS RNAV (GPS) RWY 19, AMDT 1A. 1511131734-PERM.

FDC 5/2868 MEI IAP KEY FIELD, MERIDIAN, MS. ILS OR LOC RWY 1, AMDT 26...S-ILS 1 DA **489 ALL CATS. S-LOC 1 HAT 611 ALL CATS. ZUNOG FIX MINIMUMS: S-LOC 1 HAT 411 ALL CATS, CIRCLING CAT E VIS 3. DELETE NOTE: CIRCLING TO RWY 22 NA AT NIGHT. CHART NOTE: NIGHT LANDING: RWY 22 NA. CHART TDZE 289 DELETE THRE 287. THIS IS ILS OR LOC RWY 1, AMDT 26A. 1511131730-PERM.

FDC 5/0271 MEI IAP KEY FIELD, MERIDIAN, MS. RNAV (GPS) RWY 19, AMDT 1...PROCEDURE NA. 1508271147-1602231146EST.

FDC 4/6238 MEI IAP KEY FIELD, MERIDIAN, MS. RADAR-1, ORIG...PAR RWY 1 DA 489. ASR RWY 1 HAT 511 ALL CATS. THIS IS RADAR-1, ORIG-A. 1408211459-PERM.

OLIVE BRANCH

Olive Branch

FDC 5/3205 OLV IAP OLIVE BRANCH, OLIVE BRANCH, MS. ILS OR LOC RWY 18, AMDT 3...LOC/DME RWY 36, AMDT 1...ALTERNATE MINIMUMS NA, MEM VORTAC UNMONITORED. 1511151723-1605131723EST.

OXFORD

University-Oxford

FDC 5/3725 UOX IAP UNIVERSITY-OXFORD, OXFORD, MS. VOR/DME-A, AMDT 5A...ALTERNATE MINIMUMS NA, HLI VORTAC UNMONITORED. 1511162027-1512162027EST.

RAYMOND

John Bell Williams

FDC 5/4463 JVW IAP JOHN BELL WILLIAMS, RAYMOND, MS. RNAV (GPS) RWY 30, AMDT 3B...DISREGARD NOTE: STRAIGHT-IN AND CIRCLING TO RWY 30 NA NIGHT. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. ADD VDP AT 1.04 MILES TO RW30* *LNAV ONLY. 1510091829-1605201829EST.

TUNICA

Tunica Muni

FDC 5/3208 UTA IAP TUNICA MUNI, TUNICA, MS. VOR/DME-A, ORIG...ALTERNATE MINIMUMS NA, MEM VORTAC UNMONITORED. 1511151723-1605131723EST.

FDC 5/1727 UTA IAP TUNICA MUNI, TUNICA, MS. VOR/DME-A, ORIG...CIRCLING MDA 1000/HAA 806 ALL CATS. VISIBILITY CAT C 2 1/4, CAT D 2 3/4. MAP AT 26.3 DME. 1510231153-1605251153EST.

VICKSBURG

Vicksburg Muni

FDC 5/1008 VKS IAP VICKSBURG MUNI,
VICKSBURG, MS. RNAV (GPS) RWY 1, AMDT
1A...DESCENT ANGLE 3.00/TCH 40 NA.
1510051757-1605161757EST.

FDC 5/0987 VKS IAP VICKSBURG MUNI,
VICKSBURG, MS. RNAV (GPS) RWY 19,
ORIG-A...DESCENT ANGLE 3.00/TCH 40 NA.
1510051754-1605161754EST.

MISSOURI

BOONVILLE

Jesse Viertel Memorial

FDC 5/9724 VER IAP JESSE VIERTEL MEMORIAL,
BOONVILLE, MO. RNAV (GPS) RWY 18, ORIG...RNAV
(GPS) RWY 36, ORIG...VOR-A, AMDT 5...NOTE:
PROCEDURE NA AT NIGHT.
1508072348-1603032348EST.

CABOOL

Cabool Memorial

FDC 5/4740 TVB IAP CABOOL MEMORIAL, CABOOL,
MO. RNAV (GPS) RWY 21, ORIG-A...PROCEDURE NA
AT NIGHT. DESCENT ANGLE 3.02/TCH 40 NA.
1508190632-1603150632EST.

FDC 5/4738 TVB IAP CABOOL MEMORIAL, CABOOL,
MO. VOR/DME RWY 21, AMDT 2A...PROCEDURE NA
AT NIGHT. 1508190632-1603150632EST.

CAMDENTON

Camdenton Memorial-Lake Rgnl

FDC 5/4213 OZS IAP CAMDENTON
MEMORIAL-LAKE RGNL, CAMDENTON, MO. RNAV
(GPS) RWY 15, AMDT 1A...LPV AND LNAV/VNAV NA.
1510281549-1604251549EST.

CAPE GIRARDEAU

Cape Girardeau Rgnl

FDC 5/4858 CGI IAP CAPE GIRARDEAU RGNL, CAPE
GIRARDEAU, MO. LOC/DME BC RWY 28, AMDT
8A...NOTE: ADF REQUIRED.
1505211359-1512171359EST.

CHARLESTON

Mississippi County

FDC 5/3687 CHQ ODP MISSISSIPPI COUNTY,
CHARLESTON, MO. TAKEOFF MINIMUMS AND
(OBSTACLE) DEPARTURE PROCEDURES
ORIG...NOTE: RWY 36, IRRIGATION PIVOT, 603 FT
FROM DEPARTURE END OF RWY, 9 FT LEFT OF
CENTERLINE, 243 AGL/337 MSL, 2015-ACE-3746-OE.
ALL OTHER DATA REMAINS AS PUBLISHED.
1511161911-1605141911EST.

CHILLICOTHE

Chillicothe Muni

FDC 5/5945 CHT IAP CHILLICOTHE MUNI,
CHILLICOTHE, MO. RNAV (GPS) RWY 32, AMDT
1...LPV AND LNAV/VNAV NA..
1509241622-1603221622EST.

COLUMBIA

Columbia Rgnl

FDC 5/8680 COU IAP COLUMBIA RGNL, COLUMBIA,
MO. RNAV (GPS) RWY 20, AMDT 1...CIRCLING CAT A
MDA 1300/HAA 411. 1511051736-1606161736EST.

FDC 5/8679 COU IAP COLUMBIA RGNL, COLUMBIA,
MO. RNAV (GPS) RWY 2, AMDT 1...CIRCLING CAT A
MDA 1300/HAA 411. 1511051736-1606161736EST.

FDC 5/8678 COU IAP COLUMBIA RGNL, COLUMBIA,
MO. VOR RWY 13, AMDT 3B...BATYE FIX MINIMUMS
S-13 MDA 1240/HAT 352 CATS A/B/C. VDP NA.
1511051736-1606161736EST.

ELDON

Eldon Model Airpark

FDC 5/8517 H79 IAP ELDON MODEL AIRPARK,
ELDON, MO. RNAV (GPS) RWY 36,
ORIG-A...CIRCLING CAT A MDA 1520/HAA 603.
1505281552-1512241552EST.

FDC 5/8516 H79 IAP ELDON MODEL AIRPARK,
ELDON, MO. RNAV (GPS) RWY 18, ORIG-A...LNAV
MDA 1520/HAT 603 ALL CATS. CIRCLING CAT A MDA
1520/HAA 603. 1505281552-1512241552EST.

FARMINGTON

Farmington Rgnl

FDC 5/6220 FAM IAP FARMINGTON RGNL, FARMINGTON, MO. VOR/DME-A, ORIG-B...CIRCLING MDA 2000/HAA 1054 ALL CATS. VIS CAT A 1 1/4, CAT B 1 1/2. NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SPARTA ALTIMETER SETTING AND INCREASE ALL MDA 160 FEET. DISREGARD NOTE: WHEN LOCAL ALTIMETER NOT RECEIVED, USE SPARTA ALTIMETER SETTING AND INCREASE ALL MDA 160 FEET AND CAT A VISIBILITY 1/4 MILE. 1510311954-1604281953EST.

FULTON

Elton Hensley Memorial

FDC 5/9594 FTT IAP ELTON HENSLEY MEMORIAL, FULTON, MO. RNAV (GPS) RWY 18, ORIG...NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1511061715-1605041715EST.

FDC 5/9047 FTT IAP ELTON HENSLEY MEMORIAL, FULTON, MO. RNAV (GPS) RWY 36, ORIG...LPV AND LNAV/VNAV DA NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1511052248-1605032248EST.

FDC 5/9040 FTT IAP ELTON HENSLEY MEMORIAL, FULTON, MO. VOR-A, AMDT 4...NOTE: NIGHT LANDING: RWY 06, 24 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. NOTE: CIRCLING NA TO RWYS 12 AND 30. 1511052245-1605032245EST.

FDC 5/9039 FTT IAP ELTON HENSLEY MEMORIAL, FULTON, MO. RNAV (GPS) RWY 18, ORIG...RNAV (GPS) RWY 36, ORIG...NOTE: NIGHT LANDING: RWY 06, 24 NA. NOTE: CIRCLING NA TO RWYS 12 AND 30. 1511052245-1605032245EST.

FDC 5/9038 FTT IAP ELTON HENSLEY MEMORIAL, FULTON, MO. RNAV (GPS) RWY 24, AMDT 1...RNAV (GPS) RWY 6, AMDT 1...NOTE: NIGHT LANDING: RWY 06, 24 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. NOTE: CIRCLING NA TO RWYS 12 AND 30. DISREGARD SYMBOL REPRESENTING VISUAL 34:1 SLOPE IS CLEAR. 1511052245-1605032245EST.

FDC 5/5614 FTT ODP ELTON HENSLEY MEMORIAL, FULTON, MO. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TAKE-OFF MINIMUMS; RWY 12/30 NA. NOTE: RWY 6: VEHICLE ON ROAD BEGINNING 8 FT FROM DER, 470 FT LEFT OF CENTERLINE, UP TO 15 FT AGL/900 FT MSL. FENCE AND TREE BEGINNING 100 FT FROM DER, 515 FT RIGHT OF CENTERLINE, UP TO 7 FT AGL/887 FT MSL. POLES BEGINNING 344 FT FROM DER, 448 FT RIGHT OF CENTERLINE, UP TO 30 FT AGL/910 FT MSL. TREES, TOWERS AND POLES BEGINNING 946 FT FROM DER, 549 FT RIGHT OF CENTERLINE, UP TO 69 FT AGL/949 FT MSL. TREES, TOWERS AND POLES BEGINNING 1733 FT FROM DER, 222 FT LEFT OF CENTERLINE, UP TO 71 FT AGL/953 FT MSL.. NOTE: RWY 24: TREES BEGINNING 127 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 21 FT AGL/893 FT MSL. TREES BEGINNING 344 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 96 FT AGL/936 FT MSL.. ALL OTHER DATA REMAINS AS PUBLISHED. 1509042019-1603022019EST.

GIDEON

Gideon Memorial

FDC 5/8524 M85 IAP GIDEON MEMORIAL, GIDEON, MO. VOR RWY 15, AMDT 3A...PROCEDURE NA. 1505281554-1512241554EST.

JEFFERSON CITY

Jefferson City Memorial

FDC 5/0846 JEF IAP JEFFERSON CITY MEMORIAL, JEFFERSON CITY, MO. ILS OR LOC RWY 30, AMDT 5C...S-ILS 30 DA 797/HAT 250 ALL CATS. TEMPORARY CRANE, 600 MSL, 4217 FT SE OF AIRPORT, 2015-ACE-1856 THRU 1859-NRA. 1510221111-1604191111EST.

FDC 5/0845 JEF ODP JEFFERSON CITY MEMORIAL, JEFFERSON CITY, MO. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 7...NOTE: RWY 12, TEMPORARY CRANE, 958 FT FROM DEPARTURE END OF RWY, 378 FT RIGHT OF CENTERLINE, 50 AGL/ 600 MSL. 2015-ACE-1856 THRU 1859-NRA. ALL OTHER DATA REMAINS AS PUBLISHED. 1510221111-1604191111EST.

KANSAS CITY

Charles B Wheeler Downtown

FDC 5/8503 MKC IAP CHARLES B WHEELER DOWNTOWN, KANSAS CITY, MO. ILS OR LOC RWY 19, AMDT 23A...ILS OR LOC RWY 3, AMDT 4A...NDB RWY 19, AMDT 18A...RNAV (GPS) RWY 19, ORIG-B...RNAV (GPS) RWY 21, AMDT 1C...RNAV (GPS) RWY 3, AMDT 2A...VOR RWY 19, AMDT 20A...VOR RWY 3, AMDT 19A...NOTE: NIGHT LANDING: RWY 21 NA. 1505281549-1512241547EST.

FDC 5/8491 MKC IAP CHARLES B WHEELER DOWNTOWN, KANSAS CITY, MO. ILS OR LOC RWY 3, AMDT 4A...S-ILS 3 CAT A/B/C DA 1012/HAT 268. VIS CATS A/B/C RVR 4500.. 1505281546-1512241545EST.

FDC 5/5333 MKC ODP CHARLES B WHEELER DOWNTOWN, KANSAS CITY, MO. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3B...DEPARTURE PROCEDURE. NOTE: RWY 21 TEMPORARY CRANE , 2995 FEET FROM DEPARTURE END OF RWY, 848 FEET RIGHT OF CENTERLINE, 135 AGL/892 MSL, TEMPORARY CRANE, 3214 FEET FROM DEPARTURE END OF RWY, 718 FEET RIGHT OF CENTERLINE, 135 AGL/892 MSL.. ALL OTHER DATA REMAINS AS PUBLISHED. 1509041145-1603021145EST.

FDC 5/5331 MKC IAP CHARLES B WHEELER DOWNTOWN, KANSAS CITY, MO. ILS OR LOC RWY 3, AMDT 4A...S-ILS 3 DA 1139/HAT 365 ALL CATS, VISIBILITY 1 3/8 ALL CATS. TEMPORARY CRANE 3571 FEET SW OF RWY 3. 1509041145-1603021145EST.

FDC 5/0645 MKC IAP CHARLES B WHEELER DOWNTOWN, KANSAS CITY, MO. VOR RWY 3, AMDT 19A...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, DOTTE (DO) LOM OUT OF SERVICE. 1507061847-1601021847EST.

LEE'S SUMMIT

Lee's Summit Muni

FDC 5/9867 LXT IAP LEE S SUMMIT MUNI, LEE S SUMMIT, MO. RNAV (GPS) RWY 29, AMDT 2A...DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 29 PROCEDURE NA AT NIGHT.. 1508080126-1603040126EST.

FDC 5/9866 LXT IAP LEE S SUMMIT MUNI, LEE S SUMMIT, MO. RNAV (GPS) RWY 11, AMDT 1A...DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 11 PROCEDURE NA AT NIGHT.. 1508080126-1603040126EST.

FDC 5/7047 LXT IAP LEE S SUMMIT MUNI, LEE S SUMMIT, MO. RNAV (GPS) RWY 11, AMDT 1A...RNAV (GPS) RWY 18, AMDT 2A...RNAV (GPS) RWY 29, AMDT 2A...VOR/DME-A, ORIG-A...CIRCLING CAT A MDA 1540/HAA 536. TEMPORARY CRANE, 1134 MSL, 5013 FT SOUTH OF LXT, 2015-ACE-3490-OE. 1511031327-1512301327EST.

FDC 5/7045 LXT SID LEE S SUMMIT MUNI, LEE S SUMMIT, MO. CHIEF FIVE DEPARTURE...LAKES EIGHT DEPARTURE...RACER FIVE DEPARTURE...ROYAL SEVEN DEPARTURE...TIFTO FOUR DEPARTURE...WILDCAT THREE DEPARTURE...NOTE: RWY 18, TEMPORARY CRANE, 3477 FT FROM DEPARTURE END OF RWY, 1405 FT LEFT OF CENTERLINE, 120 AGL/1134 MSL. 2015-ACE-3490-OE. ALL OTHER DATA REMAINS AS PUBLISHED. 1511031327-1512301327EST.

FDC 5/7040 LXT ODP LEE S SUMMIT MUNI, LEE S SUMMIT, MO. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...NOTE: RWY 18, TEMPORARY CRANE, 3477 FT FROM DEPARTURE END OF RWY, 1405 FT LEFT OF CENTERLINE, 120 AGL/1134 MSL. 2015-ACE-3490-OE. ALL OTHER DATA REMAINS AS PUBLISHED. 1511031327-1512301327EST.

MALDEN

Malden Rgnl

FDC 5/2416 MAW IAP MALDEN RGNL, MALDEN, MO. VOR RWY 32, AMDT 9...TERMINAL ROUTE TAXOE TO NUGLE NA. TERMINAL ROUTE OPSEE TO NUGLE NA. VDP NA. MAW DME UNUSABLE FOR PROCEDURE. 1509010220-1603280319EST.

MARSHALL

Marshall Memorial Muni

FDC 5/9812 MHL IAP MARSHALL MEMORIAL MUNI, MARSHALL, MO. RNAV (GPS) RWY 18, AMDT 2A...DESCENT ANGLE 3.37/TCH 39 NA. 1508080047-1603040047EST.

MOSBY

Midwest National Air Center

FDC 5/4020 GPH SID MIDWEST NATIONAL AIR CENTER, MOSBY, MO. CHIEF FIVE DEPARTURE...LAKES EIGHT DEPARTURE...RACER FIVE DEPARTURE...ROYAL SIX DEPARTURE...TIFTO FOUR DEPARTURE...WILDCAT THREE DEPARTURE...NOTE: RWY 18, TEMPORARY CRANE, 1849 FT FROM DEPARTURE END OF RWY, 397 FT RIGHT OF CENTERLINE, 88 AGL/856 MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1508181149-1512081149EST.

FDC 5/4019 GPH ODP MIDWEST NATIONAL AIR CENTER, MOSBY, MO. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...NOTE: RWY 18, TEMPORARY CRANE, 1849 FT FROM DEPARTURE END OF RWY, 397 FT RIGHT OF CENTERLINE, 88 AGL/856 MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1508181149-1512081149EST.

MOUNTAIN GROVE

Mountain Grove Memorial

FDC 5/8407 1MO IAP MOUNTAIN GROVE MEMORIAL, MOUNTAIN GROVE, MO. VOR/DME RWY 8, AMDT 1...S-8 MINIMUMS NA. 1511051247-1605031247EST.

MOUNTAIN VIEW

Mountain View

FDC 5/9751 MNF ODP MOUNTAIN VIEW, MOUNTAIN VIEW, MO. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 4...NOTE: RWY 10, CONSTRUCTION EQUIPMENT, 279 FT FROM DEPARTURE END OF RWY, 515 FT LEFT OF RWY CENTERLINE, 14 AGL/ 1149 MSL, 2014-ACE-3830 THRU 3842-NRA. ALL OTHER DATA REMAINS AS PUBLISHED. 1510211106-1512301106EST.

ST JOSEPH

Rosecrans Memorial

FDC 5/2517 STJ IAP ROSECRANS MEMORIAL, ST JOSEPH, MO. VOR OR TACAN RWY 17, AMDT 14A...S-17 MDA 1420/HAT 593 ALL CATS, VISIBILITY CAT C 1 3/4. CIRCLING CAT A/B/C MDA 1420/HAA 593, CAT D MDA 1520/HAA 693, VISIBILITY CAT C 1 3/4. 1509010307-1603280307EST.

FDC 5/2516 STJ IAP ROSECRANS MEMORIAL, ST JOSEPH, MO. ILS OR LOC RWY 35, AMDT 31B...S-LOC 35 MDA 1200/HAT 386 ALL CATS. VISIBILITY CAT A/B RVR 5500. CIRCLING CAT A/B/C MDA 1420/HAA 593, CAT D MDA 1520/HAA 693. 1509010307-1603280307EST.

FDC 5/2515 STJ IAP ROSECRANS MEMORIAL, ST JOSEPH, MO. VOR/DME OR TACAN RWY 35, ORIG-A...CIRCLING CAT B/C MDA 1420/HAA 593, CAT D MDA 1520/HAA. 1509010307-1603280307EST.

FDC 5/1719 STJ IAP ROSECRANS MEMORIAL, ST JOSEPH, MO. LOC BC RWY 17, AMDT 9A...MISSED APPROACH ALTITUDE 2700. CIRCLING CAT B/C MDA 1420/HAA 593, CAT D MDA 1520/HAA 693. 1506031618-1512301618EST.

FDC 5/0534 STJ IAP ROSECRANS MEMORIAL, ST JOSEPH, MO. RADAR-1, AMDT 1...ASR-17 MDA 1380/HAT 553 ALL CATS. VISIBILITY CAT C 1 5/8. ASR-35 MDA 1220/HAT 405 ALL CATS. VISIBILITY CAT C 1 1/4. CIRCLING MDA 1420/HAA 593 CAT B/C, MDA 1520/HAA 693 CAT D. 1509151212-1604261211EST.

ST LOUIS

Lambert-St Louis Intl

FDC 5/8802 STL SID LAMBERT-ST LOUIS INTL, ST LOUIS, MO. BERYY TWO DEPARTURE (RNAV)...BGOOD TWO DEPARTURE (RNAV)...BRAKK TWO DEPARTURE (RNAV)...CHUUC TWO DEPARTURE (RNAV)...DRUSE TWO DEPARTURE (RNAV)...EEMOS TWO DEPARTURE (RNAV)...JAHNY TWO DEPARTURE (RNAV)...JHART THREE DEPARTURE (RNAV)...KSHEE TWO DEPARTURE (RNAV)...NATCA TWO DEPARTURE (RNAV)...ROTRY TWO DEPARTURE (RNAV)...TEDDD TWO DEPARTURE (RNAV)...WHRLI THREE DEPARTURE (RNAV)...TAKE-OFF MINIMUMS RWY 6, 200-1 OR STANDARD WITH MINIMUM CLIMB OF 286 PER NM TO 800. NOTE: RWY 6, TEMPORARY CRANE 4288 FEET FROM DER, 87 FEET RIGHT OF CENTERLINE, 160 AGL/687 MSL. 2015-ACE-2841-OE. ALL OTHER DATA REMAINS AS PUBLISHED. 1510191625-1604161625EST.

FDC 5/6068 STL SID LAMBERT-ST LOUIS INTL, ST LOUIS, MO. BERYY TWO DEPARTURE (RNAV)...BGOOD TWO DEPARTURE (RNAV)...BRAKK TWO DEPARTURE (RNAV)...CHUUC TWO DEPARTURE (RNAV)...DRUSE TWO DEPARTURE (RNAV)...EEMOS TWO DEPARTURE (RNAV)...JAHNY TWO DEPARTURE (RNAV)...JHART THREE DEPARTURE (RNAV)...KSHEE TWO DEPARTURE (RNAV)...NATCA TWO DEPARTURE (RNAV)...ROTRY TWO DEPARTURE (RNAV)...TEDDD TWO DEPARTURE (RNAV)...WHRLI THREE DEPARTURE (RNAV)...NOTE: RWY 6, TEMPORARY CRANE, 4288 FT FROM DER, 87 FT RIGHT OF CENTERLINE, 120 AGL/649 MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1510302021-1604272021EST.

FDC 5/6066 STL SID LAMBERT-ST LOUIS INTL, ST LOUIS, MO. BLUES THREE DEPARTURE...CARDS EIGHT DEPARTURE...GATEWAY FIVE DEPARTURE...LINDBERGH FOUR DEPARTURE...OZARK FOUR DEPARTURE...PLESS TWO DEPARTURE...TURBO SEVEN DEPARTURE...NOTE: RWY 6, TEMPORARY CRANE, 4288 FT FROM DER, 87 FT RIGHT OF CENTERLINE, 120 AGL/649 MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1510302021-1604272021EST.

FDC 5/6064 STL ODP LAMBERT-ST LOUIS INTL, ST LOUIS, MO. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...NOTE: RWY 6, TEMPORARY CRANE, 4288 FT FROM DER, 87 FT RIGHT OF CENTERLINE, 120 AGL/649 MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1510302021-1604272021EST.

MONTANA

BILLINGS

Billings Logan Intl

FDC 5/8985 BIL STAR BILLINGS LOGAN INTL, BILLINGS, MT. BGHRN ONE ARRIVAL (RNAV). ARRIVAL ROUTE DESCRIPTION LANDING RUNWAY 10L: CHANGE EXPECT RADAR VECTORS TO (RNP)/ILS/VISUAL APPROACH OR AS ASSIGNED BY ATC TO READ EXPECT RADAR VECTORS TO FINAL APPROACH COURSE OR AS ASSIGNED BY ATC. 1505082200-1512312359EST.

FDC 5/8984 BIL STAR BILLINGS LOGAN INTL, BILLINGS, MT. YLSTN ONE ARRIVAL (RNAV). ARRIVAL ROUTE DESCRIPTION LANDING RUNWAY 10L: CHANGE EXPECT RADAR VECTORS TO (RNP)/ILS/VISUAL APPROACH OR AS ASSIGNED BY ATC TO READ EXPECT RADAR VECTORS TO FINAL APPROACH COURSE OR AS ASSIGNED BY ATC. 1505082200-1512312359EST.

FDC 5/8983 BIL STAR BILLINGS LOGAN INTL, BILLINGS, MT. CRAZI ONE ARRIVAL (RNAV). ARRIVAL ROUTE DESCRIPTION LANDING RUNWAY 10L: CHANGE EXPECT RNAV (RNP) Z RWY 10L OR VECTORS TO FINAL APPROACH COURSE TO READ EXPECT RADAR VECTORS TO FINAL APPROACH COURSE OR AS ASSIGNED BY ATC. 1505082200-1512312359EST.

FDC 5/8982 BIL STAR BILLINGS LOGAN INTL, BILLINGS, MT. KUSTR ONE ARRIVAL (RNAV). ARRIVAL ROUTE DESCRIPTION LANDING RUNWAY 10L: CHANGE EXPECT RNAV (RNP) Z RWY 10L OR VECTORS TO FINAL APPROACH COURSE TO READ EXPECT RADAR VECTORS TO FINAL APPROACH COURSE OR AS ASSIGNED BY ATC. 1505082200-1512312359EST.

FDC 5/8980 BIL STAR BILLINGS LOGAN INTL, BILLINGS, MT. BGHRN ONE ARRIVAL (RNAV). ARRIVAL ROUTE DESCRIPTION LANDING RUNWAY 10L: CHANGE CROSS DEHLR AT OR ABOVE 6200 TO READ CROSS DEHLR AT OR ABOVE 6600 REST REMAINS THE SAME. 1505082200-1512312359EST.

FDC 5/8977 BIL STAR BILLINGS LOGAN INTL, BILLINGS, MT. KUSTR ONE ARRIVAL (RNAV)ARRIVAL ROUTE DESCRIPTION LANDING RUNWAY 10L: CHANGE CROSS IGIFE AT OR ABOVE 6300 TO READ CROSS IGIFE AT OR ABOVE 6600 REST REMAINS THE SAME. 1505082200-1512312359EST.

BUTTE

Bert Mooney

FDC 5/4335 BTM SPECIAL BERT MOONEY, BUTTE, MT. ILS Z RWY 15, AMDT 1...CIRCLING MINIMUMS NA.. DISREGARD NOTES: CIRCLING NOT AUTHORIZED NORTHEAST OF RWY 15-33 AND CIRCLING REQUIRES DESCENT ON GLIDESLOPE TO MDA. 1509022015-1602292015EST.

FDC 5/3069 BTM ODP BERT MOONEY, BUTTE, MT. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT...TEXTUAL DEPARTURE PROCEDURE CHANGE ALL REFERENCES FROM RWY 11, 29 TO RWY 12, 30. TAKE-OFF MINIMUMS RWY 12, NA - OBSTACLES. RWY 15, STANDARD WITH MINIMUM CLIMB OF 601 FT PER NM TO 7300, OR 3500-3 FOR CLIMB IN VISUAL CONDITIONS. RWY 30, STANDARD WITH MINIMUM CLIMB OF 832 FT PER NM TO 6700, OR 3500-3 FOR CLIMB IN VISUAL CONDITIONS. RWY 33, 3500-3 FOR CLIMB IN VISUAL CONDITIONS.. DEPARTURE PROCEDURE: RWY 15: CLIMBING RIGHT TURN DIRECT CPN VOR/DME, OR OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. FOR CLIMB IN VISUAL CONDITIONS: CROSS BERT MOONEY AIRPORT WESTBOUND AT OR ABOVE 8900 THEN PROCEED DIRECT CPN VOR/DME, THENCE?RWY 30: CLIMB HEADING 293.13 TO INTERCEPT CPN VOR/DME R-082 TO CPN VOR/DME, OR OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. FOR CLIMB IN VISUAL CONDITIONS: CROSS BERT MOONEY AIRPORT WESTBOUND AT OR ABOVE 8900 THEN PROCEED DIRECT CPN VOR/DME, THENCE?RWY 33: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. FOR CLIMB IN VISUAL CONDITIONS: CROSS BERT MOONEY AIRPORT WESTBOUND AT OR ABOVE 8900 THEN PROCEED DIRECT CPN VOR/DME, THENCE...ALL OTHER DATA REMAINS AS PUBLISHED. 1506041604-1512011603EST.

FDC 5/0862 BTM IAP BERT MOONEY, BUTTE, MT. VOR OR GPS-B, AMDT 1B...MISSED APPROACH: CLIMBING RIGHT TURN TO 9300 DIRECT CPN VOR/DME AND HOLD. 1506021501-1511291501EST.

FDC 5/0860 BTM IAP BERT MOONEY, BUTTE, MT. VOR/DME OR GPS-A, AMDT 3B...MISSED APPROACH: CLIMB TO 9300 DIRECT CPN VOR/DME AND HOLD. 1506021501-1511291501EST.

DEER LODGE

Deer Lodge-City-County

FDC 5/5605 38S IAP DEER LODGE-CITY-COUNTY, DEER LODGE, MT. RNAV (GPS)-A, ORIG...NOTE: CIRCLING NA TO RWYS 5 AND 23. 1509042012-1603022012EST.

GREAT FALLS

Great Falls Intl

FDC 5/8717 GTF IAP GREAT FALLS INTL, GREAT FALLS, MT. RNAV (GPS) Y RWY 3, AMDT 3A...LNAV/VNAV DA 4093/HAT 413, VISIBILITY ALL CATS RVR 4500. DISREGARD NOTE: FOR INOPERATIVE ALSF INCREASE LNAV/VNAV VISIBILITY ALL CATS TO RVR 4500. 1510191328-1604161328EST.

FDC 5/7953 GTF IAP U.S. DOD GREAT FALLS INTL, GREAT FALLS, MT. HI VOR/DME OR TACAN RWY 3, AMDT 2...S-3 HAT 380 ALL CATS. DISREGARD NOTE: WHEN ALS INOP, INCREASE CAT DE RVR TO 60 AND VIS TO 1 1/4 MILES.. CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-3 CAT D-E VISIBILITY TO RVR 6000. CHART TDZE 3680. 1509301234-1603281234EST.

FDC 5/7636 GTF IAP GREAT FALLS INTL, GREAT FALLS, MT. VOR/DME RWY 3, AMDT 17...S-3 MDA CAT D NA. 1509092104-1603072104EST.

FDC 5/6721 GTF IAP GREAT FALLS INTL, GREAT FALLS, MT. RNAV (GPS) Y RWY 3, AMDT 3A...LNAV/VNAV DA 4093/HAT 413 ALL CATS, LNAV MDA 4240/HAT 560, VIS RVR 6000, CIRCLING CAT C MDA 4240/HAA 560, VIS 1 5/8.. 1511021749-1604301749EST.

HELENA

Helena Rgnl

FDC 5/3896 HLN IAP HELENA RGNL, HELENA, MT. NDB-D, AMDT 3A...VOR-A, AMDT 15...NOTE: NIGHT LANDING RWY 5, 23, 35 NA. 1506051451-1512021451EST.

FDC 5/2683 HLN IAP HELENA RGNL, HELENA, MT. RNAV (RNP) Z RWY 9, ORIG-B...RNP 0.17 DA 4289/HAT 425 ALL CATS, RNP 0.30 DA 4453/HAT 589, VISIBILITY 1 7/8 ALL CATS. 1510261720-1604231720EST.

FDC 5/2021 HLN IAP HELENA RGNL, HELENA, MT. RNAV (GPS) RWY 23, ORIG-A...PROCEDURE NA. 1510231813-1604201813EST.

LEWISTOWN

Lewistown Muni

FDC 5/0890 LWT ODP LEWISTOWN MUNI, LEWISTOWN, MT. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3A...TAKEOFF OBSTACLES: ADD NOTE: RWY 21, GRAIN BIN 1530 FT FROM DER, 294 LEFT OF CENTERLINE, 22 FT AGL/4210 FT MSL. ELEVATOR 1664 FT FROM DER, 330 LEFT OF CENTERLINE, 26 FT AGL/4214 FT MSL. RWY 26, TERRAIN BEGINNING 105 FT FROM DER, 404 FT LEFT OF CENTERLINE, 4133 FT MSL. RWY 31, TREE 457 FT FROM DER, 381 FT LEFT OF CENTERLINE, 35 FT AGL/4156 FT MSL. TREE 467 FT FROM DER, 340 FT LEFT OF CENTERLINE, 29 FT AGL/4150 FT MSL. MOVIE SCREEN LTD 1114 FT FROM DER, 593 FT RIGHT OF CENTERLINE, 48 FT AGL/4161 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. THIS IS TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, AMDT 3B. 1511101628-PERM.

POLSON

Polson

FDC 5/7098 8S1 IAP POLSON, POLSON, MT. RNAV (GPS) RWY 36, ORIG-A...VDA NA. 1509281638-1603261638EST.

FDC 5/4309 8S1 ODP POLSON, POLSON, MT. ANGIL ONE DEPARTURE (RNAV)...TAKEOFF MINIMUMS: RWY 36, STANDARD WITH MINIMUM CLIMB OF 300 FT PER NM TO 8400.. ALL OTHER DATA REMAINS AS PUBLISHED. 1509022001-1602292001EST.

SCOBEEY

Scobey

FDC 5/2588 9S2 IAP SCOBEEY, SCOBEEY, MT. RNAV (GPS) RWY 12, ORIG-B...LNAV MDA HAT 674 ALL CATS. CIRCLING HAA 666 ALL CATS. TDZE ELEV 2426. APT ELEV 2434. THIS IS RNAV (GPS) RWY 12, ORIG C. 1510261518-PERM.

SHELBY

Shelby

FDC 5/2017 SBX IAP SHELBY, SHELBY, MT. NDB RWY 23, AMDT 7...MISSED APPROACH: CLIMBING RIGHT TURN TO 9000 IN SBX NDB HOLIDNG PATTERN, CONTINUE CLIMB-IN-HOLD TO 9000...1510231808-1604201808EST.

STEVENSVILLE

Stevensville

FDC 5/7955 32S IAP STEVENSVILLE, STEVENSVILLE, MT. RNAV (GPS)-A, ORIG-A...MISSED APPROACH: MISSED APPROACH: CLIMBING LEFT TURN TO 13000 DIRECT TAGOE WP AND HOLD, CONTINUE CLIMB-IN-HOLD TO 13000. 1509301236-1603281236EST.

NEBRASKA

BEATRICE

Beatrice Muni

FDC 5/8941 BIE IAP BEATRICE MUNI, BEATRICE, NE. RNAV (GPS) RWY 36, AMDT 2A...VOR RWY 36, AMDT 9A...PROCEDURE NA. 1511052139-1512312139EST.

FDC 5/8929 BIE ODP BEATRICE MUNI, BEATRICE, NE. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...NOTE: RWY 18, DER DISPLACED 2611 FEET, CONSTRUCTION EQUIPMENT AT DER. ALL OTHER DATA REMAINS AS PUBLISHED. 1511052139-1512312139EST.

BLAIR

Blair Muni

FDC 5/3110 BTA IAP BLAIR MUNI, BLAIR, NE. RNAV (GPS) RWY 31, ORIG-A...DESCENT ANGLE 3.05/TCH 40 NOT AUTHORIZED. 1510271325-1604241325EST.

FDC 5/2652 BTA IAP BLAIR MUNI, BLAIR, NE. RNAV (GPS) RWY 13, ORIG-A...DESCENT ANGLE 3.03/TCH 43 NOT AUTHORIZED. 1510261631-1604231631EST.

CHADRON

Chadron Muni

FDC 5/9666 CDR ODP CHADRON MUNI, CHADRON, NE. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKEOFF MINIMUMS: RWY 20, 300-1 1/2 OR STANDARD WITH A MINIMUM CLIMB OF 220 FEET PER MILE TO 3600 FT. NOTE: TREE, 403 FEET LEFT OF CENTERLINE, 60 FEET FROM DISPLACED DER, 3302 FEET MSL. MEN AND EQUIPMENT IN DISPLACEMENT, 3306 FEET MSL. LIGHTED TOWER, 399 FEET RIGHT OF CENTERLINE, 245 FEET FROM DISPLACED DER, 46 FT AGL / 3337 FEET MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1510202146-1511202146EST.

FDC 5/1195 CDR IAP CHADRON MUNI, CHADRON, NE. RNAV (GPS) RWY 11, ORIG-A...RNAV (GPS) RWY 29, ORIG-A...CIRCLING TO RWY 2, 20 NA. 1511102104-1605082104EST.

FDC 5/1193 CDR IAP CHADRON MUNI, CHADRON, NE. ILS OR LOC RWY 2, AMDT 2B...RNAV (GPS) RWY 2, AMDT 1A...PROCEDURE NA. 1511102103-1605082103EST.

DAVID CITY

David City Muni

FDC 5/8801 93Y ODP DAVID CITY MUNI, DAVID CITY, NE. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...NOTE: RWY 32, BACKHOE 232 FEET FROM DEPARTURE END OF RUNWAY, 554 FEET RIGHT OF CENTERLINE, 50 AGL/1632 MSL. BACKHOE 561 FEET FROM DEPARTURE END OF RUNWAY, 79 FEET RIGHT OF CENTERLINE, 50 AGL/1632 MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 2015-ACE-1840-OE. 1510191621-1604161621EST.

FALLS CITY

Brenner Field

FDC 5/8041 FNB IAP BRENNER FIELD, FALLS CITY, NE. NDB-A, AMDT 3C...CHANGE FNB NDB PROCEDURE TURN OUTBOUND/INBOUND COURSES FROM 139/319 TO 137/317 RESPECTIVELY. CHANGE FINAL APPROACH COURSE FROM 319 TO 317. CHANGE MISSED APPROACH HOLDING AT FNB NDB FROM 319 INBOUND/139 OUTBOUND TO 317 INBOUND/137 OUTBOUND. 1506122116-1512092116EST.

HEBRON

Hebron Muni

FDC 5/5015 HJH ODP HEBRON MUNI, HEBRON, NE. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG.TAKEOFF MINIMUMS: RWY 3, 21 NA-ENVIRONMENTAL. NOTE: RWY 12: TERRAIN 30 FT FROM DER, 407 FT RIGHT OF CENTERLINE, 1467 FT MSL. TREES BEGINNING 158 FT FROM DER, 233 FT LEFT OF CENTERLINE, UP TO 65 FT AGL/1519 FT MSL. TREES BEGINNING 386 FT FORM DER, 320 FT RIGHT OF CENTERLINE, UP TO 70 FT AGL/1539 FT MSL. VEHICLES ON ROAD BEGINNING 473 FT FROM DER, 237 FT RIGHT OF CENTERLINE, UP TO 15 FT AGL/1496 FT MSL. TERRAIN BEGINNING 678 FT FROM DER, 654 FT RIGHT OF CENTERLINE, UP TO 1488 FT MSL. TREE 997 FT FROM DER, 76 FT LEFT OF CENTERLINE, 50 FT AGL/1494 FT MSL. POLES BEGINNING 1568 FT FROM DER, 351 FT LEFT OF CENTERLINE, UP TO 42 FT AGL/1510 FT MSL. TREES BEGINNING 1841 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 70 FT AGL/1542 FT MSL. WINDMILL 2126 FT FROM DER, 1023 FT RIGHT OF CENTERLINE, 33 FT AGL/1532 FT MSL. NOTE: RWY 30: TREES BEGINNING 2 FT FROM DER, 187 FT LEFT OF CENTERLINE, UP TO 65 FT AGL/1522 FT MSL. TREES BEGINNING 52 FT FROM DER, 171 FT RIGHT OF CENTERLINE, UP TO 65 FT AGL/1526 FT MSL. TERRAIN BEGINNING 70 FT FROM DER, 403 FT LEFT OF CENTERLINE, UP TO 1471 FT MSL. POLES AND POWERLINES BEGINNING 704 FT FROM DER, 202 FT LEFT OF CENTERLINE, UP TO 37 FT AGL/1496 FT MSL. TREES ALL OTHER DATA REMAINS AS PUBLISHED. FDC 5/5015 HJH ODP HEBRON MUNI, HEBRON, NE. BEGINNING 915 FT FORM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 65 FT AGL/1540 FT MSL. POLE 1780 FT FROM DER, 942 FT RIGHT OF CENTERLINE, 31 FT AGL/1511 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1510291741-1604261741EST

FDC 5/5014 HJH IAP HEBRON MUNI, HEBRON, NE. GPS RWY 30, ORIG-B...NOTE: CIRCLING NA TO RWYS 3 AND 21. CHANGE NIGHT LANDING RESTRICTION NOTE TO READ: NIGHT LANDING RWY 12 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1510291741-1604261741EST.

FDC 5/5013 HJH IAP HEBRON MUNI, HEBRON, NE. GPS RWY 12, ORIG-C...NDB RWY 12, AMDT 4B...NOTE: CIRCLING NA TO RWYS 3 AND 21. CHANGE NIGHT LANDING RESTRICTION NOTE TO READ: NIGHT LANDING RWY 12 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1510291741-1604261741EST.

HOLDREGE

Brewster Field

FDC 5/1939 HDE ODP BREWSTER FIELD, HOLDREGE, NE. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...NOTE: RWY 36, TREE 208 FT FROM DEPARTURE END OF RUNWAY, 440 FT RIGHT OF CENTERLINE, 16 FT AGL/2317 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1507081521-1602041521EST.

LEXINGTON

Jim Kelly Field

FDC 5/2051 LXN IAP JIM KELLY FIELD, LEXINGTON, NE. RNAV (GPS) RWY 14, AMDT 1A...CIRCLING CAT A MDA 2860/HAA 447. 1511121612-1605101612EST.

MC COOK

Mc Cook Ben Nelson Rgnl

FDC 5/2522 MCK IAP MC COOK BEN NELSON RGNL, MC COOK, NE. VOR RWY 12, AMDT 12A...VOR RWY 22, AMDT 4F...VOR RWY 30, AMDT 11A...ALTERNATE MINIMUMS NA, MCK VOR/DME UNMONITORED. 1511131147-1512131147EST.

FDC 5/0697 MCK IAP MC COOK BEN NELSON RGNL, MC COOK, NE. VOR RWY 22, AMDT 4F...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, HCT VORTAC OUT OF SERVICE. 1510051231-1604021231EST.

NORFOLK

Norfolk Rgnl/Karl Stefan Memorial Fld

FDC 5/9427 OFK IAP NORFOLK RGNL/KARL STEFAN MEMORIAL FLD, NORFOLK, NE. VOR RWY 32, AMDT 7...NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1505291334-1512251333EST.

OGALLALA

Searle Field

FDC 5/3130 OGA IAP SEARLE FIELD, OGALLALA, NE. RNAV (GPS) RWY 13, ORIG-C...LP MDA 4240/HAT 961 ALL CATS. VIS CAT A 1 1/4, CAT B 1 1/2. LNAV MDA 4360/HAT 1081 ALL CATS. VIS CAT A 1 1/4, CAT B 1 1/2. CIRCLING MDA 4360/HAA 1081 ALL CATS. VIS CAT A 1 1/4, CAT B 1 1/2. VDP AT 2.48 MILES TO RW13. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE IMPERIAL ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET. 1510271329-1604241329EST.

FDC 5/3124 OGA IAP SEARLE FIELD, OGALLALA, NE. RNAV (GPS) RWY 8, AMDT 2B...LPV DA NA. LNAV/VNAV DA NA. 1510271329-1604241328EST.

FDC 5/3121 OGA IAP SEARLE FIELD, OGALLALA, NE. VOR/DME RWY 26, AMDT 1B...S-26 MDA 3940/HAT 686 ALL CATS. MINIMUM ALTITUDE AT ZILEV/SAE 3 DME 4140*, *4140 WHEN USING IMPERIAL ALTIMETER SETTING. VDP NA. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE IMPERIAL ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET AND INCREASE S-26 AND CIRCLING CAT B VISIBILITY 1/4 MILE. 1510271328-1604241328EST.

OMAHA

Eppley Airfield

FDC 5/3991 OMA IAP EPPLEY AIRFIELD, OMAHA, NE. RNAV (GPS) Y RWY 36, AMDT 1A...VDP NA. 1507130433-1602090433EST.

FDC 5/2519 OMA IAP EPPLEY AIRFIELD, OMAHA, NE. ILS OR LOC/DME RWY 14L, AMDT 1C...S-LOC 14L MDA 1380/HAT 396 ALL CATS. VIS CAT C RVR 3500. 1509010314-1603280313EST.

FDC 5/1950 OMA IAP EPPLEY AIRFIELD, OMAHA, NE. VOR/DME RWY 32L, AMDT 12...S-32L MDA 1740/HAT 760 ALL CATS, VIS CAT A/B RVR 4000, CAT C 1 3/4. CIRCLING MDA 1740/HAA 756 ALL CATS, VIS CAT B 1 1/4, CAT C 2 1/4. 1507081521-1601041521EST.

PENDER

Pender Muni

FDC 5/6973 0C4 ODP PENDER MUNI, PENDER, NE. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKE-OFF MINIMUMS: RWY 15, 300-1 1/2 OR STANDARD WITH A MINIMUM CLIMB OF 213 FEET PER NM TO 1700. NOTE RWY 33, TERRAIN BEGINNING 8 FT FROM DER, 429 FT LEFT OF CENTERLINE, UP TO 10 FT AGL/1355 FT MSL. FENCE BEGINNING 139 FT FROM DER, 424 FT LEFT OF CENTERLINE, UP TO 3 FT AGL/1355 FT MSL. POWER POLES BEGINNING 263 FT FROM DER, CROSSING RIGHT AND LEFT OF CENTERLINE, UP TO 29 FT AGL/1380 FT MSL. POLES BEGINNING 1530 FT FROM DER, 397 FT LEFT OF CENTERLINE, UP TO 34 FT AGL/1403 FT MSL. TREES BEGINNING 1971 FT DER, 571 FT LEFT OF CENTERLINE, UP TO 72 FT AGL/1450 FT MSL. 1509281350-1603261350EST.

RED CLOUD

Red Cloud Muni

FDC 5/5893 7V7 IAP RED CLOUD MUNI, RED CLOUD, NE. RNAV (GPS) RWY 34, ORIG-A...LNAV/VNAV DA 2076/HAT 339. 1509051351-1604041351EST.

SCRIBNER

Scribner State

FDC 5/1842 SCB IAP SCRIBNER STATE, SCRIBNER, NE. RNAV (GPS) RWY 35, AMDT 1A...LPV CATS A AND B DA 1606/HAT 287. DISTANCE TO THLD FROM 287 HAT: 0.78 NM. THIS IS RNAV (GPS) RWY 35, AMDT 1B. 1511121523-PERM.

NEVADA

ELKO

Elko Rgnl

FDC 5/7122 EKO IAP ELKO RGNL, ELKO, NV. RNAV (GPS) RWY 23, ORIG-A...MISSED APPROACH: CLIMB TO 6600 THEN CLIMBING LEFT TURN TO 10,000 DIRECT BQU VOR/DME AND HOLD, CONTINUE CLIMB IN HOLD TO 10,000.. 1509281700-1603261700EST.

FDC 5/7119 EKO IAP ELKO RGNL, ELKO, NV. VOR/DME-B, AMDT 4...MISSED APPROACH: CLIMBING LEFT TURN TO 10,000 DIRECT BQU VOR/DME AND HOLD, CONTINUE CLIMB IN HOLD TO 10,000. CIRCLING MDA 6860/HAA 1720 ALL CATS. ALTERNATE MINIMUMS: CATEGORIES A/B 1800-2; CATEGORIES C/D 1800-3.. 1509281700-1603261700EST.

FDC 5/7118 EKO IAP ELKO RGNL, ELKO, NV. VOR-A, AMDT 5...MISSED APPROACH: CLIMBING LEFT TURN TO 10,000 DIRECT BQU VOR/DME AND HOLD, CONTINUE CLIMB IN HOLD TO 10,000. CIRCLING MDA 6840/HAA 1700 ALL CATS. ALTERNATE MINIMUMS: CATEGORIES A/B 1700-2; CATEGORIES C/D 1700-3.. 1509281700-1603261700EST.

FDC 5/7116 EKO ODP ELKO RGNL, ELKO, NV. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 5A...TAKE-OFF MINIMUMS RWY 23, STANDARD WITH MINIMUM CLIMB OF 340 FT PER NM TO 8000.. ALL OTHER DATA REMAINS AS PUBLISHED. 1509281657-1603261657EST.

FDC 5/2032 EKO IAP ELKO RGNL, ELKO, NV. RNAV (GPS) RWY 23, ORIG-A...MISSED APPROACH: CLIMB TO 6600 THEN CLIMBING LEFT TURN TO 10,000 DIRECT BQU VOR/DME AND HOLD, CONTINUE CLIMB IN HOLD TO 10,000.. 1510231817-1604201817EST.

FDC 5/2031 EKO IAP ELKO RGNL, ELKO, NV. LDA/DME RWY 23, AMDT 5...PROCEDURE NA. 1510231817-1604201817EST.

FDC 5/2029 EKO IAP ELKO RGNL, ELKO, NV. VOR/DME-B, AMDT 4...MISSED APPROACH: CLIMBING LEFT TURN TO 10,000 DIRECT BQU VOR/DME AND HOLD, CONTINUE CLIMB IN HOLD TO 10,000. CIRCLING MDA 6860/HAA 1720 ALL CATS. ALTERNATE MINIMUMS: CATEGORIES A/B 1800-2; CATEGORIES C/D 1800-3.. 1510231817-1604201817EST.

FDC 5/2028 EKO IAP ELKO RGNL, ELKO, NV. VOR-A, AMDT 5...MISSED APPROACH: CLIMBING LEFT TURN TO 10,000 DIRECT BQU VOR/DME AND HOLD, CONTINUE CLIMB IN HOLD TO 10,000. CIRCLING MDA 6840/HAA 1700 ALL CATS. ALTERNATE MINIMUMS: CATEGORIES A/B 1700-2; CATEGORIES C/D 1700-3.. 1510231817-1604201817EST.

LAS VEGAS

Henderson Executive

FDC 5/1576 HND STAR HENDERSON EXECUTIVE AIRPORT, LAS VEGAS, NV. ADDEL ONE ARRIVAL...EXPECT CLEARANCE TO CROSS FUZZY INT AT 16000FT AND 250 KNOTS. DELETE MANDATORY ALTITUDE AT JARIK INT. 1507281600-1609142359EST.

Mc Carran Intl

FDC 5/7178 LAS SID MC CARRAN INTL, LAS VEGAS, NV. HOOVER FOUR DEPARTURE...NOTE: RWY 19L, POLE 1394 FT FROM DER, 533 FT RIGHT OF CENTERLINE, 36 FT AGL/2236 FT MSL, SIGN 2181 FT FROM DER, 1062 FT RIGHT OF CENTERLINE, 50 FT AGL/2256 FT MSL, ROD ON BLDG 2921 FT FROM DER, 581 FT RIGHT OF CENTERLINE, 50 FT AGL/2262 FT MSL, POLE 2633 FT FROM DER, 319 FT RIGHT OF CENTERLINE, 40 FT AGL/2246 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED.
1511031505-1605011505EST.

FDC 5/4348 LAS SPECIAL MC CARRAN INTL, LAS VEGAS, NV. RNAV VISUAL RWY 19L/R, AMDT 1...DISREGARD 150 KTS SPEED AT EASTR..
1510281830-1604251830EST.

FDC 5/3695 LAS IAP MC CARRAN INTL, LAS VEGAS, NV. ILS OR LOC RWY 25R, AMDT 17A...S-ILS 25R VISIBILITY ALL CATS 3/4. S-LOC 25R VISIBILITY CATS A/B 3/4, CATS C/D 1 1/4. DISREGARD NOTE: FOR INOPERATIVE MALSR, INCREASE S-ILS CAT E VISIBILITY 1/4 MILE, AND S-LOC CAT E VISIBILITY 1/2 MILE. ADD NOTE: FOR INOPERATIVE MALSR, INCREASE S-ILS 25R ALL CATS 1/8 MILE, AND S-LOC 25R CATS C/D/E 1/8 MILE.
1510271946-1604241946EST.

FDC 5/1585 LAS STAR LAS VEGAS MCCARRAN INTL, LAS VEGAS, NV GRNPA ONE ARRIVAL...PROCEDURE AVAILABLE FOR JET AIRCRAFT ONLY. 1507281600-1609142359EST.

FDC 5/1578 LAS STAR LAS VEGAS MCCARRAN INTL AIRPORT, LAS VEGAS, NV KEPEC THREE ARRIVAL...DAG VORTAC - MISEN INT MEA 16000 ADD NOTE: ALL OTHER RUNWAYS, EXPECT RADAR VECTORS TO FINAL APPROACH COURSE
1508121630-1609142359.

FDC 5/1573 LAS STAR LAS VEGAS MCCARRAN INTL, LAS VEGAS, NV SUNST THREE ARRIVAL ADD NOTE ALL OTHER RUNWAYS, EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.
1508121630-1609142359.

North Las Vegas

FDC 5/4365 VGT IAP NORTH LAS VEGAS, LAS VEGAS, NV. ILS OR LOC RWY 12L, ORIG-C...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS..
1509022021-1602292021EST.

RENO

Reno/Tahoe Intl

FDC 5/4783 RNO SPECIAL RENO/TAHOE INTL, RENO, NV. LOC/DME -1 RWY 16R, AMDT 2...S-16R: MDA 5360/HAT 945 ALL CATS. CIRCLING: MDA 5360/HAA 945 ALL CATS.. MSA FROM MUSTANG (FMG) VORTAC 350-130 9600, 130-250 12000, 250-350 10000.. 1509031300-1603011300EST.

FDC 5/4301 RNO SPECIAL RENO/TAHOE INTL, RENO, NV. ILS/DME RWY 16R, AMDT 3...S-ILS 16R: DA 6446/HAT 2031, VIS 7 ALL CATS. ALTERNATE MINIMUM 2100-7. LOC, NA CHANGE PROFILE NOTE FROM (ASTERISK) 7200 WHEN AUTHORIZED BY ATC TO (ASTERISK) 7400 WHEN AUTHORIZED BY ATC AIRPORT ELEVATION 4415..
1509021956-1602291956EST.

FDC 5/4284 RNO SPECIAL RENO/TAHOE INTL, RENO, NV. ILS OR LOC/DME Z RWY 16R, ORIG...SILVER ILS RWY 16R, AMDT 1...MSA FROM MUSTANG (FMG) VORTAC 350-130 9600, 130-250 12000, 250-350 10000. 1509021948-1602291948EST.

FDC 5/3548 RNO STAR RENO/TAHOE INTL, RENO, NV. VIKES ONE ARRIVAL NOT AUTHORIZED. EXPECT ALTERNATE RNAV/RADAR ARRIVAL INSTRUCTIONS FROM ATC. 1509182000-1609172300.

FDC 5/3547 RNO STAR RENO/TAHOE INTL, RENO, NV. TARVR ONE ARRIVAL NOT AUTHORIZED. EXPECT ALTERNATE RNAV/RADAR ARRIVAL INSTRUCTIONS FROM ATC. 1509182000-1609172300.

FDC 5/0521 RNO STAR RENO/TAHOE INTL, RENO, NV. SOUTH HILLS VISUAL RWY 34L/R NA
1508271600-1512102300.

FDC 5/0518 RNO STAR RENO/TAHOE INTL, RENO, NV. SPARKS VISUAL RWY 16L/R NA
1508271600-1512102300.

FDC 5/0454 RNO ODP RENO/TAHOE INTL, RENO, NV. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 4...TAKEOFF MINIMUMS: RWY 16L, 600-1 1/4 WITH MINIMUM CLIMB OF 480 FT PER NM TO 8000, OR 2700-3 FOR CLIMB IN VISUAL CONDITIONS. ALL OTHER DATA REMAINS AS PUBLISHED.
1508271454-1602231454EST.

FDC 5/0170 RNO IAP RENO/TAHOE INTL, RENO, NV. RNAV (RNP) Y RWY 16L, AMDT 1...RNP 0.12 DA 4780/HAT 455 ALL CATS. VIS 2 ALL CATS.
1509141432-1603121432EST.

FDC 5/0169 RNO IAP RENO/TAHOE INTL, RENO, NV. RNAV (RNP) Z RWY 16R, AMDT 1...RNP 0.17 DA 4973/HAT 558 ALL CATS. VIS 1 3/8 ALL CATS. FOR INOPERATIVE MALSR, INCREASE RNP 0.17 ALL CATS VISIBILITY TO 1 3/4 AND RNP 0.30 ALL CATS VISIBILITY TO 2 1/2. 1509141430-1603121430EST.

FDC 5/0167 RNO IAP RENO/TAHOE INTL, RENO, NV.
RNAV (RNP) Z RWY 16L, AMDT 1...RNP 0.12 DA
5021/HAT 606 ALL CATS. VIS 2 ALL CATS.
1509141427-1603121427EST.

TONOPAH

Tonopah

FDC 5/4344 TPH ODP TONOPAH, TONOPAH, NV.
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE
PROCEDURES AMDT 1...TAKEOFF MINIMUMS:
RWYS 15,33, STANDARD WITH MINIMUM CLIMB OF
345 FEET PER NM TO 7900. DEPARTURE
PROCEDURE: RWY 15, CLIMBING LEFT TURN
DIRECT TONOPAH (TPH) VORTAC. RWY 33,
CLIMBING RIGHT TURN DIRECT TONOPAH (TPH)
VORTAC. CONTINUE CLIMB IN HOLDING PATTERN
(W, RIGHT TURNS, 085 INBOUND) TO DEPART TPH
VORTAC AT OR ABOVE 10500. CLIMB ON COURSE
TO MEA OR ASSIGNED ALTITUDE. ALL OTHER DATA
REMAINS AS PUBLISHED.
1509022018-1602292018EST.

WINNEMUCCA

Winnemucca Muni

FDC 5/8325 WMC IAP WINNEMUCCA MUNI,
WINNEMUCCA, NV. RNAV (GPS) RWY 32, ORIG...LPV
DA NA. NOTE: HELICOPTER VISIBILITY REDUCTION
BELOW 3/4 SM NOT AUTHORIZED.
1509301428-1605041428EST.

FDC 5/8324 WMC IAP WINNEMUCCA MUNI,
WINNEMUCCA, NV. RNAV (GPS) RWY 14, ORIG...LPV
DA NA. 1509301428-1605041428EST.

FDC 5/6611 WMC IAP WINNEMUCCA MUNI,
WINNEMUCCA, NV. VOR/DME RWY 14,
ORIG-A...CIRCLING CAT A MDA 4720/HAA 412.
PROCEDURE TURN COMPLETION ALTITUDE 7900.
1509251825-1605131824EST.

FDC 5/4031 WMC ODP WINNEMUCCA MUNI,
WINNEMUCCA, NV. TAKEOFF MINIMUMS AND
(OBSTACLE) DEPARTURE PROCEDURES AMDT
1...TAKEOFF MINIMUMS: RWY 2, STANDARD WITH A
MINIMUM CLIMB OF 495 FEET PER NM TO 7700..
ALL OTHER DATA REMAINS AS PUBLISHED.
1509021653-1602291653EST.

NEW HAMPSHIRE

CONCORD

Concord Muni

FDC 5/9165 CON IAP CONCORD MUNI, CONCORD,
NH. VOR-A, ORIG-B...PROCEDURE NA.
1510011303-1605231302EST.

FDC 5/4868 CON IAP CONCORD MUNI, CONCORD,
NH. ILS OR LOC RWY 35, AMDT 1B...DISREGARD
NOTE: WHEN VGSI INOPERATIVE, CIRCLING RWY
17 NA AT NIGHT. DISREGARD NOTE: CIRCLING TO
RWY 12 AND 30 NA AT NIGHT. NOTE: NIGHT
LANDING: RWY 12, 17, 30 NA.
1506081515-1512051515EST.

FDC 5/4866 CON IAP CONCORD MUNI, CONCORD,
NH. RNAV (GPS) RWY 35, ORIG-B...DISREGARD
NOTE: CIRCLING TO RWY 12/30 NA AT NIGHT.
DISREGARD NOTE: WHEN VGSI INOPERATIVE,
CIRCLING RWY 17 NA AT NIGHT. DISREGARD NOTE:
VISIBILITY REDUCTION BY HELICOPTERS NA.
NOTE: NIGHT LANDING: RWY 12, 17, 30 NA. NOTE:
HELICOPTER VISIBILITY REDUCTION BELOW 1 SM
NOT AUTHORIZED. 1506081514-1512051514EST.

FDC 5/4864 CON IAP CONCORD MUNI, CONCORD,
NH. RNAV (GPS) RWY 17, ORIG-B...DISREGARD
NOTE: CIRCLING TO RWY 12/30 NA AT NIGHT.
DISREGARD NOTE: WHEN VGSI INOPERATIVE,
STRAIGHT-IN/CIRCLING RWY 17 PROCEDURE NA AT
NIGHT. DISREGARD NOTE: VISIBILITY REDUCTION
BY HELICOPTERS NA. NOTE: NIGHT LANDING: RWY
12, 17, 30 NA. NOTE: HELICOPTER VISIBILITY
REDUCTION BELOW 1 SM NOT AUTHORIZED.
1506081512-1512051512EST.

FDC 5/4862 CON IAP CONCORD MUNI, CONCORD,
NH. RNAV (GPS) RWY 12, ORIG-B...DISREGARD
NOTE: CIRCLING TO RWY 30 NA AT NIGHT.
DISREGARD NOTE: WHEN VGSI INOPERATIVE,
CIRCLING RWY 17 NA AT NIGHT. DISREGARD NOTE:
STRAIGHT-IN/CIRCLING RWY 12 NA AT NIGHT.
DISREGARD NOTE: VISIBILITY REDUCTION BY
HELICOPTERS NA. NOTE: NIGHT LANDING: RWY 12,
17, 30 NA. NOTE: HELICOPTER VISIBILITY
REDUCTION BELOW 1 SM NOT AUTHORIZED.
1506081511-1512051511EST.

KEENE

Dillant-Hopkins

FDC 5/5870 EEN IAP DILLANT-HOPKINS, KEENE,
NH. VOR RWY 2, AMDT 13...PROCEDURE NA.
1508041526-1601311525EST.

LACONIA

Laconia Muni

FDC 5/3417 LCI IAP LACONIA MUNI, LACONIA, NH.
RNAV (GPS) RWY 26, ORIG...NOTE: NIGHT LANDING:
RWY 26 NA. CHANGE HELICOPTER RESTRICTION
NOTE TO READ: VISIBILITY REDUCTION BELOW 1
SM NOT AUTHORIZED. 1509181548-1604201547EST.

FDC 5/1948 LCI IAP LACONIA MUNI, LACONIA, NH.
RNAV (GPS) RWY 26, ORIG...DESCENT ANGLE
3.08/TCH 40 NA. 1510231733-1605271733EST.

LEBANON

Lebanon Muni

FDC 5/8779 LEB IAP LEBANON MUNI, LEBANON, NH. RNAV (GPS) RWY 36, ORIG-A...DESCENT ANGLE 3.16/TCH 55 NA. 1508061648-1602021648EST.

FDC 5/7720 LEB IAP LEBANON MUNI, LEBANON, NH. VOR RWY 25, AMDT 1A...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, LAH NDB OUT OF SERVICE. 1507201523-1601161523EST.

FDC 5/3004 LEB SID LEBANON MUNI, LEBANON, NH. WHITE RIVER ONE DEPARTURE...CHANGE CAMBRIDGE, CONCORD, AND KEENE TRANSITIONS REQUIRE A MINIMUM CLIMB GRADIENT OF 250 FT PER NM THROUGH 4000 FT NOTE TO READ: CAMBRIDGE, CONCORD, KEENE AND MOTPELIER TRANSITIONS REQUIRE A MINIMUM CLIMB GRADIENT OF 380 FT PER NM THROUGH 4000 FT. 1507091716-1601051716EST.

FDC 5/2403 LEB ODP LEBANON MUNI, LEBANON, NH. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...TAKE-OFF MINIMUMS RWY 18, 300-1 WITH MINIMUM CLIMB OF 380 FEET PER NM TO 3800, OR 2000-3 FOR CLIMB IN VISUAL CONDITIONS. ALL OTHER DATA REMAINS AS PUBLISHED. 1510261236-1604231236EST.

MANCHESTER

Manchester

FDC 5/9212 MHT IAP MANCHESTER, MANCHESTER, NH. VOR/DME RWY 17, ORIG-E...PROCEDURE NA. 1510011314-1605231314EST.

FDC 5/8003 MHT IAP MANCHESTER, MANCHESTER, NH. VOR RWY 35, AMDT 15E...DISTANCE MHT VOR/DME TO MAP 4.03 NM.. 1509301248-1603281247EST.

PORTSMOUTH

Portsmouth Intl At Pease

FDC 5/5329 PSM IAP PORTSMOUTH INTL AT PEASE, PORTSMOUTH, NH. VOR RWY 16, AMDT 5B...S-16 MDA 540/HAT 443 ALL CATS. VIS CATS A/B RVR 4000. CIRCLING CAT A MDA 560/HAA 460. TEMPORARY CRANE 238 MSL 1.71 NM N OF RWY 16. 1509041140-1603021140EST.

NEW JERSEY

ANDOVER

Aeroflex-Andover

FDC 5/7780 12N IAP AEROFLEX-ANDOVER, ANDOVER, NJ. RNAV (GPS) RWY 3, AMDT 1A...DESCENT ANGLE 3.16/TCH 40 NA. 1508241704-1602201704EST.

FDC 5/0541 12N ODP AEROFLEX-ANDOVER, ANDOVER, NJ. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...DEPARTURE PROCEDURE RWY 3, 500-2 OR STANDARD WITH A MINIMUM CLIMB OF 366 FT PER NM TO 900. RWY 21, 600-2 OR STANDARD WITH A MINIMUM CLIMB OF 295 FT PER NM TO 1000. ALL OTHER DATA REMAINS AS PUBLISHED. 1509151215-1604261215EST.

ATLANTIC CITY

Atlantic City Intl

FDC 5/9637 ACY IAP ATLANTIC CITY INTL, ATLANTIC CITY, NJ. VOR RWY 4, AMDT 15B...PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON SIE VORTAC AIRWAY RADIALS 333 CW 059. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1510011659-1603291659EST.

FDC 5/9292 ACY IAP U.S. DOD ATLANTIC CITY INTL, ATLANTIC CITY, NJ. HI VOR/DME OR TACAN RWY 31, AMDT 4A...MSA FROM ACY VORTAC 090 - 270 1800.. 1509111509-1603091509EST.

FDC 5/9289 ACY IAP U.S. DOD ATLANTIC CITY INTL, ATLANTIC CITY, NJ. HI ILS OR LOC RWY 13, AMDT 4B...S-LOC 13 MDA 420/HAT 345 ALL CATS. MSA FROM ACY VORTAC 090-270 1800.. 1509111509-1603091509EST.

FDC 5/3465 ACY IAP ATLANTIC CITY INTL, ATLANTIC CITY, NJ. RADAR 1, AMDT 15A...NOTE: RWY 4,22 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1509181718-1604291718EST.

BELMAR/FARMINGDALE

Monmouth Executive

FDC 5/2472 BLM ODP MONMOUTH EXECUTIVE, BELMAR/FARMINGDALE, NJ. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...TAKEOFF MINIMUMS: RWY 3, STANDARD WITH MINIMUM CLIMB OF 210 FT PER NM TO 800, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1400 FT FROM DER. ALL OTHER DATA REMAINS AS PUBLISHED. 1510261326-1604231325EST.

BERLIN

Camden County

FDC 5/9351 19N IAP CAMDEN COUNTY, BERLIN, NJ. RNAV (GPS) RWY 5, ORIG-C...CIRCLING HAA ALL CATS 750, VIS CAT B 1. CHANGE ALTIMETER SETTING NOTE TO READ: USE MOUNT HOLLY ALTIMETER SETTING; WHEN NOT RECEIVED, USE PHILADELPHIA INTL ALTIMETER SETTING AND INCREASE ALL MDA 20 FEET. APT ELEV 150. THIS IS RNAV (GPS) RWY 5 ORIG-D. 1510201605-PERM.

FDC 5/6607 19N IAP CAMDEN COUNTY, BERLIN, NJ. RNAV (GPS) RWY 23, ORIG-A...DESCENT ANGLE 3.05/TCH 40 NA.. 1509251817-1605131817EST.

BLAIRSTOWN

Blairstown

FDC 5/1269 1N7 IAP BLAIRSTOWN, BLAIRSTOWN, NJ. VOR RWY 25, AMDT 2...DELETE NOTE: CIRCLING TO RWY 7 NA AT NIGHT. CHART NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS VOR RWY 25, AMDT 2A. 1510221516-PERM.

CALDWELL

Essex County

FDC 3/2554 CDW FI/T STAR CALDWELL/ESSEX COUNTY, CALDWELL NJ. MAZIE TWO ARRIVAL: PUBLISHED HOLDING AT MAZIE NOT AUTHORIZED.

FDC 3/1522 CDW FI/T STAR CALDWELL/ESSEX COUNTY, CALDWELL NJ. MAZIE ONE ARRIVAL: PUBLISHED HOLDING AT MAZIE NOT AUTHORIZED.

CROSS KEYS

Cross Keys

FDC 5/1652 17N IAP CROSS KEYS, CROSS KEYS, NJ. VOR OR GPS RWY 9, AMDT 6...MISSED APPROACH: CLIMBING RIGHT TURN TO 2100 DIRECT OOD VORTAC AND HOLD. MINIMUM HOLDING ALTITUDE 2100. MSA FROM OOD BEARING 180 CW 270 2600, BEARING 270 CW 180 2200. NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1511121345-1605101345EST.

HAMMONTON

Hammonton Muni

FDC 5/6979 N81 IAP HAMMONTON MUNI, HAMMONTON, NJ. VOR-B, AMDT 2...MSA FROM VCN VORTAC 090 - 270 MINIMUM ALTITUDE 1800, 270 - 090 MINIMUM ALTITUDE 2100. 1505060450-1512020450EST.

FDC 5/6978 N81 IAP HAMMONTON MUNI, HAMMONTON, NJ. RNAV (GPS) RWY 3, AMDT 1...CIRCLING CAT C MDA 560/HAA 495. 1505060450-1512020450EST.

FDC 5/6977 N81 IAP HAMMONTON MUNI, HAMMONTON, NJ. VOR-A, AMDT 7...IKEXY FIX MINIMUMS CIRCLING CAT C MDA 560/HAA 495. MSA FROM VCN VORTAC 090 - 270 MINIMUM ALTITUDE 1800, 270 - 090 MINIMUM ALTITUDE 2100. 1505060450-1512020450EST.

LAKEHURST

Lakehurst Maxfield Fld

FDC 5/7387 NEL IAP LAKEHURST MAXFIELD FLD, LAKEHURST, NJ. VOR RWY 24, ORIG...PROCEDURE NA. 1511031826-1605011826EST.

LAKEWOOD

Lakewood

FDC 5/7645 N12 IAP LAKEWOOD, LAKEWOOD, NJ. RNAV (GPS) RWY 6, ORIG-B...LNAV MDA NA. JOINT BASE MC GUIRE DIX LAKEHURST ALTIMETER SETTING MINIMUMS LNAV MDA NA. NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON CYN VORTAC AIRWAY RADIALS 046 CW 100. DISREGARD NOTE: GPS OR RNP-0.3 REQUIRED. 34:1 IS NOT CLEAR. 1508241445-1602201445EST.

FDC 5/7467 N12 IAP LAKEWOOD, LAKEWOOD, . VOR RWY 6, AMDT 6B...S-6 NA. CIRCLING MDA 640/HAA 597 ALL CATS. JOINT BASE MC GUIRE DIX LAKEHURST ALTIMETER SETTING MINIMUMS: S-6 NA CIRCLING MDA 680/HAA 637 ALL CATS. NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. NOTE: DME REQUIRED, EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON CYN VORTAC AIRWAY RADIALS 046 CW 100.. 1510151550-1605121550EST.

FDC 5/6762 N12 IAP LAKEWOOD, LAKEWOOD, NJ. RNAV (GPS) RWY 24, ORIG-B...LNAV MDA NA. MC GUIRE FLD (JOINT BASE MC GUIRE DIX LAKEHURST) ALTIMETER SETTING MINIMUMS LNAV MDA NA. NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD NOTE: GPS OR RNP-0.3 REQUIRED. 34:1 IS NOT CLEAR. 1508041855-1601311855EST.

LINCOLN PARK

Lincoln Park

FDC 5/9267 N07 ODP LINCOLN PARK, LINCOLN PARK, NJ. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG-A...TAKEOFF MINIMUMS: RWY 19, 300-2 OR STANDARD WITH MINIMUM CLIMB OF 239 FT PER NM TO 600. NOTE: RWY 1, HANGER 16 FT FROM DER, 218 FT RIGHT OF CENTERLINE, 15 FT AGL/198 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1509111431-1603091431EST.

FDC 5/3145 N07 IAP LINCOLN PARK, LINCOLN PARK, NJ. RNAV (GPS) RWY 19, ORIG...TERMINAL ROUTE FROM SPARTA (SAX) VORTAC TO ZASEB (IAF) MINIMUM ALTITUDE 2900. TERMINAL ROUTE FROM ZASEB (IAF) TO WANVA (NO PT) (IF/IAF) MINIMUM ALTITUDE 2900. HOLD-IN-LIEU MINIMUM ALTITUDE 2900.. MISSED APPROACH: CLIMBING LEFT TURN TO 2900 DIRECT WANVA AND HOLD. 1510271340-1606071340EST.

LINDEN

Linden

FDC 5/1272 LDJ ODP LINDEN, LINDEN, NJ. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2-A...TAKEOFF MINIMUMS: RWY 9, 300-1 3/4 OR STANDARD WITH MINIMUM CLIMB OF 338 FEET PER NM TO 400. ALL OTHER DATA REMAINS AS PUBLISHED. 1510061213-1605161213EST.

FDC 3/2569 LDJ FI/T STAR LINDEN, LINDEN, NJ. MAZIE TWO ARRIVAL: PUBLISHED HOLDING AT MAZIE NOT AUTHORIZED.

LUMBERTON

Flying W

FDC 5/4847 N14 IAP FLYING W, LUMBERTON, NJ. RNAV (GPS) RWY 1, AMDT 1A...RNAV (GPS) RWY 19, AMDT 1A...NOTE: NIGHT LANDING: RWY 1 NA. CHANGE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1506081454-1512051454EST.

MANVILLE

Central Jersey Rgnl

FDC 5/1011 47N IAP CENTRAL JERSEY RGNL, MANVILLE, NJ. RNAV (GPS) RWY 25, AMDT 1C...LP MDA NA. 1510051757-1604021757EST.

FDC 3/2553 47N FI/T STAR MANVILLE/CENTRAL JERSEY RGNL, MANVILLE, NJ. MAZIE TWO ARRIVAL: PUBLISHED HOLDING AT MAZIE NOT AUTHORIZED.

MILLVILLE

Millville Muni

FDC 5/7685 MIV IAP MILLVILLE MUNI, MILLVILLE, NJ. RNAV (GPS) RWY 32, ORIG-B...LPV DA NA. LNAV/VNAV DA NA. NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. 1508051759-1602011759EST.

FDC 5/3132 MIV IAP MILLVILLE MUNI, MILLVILLE, NJ. RNAV (GPS) RWY 10, ORIG-A...LPV DA 346/HATH 272, VISIBILITY 7/8 ALL CATS. LNAV VISIBILITY CATS A/B 1, CATS C/D 1 1/8. NOTE: INOPERATIVE TABLE DOES NOT APPLY. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. NOTE: CIRCLING TO RWY 32 NA AT NIGHT. DISREGARD NOTE: FOR INOP MALSR WHEN USING ATLANTIC CITY ALTIMETER SETTING, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 5/8. 1510271334-1606071331EST.

MORRISTOWN

Morristown Muni

FDC 5/6901 MMU IAP MORRISTOWN MUNI, MORRISTOWN, NJ. RNAV (GPS) Z RWY 23, ORIG-B...ALTERNATE MINS STANDARD EXCEPT: CAT D TO 900-2 3/4. 1506262051-1512232051EST.

FDC 3/2568 MMU FI/T STAR MORRISTOWN MUNI, MORRISTOWN, NJ. MAZIE TWO ARRIVAL: PUBLISHED HOLDING AT MAZIE NOT AUTHORIZED.

MOUNT HOLLY

South Jersey Rgnl

FDC 5/3066 VAY ODP SOUTH JERSEY RGNL, MOUNT HOLLY, NJ. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKE-OFF MINIMUMS RWY 26: RWY 26, 300 1/2 OR STANDARD WITH MINIMUM CLIMB RATE OF 207 FT PER NM TO 500. ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT/NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1400 FT PRIOR TO DEPARTURE END OF RUNWAY. ALL OTHER DATA REMAINS AS PUBLISHED. 1507091754-1601051754EST.

NEWARK

Newark Liberty Intl

FDC 5/8653 EWR IAP NEWARK LIBERTY INTL, NEWARK, NJ. ILS OR LOC RWY 4R, AMDT 13...ILS RWY 4R (CAT II & III), AMDT 13...RADAR REQUIRED FOR PROCEDURE ENTRY EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, CRI R-265 UNUSABLE 1510190434-1604160434EST.

FDC 5/8652 EWR IAP NEWARK LIBERTY INTL, NEWARK, NJ. ILS OR LOC RWY 4L, AMDT 15...ILS RWY 4L (SA CAT I & II), AMDT 15...RADAR REQUIRED FOR PROCEDURE ENTRY EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, CRI R-263 UNUSABLE 1510190434-1604160434EST.

FDC 5/7413 EWR IAP NEWARK LIBERTY INTL, NEWARK, . GLS RWY 11, ORIG-B...PROCEDURE NA. 1510151450-1604121450EST.

FDC 5/5917 EWR SID NEWARK LIBERTY INTL, NEWARK, NJ. PORTT THREE DEPARTURE (RNAV)...DEPARTURE PROCEDURE TAKEOFF MINIMUMS RWY 22R 400-2 1/2 OR STANDARD WITH MINIMUM CLIMB OF 220 FT PER NM TO 500 OR ALTERNATIVELY, WITH A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1900 FT PRIOR TO DER. ATC CLIMB OF 500 FT PER NM TO 518. ALL OTHER DATA REMAINS AS PUBLISHED. ALL OTHER DATA REMAINS AS PUBLISHED. 1506252035-1512222035EST.

FDC 5/4603 EWR IAP NEWARK LIBERTY INTL, NEWARK, NJ. ILS OR LOC RWY 11, AMDT 2D...ILS OR LOC RWY 22L, AMDT 13B...RNAV (GPS) RWY 11, ORIG-D...RNAV (GPS) RWY 22R, AMDT 1C...RNAV (GPS) Z RWY 22L, AMDT 1E...CIRCLING CAT C MDA 820/HAA 802 VISIBILITY 2 1/4. 1509031143-1603011142EST.

FDC 5/3395 EWR IAP NEWARK LIBERTY INTL, NEWARK, NJ. RNAV (RNP) Z RWY 29, ORIG-E...*RNP 0.30 DA NA. RNP 0.30 DA 627/HAT 617 ALL CATS. TOWER 291FT MSL 280FT AGL 1.43NM E OF APCH END RWY 29. 1509181532-1604291531EST.

FDC 5/3223 EWR IAP NEWARK LIBERTY INTL, NEWARK, NJ. ILS OR LOC RWY 4R, AMDT 13...S-LOC 4R MDA 620/HAT 610 ALL CATS. TEMPORARY CRANE 356 MSL 2.52 NM S OF RWY 4L. 1507301203-1601261203EST.

FDC 5/3218 EWR IAP NEWARK LIBERTY INTL, NEWARK, NJ. RNAV (GPS) RWY 4L, AMDT 2B...LNAV MDA 620/HAT 610 ALL CATS. TEMPORARY CRANE 356 MSL 2.52 NM S OF RWY 4L. 1507301203-1601261203EST.

FDC 5/3215 EWR IAP NEWARK LIBERTY INTL, NEWARK, NJ. COPTER ILS OR LOC/DME RWY 4L, AMDT 1E...H-LOC 4L MDA 620/HAT 610. TEMPORARY CRANE 356 MSL 2.52 NM S OF RWY 4L. 1507301203-1601261203EST.

FDC 5/3061 EWR IAP NEWARK LIBERTY INTL, NEWARK, NJ. RNAV (RNP) Y RWY 29, AMDT 1C...*RNP 0.30 DA NA. RNP 0.30 DA 627/HAT 617 ALL CATS. TEMPORARY CRANE 291 MSL 1.43 NM E OF RWY 29. 1507091750-1601051749EST.

FDC 5/2682 EWR NJ..SPECIAL NOTICE..NEWARK LIBERTY INTERNATIONAL AIRPORT, NEWARK, NEW JERSEY, RUNWAY STATUS LIGHTS (RWSL) ARE IN AN OPERATIONAL TEST AND MUST BE COMPLIED WITH. RUNWAY STATUS LIGHTS ARE RED IN-PAVEMENT LIGHTS THAT SERVE AS WARNING LIGHTS ON RUNWAYS AND TAXIWAYS INDICATING THAT IT IS UNSAFE TO ENTER, CROSS, OR BEGIN TAKEOFF ON A RUNWAY. NOTE: RUNWAY STATUS LIGHTS INDICATE RUNWAY STATUS ONLY. THEY DO NOT INDICATE CLEARANCE. PILOTS AND VEHICLE OPERATORS MUST STILL RECEIVE A CLEARANCE FROM AIR TRAFFIC CONTROL BEFORE PROCEEDING. FOR ADDITIONAL INFORMATION VISIT: [HTTP://WWW.FAA.GOV/AIR_TRAFFIC/TECHNOLOGY/RWSL](http://www.faa.gov/air_traffic/technology/rwsl) 1510281400-1602252359.

FDC 5/1213 EWR IAP NEWARK LIBERTY INTL, NEWARK, NJ. VOR RWY 11, AMDT 2D...PROCEDURE NA. 1511102132-1605082132EST.

FDC 3/5423 EWR FI/T STAR NEWARK, NJ. SHAFF7 ARRIVAL, DELETE NORTH ATLANTIC AND DOMESTIC ARRIVAL NOTE.

FDC 2/9079 EWR FI/T STAR NEWARK LIBERTY INTL, NEWARK NJ. DYLIN FOUR ARRIVAL FAK TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, OTT VOR OTS.

FDC 2/9073 EWR FI/T STAR NEWARK LIBERTY INTL, NEWARK NJ. DYLIN FOUR ARRIVAL GVE TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, OTT VOR OTS.

FDC 1/4826 EWR FI/T STAR NEWARK LIBERTY INTL, NEWARK, NJ., DYLIN FOUR ARRIVAL.CHANGE WASHINGTON CENTER FREQUENCY TO 132.52 VICE 132.53.

PITTSTOWN

Alexandria

FDC 5/3063 N85 IAP ALEXANDRIA, PITTSTOWN, NJ.
VOR OR GPS RWY 8, AMDT 1A...VOR PORTION DME
REQUIRED. ARD VOR/DME RADIALS 300-353
UNUSABLE BELOW 5000.
1507091752-1601051752EST.

Sky Manor

FDC 5/0715 N40 IAP SKY MANOR, PITTSTOWN, NJ.
RNAV (GPS) RWY 7, ORIG-A...STRAIGHT-IN
MINIMUMS NA. 1506181534-1512151534EST.

RANCOCAS

Inductotherm

FDC 5/3387 3NJ6 SPECIAL INDUCTOTHERM,
RANCOCAS, NJ. RNAV (GPS) RWY 02, AMDT 1...RNAV
(GPS) RWY 20, AMDT 1...VDA/TCH NA.
1510271536-1604241536EST.

FDC 5/1261 3NJ6 SPECIAL INDUCTOTHERM,
RANCOCAS, NJ. RNAV (GPS) RWY 20, AMDT 1...LNAV
MDA 640/HAT 567 ALL CATS.
1510221508-1606021508EST.

READINGTON

Solberg-Hunterdon

FDC 5/1367 N51 IAP SOLBERG-HUNTERDON,
READINGTON, NJ. RNAV (GPS) RWY 22,
ORIG-A...RNAV (GPS) RWY 4, ORIG-A...VOR RWY 4,
AMDT 1A...VOR-A, AMDT 9A...NOTE: PROCEDURE
NA AT NIGHT. 1506191416-1512161416EST.

ROBBINSVILLE

Trenton-Robbinsville

FDC 5/0375 N87 IAP TRENTON-ROBBINSVILLE,
ROBBINSVILLE, NJ. VOR RWY 29, AMDT
11A...NIGHT LANDING RWY 11, 29 NA. VISUAL
DESCENT ANGLE 3.13/TCH 40 NA..
1508271347-1602231347EST.

FDC 5/0372 N87 IAP TRENTON-ROBBINSVILLE,
ROBBINSVILLE, NJ. RNAV (GPS) RWY 29, AMDT
1A...NIGHT LANDING RWY 11, 29 NA. VISUAL
DESCENT ANGLE 3.00/TCH 40 NA..
1508271347-1602231347EST.

FDC 5/0370 N87 IAP TRENTON-ROBBINSVILLE,
ROBBINSVILLE, NJ. RNAV (GPS) RWY 11,
ORIG-A...NIGHT LANDING RWY 11, 29 NA. VISUAL
DESCENT ANGLE 3.00/TCH 40 NA..
1508271347-1602231347EST.

SOMERVILLE

Somerset

FDC 5/4357 SMQ IAP SOMERSET, SOMERVILLE, NJ.
RNAV (GPS) RWY 12, ORIG-A...CIRCLING CAT B MDA
960/HAA 855, CIRCLING CAT B VISIBILITY 1 1/4.
DELETE NOTE: PROCEDURE NA AT NIGHT EXCEPT
BY PRIOR ARRANGEMENT FOR RUNWAY LIGHTS.
CHART NOTE: PROCEDURE NA AT NIGHT. CHART
NOTE: HELICOPTER VISIBILITY REDUCTION
BELOW 1 SM NA. CHART CIRCLING ICON. THIS IS
RNAV (GPS) RWY 12, ORIG-B. 1510281845-PERM.

FDC 3/2546 SMQ FI/T STAR SOMERVILLE/SOMERST,
SOMERVILLE, NJ. MAZIE TWO ARRIVAL:
PUBLISHED HOLDING AT MAZIE NOT AUTHORIZED.

TETERBORO

Teterboro

FDC 3/2570 TEB FI/T STAR TETERBORO,
TETERBORO, NJ. MAZIE TWO ARRIVAL: PUBLISHED
HOLDING AT MAZIE NOT AUTHORIZED.

TRENTON

Trenton Mercer

FDC 5/1722 TTN IAP TRENTON MERCER, TRENTON,
NJ. NDB RWY 6, AMDT 7A...PROCEDURE NA.
1510231146-1605251146EST.

FDC 4/9255 TTN STAR TRENTON MERCER COUNTY,
TRENTON, NJ. CEDAR LAKE 8 ARRIVAL. MINIMUM
ENROUTE ALTITUDE (MEA) IS REVISED BETWEEN
ROUTE SEGMENTS. THE MEA BETWEEN BRIGS
INTERSECTION AND CEDAR LAKE VOR (VCN) AND
BETWEEN VCN AND WOODSTOWN VOR (OOD) IS
REVISED FROM 1900 FEET MSL TO 2100 FEET MSL.
1403211536-1603211400.

FDC 4/0370 TTN STAR TRENTON MERCER,
TRENTON, NJ. BUNTS ONE ARRIVAL. UNUSABLE 1)
BELOW 5000FT MSL BETWEEN PSB AND HAR 2)
BELOW 4000FT MSL BETWEEN HAR AND BOUHN
1403261400-PERM.

VINCENTOWN

Red Lion

FDC 5/9361 N73 IAP RED LION, VINCENTOWN, NJ.
RNAV (GPS) RWY 5, ORIG...NOTE: PROCEDURE NA
AT NIGHT. HELICOPTER VISIBILITY REDUCTION
BELOW 1 SM NOT AUTHORIZED.
1510011450-1603291450EST.

FDC 5/9360 N73 IAP RED LION, VINCENTOWN, NJ.
VOR-A, AMDT 6...NOTE: PROCEDURE NA AT NIGHT.
HELICOPTER VISIBILITY REDUCTION BELOW 1 SM
NOT AUTHORIZED. 1510011450-1603291450EST.

FDC 5/5593 N73 IAP RED LION, VINCENTOWN, NJ.
RNAV (GPS) RWY 5, ORIG...DESCENT ANGLE
3.04/TCH 40 NA.. 1509041937-1603021936EST.

WEST MILFORD

Greenwood Lake

FDC 5/9797 4N1 IAP GREENWOOD LAKE, WEST
MILFORD, NJ. RNAV (GPS) RWY 6, AMDT
1A...DESCENT ANGLE 3.15/TCH 40 NA.
1508261914-1602221914EST.

NEW MEXICO

ALBUQUERQUE

Albuquerque Intl Sunport

FDC 5/5303 ABQ IAP ALBUQUERQUE INTL
SUNPORT, ALBUQUERQUE, NM. VOR OR TACAN
RWY 8, AMDT 20A...EYECE FIX MINIMUMS NA.
1508191601-1602151601EST.

FDC 5/4788 ABQ STAR ALBUQUERQUE
INTERNATIONAL SUNPORT, ALBUQUERQUE, NM.
CURLY TWO ARRIVAL: GUP TRANSITION: ROUTE
FROM GUP TO CURLY IS NOT AUTHORIZED BELOW
14000FT MSL 1510291400-1610291400.

FDC 5/2558 ABQ IAP ALBUQUERQUE INTL
SUNPORT, ALBUQUERQUE, NM. RNAV (RNP) Y RWY
21, ORIG-B..RNAV (RNP) Z RWY 21, AMDT 1A...RNP
0.30 DA 5966/HAT 650 ALL CATS. VIS 2 1/2 ALL CATS.
TEMPORARY CRANE, 5671 MSL, 1.63 NM NE OF
AIRPORT. 1509171600-1601011600EST.

FDC 5/1249 ABQ STAR ALBUQUERQUE
INTERNATIONAL SUNPORT, ALBUQUERQUE, NM.
SANDIA THREE ARRIVAL...AMEND ARRIVAL ROUTE
DESCRIPTION: LANDING RWY 8: FROM ASIDE ON
TRACK 196 TO CROSS CRSTN AT 9000 AND AT 210K.
EXPECT RNAV(RNP)APPROACH OR RADAR
VECTORS TO FINAL APPROACH COURSE.
1501080700-1602040700.

FDC 5/1248 ABQ STAR ALBUQUERQUE
INTERNATIONAL SUNPORT, ALBUQUERQUE, NM.
LZZRD THREE ARRIVAL...AMEND ARRIVAL ROUTE
DESCRIPTION: LANDING RWY 3: FROM MKYON ON
TRACK 319 TO CROSS HAPÉE BETWEEN 11000 AND
13000, THEN ON TRACK 328 TO CROSS COMRO AT
10000 AND AT 210K. EXPECT RNAV(RNP)APPROACH
OR RADAR VECTORS TO FINAL APPROACH
COURSE. 1501080700-1602040700.

FDC 5/1247 ABQ STAR ALBUQUERQUE
INTERNATIONAL SUNPORT, ALBUQUERQUE, NM.
LOWBO THREE ARRIVAL...AMEND ARRIVAL ROUTE
DESCRIPTION: LANDING RWY 8: FROM ITUNE ON
TRACK 125 TO CROSS MUSCC BETWEEN 9000 AND
12000 THEN ON TRACK 126 TO CROSS DWNLD
BETWEEN 9000 AND 11000, THEN ON TRACK 125 TO
CROSS CMSTR AT 9000 AND AT 210K. EXPECT
RNAV(RNP)APPROACH OR RADAR VECTORS TO
FINAL APPROACH COURSE. 1501080700-1602040700.

FDC 5/1246 ABQ STAR ALBUQUERQUE
INTERNATIONAL SUNPORT, ALBUQUERQUE, NM.
KRKEE THREE ARRIVAL...AMEND ARRIVAL ROUTE
DESCRIPTION: LANDING RWY 8: FROM XMRKS ON
TRACK 052 TO CROSS AMRRA AT OR ABOVE 10000,
THEN ON TRACK 053 TO CROSS UNCIR AT OR
ABOVE 8000 AND AT 210K. EXPECT
RNAV(RNP)APPROACH OR RADAR VECTORS TO
FINAL APPROACH COURSE. 1501080700-1602040700.

FDC 5/1242 ABQ STAR ALBUQUERQUE
INTERNATIONAL SUNPORT, ALBUQUERQUE, NM.
KRKEE THREE ARRIVAL...AMEND ARRIVAL ROUTE
DESCRIPTION: LANDING RWY 3: FROM XMRKS ON
TRACK 083 TO CROSS SHWNA AT OR ABOVE 9000,
THEN ON TRACK 084 TO CROSS BIBQU AT OR
ABOVE 8000 AND AT 210K. EXPECT
RNAV(RNP)APPROACH OR RADAR VECTORS TO
FINAL APPROACH COURSE. 1501080700-1602040700.

FDC 5/1241 ABQ STAR ALBUQUERQUE
INTERNATIONAL SUNPORT, ALBUQUERQUE, NM.
SANDIA THREE ARRIVAL...AMEND NOTE TO READ:
LANDING RWY 8: EXPECT RNP APPROACH OR
RADAR VECTORS TO FINAL APPROACH COURSE
PRIOR TO CRSTN. 1501080700-1602040700.

FDC 5/1240 ABQ STAR ALBUQUERQUE
INTERNATIONAL SUNPORT, ALBUQUERQUE, NM.
LZZRD THREE ARRIVAL...AMEND NOTE TO READ:
LANDING RWY 3: EXPECT RNP APPROACH OR
RADAR VECTORS TO FINAL APPROACH COURSE
PRIOR TO COMRO. 1501080700-1602040700.

FDC 5/1239 ABQ STAR ALBUQUERQUE
INTERNATIONAL SUNPORT, ALBUQUERQUE, NM.
LOWBO THREE ARRIVAL...AMEND NOTE TO READ:
LANDING RWY 8: EXPECT RNP APPROACH OR
RADAR VECTORS TO FINAL APPROACH COURSE
PRIOR TO CMSTR. 1501080700-1602040700.

FDC 5/1238 ABQ STAR ALBUQUERQUE
INTERNATIONAL SUNPORT, ALBUQUERQUE, NM.
KRKEE THREE ARRIVAL...AMEND NOTE TO READ:
LANDING RWY 8: EXPECT RNP APPROACH OR
RADAR VECTORS TO FINAL APPROACH COURSE
PRIOR TO UNCIR. 1501080700-1602040700.

FDC 5/1235 ABQ STAR ALBUQUERQUE INTERNATIONAL SUNPORT, ALBUQUERQUE, NM. KRKEE THREE ARRIVAL...AMEND NOTE TO READ: LANDING RWY 3: EXPECT RNP APPROACH OR RADAR VECTORS TO FINAL APPROACH COURSE PRIOR TO BIBQU. 1501080700-1602040700.

CLOVIS

Clovis Muni

FDC 5/9763 CVN IAP CLOVIS MUNI, CLOVIS, NM. RNAV (GPS) RWY 22, ORIG...VOR RWY 22, AMDT 4A...PROCEDURE NA. 1508080012-1603030012EST.

DEMING

Deming Muni

FDC 5/3592 DMN IAP DEMING MUNI, DEMING, NM. RNAV (GPS) RWY 4, AMDT 1...NOTE: NIGHT LANDING RWYS 8, 22, 26 NA. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1510271837-1604241837EST.

FDC 5/3591 DMN IAP DEMING MUNI, DEMING, NM. RNAV (GPS) RWY 22, ORIG...RNAV (GPS) RWY 8, ORIG...NOTE: NIGHT LANDING RWYS 8, 22, 26 NA. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1510271837-1604241837EST.

FDC 5/3239 DMN IAP DEMING MUNI, DEMING, NM. VOR RWY 26, AMDT 10...PROCEDURE NA. 1510271420-1604241419EST.

RATON

Raton Muni/Crews Field

FDC 5/5347 RTN ODP RATON MUNI/CREWS FIELD, RATON, NM. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...DEPARTURE PROCEDURE RWYS 2, 20, 25 NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, CIM VOR OUT OF SERVICE. 1510131554-1604101553EST.

RUIDOSO

Sierra Blanca Rgnl

FDC 5/9859 SRR ODP SIERRA BLANCA RGNL, RUIDOSO, NM. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKE-OFF MINIMUMS: RWY 6, STANDARD. DEPARTURE PROCEDURE: RWY 6, CLIMB DIRECT CEP NDB, THEN ON CEP BEARING 090 TO 11000 BEFORE PROCEEDING ON COURSE. ALL OTHER DATA REMAINS AS PUBLISHED. 1508080116-1603040116EST.

SANTA FE

Santa Fe Muni

FDC 5/9578 SAF IAP SANTA FE MUNI, SANTA FE, NM. RNAV (GPS) RWY 15, ORIG...LNAV MDA 6840/HAT 522 ALL CATS. CAT C/D VISIBILITY 1 1/2. VDP 1.5 NM TO RWY 15. 1508071842-1603031841EST.

FDC 5/5417 SAF IAP SANTA FE MUNI, SANTA FE, NM. ILS OR LOC RWY 2, AMDT 6...MISSED APPROACH: CLIMB TO 7300 THEN CLIMBING LEFT TURN TO 11000 VIA SAF VORTAC R-354 TO ZEDAN/SAF 30.00 DME AND HOLD N, RT, 173.83 INBOUND (DME REQUIRED). DOMAN (SG) LOM OUT OF SERVICE. 1509041345-1603021344EST.

SILVER CITY

Grant County

FDC 5/4001 SVC IAP GRANT COUNTY, SILVER CITY, NM. RNAV (GPS) RWY 8, ORIG-A...VOR-A, AMDT 7B...VOR/DME-B, AMDT 3B...CIRCLING CAT A MDA 5940/HAA 494, CAT B/C MDA 5980/HAA 534. 1507130445-1601090445EST.

FDC 5/4000 SVC IAP GRANT COUNTY, SILVER CITY, NM. RNAV (GPS) RWY 26, ORIG-B...LNAV/VNAV DA 5940/HAT 570, VISIBILITY 1 5/8 ALL CATS. LNAV MDA 5940/HAT 560 ALL CATS, VISIBILITY CAT C/D 1 3/8. CIRCLING CAT A MDA 5940/HAA 494, CAT B/C MDA 5980/HAA 534. VDP 1.63 NM TO RWY 26. 1507130445-1601090445EST.

NEW YORK

BUFFALO

Buffalo Airfield

FDC 5/7013 9G0 IAP BUFFALO AIRFIELD, BUFFALO, NY. RNAV (GPS) RWY 24, AMDT 1A...DESCENT ANGLE 3.00/TCH 40 NA. VDP NA.. 1508211810-1602171810EST.

FDC 5/7011 9G0 IAP BUFFALO AIRFIELD, BUFFALO, NY. RNAV (GPS) RWY 6, ORIG-A...DESCENT ANGLE 3.00/TCH 40 NA. VDP NA.. 1508211810-1602171810EST.

Buffalo Niagara Intl

FDC 5/1739 BUF IAP BUFFALO NIAGARA INTL, BUFFALO, NY. ILS OR LOC/DME RWY 32, AMDT 1A...S-LOC 32 MDA 1120/HAT 407 ALL CATS. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. DELETE NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 32 ALL CATS VISIBILITY TO 1 MILE. CHANGE VDP TO READ: 2.30 DME*; DISTANCE VDP TO THLD 1.12 NM. *LOC ONLY. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 32 CATS A/B VISIBILITY TO 1 MILE AND S-LOC CATS C/D VISIBILITY TO 1 1/8 MILE. THIS IS ILS OR LOC/DME RWY 32, AMDT 1B. 1510061819-PERM.

CANANDAIGUA

Canandaigua

FDC 5/6417 D38 IAP CANANDAIGUA, CANANDAIGUA, NY. VOR-A, ORIG-A...PROCEDURE NA. 1508201938-1602161937EST.

DANSVILLE

Dansville Muni

FDC 5/3253 DSV IAP DANSVILLE MUNI, DANSVILLE, NY. RNAV (GPS)-A, ORIG...CIRCLING RWY 18/36 NA.. 1509012121-1602282121EST.

FDC 5/3252 DSV IAP DANSVILLE MUNI, DANSVILLE, NY. RNAV (GPS) RWY 18, ORIG...PROCEDURE NA. 1509012121-1602282121EST.

FDC 5/3251 DSV IAP DANSVILLE MUNI, DANSVILLE, NY. RNAV (GPS) RWY 14, ORIG...LNAV MDA 1840/HAT 1205 ALL CATS. VIS CAT A 1 1/4, CAT B 1 1/2, CAT C 3. CIRCLING RWY 18/36 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 34:1 IS NOT CLEAR. 1509012121-1602282121EST.

EAST HAMPTON

East Hampton

FDC 5/4879 HTO ODP EAST HAMPTON, EAST HAMPTON, NY. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3.NOTE: RWY 10, TREES 107 FT FROM DER, 355 FT LEFT OF CENTERLINE, UP TO 60 FT AGL/93 FT MSL. TREES 297 FT FROM DER, 350 FT RIGHT OF CENTERLINE, UP TO 61 FT AGL/88 FT MSL. TREES 1131 FT FROM DER, 405 FT LEFT OF CENTERLINE, UP TO 66 FT AGL/102 FT MSL. TREES 2227 FT FROM DER, 520 FT RIGHT OF CENTERLINE, UP TO 58 FT AGL/90 FT MSL. NOTE: RWY 16, TREES 177 FT FROM DER, 170 FT RIGHT OF CENTERLINE, UP TO 44 FT AGL/78 FT MSL. TREES 607 FT FROM DER, 205 FT LEFT OF CENTERLINE, UP TO 50 FT AGL/76 FT MSL. NOTE: RWY 28, TREES 53 FT FROM DER, 480 FT LEFT OF CENTERLINE, UP TO 49 FT AGL/103 FT MSL. TREES 221 FT FROM DER, 351 FT RIGHT OF CENTERLINE, UP TO 57 FT AGL/117 FT MSL. TREES 1303 FT FROM DER, 669 FT RIGHT OF CENTERLINE, UP TO 63 FT AGL/133 FT MSL. TREES 1284 FT FROM DER, 786 FT LEFT OF CENTERLINE, UP TO 57 FT AGL/126 FT MSL. TREES 2353 FT FROM DER, 308 FT LEFT OF CENTERLINE, UP TO 66 FT AGL/138 FT MSL. TREES 3245 FT FROM DER, 473 RIGHT OF CENTERLINE, UP TO 65 FT AGL/143 FT MSL. NOTE: RWY 34, TREES 54 FT FROM DER, 494 FT RIGHT OF CENTERLINE, UP TO 43 FT AGL/81 FT MSL. TREES 103 FT FROM DER, 151 FT LEFT OF CENTERLINE, UP TO 48 FT AGL/86 FT MSL. TREES 2499 FT FROM DER, 498 FT LEFT OF CENTERLINE, UP TO 36 FT AGL/144 FT MSL. ALL OTHER DATA FDC 5/4879 HTO ODP EAST HAMPTON, EAST HAMPTON, NY. REMAINS AS PUBLISHED. 1506081536-1512051536EST

ELLENVILLE

Joseph Y Resnick

FDC 5/7976 N89 IAP JOSEPH Y RESNICK, ELLENVILLE, NY. GPS RWY 22, ORIG...GPS RWY 4, ORIG...NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. NOTE: NIGHT LANDING NA. 1509301246-1603281246EST.

ELMIRA/CORNING

Elmira/Corning Rgnl

FDC 5/9795 ELM IAP ELMIRA/CORNING RGNL, ELMIRA/CORNING, NY. ILS OR LOC RWY 6, AMDT 5A...RADAR REQUIRED FOR PROCEDURE ENTRY EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ULW VOR UNUSABLE BELOW 10000FT. MISSED APPROACH: CLIMB TO 2400 THEN CLIMBING LEFT TURN TO 4000 ON HEADING 020 AND ITH VOR/DME R-236 TO WIKKI INT/ITH 19.79 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000, ULW VOR UNUSABLE BELOW 10000FT. 1508261912-1602221912EST.

FDC 5/9783 ELM IAP ELMIRA/CORNING RGNL, ELMIRA/CORNING, NY. ILS OR LOC RWY 24, AMDT 19A...TERMINAL ROUTE FROM ULW VOR/DME TO ALP NDB NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ULW VOR UNUSABLE BELOW 10000FT. MISSED APPROACH: CLIMB TO 3000 THEN CLIMBING RIGHT TURN TO 4000 DIRECT ALP NDB AND HOLD (ADF REQUIRED). ULW VOR UNUSABLE BELOW 10000FT. 1508261909-1602221909EST.

ENDICOTT

Tri-Cities

FDC 5/7745 CZG IAP TRI-CITIES, ENDICOTT, NY. RNAV (GPS) RWY 3, ORIG-A...DESCENT ANGLE 3.06/TCH 40 NA. 1508051837-1602011837EST.

FARMINGDALE

Republic

FDC 5/6743 FRG STAR REPUBLIC AIRPORT, FARMINGDALE, NY LENDY ARRIVAL...UNUSABLE BELOW 4000FT 1501261320-PERM.

FDC 5/3362 FRG IAP REPUBLIC, FARMINGDALE, NY. RNAV (GPS) RWY 1, AMDT 2B...DELETE VDP AT 0.95 NM TO RW01. DELETE NOTE: VDP NA WHEN USING ISLIP ALTIMETER SETTING. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 1, AMDT 2C. 1509181452-PERM.

FDC 5/3361 FRG IAP REPUBLIC, FARMINGDALE, NY. RNAV (GPS) RWY 19, AMDT 2C...DELETE VDP AT 1.29 NM TO RWY 19. DELETE NOTE: VDP NA WHEN USING ISLIP ALTIMETER SETTING. DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 19, AMDT 2D. 1509181452-PERM.

FDC 5/3360 FRG IAP REPUBLIC, FARMINGDALE, NY. NDB RWY 1, AMDT 14B...DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS NDB RWY 1, AMDT 14C. 1509181452-PERM.

FORT DRUM

Wheeler-Sack AAF

FDC 5/9348 GTB IAP U.S. DOD WHEELER-SACK AAF, FORT DRUM, NY. RADAR 2, ORIG-A...ASR RWY 21 MDA 1100/HAT 439 ALL CATS. VIS CATS A/B 3/4. TOWER 892 MSL 2433 FT N OF RWY 33. 1510011440-1605231440EST.

FDC 5/9346 GTB IAP U.S. DOD WHEELER-SACK AAF, FORT DRUM, NY. RNAV (GPS) RWY 21, AMDT 1A...LNAV MDA 1060/HAT 399 ALL CATS. VDP 1.03 NM TO RW21. TOWER 892 MSL 2433 FT N OF RWY 33. 1510011439-1605231439EST.

GLENS FALLS

Floyd Bennett Memorial

FDC 5/7082 GFL IAP FLOYD BENNETT MEMORIAL, GLENS FALLS, NY. RNAV (GPS) RWY 1, AMDT 1...CHART NOTE: NIGHT LANDING: RWY 12, 30 NA. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 1, AMDT 1A. 1509281554-PERM.

FDC 5/7081 GFL IAP FLOYD BENNETT MEMORIAL, GLENS FALLS, NY. RNAV (GPS) RWY 12, ORIG...CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DELETE NOTE: GPS OR RNP 0.3 REQUIRED. CHART NOTE: NIGHT LANDING: RWY 12, 30 NA. THIS IS RNAV (GPS) RWY 12 ORIG-A. 1509281554-PERM.

FDC 5/7080 GFL IAP FLOYD BENNETT MEMORIAL, GLENS FALLS, NY. ILS OR LOC RWY 1, AMDT 4...CHART NOTE: NIGHT LANDING: RWY 12, 30 NA. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS ILS OR LOC RWY 1, AMDT 4A. 1509281554-PERM.

FDC 5/7079 GFL IAP FLOYD BENNETT MEMORIAL, GLENS FALLS, NY. RNAV (GPS) RWY 19, AMDT 1...CHART NOTE: NIGHT LANDING: RWY 12, 30 NA. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 19, AMDT 1A. 1509281554-PERM.

FDC 5/7078 GFL IAP FLOYD BENNETT MEMORIAL, GLENS FALLS, NY. RNAV (GPS) RWY 30, ORIG-A...CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHART NOTE: NIGHT LANDING: RWY 12, 30 NA. DELETE NOTE: GPS OR RNP 0.3 REQUIRED. THIS IS RNAV (GPS) RWY 30 ORIG-B. 1509281554-PERM.

FDC 5/5148 GFL IAP FLOYD BENNETT MEMORIAL, GLENS FALLS, NY. RNAV (GPS) RWY 30, ORIG-A...DESCENT ANGLE 3.03/TCH 45 NA. 1509031937-1603011937EST.

HAMILTON

Hamilton Muni

FDC 5/2405 VGC ODP HAMILTON MUNI, HAMILTON, NY. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...TAKEOFF MINIMUMS: RWY 17, 1300-2 1/2 FOR CLIMB IN VISUAL CONDITIONS. RWY 35, 400-1 WITH MINIMUM CLIMB OF 397 FEET PER NM TO 2300 OR 1300-2 1/2 FOR CLIMB IN VISUAL CONDITIONS. TEXTUAL DEPARTURE PROCEDURE: RWY 17: CLIMB IN VISUAL CONDITIONS, CROSS HAMILTON MUNICIPAL AIRPORT AT OR ABOVE 2300 BEFORE PROCEEDING ON COURSE. RWY 35: CLIMB HEADING 350 TO 2300 OR FOR CLIMB IN VISUAL CONDITIONS, CROSS HAMILTON MUNICIPAL AIRPORT AT OR ABOVE 2300 BEFORE PROCEEDING ON COURSE. ALL OTHER DATA REMAINS AS PUBLISHED. 1510261239-1604231239EST.

HORNELL

Hornell Muni

FDC 5/7406 HTF IAP HORNELL MUNI, HORNELL, NY. RNAV (GPS) RWY 18, ORIG...VDA 3.00/TCH 40 NA.. 1509291209-1604151209EST.

FDC 5/4895 HTF IAP HORNELL MUNI, HORNELL, NY. VOR/DME-A, AMDT 4A...PROCEDURE NA. 1506081554-1512051553EST.

FDC 5/4602 HTF IAP HORNELL MUNI, HORNELL, NY. RNAV (GPS) RWY 36, ORIG...LPV DA 1660/HAT 465. VIS 1 1/2 ALL CATS. LNAV/VNAV DA 2343. LNAV HAT 925 ALL CATS. CHART TDZE 1195. DELETE THRE 1194. DELETE NOTE: CIRCLING TO RWY 18 NA AT NIGHT. CHART NOTE: NIGHT LANDING: RWY 18 NA. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 36 ORIG-A. 1506081206-PERM.

HUDSON

Columbia County

FDC 5/9136 1B1 ODP COLUMBIA COUNTY, HUDSON, NY. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...DEPARTURE PROCEDURE RWY 21: CLIMB HEADING 189.60 TO 2100 BEFORE PROCEEDING ON COURSE. ALL OTHER DATA REMAINS AS PUBLISHED. 1510201248-1605271248EST.

MALONE

Malone-Dufort

FDC 5/7460 MAL ODP MALONE-DUFORT, MALONE, . TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...TAKEOFF MINIMUMS: RWY 14 NA.. ALL OTHER DATA REMAINS AS PUBLISHED. 1510151547-1605121547EST.

MONTGOMERY

Orange County

FDC 5/9104 MGJ IAP ORANGE COUNTY, MONTGOMERY, NY. RNAV (GPS) RWY 3, AMDT 1...NOTE: NIGHT LANDING: RWY 8, 21, 26 NA AT NIGHT.CHANGE HELICOPTER RESTRICTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA.. 1509111335-1603091335EST.

FDC 5/9100 MGJ IAP ORANGE COUNTY, MONTGOMERY, NY. ILS OR LOC RWY 3, AMDT 3C...NOTE: NIGHT LANDING: RWY 8, 21, 26 NA AT NIGHT.CHANGE HELICOPTER RESTRICTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA.. 1509111335-1603091335EST.

FDC 5/7067 MGJ IAP ORANGE COUNTY, MONTGOMERY, NY. VOR RWY 8, AMDT 9...NOTE: NIGHT LANDING: RWY 8, 21, 26 NA AT NIGHT. CHANGE HELICOPTER VISIBILITY RESTRICTION NOTE TO READ: VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1507171405-1601131405EST.

FDC 5/6526 MGJ IAP ORANGE COUNTY, MONTGOMERY, NY. RNAV (GPS) RWY 26, AMDT 1A...NOTE: NIGHT LANDING: RWY 8, 21, 26 NA AT NIGHT.CHANGE HELICOPTER RESTRICTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. DESCENT ANGLE 3.04/TCH 46 NA. 1509081427-1603061427EST.

FDC 5/5568 MGJ IAP ORANGE COUNTY, MONTGOMERY, NY. RNAV (GPS) RWY 21, AMDT 1...NOTE: NIGHT LANDING: RWY 8, 21, 26 NA AT NIGHT. CHANGE HELICOPTER RESTRICTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA.. 1509041926-1603021925EST.

FDC 5/0351 MGJ IAP ORANGE COUNTY, MONTGOMERY, NY. RNAV (GPS) RWY 8, AMDT 1...NOTE: NIGHT LANDING: RWY 8, 21, 26 NA AT NIGHT. CHANGE HELICOPTER VISIBILITY NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1509141827-1603121827EST.

NEW YORK

John F Kennedy Intl

FDC 5/8649 JFK IAP JOHN F KENNEDY INTL, NEW YORK, NY. VOR RWY 4R, ORIG...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, CRI R-140 UNUSABLE. 1510190434-1604160434EST.

FDC 5/8644 JFK VFP JOHN F KENNEDY INTL, NEW YORK, NY. BELMONT VISUAL RWY 22L, ORIG...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, CRI R-068 UNUSABLE. 1510190434-1604160434EST.

FDC 5/8440 JFK IAP JOHN F KENNEDY INTL, NEW YORK, NY. ILS OR LOC RWY 22L, AMDT 24B...ILS RWY 22L (CAT II AND III), AMDT 24B...RNAV (RNP) Z RWY 22L, AMDT 1...RNAV (GPS) Y RWY 22L, AMDT 1C...VOR/DME RWY 22L, AMDT 4D...REPLACE ALL REFERENCE ALSF-2 WITH SSALR 1506301903-1512271903EST.

FDC 5/7063 JFK IAP JOHN F KENNEDY INTL, NEW YORK, NY. ILS OR LOC RWY 4L, AMDT 11...DELETE NOTE: LOC PROCEDURE NA DURING SIMULTANEOUS OPERATIONS. THIS IS ILS OR LOC RWY 4L, AMDT 11A. 1510151116-PERM.

FDC 5/6744 JFK STAR KENNEDY INTERNATIONAL, JAMAICA, NY LENDY ARRIVAL...UNUSABLE BELOW 4000FT 1501261320-PERM.

FDC 5/5938 JFK CHART JOHN F KENNEDY INTL, NEW YORK, NY. ILS OR LOC RWY 13L, AMDT 17...CORRECT LANDING MINIMA DATA: S-LOC 13L CAT A/B HAT TO 668 INSTEAD OF 688.. 1510301950-PERM.

FDC 5/5691 JFK IAP JOHN F KENNEDY INTL, NEW YORK, NY. RNAV (GPS) Z RWY 13R, ORIG...PROCEDURE NA. 1509241436-1603221436EST.

FDC 5/5220 JFK SID JOHN F KENNEDY INTL, NEW YORK, NY. KENNEDY TWO DEPARTURE...TEXTUAL DEPARTURE PROCEDURE: CHANGE TAKEOFF RUNWAYS 31L/R BREEZY POINT CLIMB TO READ: CLIMBING LEFT TURN DIRECT CRI VOR/DME, MAKE TURN EAST OF CRI R-039, THEN VIA CRI R-223 TO RNGRR/CRI 27 DME. CROSS CRI 3 DME OR JFK R-253 AT OR ABOVE 2,500 FEET, MAINTAIN 5000 FEET, THENCE...ALL OTHER DATA REMAINS AS PUBLISHED. 1511181731-1605161731EST.

FDC 5/5037 JFK IAP JOHN F KENNEDY INTL, NEW YORK, NY. COPTER RNAV (GPS) 028, ORIG-A...MSA MINIMUM ALTITUDE 2900. DELETE NOTE: PROCEED VFR FROM HELOG WP OR CONDUCT THE SPECIFIED MISSED APPROACH. CHART PLANVIEW NOTE: PROCEED VFR FROM HELOG WP OR CONDUCT THE SPECIFIED MISSED APPROACH. THIS IS COPTER RNAV (GPS) 028 ORIG-B. 1510131057-PERM.

FDC 5/4909 JFK IAP JOHN F KENNEDY INTL, NEW YORK, NY. VOR OR GPS RWY 13L/R, AMDT 18C...VOR PORTION RADAR REQUIRED FOR PROCEDURE ENTRY. 1510291512-1604261512EST.

FDC 5/3034 JFK SPECIAL JOHN F KENNEDY INTL, NEW YORK, NY. COPTER RNAV (GPS) Y 044, ORIG...COPTER RNAV (GPS) Z 044, ORIG...PROCEDURE NA. 1507091734-1601051734EST.

FDC 5/2524 JFK IAP JOHN F KENNEDY INTL, NEW YORK, NY. VOR/DME RWY 22L, AMDT 4D...S-22L VIS CAT A AND B RVR 4000. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED. NOTE: FOR INOPERATIVE ALSF-2, INCREASE S-22L CAT A/B VISIBILITY TO RVR 5000. MSA FROM JFK VOR/DME 270 TO 360 MINIMUM ALTITUDE 2900. 1510261346-1604231343EST.

FDC 5/1299 JFK IAP JOHN F KENNEDY INTL, NEW YORK, NY. ILS OR LOC RWY 31R, AMDT 15D...MISSED APPROACH: CLIMB TO 1800 THEN CLIMBING LEFT TURN TO 4000 ON LGA VOR/DME R-207 TO MOVFA INT/LGA 34.31 DME AND HOLD, CRI R-047 TO R-175 UNUSABLE. 1510221604-1604191604EST.

FDC 5/1265 JFK IAP JOHN F KENNEDY INTL, NEW YORK, NY. VOR RWY 4L, AMDT 1...DME OR RADAR REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, CRI R-153 UNUSABLE. 1510221513-1604191513EST.

FDC 5/1054 JFK IAP JOHN F KENNEDY INTL, NEW YORK, NY. ILS OR LOC RWY 22L, AMDT 24B...ILS OR LOC RWY 31L, AMDT 10D...ILS OR LOC RWY 4R, AMDT 29C...ILS RWY 22R, AMDT 2A...VOR RWY 31L, ORIG...VOR RWY 4L, ORIG-A...VOR RWY 4R, ORIG...ILS RWY 4R (CAT II) AMDT 29C...ILS RWY 4R (CAT III) AMDT 29C...ILS RWY 22L (CAT II) AMDT 24B...ILS RWY 22L (CAT III) AMDT 24B...MSA FROM JFK VOR/DME 270 TO 360 MINIMUM ALTITUDE 2900. 1508281422-1602241413EST.

FDC 5/0903 JFK IAP JOHN F KENNEDY INTL, NEW YORK, NY. COPTER RNAV (GPS) 028, ORIG-A...MSA MINIMUM ALTITUDE 2900. 1510051650-1604021649EST.

Laguardia

FDC 5/8650 LGA IAP LAGUARDIA, NEW YORK, NY. LOC RWY 31, AMDT 3B...DME OR RADAR REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, CRI R-052 AND CRI R-077 UNUSABLE. 1510190434-1604160434EST.

FDC 5/7400 LGA IAP LAGUARDIA, NEW YORK, NY. COPTER ILS OR LOC/DME RWY 22, AMDT 2A...ILS OR LOC RWY 22, AMDT 20D...RNAV (GPS) Y RWY 22, AMDT 2B...RNAV (RNP) Z RWY 22, ORIG-C...ILS RWY 22 (SA CAT I AND II), AMDT 20D...REPLACE ALL REFERENCE ALSF-1 WITH SSALR. 1509291203-1604151202EST.

FDC 5/7123 LGA IAP LAGUARDIA, NEW YORK, NY.
ILS OR LOC RWY 4, AMDT 36C...CHART NOTE: AUTO
PILOT COUPLED APPROACH NA. THIS IS ILS OR
LOC RWY 4, AMDT 36D. 1510151226-1604051512.

FDC 5/5685 LGA IAP LAGUARDIA, NEW YORK, NY.
RNAV (GPS) RWY 13, ORIG...PROCEDURE NA.
1509241435-1603221435EST.

FDC 5/3967 LGA IAP LAGUARDIA, NEW YORK, NY.
ILS OR LOC RWY 4, AMDT 36C...AUTO PILOT
COUPLED APPROACH NA.
1509211419-1603191419EST.

FDC 5/3651 LGA CVFP LAGUARDIA, NY, NEW
YORK, NY EXPRESSWAY VISUAL RWY 31 AMDT 8..
DISREGARD PLAINVIEW NOTE: VERTICAL
GUIDANCE NAVAID AND ANGLE PAPI 3.0 AND 2.75.
CHART PLAINVIEW. NOTE: VERTICAL GUIDANCE
NAVAID AND ANGLE PAPI 3.2. PAPI UNUSABLE
BEYOND 3.7 DEG RIGHT OF RCL. NOTE:
TEMPORARY CRANE 406 MSL 1.48 NM SE OF RWY 31
1508171510-1602172359.

FDC 5/3346 LGA IAP LAGUARDIA, NEW YORK, NY.
ILS OR LOC RWY 22, AMDT 20D...LDA-A, AMDT
2D...RNAV (GPS) RWY 13, ORIG...RNAV (GPS) Y RWY
22, AMDT 2B...RNAV (GPS) Y RWY 4, AMDT
3A...RNAV (GPS)-B, ORIG-A...VOR RWY 4, AMDT
3C...VOR/DME-G, AMDT 2C...VOR/DME-H, AMDT
3B...CIRCLING CAT B MDA 720/HAA 699.
TEMPORARY CRANE 406 MSL 1.48 NM SE OF RWY 31
(2014-AEA-3262/3263-OE). 1511161311-1605141311EST.

FDC 5/3344 LGA IAP LAGUARDIA, NEW YORK, NY.
ILS OR LOC RWY 13, AMDT 1C...COROR FIX
MINIMUMS CIRCLING CAT B MDA 720/HAA 699.
TEMPORARY CRANE 406 MSL 1.48 NM SE OF RWY 31
(2014-AEA-3262/3263-OE). 1511161311-1605141311EST.

FDC 5/0021 LGA IAP LAGUARDIA, NEW YORK, NY.
RNAV (RNP) Z RWY 4, AMDT 1...PROCEDURE NA.
1508262103-1602222103EST.

FDC 5/0019 LGA IAP LAGUARDIA, NEW YORK, NY.
LDA-A, AMDT 2D...CIRCLING CAT A/B MDA 760/HAA
736. MISSED APPROACH: CLIMB TO 3000 VIA LGA
VOR/DME R-225 TO PROUD INT AND HOLD.
1508262102-1602222101EST.

Long Island Mac Arthur

FDC 2/1318 ISP FI/T STAR LONG ISLAND MAC
ARTHUR, NY. LOVES TWO ARRIVAL DUE TO ALB
VOR RESTRICTION, MEA ALB - ATHOS: 8000/GNSS
RNAV MEA 3000. DUE TO RKA VOR RESTRICTION,
MEA RKA - PETER: 10,000/GNSS RNAV MEA 6100.
MEA DNY PETER - ATHOS: 6300. DME REQUIRED.
RADAR REQUIRED.

NEWBURGH

Stewart Intl

FDC 5/7845 SWF IAP STEWART INTL, NEWBURGH,
NY. RNAV (GPS) RWY 16, AMDT 1A...DISREGARD
NOTE: RWY 16 STRAIGHT-IN AND CIRCLING
MINIMUMS NA AT NIGHT. CHANGE HELICOPTER
NOTE TO READ: HELICOPTER VISIBILITY
REDUCTION BELOW 3/4SM NOT AUTHORIZED.
VISUAL DESCENT ANGLE 3.07/40 NOT
AUTHORIZED. VDP AT 1.97 MILES TO RW16.
1508051912-1602011912EST.

FDC 5/7653 SWF IAP STEWART INTL, NEWBURGH,
NY. VOR RWY 27, AMDT 5A...DME REQUIRED
EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE
RNAV SYSTEM WITH GPS, CMK VOR 320-330
UNUSABLE. DISREGARD NOTE: CIRCLING TO RWY
16 NA AT NIGHT. CHANGE RWY 27, STRAIGHT-IN
AND CIRCLING MINIMUMS NA AT NIGHT NOTE TO
READ: NIGHT LANDING: RWY 27 NA.
1508241456-1602201456EST.

FDC 5/6050 SWF IAP STEWART INTL, NEWBURGH,
NY. RNAV (GPS) RWY 16, AMDT 1A...CHANGE NOTE:
PROCEDURE NA FOR ARRIVALS AT TRESA ON V205
EASTBOUND AND V433 SOUTHEAST BOUND TO
READ PROCEDURE NA FOR ARRIVALS AT TRESA ON
V433 SOUTHEAST BOUND. DISREGARD NOTE:
PROCEDURE NA FOR ARRIVALS AT RUBER ON
V58-93 WESTBOUND. 1510141303-1604111303EST.

NIAGARA FALLS

Niagara Falls Intl

FDC 5/0656 IAG IAP NIAGARA FALLS INTL,
NIAGARA FALLS, NY. TACAN RWY 28R, ORIG...S-28R
CATS A/B/C VIS RVR 4000. DISREGARD NOTE:
(ASTERISK) WHEN MALSR INOP, INCREASE VIS
CATS ABCE 1/2 MILE, AND CAT D 1/4 MILE. NOTE:
(ASTERISK) FOR INOPERATIVE MALSR, INCREASE
CATS A/B/C TO RVR 5000, CAT D TO RVR 6000, AND
CAT E TO 1 1/2. NOTE: VISIBILITY REDUCTIONS BY
HELICOPTERS NA. NOTE: WHEN VGSI INOP,
CIRCLING RWY 6 AND 10R NA AT NIGHT.
1511101324-1605081321EST.

NORWICH

Lt Warren Eaton

FDC 5/2247 OIC ODP LT WARREN EATON, NORWICH,
NY. TAKEOFF MINIMUMS AND (OBSTACLE)
DEPARTURE PROCEDURES AMDT 3...TAKE-OFF
MINIMUMS: RWY 19, 700-2 3/4 WITH MINIMUM
CLIMB OF 325 FT PER NM TO 2100 OR 1600-3 FOR
CLIMB IN VISUAL CONDITIONS. ALL OTHER DATA
REMAINS AS PUBLISHED.
1509171319-1603151319EST.

OGDENSBURG

Ogdensburg Intl

FDC 5/5581 OGS IAP OGDENSBURG INTL, OGDENSBURG, NY. RNAV (GPS) RWY 9, ORIG...LPV DA NA. LNAV/VNAV DA NA. 1509041930-1603021929EST.

OLEAN

Cattaraugus County-Olean

FDC 5/6784 OLE IAP CATTARAUGUS COUNTY-OLEAN, OLEAN, NY. RNAV (GPS) RWY 4, AMDT 1...LPV DA NA. LNAV/VNAV DA NA. 1508041908-1601311908EST.

ONEONTA

Oneonta Muni

FDC 5/7753 N66 IAP ONEONTA MUNI, ONEONTA, NY. RNAV (GPS) RWY 24, ORIG-A...DELETE NOTE: PROCEDURE NA AT NIGHT. CHANGE HELICOPTER VISIBILITY NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART NOTE: NIGHT LANDING: RWY 6 NA. THIS IS RNAV (GPS) RWY 24 ORIG-B. 1509291927-PERM.

FDC 5/7752 N66 IAP ONEONTA MUNI, ONEONTA, NY. LOC RWY 24, AMDT 2B...DELETE NOTE: PROCEDURE NA AT NIGHT. CHANGE HELICOPTER VISIBILITY NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART NOTE: NIGHT LANDING: RWY 6 NA. THIS IS LOC RWY 24, AMDT 2C. 1509291927-PERM.

FDC 5/1449 N66 ODP ONEONTA MUNI, ONEONTA, NY. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKEOFF MINIMUMS: RWY 6, 300-1 1/4. RWY 24, 300-1. NOTE: TREES 4715 FT FROM DER, 941 FT RIGHT OF CENTERLINE, UP TO 73 FT AGL/1932 FT MSL. TREES 5855 FT FROM DER, 153 FT RIGHT OF CENTERLINE, UP TO 53 FT AGL/1912 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1510061422-1605161422EST.

OSSINING

Ge Management Development Institute

FDC 5/3569 NK78 SPECIAL GE MANAGEMENT DEVELOPMENT INSTITUTE, OSSINING, NY. COPTER RNAV (GPS) 013, ORIG...NOTE: IFR DEPARTURE NA. 1509181923-1603161923EST.

POUGHKEEPSIE

Dutchess County

FDC 5/9249 POU IAP DUTCHESS COUNTY, POUGHKEEPSIE, NY. ILS OR LOC RWY 6, AMDT 6B...S-ILS 6 DA 484/HAT 328. DISREGARD NOTE: PROCEDURE NA AT NIGHT. NOTE: NIGHT LANDING: RWY 15, 33 NA.. 1509111420-1603091420EST.

FDC 5/7402 POU ODP DUTCHESS COUNTY, POUGHKEEPSIE, NY. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...TAKE-OFF MINIMUMS RWY 6 500-3 WITH MINIMUM CLIMB OF 250 PER NM TO 1000. ALL OTHER DATA REMAINS AS PUBLISHED. 1509291205-1604151205EST.

FDC 5/2071 POU IAP DUTCHESS COUNTY, POUGHKEEPSIE, NY. RNAV (GPS) RWY 24, ORIG-C...VOR-A, AMDT 11C...VOR/DME RWY 6, AMDT 7B...RNAV (GPS) RWY 6, ORIG-C...VOR/DME RWY 24, AMDT 4D...DISREGARD NOTE: NIGHT LANDING: RWY 6, 15, 33 NA. NOTE: NIGHT LANDING: RWY 15,33 NA 1509171126-1603151124EST.

ROME

Griffiss Intl

FDC 5/2572 RME IAP GRIFFISS INTL, ROME, NY. RNAV (GPS) RWY 33, AMDT 2...LPV DA 788/HAT 290, VIS 3/4 ALL CATS. CHANGE INOP MALSR NOTE TO READ: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO 7/8 MILE; INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 1/2 MILE; INCREASE LNAV CATS C/D VISIBILITY TO 1 5/8 MILE. CHANGE INOP MALSR NOTE WHEN USING SYRACUSE ALTIMETER SETTING TO READ: FOR INOPERATIVE MALSR WHEN USING SYRACUSE ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO 1 1/4 MILE AND INCREASE LNAV/VNAV ALL CATS AND LNAV CATS C/D VISIBILITY TO 1 7/8 MILE. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 NOT AUTHORIZED. 1510261408-1604231408EST.

FDC 5/2570 RME IAP GRIFFISS INTL, ROME, NY. ILS OR LOC RWY 33, AMDT 2...S-ILS 33 DA 788/HAT 290, VIS 3/4 ALL CATS. CHANGE INOP MALSR NOTE TO READ: FOR INOPERATIVE MALSR, INCREASE S-ILS 33 ALL CATS VISIBILITY TO 7/8 MILE AND INCREASE S-LOC 33 CATS C/D VISIBILITY TO 1 3/4 MILE. CHANGE INOP MALSR NOTE WHEN USING SYRACUSE ALTIMETER SETTING TO READ: FOR INOPERATIVE MALSR WHEN USING SYRACUSE ALTIMETER SETTING, INCREASE S-ILS 33 ALL CATS VISIBILITY TO 1 1/4 MILE; INCREASE S-LOC 33 CATS C/D VISIBILITY TO 2 MILES. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 NOT AUTHORIZED. 1510261405-1604231405EST.

SARANAC LAKE

Adirondack Rgnl

FDC 5/2002 SLK IAP ADIRONDACK RGNL, SARANAC LAKE, NY. ILS OR LOC/DME Z RWY 23, AMDT 9B...VOR RWY 9, AMDT 2B...VOR/DME RWY 5, AMDT 4B...ALTERNATE MINIMUMS NA, SLK VOR/DME UNMONITORED. 1510231755-1604201755EST.

SARATOGA SPRINGS

Saratoga County

FDC 5/1992 5B2 IAP SARATOGA COUNTY, SARATOGA SPRINGS, NY. VOR/DME-A, AMDT 1B...PROCEDURE NA. 1510231745-1605271744EST.

SCHENECTADY

Schenectady County

FDC 5/4786 SCH IAP SCHENECTADY COUNTY, SCHENECTADY, NY. RNAV (GPS) RWY 10, ORIG-C...DESCENT ANGLE 3.00/TCH 50 NA. 1506081405-1512051404EST.

SHIRLEY

Brookhaven

FDC 5/9877 HWV IAP BROOKHAVEN, SHIRLEY, NY. RNAV (GPS) Z RWY 24, ORIG-A...PROCEDURE NA. 1508261944-1602221944EST.

SIDNEY

Sidney Muni

FDC 5/8006 N23 IAP SIDNEY MUNI, SIDNEY, NY. RNAV (GPS) RWY 25, AMDT 1...CHANGE PROCEDURE TURN LEG LENGTH AT ODEBY FROM 4 NM TO 5 NM.. 1509301248-1603281248EST.

FDC 5/1207 N23 IAP SIDNEY MUNI, SIDNEY, NY. VOR RWY 25, AMDT 3A...PROCEDURE NA. 1511102119-1605082119EST.

FDC 5/1106 N23 IAP SIDNEY MUNI, SIDNEY, NY. RNAV (GPS) RWY 7, ORIG-C...DESCENT ANGLE 3.02/TCH 40 NA. 1510051924-1605161924EST.

SOUTH BETHLEHEM

South Albany

FDC 5/9169 4B0 IAP SOUTH ALBANY, SOUTH BETHLEHEM, NY. RNAV (GPS) RWY 1, ORIG...RNAV (GPS) RWY 19, ORIG...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1509111354-1603091354EST.

FDC 5/4448 4B0 IAP SOUTH ALBANY, SOUTH BETHLEHEM, NY. RNAV (GPS) RWY 19, ORIG...VDA 3.00 / TCH 40 NA. 1510091813-1605201813EST.

FDC 5/4446 4B0 IAP SOUTH ALBANY, SOUTH BETHLEHEM, NY. RNAV (GPS) RWY 1, ORIG...VDA 3.04 / TCH 40 NA. 1510091811-1605201811EST.

FDC 5/4405 4B0 IAP SOUTH ALBANY, SOUTH BETHLEHEM, NY. RNAV (GPS) RWY 1, ORIG...LNAV MDA 1060/HAT 864 ALL CATS. CIRCLING MDA 1060/HAA 864 ALL CATS. CAT A VIS 1 1/4. TEMPORARY CRANE 711FT MSL 550FT AGL 22744FT S OF APCH END RWY 1. 1506061001-1512031001EST.

TICONDEROGA

Ticonderoga Muni

FDC 5/6898 4B6 IAP TICONDEROGA MUNI, TICONDEROGA, NY. RNAV (GPS) RWY 20, AMDT 1A...LPV MINIMUMS NA.. 1506262043-1512232043EST.

WHITE PLAINS

Westchester County

FDC 5/2359 HPN IAP WESTCHESTER COUNTY, WHITE PLAINS, NY. ILS OR LOC RWY 34, AMDT 5A...MISSED APPROACH: CLIMB TO 1200 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 342 AND ON SAX VORTAC R-093 TO NYACK INT/SAX 25.24 DME AND HOLD. CMK R-200 TO R-225 UNUSABLE. 1510261201-1604231201EST.

FDC 5/2358 HPN IAP WESTCHESTER COUNTY, WHITE PLAINS, NY. ILS OR LOC RWY 16, AMDT 25...MISSED APPROACH: CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 150 AND LGA VOR/DME R-044 TO HAARP INT/LGA 23.54 DME AND HOLD. CONTINUE CLIMB-IN-HOLD TO 3000. CMK R-200 TO R-225 UNUSABLE. 1510261201-1604231201EST.

FDC 5/1109 HPN IAP WESTCHESTER COUNTY, WHITE PLAINS, NY. VOR/DME-A, AMDT 4B...PROCEDURE NA. 1510051927-1605161927EST.

FDC 2/2703 HPN FI/T STAR WESTCHESTER COUNTY NOBB15 ARRIVAL, RADAR REQUIRED.

NORTH CAROLINA

ANDREWS

Western Carolina Rgnl

FDC 5/2632 RHP IAP WESTERN CAROLINA RGNL, ANDREWS, NC. RNAV (GPS) RWY 8, ORIG-A...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1510261602-1604231602EST.

FDC 2/1173 RHP FI/T SPECIAL WESTERN CAROLINA RGNL, ANDREWS, NC. (SPECIAL) COPTER RNAV (GPS) 074, ORIG.CHANGE ALL REFERENCES TO ANDREWS-MURPHY TO WESTERN CAROLINA RGNL. MISSED APPROACH: CLIMB TO 7600 DIRECT AKALE WP AND HOLD.

ASHEVILLE

Asheville Rgnl

FDC 5/3209 AVL IAP ASHEVILLE RGNL, ASHEVILLE, NC. ILS OR LOC RWY 16, AMDT 3B...I-IMO LOCALIZER UNUSABLE 0.20 NM FROM THLD. 1510271410-1606071410EST.

Mission Hospitals

FDC 5/1851 NC95 IAP MISSION HOSPITALS, ASHEVILLE, NC. COPTER RNAV (GPS) 019, ORIG-A...ASHEVILLE APPROACH CONTROL FREQUENCY USE 124.65. 1509161919-1603141918EST.

BEAUFORT

Michael J Smith Field

FDC 5/7718 MRH IAP MICHAEL J SMITH FIELD, BEAUFORT, NC. RNAV (GPS) RWY 14, AMDT 1...LNAV MDA 560/HAT 554 ALL CATS. CIRCLING CATS A/B/C MDA 620/HAA 610. TEMPORARY CRANE 260 MSL 1646 FT W OF RWY 3. 1506301146-1512271146EST.

FDC 5/7717 MRH IAP MICHAEL J SMITH FIELD, BEAUFORT, NC. RNAV (GPS) RWY 32, AMDT 1...LNAV MDA 560/HAT 552 ALL CATS. CIRCLING CATS A/B/C MDA 620/HAA 610. TEMPORARY CRANE 260 MSL 1214 FT W OF RWY 3. 1506301146-1512271146EST.

FDC 5/7716 MRH IAP MICHAEL J SMITH FIELD, BEAUFORT, NC. NDB RWY 21, AMDT 2...RNAV (GPS) RWY 21, AMDT 2...CIRCLING CATS A/B MDA 620/HAA 610. TEMPORARY CRANE 260 MSL 1214 FT W OF RWY 3. 1506301146-1512271146EST.

FDC 5/7715 MRH IAP MICHAEL J SMITH FIELD, BEAUFORT, NC. RNAV (GPS) RWY 26, AMDT 2...RNAV (GPS) RWY 8, AMDT 2...CIRCLING CATS A/B/C MDA 620/HAA 610. TEMPORARY CRANE 260 MSL 1214 FT W OF RWY 3. 1506301146-1512271146EST.

FDC 5/7714 MRH IAP MICHAEL J SMITH FIELD, BEAUFORT, NC. RNAV (GPS) RWY 3, AMDT 2...LNAV CATS A/B MDA 560/HAT 552. CIRCLING CATS A/B MDA 620/HAA 610. VDP NA. TEMPORARY CRANE 260 MSL 3076 FT SW OF RWY 3. 1506301146-1512271146EST.

FDC 5/4888 MRH IAP MICHAEL J SMITH FIELD, BEAUFORT, NC. RNAV (GPS) RWY 21, AMDT 2...ADD PROFILE NOTE: VGS1 AND RNAV GLIDEPATH NOT COINCIDENT.. 1511181456-1605161456EST.

CHARLOTTE

Charlotte/Douglas Intl

FDC 5/6971 CLT SID CHARLOTTE/DOUGLAS INTL, CHARLOTTE, . DEBIE SEVEN DEPARTURE (RNAV)...JACAL SEVEN DEPARTURE (RNAV)...ZAVR THREE DEPARTURE (RNAV)...PROCEDURE NA. 1510150851-1604120851EST.

FDC 5/6553 CLT STAR CHARLOTTE/DOUGLAS INTL, CHARLOTTE, NC. JOHNS THREE ARRIVAL...SHINE SIX ARRIVAL PROCEDURES NOT AUTHORIZED 1510150400-PERM.

FDC 3/1694 CLT FI/T STAR CHARLOTTE/DOUGLAS INTERNATIONAL AIRPORT CHARLOTTE,NC.. SUDSY FOUR (RNAV) ARRIVAL PROCEDURE NOT AUTHORIZED.

CLINTON

Clinton-Sampson County

FDC 5/8016 CTZ IAP CLINTON-SAMPSON COUNTY, CLINTON, NC. LOC RWY 6, AMDT 3A...MISSED APPROACH: CLIMB TO 2000 DIRECT CTZ NDB AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2000, HOLD SW, RT 061.83 INBOUND (ADF REQUIRED).. 1509301249-1603281249EST.

CONCORD

Concord Rgnl

FDC 5/7471 JQF IAP CONCORD RGNL, CONCORD, . RNAV (GPS) RWY 2, ORIG-A...LPV DA NA LNAV/VNAV DA NA. LNAV CAT D MINIMUMS NA. TERMINAL ROUTE LOCAS TO LALEC 2900. TERMINAL ROUTE LALEC TO DOCEC 2900. MINIMUM ALTITUDE DOCEC TO ECEGA 2900. MINIMUM ALTITUDE AT COKBA 2400. PROFILE NOTE: DESCENT ANGLE 3.73/TCH 60. 1510151553-1605121553EST.

ELIZABETH CITY

Elizabeth City Cg Air Station/Rgnl

FDC 5/1617 ECG ODP ELIZABETH CITY CG AIR STATION/RGNL, ELIZABETH CITY, NC. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...DEPARTURE PROCEDURE RWY 19 NA WHEN TETHERED BALLOON FLYING. NOTE: RWY 1, BOX 53 FT FROM DER, 312 FT RIGHT OF CENTERLINE, UP TO 6 FT AGL/13 FT MSL. TREES 1233 FT FROM DER, 790 FT LEFT OF CENTERLINE, UP TO 41 FT AGL/44 FT MSL. NOTE: RWY 10, BLDG 7 FT FROM DER, 442 FT RIGHT OF CENTERLINE, UP TO 9 FT AGL/16 FT MSL. DME 292 FT FROM DER, 330 FT LEFT OF CENTERLINE, UP TO 17 FT AGL/24 FT MSL. TREES 100 FT FROM DER, 436 FT RIGHT OF CENTERLINE, UP TO 73 FT AGL/80 FT MSL. TREES 2134 FT FROM DER, 408 FT LEFT OF CENTERLINE, UP TO 86 FT AGL/89 FT MSL. NOTE: RWY 19, BUSHES BEGINNING 61 FT FROM DER, 417 FT RIGHT OF CENTERLINE, UP TO 10 FT AGL, 17 FT MSL. TWY SIGN 64 FT FROM DER, 143 FT LEFT OF CENTERLINE, UP TO 3 FT AGL/12 FT MSL. POLE AND TREES 1032 FT FROM DER, 602 FT LEFT OF CENTERLINE, UP TO 71 FT AGL/78 FT MSL. TREES BEGINNING 1996 FT FROM DER, 825 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/107 FT MSL. NOTE: RWY 28, REIL 26 FT FROM DER, 130 FT RIGHT OF CENTERLINE, UP 2 FT AGL/12 FT MSL. TREE 2962 FT FROM DER, 1198 FT RIGHT OF CENTERLINE, UP TO 81 FT AGL/88 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1511121338-1605101337EST.

ERWIN

Harnett Rgnl Jetport

FDC 5/8093 HRJ ODP HARNETT RGNL JETPORT, ERWIN, NC. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...NOTE: RWY 23, TEMPORARY CRANE 9 FT FROM DER, 314 FT LEFT OF CENTERLINE, 25 FT AGL/207 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1509301336-1604181336EST.

GASTONIA

Gastonia Muni

FDC 5/8695 AKH IAP GASTONIA MUNI, GASTONIA, NC. NDB RWY 3, AMDT 9...MISSED APPROACH: CLIMBING RIGHT TURN TO 2900 IN GHJ NDB HOLDING PATTERN. 1508061604-1602021604EST.

FDC 5/6583 AKH STAR GASTONIA MUNI, GASTONIA, NC SHINE SIX ARRIVAL PROCEDURE NOT AUTHORIZED 1510150400-PERM.

FDC 5/3493 AKH STAR GASTONIA MUNI, GASTONIA, NC. FILPZ ONE ARRIVAL PROCEDURE NOT AUTHORIZED. 1508200400-1607260400EST.

GREENSBORO

Piedmont Triad Intl

FDC 5/9316 GSO IAP PIEDMONT TRIAD INTL, GREENSBORO, NC. RNAV (GPS) RWY 5R, AMDT 2C...LPV DA 1150/HAT 250 ALL CATS. LNAV MDA 1320/HAT 420 ALL CATS, VIS CAT C RVR 4000. DISREGARD NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV CAT D VISIBILITY TO RVR 6000.. 1509111519-1603091519EST.

FDC 5/3155 GSO IAP PIEDMONT TRIAD INTL, GREENSBORO, NC. RNAV (GPS) RWY 23L, AMDT 2B...LNAV MDA 1280/HAT 394 ALL CATS. 1509012008-1602282008EST.

FDC 4/8916 GSO STAR PIEDMONT TRIAD INTERNATIONAL AIRPORT, GREENSBORO, NC BROOK TWO ARRIVAL SPA TRANSITION: MEA 15000, MOCA 600 1403201900-1409201900EST.

GREENVILLE

Pitt-Greenville

FDC 5/8334 PGV IAP PITT-GREENVILLE, GREENVILLE, NC. RNAV (GPS) RWY 8, AMDT 2A...NOTE: NIGHT LANDING: RWY 8 NA. CHANGE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1509301445-1605041445EST.

FDC 5/5629 PGV IAP PITT-GREENVILLE, GREENVILLE, NC. RNAV (GPS) RWY 2, ORIG-A...NOTE: NIGHT LANDING: RWY 8 NA. CHANGE HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1506091457-1512061457EST.

FDC 5/3349 PGV IAP PITT-GREENVILLE, GREENVILLE, NC. RNAV (GPS) RWY 26, AMDT 2A...NOTE: NIGHT LANDING: RWY 8 NA. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1510081307-1604051307EST.

FDC 5/0935 PGV IAP PITT-GREENVILLE, GREENVILLE, NC. RNAV (GPS) RWY 26, AMDT 2A...NOTE: NIGHT LANDING: RWY 8 NA. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1510051712-1604021712EST.

FDC 5/0928 PGV IAP PITT-GREENVILLE, GREENVILLE, NC. RNAV (GPS) RWY 20, AMDT 2A...NOTE: NIGHT LANDING: RWY 8 NA. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1510051707-1604021707EST.

JACKSONVILLE

Albert J Ellis

FDC 5/4792 OAJ IAP ALBERT J ELLIS, JACKSONVILLE, NC. NDB RWY 5, AMDT 8B...RNAV (GPS) RWY 23, ORIG-A...RNAV (GPS) RWY 5, AMDT 1B...CIRCLING CATS A/B/C MDA 600/HAA 507 TEMPORARY CRANE 236 MSL 2843 FT S OF RWY. 1506081409-1512051409EST.

JEFFERSON

Ashe County

FDC 5/9450 GEV IAP ASHE COUNTY, JEFFERSON, NC. RNAV (GPS) RWY 28, ORIG...DISTANCE ASHER TO RW28 0.9 NM. NOTE: PROCEDURE NA AT NIGHT.. 1509111806-1603091806EST.

FDC 5/9449 GEV IAP ASHE COUNTY, JEFFERSON, NC. LOC RWY 28, AMDT 2...DISTANCE ESUGY TO RW28 1.2 NM. NOTE: PROCEDURE NA AT NIGHT.. 1509111806-1603091806EST.

KINSTON

Kinston Rgnl Jetport At Stallings Fld

FDC 5/9329 ISO IAP KINSTON RGNL JETPORT AT STALLINGS FLD, KINSTON, NC. VOR RWY 23, AMDT 16...S-23 MDA 540/HAT 454 ALL CATS. VIS CATS C/D 1 3/8. CIRCLING CATS A/B MDA 580/HAA 487. VDP 1.30 DME FROM ISO VORTAC MISSED APPROACH: CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 3100 DIRECT ISO VORTAC AND HOLD. CONTINUE CLIMB-IN-HOLD TO 3100. 1508261500-1602221500EST.

FDC 5/9328 ISO IAP KINSTON RGNL JETPORT AT STALLINGS FLD, KINSTON, NC. RNAV (GPS) RWY 5, AMDT 3...CIRCLING CATS A/B MDA 580/HAA 487. 1508261500-1602221500EST.

FDC 5/9327 ISO IAP KINSTON RGNL JETPORT AT STALLINGS FLD, KINSTON, NC. RNAV (GPS) RWY 23, AMDT 3...LNAV/VNAV DA 436/HAT 350. VIS 1 1/8 ALL CATS. LNAV MDA 540/HAT 454 ALL CATS. VIS CATS C/D 1 3/8. CIRCLING CATS A/B MDA 580/HAA 487. VDP 1.19 NM TO RW23. 1508261500-1602221500EST.

LIBERTY

Causey

FDC 5/8301 2A5 IAP CAUSEY, LIBERTY, NC. RNAV (GPS) RWY 20, ORIG...DISREGARD NOTE: GPS OR RNP-0.3 REQUIRED. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1509301420-1605041420EST.

FDC 5/8073 2A5 IAP CAUSEY, LIBERTY, NC. RNAV (GPS) RWY 2, ORIG...DISREGARD NOTE: GPS OR RNP-0.3 REQUIRED. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1509301308-1604181308EST.

FDC 5/8069 2A5 IAP CAUSEY, LIBERTY, NC. VOR RWY 2, AMDT 5...NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. NOTE: PROCEDURE NA AT NIGHT. 1509301303-1604181303EST.

LINCOLNTON

Lincolnton-Lincoln County Rgnl

FDC 5/6660 IPJ STAR LINCOLNTON-LINCOLN COUNTY RGNL, LINCOLNTON, NC SHINE SIX ARRIVAL PROCEDURE NOT AUTHORIZED 1510150400-PERM.

LOUISBURG

Triangle North Executive

FDC 5/9905 LHZ IAP TRIANGLE NORTH EXECUTIVE, LOUISBURG, NC. VOR/DME-A, AMDT 2B...PROCEDURE NA. 1508262006-1602222006EST.

MONROE

Charlotte-Monroe Executive

FDC 5/8205 EQY IAP CHARLOTTE-MONROE EXECUTIVE, MONROE, NC. ILS OR LOC/NDB RWY 5, AMDT 1A...S-ILS DA 975/HAT 297, VIS 7/8 ALL CATS. GLIDESLOPE UNUSABLE BELOW 975.. 1508061229-1602021229EST.

FDC 5/6661 EQY STAR CHARLOTTE-MONROE EXECUTIVE, MONROE, NC SHINE SIX ARRIVAL...PROCEDURE NA 1510150400-PERM.

FDC 5/6627 EQY IAP CHARLOTTE-MONROE EXECUTIVE, MONROE, NC. RNAV (GPS) RWY 23, ORIG-B...DISREGARD NOTE: STRAIGHT-IN AND CIRCLING RWY 23 PROCEDURES NA AT NIGHT.. 1509251831-1605131831EST.

FDC 5/3423 EQY IAP CHARLOTTE-MONROE EXECUTIVE, MONROE, NC. ILS OR LOC/NDB RWY 5, AMDT 1A...RNAV (GPS) RWY 5, AMDT 1B...DISREGARD NOTE: CIRCLING RWY 23 NA AT NIGHT. 1509181551-1604201551EST.

MOUNT AIRY

Mount Airy/Surry County

FDC 5/3043 MWK IAP MOUNT AIRY/SURRY COUNTY, MOUNT AIRY, NC. RNAV (GPS) RWY 18, ORIG...NOTE: NIGHT LANDING: RWY 18 NA. CHANGE HELICOPTER RESTRICTION NOTE TO READ: VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1507091739-1601051739EST.

FDC 5/3021 MWK IAP MOUNT AIRY/SURRY COUNTY, MOUNT AIRY, NC. RNAV (GPS) RWY 36, ORIG...NOTE: NIGHT LANDING: RWY 18 NA. CHANGE HELICOPTER RESTRICTION NOTE TO READ: VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1507091726-1601051725EST.

MOUNT OLIVE

Mount Olive Muni

FDC 5/9608 W40 IAP MOUNT OLIVE MUNI, MOUNT OLIVE, NC. VOR-A, AMDT 2A...PROCEDURE NA. 1510011619-1603291619EST.

NEW BERN

Coastal Carolina Regional

FDC 5/8203 EWN IAP COASTAL CAROLINA REGIONAL, NEW BERN, NC. ILS OR LOC RWY 4, ORIG-C...S-ILS 4 DA 334/HAT 317, VIS 1 1/4 ALL CATS. S-LOC 4 MDA 420/HAT 403 ALL CATS. VIS CAT C 1 1/4. HOLD-IN-LIEU MINIMUM ALTITUDE AT KATFI LOM 1400. CHANGE MISSED APPROACH TO READ: CLIMB TO 500 THEN CLIMBING RIGHT TURN TO 2000 DIRECT EWN VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2000. PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHERRY POINT ALTIMETER SETTING AND INCREASE ALL DA/MDA 40 FEET, AND INCREASE S-LOC 4 CAT D VISIBILITY 1/4 MILE. CHANGE CIRCLING TO RWY 14 NA AT NIGHT NOTE TO READ: CIRCLING TO RWY 14/32 NA AT NIGHT. 1508061222-1602021222EST.

NORTH WILKESBORO

Wilkes County

FDC 5/2397 UKF ODP WILKES COUNTY, NORTH WILKESBORO, NC. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKE-OFF MINIMUMS RWY 1 STANDARD WITH MINIMUM CLIMB OF 340'; PER NM TO 5000. RWY 19, STANDARD WITH MINIMUM CLIMB OF 225'; PER NM TO 3200. DEPARTURE ROUTE DESCRIPTION RWY 1 CLIMB HEADING 005 TO 5000 BEFORE PROCEEDING ON COURSE. RWY 19, CLIMB HEADING 185 TO 3200 BEFORE PROCEEDING ON COURSE. ALL OTHER DATA REMAINS AS PUBLISHED. 1510261226-1604231226EST.

OCRACOKE

Ocracoke Island

FDC 5/7876 W95 IAP OCRACOKE ISLAND, OCRACOKE, NC. RNAV (GPS) RWY 6, ORIG...CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. THIS IS RNAV (GPS) RWY 6, ORIG-A. 1510152255-PERM.

FDC 5/7875 W95 IAP OCRACOKE ISLAND, OCRACOKE, NC. RNAV (GPS) RWY 24, ORIG...CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. THIS IS RNAV (GPS) RWY 24, ORIG-A. 1510152255-PERM.

RALEIGH/DURHAM

Raleigh-Durham Intl

FDC 5/7707 RDU IAP RALEIGH-DURHAM INTL, RALEIGH/DURHAM, NC. RNAV (GPS) RWY 32, ORIG...CHANGE MISSED APPROACH TO READ: CLIMB ON COURSE 322 TO KALSE, THEN CLIMBING RIGHT TURN TO 2200 DIRECT DUHAM AND HOLD. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.. 1508051806-1602011806EST.

FDC 5/7612 RDU IAP RALEIGH-DURHAM INTL, RALEIGH/DURHAM, NC. ILS OR LOC RWY 23L, AMDT 8A...LOCALIZER UNUSABLE FOR COUPLED APPROACHES FROM 2 NM TO THRESHOLD.. 1508241412-1602201412EST.

FDC 5/2331 RDU IAP RALEIGH-DURHAM INTL, RALEIGH/DURHAM, NC. ILS OR LOC RWY 5L, AMDT 5A...CHANGE MISSED APPROACH TO READ: CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 2200 VIA HEADING 310 AND RDU VORTAC R-351 TO DUHAM INT/RDU 11 DME AND HOLD. 1509171429-1604281428EST.

FDC 5/2328 RDU IAP RALEIGH-DURHAM INTL, RALEIGH/DURHAM, NC. ILS OR LOC RWY 23R, AMDT 11B...ILS RWY 23R (CAT II AND CAT III)...CHANGE MISSED APPROACH TO READ: CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 2200 VIA HEADING 030 AND RDU VORTAC R-351 TO DUHAM INT AND HOLD. 1509171426-1604281425EST.

ROCKY MOUNT

Nash General Hospital

FDC 5/9257 ONC5 SPECIAL NASH GENERAL HOSPITAL, ROCKY MOUNT, NC. COPTER RNAV (GPS) 009, ORIG...PROCEDURE NA. 1511061430-1605041429EST.

Rocky Mount-Wilson Rgnl

FDC 5/2635 RWI IAP ROCKY MOUNT-WILSON RGNL, ROCKY MOUNT, NC. ILS OR LOC RWY 4, AMDT 16A...S-LOC 4 MDA 540/HAT 381 ALL CATS. NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 4 CATS A/B/C VISIBILITY TO 1 MILE. 1510261606-1604231606EST.

SHELBY

Shelby-Cleveland County Rgnl

FDC 5/6559 EHO STAR SHELBY-CLEVELAND COUNTY RGNL, SHELBY, NC SHINE SIX ARRIVAL PROCEDURE NOT AUTHORIZED 1510150400-PERM.

SPRUCE PINE

Avery County/Morrison Field/

FDC 5/1850 7A8 SPECIAL AVERY COUNTY/MORRISON FIELD/, SPRUCE PINE, NC. COPTER RNAV (GPS) 053, AMDT 1...PROCEDURE NA. 1509161917-1603141917EST.

STATESVILLE

Statesville Rgnl

FDC 5/0266 SVH IAP STATESVILLE RGNL, STATESVILLE, NC. RNAV (GPS) RWY 28, AMDT 3...LNAV MDA 1300/HAT 344 ALL CATS, VISIBILITY CATS A/B/C 3/4. LPV VISIBILITY ALL CATS 3/4. LNAV/VNAV VISIBILITY ALL CATS 3/4. NOTE: NIGHT LANDING: RWY 10 OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD. 1508271143-1602231143EST.

TARBORO

Tarboro-Edgecombe

FDC 5/3244 ETC ODP TARBORO-EDGEcombe, TARBORO, NC. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...RWY 9: CLIMB HEADING 092 TO 500 BEFORE TURNING. NOTE: RWY 9, TREES 892 FT FROM DER, 613 FT LEFT OF CENTERLINE, UP TO 30 FT AGL/80 FT MSL. TREES BEGINNING 1782 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/135 FT MSL. TREES BEGINNING 3380 FT FROM DER, 124 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/143 FT MSL. RWY 27, TREES BEGINNING 6 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/132 FT MSL. BLDGS BEGINNING 44 FT FROM DER, 405 FT RIGHT OF CENTERLINE, UP TO 70 FT AGL/92 FT MSL. POLES BEGINNING 55 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 60 FT AGL/70 FT MSL. BILLBOARD 146 FT FROM DER, 358 FT LEFT OF CENTERLINE, 67 FT AGL/83 FT MSL. VEHICLES ON ROAD BEGINNING 182 FT FROM DER, 2 FT RIGHT OF CENTERLINE, UP TO 15 FT AGL/84 FT MSL. TREES BEGINNING 182 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 50 FT AGL/68 FT MSL. TREES BEGINNING 3985 FT FROM DER, 976 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/165 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED.. 1510081254-1604051254EST.

WADESBORO

Anson County - Jeff Cloud Field

FDC 5/6657 AFP STAR ANSON COUNTY-HEFF CLOUD FIELD, WADESBORO, NC SHINE SIX ARRIVAL PROCEDURE NOT AUTHORIZED 1510150400-PERM.

FDC 5/4967 AFP ODP ANSON COUNTY - JEFF CLOUD FIELD, WADESBORO, NC. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...TAKE-OFF MINIMUMS: RWY 16, STANDARD WITH A MINIMUM CLIMB OF 276 FT PER NM TO 1000. ALL OTHER DATA REMAINS AS PUBLISHED. 1509031550-1603011550EST.

FDC 5/4966 AFP IAP ANSON COUNTY - JEFF CLOUD FIELD, WADESBORO, NC. ILS OR LOC RWY 34, ORIG-B...NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1509031550-1603011550EST.

FDC 5/4965 AFP IAP ANSON COUNTY - JEFF CLOUD FIELD, WADESBORO, NC. RNAV (GPS) RWY 34, AMDT 2A...LPV DA 558/HAT 259. CHANGE BACKUP ALTIMETER NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ROCKINGHAM ALTIMETER SETTING AND INCREASE LPV DA TO 607 AND ALL CATS VISIBILITY 1/8 MILE; INCREASE LNAV/VNAV DA TO 1005 AND ALL CATS VISIBILITY 1/4 MILE; INCREASE ALL MDA 60 FT AND LNAV CATS C/D AND CIRCLING CAT C VISIBILITY 1/8 MILE, AND INCREASE CIRCLING CAT D VISIBILITY 1/4 MILE. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1509031550-1603011550EST.

FDC 5/3519 AFP STAR ANSON COUNTY-JEFF CLOUD FIELD, WADESBORO, NC. PARQR ONE ARRIVAL PROCEDURE NOT AUTHORIZED. 1508200400-1607260400EST.

WASHINGTON

Washington-Warren

FDC 5/8080 OCW ODP WARREN FIELD, WASHINGTON, NC. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1A.NOTE: RWY 5 , VEHICLES ON ROAD BEGINNING 222 FT FROM DER, 397 FT LEFT OF CENTERLINE, UP TO 15 FT AGL/53 FT MSL. TREES BEGINNING 650 FT FROM DER, 322 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/146 FT MSL. TREES BEGINNING 1824 FT FROM DER, 634 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/155 FT MSL. NOTE: RWY 17, TREES BEGINNING 19 FT FROM DER, 374 FT RIGHT OF CENTERLINE, UP TO 75 FT AGL/108 FT MSL. TREES BEGINNING 1773 FT FROM DER, 382 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/159 FT MSL. NOTE: RWY 23, TREES BEGINNING 32 FT FROM DER, 475 FT LEFT OF CENTERLINE, UP TO 30 FT AGL/63 FT MSL. TREES BEGINNING 354 FT FROM DER, 391 FT RIGHT OF CENTERLINE 30 FT AGL/61 FT MSL. TREES BEGINNING 1455 FT FROM DER, 89 FT LEFT OF CENTERLINE, UP TO 50 FT AGL/87 FT MSL. TREES BEGINNING 1711 FT FROM DER, 852 FT RIGHT OF CENTERLINE, UP TO 70 FT AGL/101 FT MSL. TOWER 5339 FT FROM DER, 580 FT LEFT OF CENTERLINE, 157 FT AGL/170FT MSL. NOTE: RWY 35, VEHICLE ON ROAD BEGINNING 287 FT FROM DER, UP TO 15 FT AGL/51 FT MSL. TREES BEGINNING 345 FT FROM DER, 436 FT RIGHT OF CENTERLINE, UP TO 80 FT AGL/121 FT MSL. TREES BEGINNING 799 FT FROM DER, 37 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/148 FT MSL. TREES BEGINNING 2133 FT FROM DER. 335 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/143 ALL OTHER DATA REMAINS AS PUBLISHED. FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1509301318-1603281312EST

FDC 5/2922 OCW IAP WASHINGTON-WARREN, WASHINGTON, NC. RNAV (GPS) RWY 17, AMDT 1A...PROCEDURE NA. 1510271105-1604241104.

FDC 5/1776 OCW IAP WASHINGTON-WARREN, WASHINGTON, NC. VOR/DME RWY 5, AMDT 3A...NOTE: PROCEDURE NA. 1510231258-1605261258EST.

WAXHAW

Jaars-Townsend

FDC 5/6653 N52 STAR JAARS-TOWNSEND, WAXHAW, NC SHINE SIX ARRIVAL PROCEDURE NOT AUTHORIZED 1510150400-PERM.

FDC 5/3515 N52 STAR JAARS-TOWNSEND, WAXHAW, NC. PARQR ONE ARRIVAL PROCEDURE NOT AUTHORIZED. 1508200400-1607260400EST.

WHITEVILLE

Columbus County Muni

FDC 5/7469 CPC IAP COLUMBUS COUNTY MUNI, WHITEVILLE, NC. NDB RWY 6, AMDT 5B...RADAR REQUIRED FOR PROCEDURE ENTRY EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. TERMINAL ROUTES RAPEN INT TO CPC NDB AND CRE VORTAC TO CPC NDB NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. CRE VORTAC UNUSABLE. 1511031949-1604271949EST.

WILMINGTON

Wilmington Intl

FDC 5/7851 ILM IAP WILMINGTON INTL, WILMINGTON, NC. RNAV (GPS) RWY 24, AMDT 2A...LNAV/VNAV DA 313/HAT 287 ALL CATS. 1509101238-1603081238EST.

FDC 5/7478 ILM IAP WILMINGTON INTL, WILMINGTON, NC. ILS Y OR LOC/DME RWY 6, AMDT 2A...RADAR REQUIRED FOR PROCEDURE ENTRY EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. TERMINAL ROUTES WYLSM INT/CRE VORTAC 28.2 DME (IAF) TO LURKY/I-GNM 13.7 DME (NOPT) AND ILM VORTAC TO LURKY/I-GNM 13.7 DME (IF/IAF) NA, EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. BOTH CRE AND ILM VORTAC(S) UNUSABLE. 1511031952-1604271952EST.

FDC 5/5571 ILM IAP WILMINGTON INTL, WILMINGTON, NC. RNAV (GPS) RWY 17, AMDT 3A...PROCEDURE NA. 1509041927-1603021927EST.

FDC 5/3502 ILM IAP WILMINGTON INTL, WILMINGTON, NC. TACAN-A, ORIG-A...PROCEDURE NA. PER USN DEPUTY HEAD DAN LEHMAN COMM: (843) 218-5282 AND AFS SUE CRUMB. 1506042127-1512012127EST.

FDC 5/1759 ILM IAP WILMINGTON INTL, WILMINGTON, NC. ILS Y OR LOC RWY 35, AMDT 22B...TERMINAL ROUTE FROM WILMINGTON (ILM) VORTAC TO AIRLI (IL) LOM NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.. 1510231242-1605251242EST.

FDC 5/1757 ILM IAP WILMINGTON INTL, WILMINGTON, NC. ILS Y OR LOC RWY 24, AMDT 1A...ADF REQUIRED FOR PROCEDURE ENTRY EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.. 1510231242-1605251242EST.

WINSTON SALEM

Smith Reynolds

FDC 5/9750 INT IAP SMITH REYNOLDS, WINSTON SALEM, NC. RNAV (GPS) RWY 33, ORIG...CHART NOTE: NIGHT LANDING RWYS 15 AND 22 NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. THIS IS RNAV (GPS) RWY 33, ORIG-A. 1510211104-PERM.

FDC 5/9749 INT IAP SMITH REYNOLDS, WINSTON SALEM, NC. ILS OR LOC RWY 33, AMDT 29B...CHART NOTE: NIGHT LANDING RWYS 15 AND 22 NA. THIS IS ILS OR LOC RWY 33, AMDT 29C. 1510211104-PERM.

FDC 5/9748 INT IAP SMITH REYNOLDS, WINSTON SALEM, NC. VOR/DME RWY 15, AMDT 1B...CHART NOTE: NIGHT LANDING RWY 15, 22 NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS VOR/DME RWY 15, AMDT 1C. 1510211104-PERM.

NORTH DAKOTA

DEVILS LAKE

Devils Lake Rgnl

FDC 5/3962 DVL IAP DEVILS LAKE RGNL, DEVILS LAKE, ND. VOR RWY 3, ORIG-B...WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CANDO ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET, INCREASE S-3 CAT A AND CIRCLING CATS C/D VISIBILITY 1/4 MILE, CAMPG FIX MINIMUMS S-3 CATS C/D VISIBILITY 3/8 MILE AND CIRCLING CATS C/D VISIBILITY 1/4 MILE. 1507130358-1602090357EST.

DICKINSON

Dickinson - Theodore Roosevelt Rgnl

FDC 5/3774 DIK IAP DICKINSON - THEODORE ROOSEVELT RGNL, DICKINSON, ND. VOR-A, AMDT 6...ALTERNATE MINIMUMS NA, DIK VORTAC UNMONITORED. 1511170222-1512160222EST.

FDC 5/1641 DIK IAP DICKINSON - THEODORE ROOSEVELT RGNL, DICKINSON, ND. VOR-A, AMDT 6...NOTE: NIGHT LANDING: RWY 25 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1509161608-1604141608EST.

FDC 5/1640 DIK IAP DICKINSON - THEODORE ROOSEVELT RGNL, DICKINSON, ND. ILS OR LOC RWY 32, AMDT 1A...RNAV (GPS) RWY 14, AMDT 1...RNAV (GPS) RWY 32, AMDT 2...NOTE: NIGHT LANDING: RWY 25 NA. 1509161608-1604141608EST.

GWINNER

Gwinner-Roger Melroe Field

FDC 5/9884 GWR IAP GWINNER-ROGER MELROE FIELD, GWINNER, ND. RNAV (GPS) RWY 16, AMDT 4...LNAV/VNAV DA 1563/HAT 306 ALL CATS. VIS 1 ALL CATS. 1507021747-1512291747EST.

HETTINGER

Hettinger Muni

FDC 5/9478 HEI ODP HETTINGER MUNI, HETTINGER, ND. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...DEPARTURE PROCEDURE .. TAKE-OFF MINIMUMS RWY 30, 700 - 3 1/2 OR STANDARD WITH MINIMUM CLIMB OF 320 PER NM TO 3700.. NOTE RWY 30, 3392 MSL WIND TURBINE 460419.43N/1023813.06W.. ALL OTHER DATA REMAINS AS PUBLISHED. 1509111826-1603091826EST.

JAMESTOWN

Jamestown Rgnl

FDC 5/9709 JMS IAP JAMESTOWN RGNL, JAMESTOWN, ND. ILS OR LOC RWY 31, AMDT 7E...NDB RWY 31, AMDT 6C...MSA FROM JM LOM 360-180 3200. 1511061945-1605041945EST.

KENMARE

Kenmare Muni

FDC 5/8495 7K5 IAP KENMARE MUNI, KENMARE, . RNAV (GPS) RWY 26, ORIG...CIRCLING MDA 2640/ HAA 678 CAT A. 1510171337-1604141337EST.

MINOT

Minot Intl

FDC 5/9536 MOT IAP MINOT INTL, MINOT, ND. ILS OR LOC RWY 31, AMDT 10A...S-LOC 31 MDA 2080/HAT 423 ALL CATS. VDP 2.76 DME; DISTANCE VDP TO THRESHOLD 1.16 MILES. TEMPORARY CRANE 1892 MSL 3,094 FT SW OF AIRPORT. 1508071754-1602031754EST.

FDC 5/9535 MOT IAP MINOT INTL, MINOT, ND. RNAV (GPS) RWY 8, ORIG...LPV DA 2046/HAT 334 ALL CATS. TEMPORARY CRANE 1892 MSL 3,094 FT SW OF AIRPORT. 1508071754-1602031754EST.

FDC 5/9534 MOT IAP MINOT INTL, MINOT, ND. VOR RWY 26, AMDT 13...EMEBY FIX MINIMUMS: S-26 MDA 2200/HAT 542 ALL CATS. VIS CATS C/D 1 5/8. VDP 2.76 DME; DISTANCE VDP TO THRESHOLD 1.55 MILES. TEMPORARY CRANE 1892 MSL 3,094 FT SW OF AIRPORT. 1508071754-1602031754EST.

MOHALL

Mohall Muni

FDC 5/5669 HBC IAP MOHALL MUNI, MOHALL, ND. VOR/DME-A, ORIG...PROCEDURE NA. 1510301534-1604271534EST.

RUGBY

Rugby Muni

FDC 5/4416 RUG IAP RUGBY MUNI, RUGBY, ND. RNAV (GPS) RWY 12, ORIG-A...RNAV (GPS) RWY 30, ORIG-A...DESCENT ANGLE 3.00/TCH 45 NA. 1505202003-1512162002EST.

WATFORD CITY

Watford City Muni

FDC 5/7322 S25 IAP WATFORD CITY MUNI, WATFORD CITY, ND. RNAV (GPS) RWY 12, ORIG-A...RNAV (GPS) RWY 30, ORIG...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. 1511031650-1605011650EST.

OHIO

ALLIANCE

Miller

FDC 5/4134 4G3 IAP MILLER, ALLIANCE, OH. VOR OR GPS-A, AMDT 8C...PROCEDURE NA. 1510281444-1604251444EST.

ASHLAND

Ashland County

FDC 5/8012 3G4 IAP ASHLAND COUNTY, ASHLAND, OH. RNAV (GPS) RWY 19, ORIG-C...LNAV MDA 1600/HATH 396, VISIBILITY CAT C 1 1/8. CIRCLING CAT A MDA 1660/HAA 454. 1511041701-1605021701EST.

ATHENS

O'Bleness Memorial Hospital

FDC 5/5962 OH23 SPECIAL O&APOS;BLENESS MEMORIAL HOSPITAL, ATHENS, OH. COPTER RNAV (GPS) 129, ORIG...IFR DEPARTURE NA. 1510301957-1604271957EST.

BEACH CITY

Beach City

FDC 5/4055 2D7 IAP BEACH CITY, BEACH CITY, OH. VOR OR GPS-A, AMDT 1...PROCEDURE NA. 1511171602-1605151602EST.

BOWLING GREEN

Wood County

FDC 5/9066 1G0 IAP WOOD COUNTY, BOWLING GREEN, OH. RNAV (GPS) RWY 10, ORIG-B...RNAV (GPS) RWY 18, ORIG-A...RNAV (GPS) RWY 28, ORIG-A...RNAV (GPS) RWY 36, ORIG-A...VOR RWY 18, AMDT 13...NOTE: NIGHT LANDING: RWY 36 NA. 1511052250-1605032250EST.

CADIZ

Harrison County

FDC 5/7821 8G6 ODP HARRISON COUNTY, CADIZ, OH. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3...TAKE-OFF MINIMUMS: RWY 13, 300-2 OR STANDARD WITH MINIMUM CLIMB OF 266 FEET PER NM TO 1500. RWY 31, 300-1. ALL OTHER DATA REMAINS AS PUBLISHED. 1506301300-1512271300EST.

CAMBRIDGE

Cambridge Muni

FDC 5/3597 CDI IAP CAMBRIDGE MUNI, CAMBRIDGE, OH. LOC/DME RWY 22, AMDT 1C...DESCENT ANGLE 3.05/TCH 40 NA. 1507301539-1601261539EST.

CARROLLTON

Carroll County-Tolson

FDC 5/6572 TSO IAP CARROLL COUNTY-TOLSON, CARROLLTON, OH. RNAV (GPS) RWY 7, ORIG-A...DESCENT ANGLE 3.00/TCH 45 NA. 1506261500-1601221500EST.

CHILLICOTHE

Ross County

FDC 5/8251 RZT IAP ROSS COUNTY, CHILLICOTHE, OH. RNAV (GPS) RWY 23, AMDT 1A...NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. 1511041945-1605021945EST.

CLEVELAND

Burke Lakefront

FDC 5/8355 BKL SID BURKE LAKEFRONT, CLEVELAND, OH. ALPHE THREE DEPARTURE (RNAV)...OBRLN THREE DEPARTURE...NOTE: RWY 24L, TEMPORARY CRANE, 2374 FT FROM DEPARTURE END OF RWY, 212 FT RIGHT OF CENTERLINE, 90 AGL/668 MSL. NOTE: RWY 24R, TEMPORARY CRANE, 2568 FT FROM DEPARTURE END OF RWY, 286 FT LEFT OF CENTERLINE, 90 AGL/668 MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1506151116-1512121116EST.

FDC 5/8354 BKL ODP BURKE LAKEFRONT, CLEVELAND, OH. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 5...NOTE: RWY 24L, TEMPORARY CRANE, 2374 FT FROM DEPARTURE END OF RWY, 212 FT RIGHT OF CENTERLINE, 90 AGL/668 MSL. NOTE: RWY 24R, TEMPORARY CRANE, 2568 FT FROM DEPARTURE END OF RWY, 286 FT LEFT OF CENTERLINE, 90 AGL/668 MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1506151116-1512121116EST.

Cleveland-Hopkins Intl

FDC 5/5738 CLE IAP CLEVELAND-HOPKINS INTL, CLEVELAND, OH. ILS OR LOC RWY 6R, AMDT 21C...RNAV (GPS) RWY 24L, AMDT 3C...RNAV (GPS) RWY 24R, AMDT 3C...RNAV (GPS) RWY 6L, AMDT 1C...RNAV (GPS) RWY 6R, AMDT 2C...CIRCLING MDA 1420/HAA 621 ALL CATS. VIS CAT C 1 3/4.. 1509050504-1604040502EST.

FDC 5/2980 CLE IAP CLEVELAND-HOPKINS INTL, CLEVELAND, OH. ILS RWY 6R (SA CAT II), AMDT 21C...PROCEDURE NA. 1509172252-1604152252EST.

FDC 5/1984 CLE IAP CLEVELAND-HOPKINS INTL, CLEVELAND, OH. ILS OR LOC RWY 24L AMDT 22C...S-LOC 24L MDA 1260/HATH 474 ALL CATS. VIS CAT C/D RVR 5000. SIDESTEP 24R MDA 1260/HATH 474 ALL CATS. VIS CAT A/B RVR 5000, CAT C 1 1/2, CAT D 2. CIRCLING MDA 1420/HAA 621 ALL CATS. VIS CAT C 1 3/4. VDP AT I-HPI 3.12 DME; DISTANCE VDP TO THLD 1.34 MILES 1507081532-1602041531EST.

Cuyahoga County

FDC 5/8277 CGF SID CUYAHOGA COUNTY, CLEVELAND, OH. AMRST FIVE DEPARTURE...CARLETON TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, CRL VORTAC UNUSABLE BEYOND 40 NM. 1511041957-1605021957EST.

FDC 5/8038 CGF IAP CUYAHOGA COUNTY, CLEVELAND, OH. RNAV (GPS) RWY 6, AMDT 1A...LNAV/VNAV DA 1240/HAT 367. CHANGE HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1511041735-1605021735EST.

Metro Health Medical Center

FDC 5/6590 53OI SPECIAL METRO HEALTH MEDICAL CENTER, CLEVELAND, OH. COPTER RNAV (GPS) 28, ORIG...LPV DA 1073 MSL. LPV MISSED APPROACH REQUIRES MINIMUM CLIMB OF 613 FT PER NM TO 1100 MSL. 1508210144-1603210132EST.

COLUMBUS

Rickenbacker Intl

FDC 5/5222 LCK IAP RICKENBACKER INTL, COLUMBUS, OH. ILS OR LOC RWY 23L, AMDT 1A...ILS OR LOC RWY 5L, AMDT 1B...ILS OR LOC RWY 5R, AMDT 3B...ILS RWY 5R (SA CAT I), AMDT 3B...ILS RWY 5R (CAT II), AMDT 3B...ALTERNATE MINIMUMS NA, XUB VOR UNMONITORED. 1511181733-1511251733EST.

DAYTON

Dayton-Wright Brothers

FDC 5/6955 MGY ODP DAYTON-WRIGHT BROTHERS, DAYTON, OH. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3...NOTE: RWY 20, TEMPORARY CRANE, 1079 FT FROM DER, 455 FT FROM RUNWAY CENTERLINE, 120 AGL/ 1041 MSL, 2015-AGL-8626 THRU 8633-OE. ALL OTHER DATA REMAINS AS PUBLISHED. 1509281221-1603261221EST.

Greene County-Lewis A Jackson Rgnl

FDC 5/2526 I19 IAP GREENE COUNTY-LEWIS A JACKSON RGNL, DAYTON, OH. VOR RWY 7, ORIG-A...NOTE: NIGHT LANDING: RWY 7 OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD. 1509010323-1603280323EST.

FDC 5/1051 I19 IAP GREENE COUNTY-LEWIS A JACKSON RGNL, DAYTON, OH. VOR RWY 25, ORIG-A...HUTVA FIX MINIMUMS (DME REQUIRED) S-25 MDA 1440/HAT 494 ALL CATS, CAT C VISIBILITY 1 3/8. CIRCLING MDA 1480/HAA 531 ALL CATS. VDP 9.65 DME; DISTANCE VDP TO THLD 1.08 NM. 1509151917-1604131917EST.

FDC 5/1050 I19 IAP GREENE COUNTY-LEWIS A JACKSON RGNL, DAYTON, OH. RNAV (GPS) RWY 25, ORIG-A...RNAV (GPS) RWY 7, ORIG-A...CIRCLING MDA 1480/HAA 531 ALL CATS. AIRPORT ELEV: 949. 1509151917-1604131917EST.

James M Cox Dayton Intl

FDC 5/7483 DAY IAP JAMES M COX DAYTON INTL, DAYTON, . ILS OR LOC RWY 18, AMDT 10...ILS OR LOC RWY 24L, AMDT 9A...ILS OR LOC RWY 24R, AMDT 9B...ILS OR LOC RWY 6L, AMDT 9A...NDB RWY 6R, AMDT 9...RNAV (GPS) RWY 18, AMDT 1...RNAV (GPS) RWY 24L, AMDT 1B...RNAV (GPS) RWY 36, AMDT 1...RNAV (GPS) RWY 6R, AMDT 1A...RNAV (GPS) Z RWY 24R, AMDT 1B...RNAV (GPS) Z RWY 6L, AMDT 1B...CIRCLING MDA 1580/HAA 571 ALL CATS. 1510151634-1604121634EST.

DEFIANCE

Defiance Memorial

FDC 5/6062 DFI IAP DEFIANCE MEMORIAL, DEFIANCE, OH. RNAV (GPS) RWY 12, ORIG-A...CIRCLING: CAT A MDA 1140/HAA 433. NOTE: NIGHT LANDING: RWY 30 NA. 1510302019-1604272019EST.

EAST LIVERPOOL

Columbiana County

FDC 5/1176 02G IAP COLUMBIANA COUNTY, EAST LIVERPOOL, OH. VOR RWY 25, AMDT 5...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1507281237-1602241237EST.

FDC 5/1175 02G IAP COLUMBIANA COUNTY, EAST LIVERPOOL, OH. RNAV (GPS) RWY 25, ORIG...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD SYMBOL DEPICTING 34:1 IS CLEAR. 1507281237-1602241237EST.

FDC 5/1032 02G ODP COLUMBIANA COUNTY, EAST LIVERPOOL, OH. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...TAKE-OFF MINIMUMS: RWY 25, 600 - 1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 391 FT PER NM TO 1600. DEPARTURE PROCEDURE: RWY 25, CLIMB HEADING 248.62 TO 1700 BEFORE TURNING RIGHT. NOTE: RWY 7, TREES BEGINNING ABEAM DER, 376 FT LEFT OF CENTERLINE TO 340 FT FROM DER, 86 FT LEFT OF CENTERLINE, UP TO 50 FT AGL/1209 FT MSL. TREES BEGINNING 64 FT FROM DER, 339 FT RIGHT OF CENTERLINE TO 339 FT FROM DER, 59 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/1209 FT MSL. NOTE: RWY 25, TREES BEGINNING 74 FT FROM DER, 183 FT LEFT OF CENTERLINE, UP TO 50 FT AGL/1209 FT MSL. TREE 4131 FT FROM DER, 1342 FT RIGHT OF CENTERLINE, 50 FT AGL/1329 FT MSL. TREE 1.1 NM FROM DER, 2071 FT RIGHT OF CENTERLINE, 50 FT AGL/1429 FT MSL. TREES BEGINNING 887 FT FROM DER, 65 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/1189 FT MSL. POWER POLE, 997 FT FROM DER, 733 FT RIGHT OF CENTERLINE, 40 FT AGL/1179 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1508111839-1602071838EST.

ELYRIA

Elyria

FDC 5/8278 1G1 SID ELYRIA, ELYRIA, OH. AMRST FIVE DEPARTURE...CARLETON TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, CRL VORTAC UNUSABLE BEYOND 40 NM. 1511041957-1605021957EST.

FDC 5/5369 1G1 IAP ELYRIA, ELYRIA, OH. VOR OR GPS-A, AMDT 7B...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1505212009-1512172008EST.

FDC 5/1694 1G1 IAP ELYRIA, ELYRIA, OH. VOR OR GPS-A, AMDT 7B...CIRCLING MDA 1300/HAA 542 CATS B/C. 1506031604-1512301604EST.

FINDLAY

Findlay

FDC 5/3474 FDY IAP FINDLAY, FINDLAY, OH. RNAV (GPS) RWY 7, ORIG...LNAV/VNAV DA 1297/HAT 488, VIS 1 3/4 ALL CATS. CIRCLING CAT A/B VIS 1. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 34:1 IS NOT CLEAR. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI {3.00} TCH {24}). DELETE NOTE: GPS OR RNP-0.3 REQUIRED. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LIMA ALLEN COUNTY ALTIMETER SETTING AND INCREASE ALL DA/MDA 80 FT, AND ALL VISIBILITIES 1/4 MILE. ALTERNATE MINIMUMS: STANDARD. CHANGE BARO-VNAV NA NOTE TO READ: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F). THIS IS RNAV (GPS) RWY 7, ORIG-A. 1510271642-PERM.

FDC 5/3144 FDY ODP FINDLAY, FINDLAY, OH. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKE-OFF MINIMUMS: RWY 25, 300-1 3/4 OR STANDARD WITH MINIMUM CLIMB OF 208 FT PER NM TO 1400, OR ALTERNATIVELY WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1800 FT PRIOR TO DER. ALL OTHER DATA REMAINS AS PUBLISHED. 1510271337-1604241337EST.

GEORGETOWN

Brown County

FDC 5/6999 GEO IAP BROWN COUNTY, GEORGETOWN, OH. RNAV (GPS) RWY 36, ORIG-A...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD SYMBOL REPRESENTING VISUAL 34:1 SLOPE IS CLEAR. 1505060503-1512020503EST.

FDC 5/6998 GEO IAP BROWN COUNTY, GEORGETOWN, OH. VOR/DME-A, AMDT 1...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1505060503-1512020503EST.

HAMILTON

Butler Co Rgnl-Hogan Field

FDC 5/7511 HAO IAP BUTLER CO RGNL-HOGAN FIELD, HAMILTON, OH. ILS OR LOC RWY 29, AMDT 1C...S-LOC 29 VISIBILITY CAT B 1. ARTHN FIX MINIMUMS: S-LOC 29 VISIBILITY CATS C/D 1 1/4. DISREGARD NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S- ILS 29. CHANGE INOP NOTE TO READ: FOR INOPERATIVE MALS, INCREASE S-LOC 29 CATS C/D VISIBILITY TO 2 1/2 MILE. WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CINCINNATI MUNI AIRPORT-LUNKIN FIELD ALTIMETER SETTING AND INCREASE ALL DA 59 FEET, AND ALL MDA 60 FEET, INCREASE S-LOC 29 CAT A VISIBILITY 1/4 MILE, CATS C/D VISIBILITY 1/2 MILE, INCREASE CIRCLING CATS A AND D VISIBILITY 1/4 MILE, ARTHN FIX MINIMUMS: S-LOC 29 INCREASE CATS C/D VISIBILITY 1/8 MILE, INCREASE CIRCLING CATS C/D VISIBILITY 1/4 MILE. 1511032114-1605012114EST.

FDC 5/2984 HAO ODP BUTLER CO RGNL-HOGAN FIELD, HAMILTON, OH. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 4...TAKE-OFF MINIMUMS RWY 11, NA. ALL OTHER DATA REMAINS AS PUBLISHED. 1509172257-1604152257EST.

HARRISON

Cincinnati West

FDC 5/5234 I67 IAP CINCINNATI WEST, HARRISON, OH. VOR RWY 19, AMDT 4...IRECA FIX MINIMUMS NA. 1509232218-1604212218EST.

FDC 5/4015 I67 IAP CINCINNATI WEST, HARRISON, OH. RNAV (GPS) RWY 19, ORIG...VDA NA. 1509211546-1604191546EST.

HILLSBORO

Highland County

FDC 5/1657 HOC ODP HIGHLAND COUNTY, HILLSBORO, OH. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3...TAKE-OFF MINIMUMS: RWY 23, STANDARD WITH MINIMUM CLIMB OF 220 FEET PER NM TO 1600. ALL OTHER DATA REMAINS AS PUBLISHED. 1509161618-1604141618EST.

JACKSON

James A Rhodes

FDC 5/0017 I43 IAP JAMES A RHODES, JACKSON, OH. RNAV (GPS) RWY 1, AMDT 1C...DESCENT ANGLE 3.00/TCH 40 NA. 1507240347-1601200347EST.

KENT

Kent State Univ

FDC 5/6714 1G3 IAP KENT STATE UNIV, KENT, OH. NDB RWY 1, AMDT 13A...NOTE: NIGHT LANDING: RWY 1 NA. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 1 PROCEDURE NA AT NIGHT. 1511021743-1604301743EST.

FDC 5/6713 1G3 IAP KENT STATE UNIV, KENT, OH. RNAV (GPS) RWY 19, AMDT 1A...NOTE: NIGHT LANDING: RWY 1 NA.. 1511021742-1604301742EST.

FDC 5/6712 1G3 IAP KENT STATE UNIV, KENT, OH. RNAV (GPS) RWY 1, AMDT 1A...NOTE: NIGHT LANDING: RWY 1 NA. 1511021742-1604301742EST.

FDC 5/6711 1G3 IAP KENT STATE UNIV, KENT, OH. VOR-A, AMDT 14...NOTE: NIGHT LANDING: RWY 1 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1511021742-1604301742EST.

LEBANON

Warren County/John Lane Field

FDC 5/2528 I68 IAP WARREN COUNTY/JOHN LANE FIELD, LEBANON, OH. RNAV (GPS) RWY 1, AMDT 2A...NOTE: NIGHT LANDING: RWY 19 NA. DISREGARD NOTE: PROCEDURE NA AT NIGHT. 1509010325-1603280325EST.

LORAIN/ELYRIA

Lorain County Rgnl

FDC 5/8275 LPR SID LORAIN COUNTY RGNL, LORAIN/ELYRIA, OH. AMRST FIVE DEPARTURE...CARLETON TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, CRL VORTAC UNUSABLE BEYOND 40 NM. 1511041957-1605021957EST.

MARYSVILLE

Union County

FDC 5/8212 MRT IAP UNION COUNTY, MARYSVILLE, OH. RNAV (GPS) RWY 27, ORIG-A...RNAV (GPS) RWY 9, ORIG-A...NOTE: NIGHT LANDING: RWY 27 NA. DISREGARD NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT. 1511041927-1605021927EST.

MEDINA

Medina Muni

FDC 5/8274 1G5 SID MEDINA MUNI, MEDINA, OH. AMRST FIVE DEPARTURE...CARLETON TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, CRL VORTAC UNUSABLE BEYOND 40 NM. 1511041957-1605021957EST.

MIDDLEFIELD

Geauga County

FDC 5/8273 7G8 SID GEAUGA COUNTY, MIDDLEFIELD, OH. AMRST FIVE DEPARTURE...CARLETON TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, CRL VORTAC UNUSABLE BEYOND 40 NM. 1511041957-1605021957EST.

MOUNT GILEAD

Morrow County

FDC 5/7911 419 IAP MORROW COUNTY, MOUNT GILEAD, OH. VOR-A, AMDT 4...NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1507202258-1602162257EST.

NEWARK

Newark-Heath

FDC 5/0187 VTA IAP NEWARK-HEATH, NEWARK, OH. NDB OR GPS RWY 9, AMDT 6A...NDB PORTION NA. HEH NDB OUT OF SERVICE. 1509141519-1604121519EST.

PAINESVILLE

Concord Airpark

FDC 5/8276 2G1 SID CONCORD AIRPARK, PAINESVILLE, OH. AMRST FIVE DEPARTURE...CARLETON TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, CRL VORTAC UNUSABLE BEYOND 40 NM. 1511041957-1605021957EST.

PORT CLINTON

Eric-Ottawa Intl

FDC 5/6203 PCW ODP ERIE-OTTAWA INTL, PORT CLINTON, OH. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 6...NOTE: RWY 18, CONSTRUCTION EQUIPMENT, 1089 FT FROM DEPARTURE END OF RWY, 522 FT RIGHT OF CENTERLINE, 67 FT AGL/ 675 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1510311917-1604281917EST.

PORTSMOUTH

Southern Ohio Rgnl Medical Center

FDC 5/1379 OH62 SPECIAL SOUTHERN OHIO RGNL MEDICAL CENTER, PORTSMOUTH, OH. COPTER RNAV (GPS) 165, ORIG...PROCEDURE NA. IFR DEPARTURE NA. 1508281940-1603241940EST.

SEBRING

Tri-City

FDC 5/3726 3G6 IAP TRI-CITY, SEBRING, OH. VOR OR GPS RWY 17, AMDT 3C...S-17 VISIBILITY CAT C 1 3/8 MILE. 1510272022-1604242022EST.

SHELBY

Shelby Community

FDC 5/9527 12G IAP SHELBY COMMUNITY, SHELBY, OH. VOR-A, AMDT 5...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. SKY VOR/DME DECOMMISSIONED. 1508071750-1603031750EST.

SPRINGFIELD

Springfield-Beckley Muni

FDC 5/5627 SGH IAP SPRINGFIELD-BECKLEY MUNI, SPRINGFIELD, OH. VOR/DME RWY 33, ORIG...PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. CHANGE HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1509042030-1603022030EST.

FDC 5/5624 SGH IAP SPRINGFIELD-BECKLEY MUNI, SPRINGFIELD, OH. VOR RWY 24, AMDT 11...PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. 1509042028-1603022028EST.

STEUBENVILLE

Jefferson County Airpark

FDC 5/1974 2G2 IAP JEFFERSON COUNTY AIRPARK, STEUBENVILLE, OH. RNAV (GPS) RWY 32, ORIG...NOTE: PROCEDURE NA AT NIGHT. 1507081527-1602041527EST.

FDC 5/1972 2G2 IAP JEFFERSON COUNTY AIRPARK, STEUBENVILLE, OH. RNAV (GPS) RWY 14, ORIG...LNAV MDA NA. NOTE: PROCEDURE NA AT NIGHT. 1507081527-1602041527EST.

FDC 5/1970 2G2 ODP JEFFERSON COUNTY AIRPARK, STEUBENVILLE, OH. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TAKEOFF MINIMUMS: RWY 32, NA - ENVIRONMENTAL. ALL OTHER DATA REMAINS AS PUBLISHED. 1507081527-1602041527EST.

TIFFIN

Seneca County

FDC 5/7892 16G IAP SENECA COUNTY, TIFFIN, OH. RNAV (GPS) RWY 24, AMDT 1A...DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 6 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 24 PROCEDURE NA AT NIGHT. 1511041434-1605021434EST.

FDC 5/7891 16G IAP SENECA COUNTY, TIFFIN, OH. RNAV (GPS) RWY 6, ORIG-A...DISREGARD NOTE: STRAIGHT-IN/CIRCLING RWY 6 NA AT NIGHT. 1511041433-1605021433EST.

TOLEDO

Toledo Executive

FDC 5/6894 TDZ ODP TOLEDO EXECUTIVE, TOLEDO, OH. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2A...TAKE-OFF MINIMUMS: RWY 4, STANDARD WITH MINIMUM CLIMB OF 300 FT PER NM TO 2100. DEPARTURE PROCEDURE: NOTE: RWY 4, LT 11 FT FROM DER, 26 FT LEFT OF CENTERLINE, UP TO 3 FT AGL/621 FT MSL. SIGN 22 FT FROM DER, 168 FT RIGHT OF CENTERLINE, UP TO 3 FT AGL/622 FT MSL. RR, POLE BEGINNING 284 FT FROM DER, 186 FT RIGHT OF CENTERLINE, UP TO 646 FT MSL. TREES, POLE, RR BEGINNING 372 FT FROM DER, 95 FT RIGHT OF CENTERLINE, UP TO 655 FT MSL. TREE 392 FT FROM DER, 315 FT RIGHT OF CENTERLINE, 656 FT MSL. TREES, RR BEGINNING 403 FT FROM DER, 1 FT RIGHT OF CENTERLINE, UP TO 660 FT MSL. RR 489 FT FROM DER, 164 FT LEFT OF CENTERLINE, 647 FT MSL. TREES, RR, BEGINNING 558 FT FROM DER, 1 FT LEFT OF CENTERLINE, UP TO 651 FT MSL. TREE 636 FT FROM DER, 426 FT RIGHT OF CENTERLINE, 668 FT MSL. TREES BEGINNING 639 FT FROM DER, 437 FT RIGHT OF CENTERLINE, UP TO 679 FT MSL. TREES BEGINNING 785 FT FROM DER, 412 FT RIGHT OF CENTERLINE, UP TO 681 FT MSL. TREES, POLE, BEGINNING 1096 FT FROM DER, 162 FT RIGHT OF CENTERLINE, UP TO 694 FT MSL. TREES BEGINNING 1996 FT FROM DER, 50 FT LEFT OF CENTERLINE, UP TO 680 FT MSL. OL ON TWR, 3310 FT FROM DER, 1030 FT LEFT OF CENTERLINE, UP TO 761 FT MSL.. ALL OTHER DATA REMAINS AS PUBLISHED. 1511022024-1604302024EST.

FDC 5/2079 TDZ IAP TOLEDO EXECUTIVE, TOLEDO, OH. RNAV (GPS) RWY 32, ORIG-A...LNAV MDA 1020/HAT 399 ALL CATS, VIS CAT C/D 1 1/8. CHART FAS OBST: 767 T-L TOWER 413316N/0832654W. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TOLEDO EXPRESS ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET AND INCREASE LP CATS C/D VISIBILITY 1/8 MILE AND LNAV CATS C/D 1/4 MILE. THIS IS RNAV (GPS) RWY 32, ORIG-B. 1511121636-PERM.

Toledo Express

FDC 5/1887 TOL IAP TOLEDO EXPRESS, TOLEDO, OH. VOR/DME RWY 34, AMDT 7B...NOTE: NIGHT LANDING: RWY 16, 34 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1507081445-1601041445EST.

FDC 5/1885 TOL IAP TOLEDO EXPRESS, TOLEDO, OH. RADAR-1, AMDT 19B...NOTE: NIGHT LANDING: RWY 16, 34 NA. 1507081443-1602041443EST.

FDC 5/1884 TOL IAP TOLEDO EXPRESS, TOLEDO, OH. RNAV (GPS) RWY 16, ORIG...NOTE: NIGHT LANDING: RWY 16, 34 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. VDP NA. 1507081443-1602041443EST.

FDC 5/1642 TOL IAP U.S. DOD TOLEDO EXPRESS, TOLEDO, OH. HI ILS OR LOC RWY 25, AMDT 5...S-ILS 25* MINIMUMS NA. S-LOC 25: MISSED APPROACH POINT 4.45 MILES AFTER HYMLI OM. DISTANCE FAF TO MAP 4.45 NM. TIME/DISTANCE TABLE: 120 KTS, 2:13; 140 KTS, 1:54; 160 KTS, 1:40; 180 KTS, 1:29; 200 KTS, 1:20. CHANGE PLANVIEW NOTE TO READ: DME REQUIRED. 1509161613-1604141613EST.

WADSWORTH

Wadsworth Muni

FDC 5/4723 3G3 IAP WADSWORTH MUNI, WADSWORTH, OH. RNAV (GPS) RWY 2, AMDT 1...NOTE: NIGHT LANDING: RWY 2, 28 NA. DISREGARD NOTE: WHEN VGS1 INOP, PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. 1508190620-1603150620EST.

WEST UNION

Alexander Salamon

FDC 5/4083 AMT IAP ALEXANDER SALAMON, WEST UNION, OH. RNAV (GPS) RWY 5, ORIG-A...DESCENT ANGLE 3.05/TCH 40 NA. 1511171608-1605151608EST.

WILLOUGHBY

Willoughby Lost Nation Muni

FDC 5/8271 LNN SID WILLOUGHBY LOST NATION MUNI, WILLOUGHBY, OH. AMRST FIVE DEPARTURE...CARLETON TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, CRL VORTAC UNUSABLE BEYOND 40 NM. 1511041957-1605021957EST.

WILMINGTON

Clinton Field

FDC 5/1817 I66 IAP CLINTON FIELD, WILMINGTON, OH. RNAV (GPS) RWY 21, AMDT 1...NOTE: PROCEDURE NA AT NIGHT. 1506031644-1512301644EST.

Wilmington Air Park

FDC 5/0183 ILN IAP WILMINGTON AIR PARK, WILMINGTON, OH. ILS RWY 22R (CAT II AND III), AMDT 5A...PROCEDURE NA 1509141516-1604121516EST.

WOOSTER

Wayne County

FDC 5/9358 BJJ ODP WAYNE COUNTY, WOOSTER, OH. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TAKEOFF OBSTACLE NOTES: NOTE: RWY 10, BLDG 1 FT FROM DER, 462 FT LEFT OF CENTERLINE, 25 FT AGL/1156 MSL. VEHICLES ON ROAD BEGINNING 11 FT FROM DER, LEFT AND RIGHT OF CENTERLINE UP TO 15 FT AGL/1143 FT MSL. POLE 127 FT FROM DER, 509 FT RIGHT OF CENTERLINE, 34 FT AGL/1159 FT MSL. POLES BEGINNING 166 FT FROM DER, 227 FT LEFT OF CENTERLINE, UP TO 36 FT AGL/1161 FT MSL. NOTE: RWY 28, BUSH 44 FT FROM DER, 467 FT RIGHT OF CENTERLINE 5 FT AGL/1116 FT MSL. TREE 1243 FT FROM DER, 813 FT LEFT OF CENTERLINE 55 FT AGL/1177 FT MSL. TREES BEGINNING 1337 FT FROM DER, 616 FT LEFT OF CENTERLINE, UP TO 60 FT AGL/1187 FT MSL. TREES BEGINNING 1631 FT FROM DER, 880 FT LEFT OF CENTERLINE, UP TO 65 FT AGL/1192 FT MSL. TREES BEGINNING 1858 FT FROM DER, 400 FT LEFT OF CENTERLINE, UP TO 80 FT AGL/1209 FT MSL. TREES BEGINNING 2584 FT FROM DER, 229 FT RIGHT OF CENTERLINE, UP TO 85 FT AGL/1203 FT MSL. TREES BEGINNING 3907 FT FROM DER, 895 FT LEFT OF CENTERLINE, UP TO 80 FT AGL/1232 FT MSL. TREES BEGINNING 4332 FT FROM DER, 921 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1259 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1510201625-1604171625EST.

FDC 5/6208 BJJ IAP WAYNE COUNTY, WOOSTER, OH. RNAV (GPS) RWY 10, ORIG...RNAV (GPS) RWY 28, ORIG...VOR RWY 28, ORIG-C...CIRCLING CAT D MDA 1720/HAA 585. TEMPORARY CRANE, 1367 MSL, 2.04 NM SW OF AIRPORT. 1510311933-1604281933EST.

OKLAHOMA

ARDMORE

Ardmore Downtown Executive

FDC 5/0519 1F0 IAP ARDMORE DOWNTOWN EXECUTIVE, ARDMORE, OK. RNAV (GPS) RWY 17, ORIG-A...DESCENT ANGLE 3.00/TCH 40 NA. 1506181216-1601151216EST.

BARTLESVILLE

Bartlesville Muni

FDC 5/9708 BVO IAP BARTLESVILLE MUNI, BARTLESVILLE, OK. RNAV (GPS) RWY 17, ORIG...LPV DA 1203/HAT 508 ALL CATS. LPV CAT C/D VISIBILITY 1 1/2. 1508072339-1603032339EST.

FDC 5/9704 BVO IAP BARTLESVILLE MUNI, BARTLESVILLE, OK. RNAV (GPS) RWY 35, ORIG...LPV DA 969/HAT 258. 1508072336-1603032336EST.

BOISE CITY

Boise City

FDC 5/4131 17K IAP BOISE CITY, BOISE CITY, OK. RNAV (GPS) RWY 4, ORIG...NOTE: NIGHT LANDING: RWY 4 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD SYMBOL REPRESENTING VISUAL 34:1 SLOPE IS CLEAR. DESCENT ANGLE 3.00/TCH 40 NA. 1507131404-1602091404EST.

CHICKASHA

Chickasha Muni

FDC 5/5818 CHK IAP CHICKASHA MUNI, CHICKASHA, OK. RNAV (GPS) RWY 18, AMDT 1...RNAV (GPS) RWY 36, AMDT 1...LPV DA: NA. 1510301854-1604271854EST.

FDC 5/5812 CHK IAP CHICKASHA MUNI, CHICKASHA, OK. VOR/DME-A, AMDT 1...NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. NOTE: CIRCLING NA TO RWYS 1, 2, 19 AND 20. 1510301851-1604271851EST.

FDC 5/5811 CHK IAP CHICKASHA MUNI, CHICKASHA, OK. RNAV (GPS) RWY 36, AMDT 1...DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 36 PROCEDURE NA AT NIGHT. NOTE: CIRCLING NA TO RWYS 1, 2, 19 AND 20. 1510301851-1604271851EST.

FDC 5/5810 CHK IAP CHICKASHA MUNI, CHICKASHA, OK. RNAV (GPS) RWY 18, AMDT 1...DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 36 NA AT NIGHT. NOTE: CIRCLING NA TO RWYS 1, 2, 19 AND 20. 1510301851-1604271851EST.

CLINTON

Clinton Rgnl

FDC 5/2671 CLK IAP CLINTON RGNL, CLINTON, OK. RNAV (GPS) RWY 35, AMDT 3A...LNAV/VNAV DA 1971/HAT 355 ALL CATS. OBSTACLE: ANTENNA (KCLKT000428), 353047.960N/0985523.280W, 1697 MSL, .42NM RIGHT OF COURSE, 1.08 NM FROM RWY 35.. 1510261701-1604231701EST.

FDC 5/1490 CLK IAP CLINTON RGNL, CLINTON, OK. RNAV (GPS) RWY 17, AMDT 2A...LPV DA 1866/HAT 250, VISIBILITY 7/8 SM ALL CATS. 1510221924-1604191924EST.

CUSHING

Cushing Muni

FDC 5/0568 CUH IAP CUSHING MUNI, CUSHING, OK. NDB RWY 36, AMDT 5...PROCEDURE NA, CUH NDB OUT OF SERVICE. 1507061711-1601021711EST.

ENID

Enid Woodring Rgnl

FDC 5/6212 WDG IAP ENID WOODRING RGNL, ENID, OK. VOR RWY 35, AMDT 14A...S-35 CAT A/B VIS 1, CAT C/D 1/3/8.. WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GUTHRIE ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET, S-35 CAT C/D VISIBILITY 1/4 MILE, CIRCLING CAT C VISIBILITY 1/2 MILE AND CAT D 1/4 MILE. SAFETY EQUIPMENT, UP TO 1165 MSL, ON AND ABOUT THE APPROACH END RWY 35. 1510311937-1604281937EST.

FDC 5/6211 WDG IAP ENID WOODRING RGNL, ENID, OK. RNAV (GPS) RWY 35, ORIG-B...LPV DA NA. LNAV/VNAV DA NA. LNAV CAT A/B VIS 1, CAT C/D 1 1/8. DISTANCE FAF TO MAP 5.95 NM. WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GUTHRIE ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET, INCREASE LNAV CAT C/D VISIBILITY TO 1 3/8 MILE. SAFETY EQUIPMENT, UP TO 1165 MSL, ON AND ABOUT THE APPROACH END RWY 35. 1510311937-1604281937EST.

FDC 5/6210 WDG ODP ENID WOODRING RGNL, ENID, OK. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3A...NOTE: RWY 17, TEMPORARY SAFETY EQUIPMENT, 1 FT FROM DEPARTURE END OF RWY, 275 FT LEFT OF CENTERLINE, 15 AGL UP TO 1165 MSL. ALL OTHER DATA REMAINS AS PUBLISHED.
1510311937-1604281937EST.

FDC 5/4682 WDG IAP ENID WOODRING RGNL, ENID, OK. RNAV (GPS) RWY 35, ORIG-B...PROFILE NOTE: VGS1 AND RNAV GLIDEPATH NOT COINCIDENT.
1505211251-1512171251EST.

FDC 5/4179 WDG IAP ENID WOODRING RGNL, ENID, OK. ILS OR LOC RWY 35, AMDT 5C...RNAV (GPS) RWY 17, ORIG-A...RNAV (GPS) RWY 35, ORIG-B...VOR RWY 17, AMDT 13...VOR RWY 35, AMDT 14A...CIRCLING MDA 1860/HAA 693 ALL CATS. VIS CAT C 2, CAT D 2 1/4. TEMPORARY CRANE, 1500 MSL, 1.23 NM EAST OF AIRPORT.
1506051712-1512021712EST.

FDC 5/4155 WDG IAP ENID WOODRING RGNL, ENID, OK. ILS OR LOC RWY 35, AMDT 5C...S-ILS 35 DA NA. S-LOC 35 VIS 1 ALL CATS. DISTANCE FAF TO MAP 5.77 NM. SAFETY EQUIPMENT, UP TO 1165 MSL, ON AND ABOUT THE APPROACH END RWY 35.
1510281451-1604251451EST.

HOBART

Hobart Rgnl

FDC 5/3354 HBR IAP HOBART RGNL, HOBART, OK. RNAV (GPS) RWY 17, AMDT 2...RNAV (GPS) RWY 35, AMDT 2...CIRCLING CAT D MDA 2140/HAA 577.
1510081313-1604051313EST.

FDC 5/3353 HBR IAP HOBART RGNL, HOBART, OK. VOR RWY 35, AMDT 9...CIRCLING CAT D MDA 2140/HAA 576. 1510081313-1604051313EST.

MADILL

Madill Muni

FDC 5/9542 1F4 IAP MADILL MUNI, MADILL, OK. VOR/DME-A, AMDT 3...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
1505111345-1512071345EST.

FDC 5/9541 1F4 IAP MADILL MUNI, MADILL, OK. RNAV (GPS) RWY 18, ORIG...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD SYMBOL DEPICTING 34:1 IS CLEAR.
1505111345-1512071345EST.

FDC 5/6536 1F4 IAP MADILL MUNI, MADILL, OK. RNAV (GPS) RWY 18, ORIG...LNAV MDA 1320/HAT 430 CATS A/B. DISREGARD NOTE: GPS OR RNP-0.3 REQUIRED. 1509251417-1603231413EST.

NORMAN

University Of Oklahoma Westheimer

FDC 5/8244 OUN IAP UNIVERSITY OF OKLAHOMA WESTHEIMER, NORMAN, OK. ILS OR LOC RWY 17, AMDT 1B...JIXPU FIX MINIMUMS (DUAL VOR RECEIVERS OR DME REQUIRED) CIRCLING CATS A/B/C MDA 1700/ HAA 518. ANTENNA TOWER, 1346 MSL, 1.07 NM NW OF AIRPORT.
1511041941-1605021941EST.

FDC 5/8242 OUN IAP UNIVERSITY OF OKLAHOMA WESTHEIMER, NORMAN, OK. LOC RWY 3, AMDT 3F...RNAV (GPS) RWY 3, AMDT 2A...RNAV (GPS) RWY 35, ORIG-A...CIRCLING CATS A/B/C MDA 1700/ HAA 518. ANTENNA TOWER, 1346 MSL, 1.07 NM NW OF AIRPORT. 1511041941-1605021941EST.

FDC 5/2900 OUN IAP UNIVERSITY OF OKLAHOMA WESTHEIMER, NORMAN, OK. RNAV (GPS) RWY 17, AMDT 1A...LNAV/VNAV DA 1473/HAT 291 ALL CATS.
1508141513-1602101513EST.

OKLAHOMA CITY

Sundance

FDC 5/9635 HSD IAP SUNDANCE AIRPARK, OKLAHOMA CITY, OK. RNAV (GPS) RWY 17, AMDT 1B...NOTE: NIGHT LANDING:RWY 35 NA.
1510011654-1603291654EST.

FDC 5/5879 HSD IAP SUNDANCE AIRPARK, OKLAHOMA CITY, OK. RNAV (GPS) RWY 35, AMDT 1A...LPV DA NA. LNAV/VNAV DA NA.
1509051349-1604041349EST.

FDC 5/2525 HSD IAP SUNDANCE AIRPARK, OKLAHOMA CITY, OK. LOC RWY 17, ORIG-F...TERMINAL ROUTE IFI VORTAC TO CYNTH INT MINIMUM ALTITUDE 3100. TERMINAL ROUTE IRW VORTAC TO CYNTH INT MINIMUM ALTITUDE 3100. PROCEDURE TURN COMPLETION ALTITUDE 3100. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHANGE ALTIMETER SETTING NOTE TO READ: USE WILEY POST ALTIMETER SETTING, WHEN NOT RECEIVED, USE WILL ROGERS WORLD ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET; INCREASE S-17 CAT C VISIBILITY 1/8 MILE AND CIRCLING CAT C VISIBILITY 1/4 MILE. 1509010319-1603280319EST.

FDC 5/2523 HSD IAP SUNDANCE AIRPARK, OKLAHOMA CITY, OK. VOR RWY 17, AMDT 1D...CIRCLING CAT B MDA 1840/HAA 647, VISIBILITY CAT C 1 3/4 MILE. TERMINAL ROUTE IFI VORTAC TO PULTZ INT MINIMUM ALTITUDE 3100. TERMINAL ROUTE IRW VORTAC TO PULTZ INT MINIMUM ALTITUDE 3100. PROCEDURE TURN COMPLETION ALTITUDE 3100. CHANGE ALTIMETER SETTING NOTE TO READ: USE WILEY POST ALTIMETER SETTING, WHEN NOT RECEIVED, USE WILL ROGERS WORLD ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET AND CIRCLING CAT C VISIBILITY 1/4 MILE. PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1509010318-1603280318EST.

Will Rogers World

FDC 5/9485 OKC IAP WILL ROGERS WORLD, OKLAHOMA CITY, OK. RADAR 1, AMDT 21...RNAV (GPS) RWY 31, AMDT 1...CIRCLING CATS A/B/C MDA 1800/HAA 505. MULTIPLE CRANES, UP TO 1495 MSL, APPROXIMATELY 1 NM NW OF AIRPORT. 1505291431-1511251431EST.

FDC 5/9484 OKC IAP WILL ROGERS WORLD, OKLAHOMA CITY, OK. ILS OR LOC RWY 17L, AMDT 3...ILS OR LOC RWY 17R, AMDT 12...ILS OR LOC/DME RWY 35L, AMDT 2...ILS OR LOC/DME RWY 35R, AMDT 10...RNAV (GPS) RWY 13, AMDT 3...RNAV (GPS) Y RWY 17L, AMDT 3...RNAV (GPS) Y RWY 17R, AMDT 4...RNAV (GPS) Y RWY 35L, AMDT 4...RNAV (GPS) Y RWY 35R, AMDT 3...CIRCLING CAT A/B MDA 1800/HAA 505. MULTIPLE CRANES, UP TO 1495 MSL, APPROXIMATELY 1 NM NW OF AIRPORT. 1505291431-1511251431EST.

FDC 5/9483 OKC IAP WILL ROGERS WORLD, OKLAHOMA CITY, OK. RNAV (GPS) RWY 13, AMDT 3...RNAV MDA 1760/HATH 481 ALL CATS. VIS CATS C/D 1 3/8. MULTIPLE CRANES, UP TO 1495 MSL, APPROXIMATELY 1 NM NW OF AIRPORT. 1505291431-1511251431EST.

FDC 5/9482 OKC IAP WILL ROGERS WORLD, OKLAHOMA CITY, OK. VOR RWY 17L, AMDT 2...LANBY FIX MINIMUMS: CIRCLING CATS A/B/C MDA 1800/HAA 505. MULTIPLE CRANES, UP TO 1495 MSL, APPROXIMATELY 1 NM NW OF AIRPORT. 1505291431-1511251431EST.

FDC 5/9481 OKC IAP WILL ROGERS WORLD, OKLAHOMA CITY, OK. RNAV (GPS) Y RWY 17R, AMDT 4...RNAV/VNAV DA 1616/HATH 334. VIS RVR 3000 ALL CATS. RNAV MDA 1720/HATH 438 ALL CATS. VIS CATS C/D RVR 4000. MULTIPLE CRANES UP TO 1495 MSL, APPROXIMATELY 1 NM NW OF AIRPORT. 1505291431-1511251431EST.

FDC 5/9042 OKC STAR WILL ROGERS WORLD, OKLAHOMA CITY, OKLAHOMA RIFFL ONE ARRIVAL (RNAV) REVISE TURBOJET AIRCRAFT ONLY NOTE TO READ ALTITUDES AND SPEEDS APPLY TO TURBOJET AIRCRAFT ONLY. 1507011400-1605260930.

FDC 5/9041 OKC STAR WILL ROGERS WORLD, OKLAHOMA CITY, OK CAMET ONE ARRIVAL (RNAV) REVISE TURBOJET AIRCRAFT ONLY NOTE TO READ ALTITUDES AND SPEEDS APPLY TO TURBOJET AIRCRAFT ONLY. 1507011400-1605260930.

FDC 5/9036 OKC STAR WILL ROGERS WORLD, OKLAHOMA CITY, OKLAHOMA TSDLE ONE ARRIVAL (RNAV)...REVISE TURBOJET AIRCRAFT ONLY NOTE TO READ ALTITUDES AND SPEEDS APPLY TO TURBOJET AIRCRAFT ONLY. 1507011400-1605260930.

FDC 5/9035 OKC STAR WILL ROGERS WORLD, OKLAHOMA CITY, OKLAHOMA GHOST ONE ARRIVAL (RNAV)...REVISE TURBOJET AIRCRAFT ONLY NOTE TO READ ALTITUDES AND SPEEDS APPLY TO TURBOJET AIRCRAFT ONLY. 1507011400-1605260930.

FDC 5/5764 OKC IAP WILL ROGERS WORLD, OKLAHOMA CITY, OK. VOR RWY 17L, AMDT 2...LANBY FIX MINIMUMS CIRCLING CATS A/B/C MDA 1800/ HAA 505. CHANGE MISSED APPROACH HOLDING TO: HOLD SW JESKE INT/PWA 14.53 DME, RIGHT TURNS, 036.15 INBOUND. RIG 1443FT MSL 170FT AGL 2.11NM NW OF AIRPORT. 1509050538-1603030538EST.

FDC 5/5763 OKC IAP WILL ROGERS WORLD, OKLAHOMA CITY, OK. RNAV (GPS) RWY 31, AMDT 1...CIRCLING CATS A/B/C MDA 1800/HAA 505. RIG 1443FT MSL 170FT AGL 2.11NM NW OF AIRPORT. 1509050538-1603030538EST.

FDC 5/5761 OKC IAP WILL ROGERS WORLD, OKLAHOMA CITY, OK. ILS OR LOC RWY 17L, AMDT 3...ILS OR LOC RWY 17R, AMDT 12...ILS OR LOC/DME RWY 35L, AMDT 2...ILS OR LOC/DME RWY 35R, AMDT 10...RNAV (GPS) RWY 13, AMDT 3...RNAV (GPS) Y RWY 17L, AMDT 3...RNAV (GPS) Y RWY 17R, AMDT 4...RNAV (GPS) Y RWY 35L, AMDT 4...RNAV (GPS) Y RWY 35R, AMDT 3...CIRCLING CATS A/B MDA 1800/HAA 505. RIG 1443FT MSL 170FT AGL 2.11NM NW OF AIRPORT. 1509050538-1603030538EST.

FDC 5/5759 OKC IAP WILL ROGERS WORLD, OKLAHOMA CITY, OK. RNAV (GPS) RWY 13, AMDT 3...LP MDA 1760/ HATH 481 ALL CATS. VIS CATS C/D 1 3/8. RNAV MDA 1760/ HATH 481 ALL CATS, VIS CATS C/D 1 3/8. RIG 1443FT MSL 170FT AGL 2.11NM NW OF AIRPORT. 1509050538-1603030538EST.

FDC 5/1932 OKC ODP WILL ROGERS WORLD, OKLAHOMA CITY, OK. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...NOTE: RWY 35L, TEMPORARY CRANE, 3242 FT FROM DEPARTURE END OF RWY, 898 FT RIGHT OF CENTERLINE, 135 AGL/1432 MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1506031849-1511301849EST.

FDC 5/1889 OKC SID WILL ROGERS WORLD, OKLAHOMA CITY, OK. FUNNL ONE DEPARTURE (RNAV)...KRMSN ONE DEPARTURE (RNAV)...MUDDE ONE DEPARTURE (RNAV)...OLGUY ONE DEPARTURE (RNAV)...RDHWK ONE DEPARTURE (RNAV)...SSYKO ONE DEPARTURE (RNAV)...STPHN ONE DEPARTURE (RNAV)...TEBRD ONE DEPARTURE (RNAV)...THRPE ONE DEPARTURE (RNAV)...TRUPR ONE DEPARTURE (RNAV)...WENDY ONE DEPARTURE (RNAV)...NOTE: RWY 35L TEMPORARY CRANE, 3242 FT FROM DEPARTURE END OF RWY, 898 FT RIGHT OF CENTERLINE, 135 AGL/1432 MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1506031824-1511301824EST.

FDC 5/1883 OKC IAP WILL ROGERS WORLD, OKLAHOMA CITY, OK. ILS OR LOC RWY 17R, AMDT 12...COTOX FIX MINIMUMS S-LOC 17R MDA 1700/HATH 418 ALL CATS. VIS CAT C/D/E RVR 4000. FOR INOPERATIVE MALSR, INCREASE S-ILS 17R CAT E VISIBILITY TO RVR 4000 AND S-LOC 17R CATS C/D/E VISIBILITY TO 1 3/8; INCREASE COTOX FIX MINIMUMS S-LOC 17R CATS A/B VISIBILITY TO RVR 5500 AND CATS C/D/E VISIBILITY TO RVR 6000. TEMPORARY CRANE, 1432 MSL, 1.31 NM NORTH OF AIRPORT. 1506031824-1511301824EST.

FDC 5/1882 OKC IAP WILL ROGERS WORLD, OKLAHOMA CITY, OK. RNAV (RNP) Z RWY 17R, AMDT 1...RNP 0.20 DA 1666/HATH 384 ALL CATS. VIS RVR 4000 ALL CATS. RNP 0.30 DA 1693/HATH 411 ALL CATS. VIS RVR 4500 ALL CATS. FOR INOPERATIVE MALSR, INCREASE RNP 0.20 ALL CATS VISIBILITY TO 1 1/4 MILE AND RNP 0.30 ALL CATS VISIBILITY TO 1 3/8 MILE. TEMPORARY CRANE, 1432 MSL, 1.31 NM NORTH OF AIRPORT. 1506031824-1511301824EST.

FDC 5/1070 OKC IAP WILL ROGERS WORLD, OKLAHOMA CITY, OK. RNAV (RNP) Z RWY 17L, AMDT 3...RNP 0.11 DA 1600/ HAT 314 ALL CATS. FOR INOPERATIVE MALSR, INCREASE RNP 0.11 ALL CATS VISIBILITY TO RVR 5000, RNP 0.20 ALL CATS VISIBILITY TO RVR 5700 AND RNP 0.30 ALL CATS VISIBILITY TO 1 3/8 MILE. OIL RIG, 1364 MSL, 1.51 NM NE OF AIRPORT. 1507272101-1601232101EST.

FDC 5/0781 OKC CHART WILL ROGERS WORLD, OKLAHOMA CITY, OK. CAMET ONE ARRIVAL (RNAV) (CAMET.CAMET1)...CORRECT ARRIVAL ROUTE DESCRIPTION FOR LANDING RWY 35L/R: CHANGE WPT RUTBE TO ADWOW. ALL ELSE REMAINS THE SAME. 1510051427-PERM.

POTEAU

Robert S Kerr

FDC 5/5057 RKR IAP ROBERT S KERR, POTEAU, OK. VOR/DME-A, ORIG-A...PROCEDURE NA. 1506090021-1512060021EST.

FDC 5/4364 RKR IAP ROBERT S KERR, POTEAU, OK. RNAV (GPS) RWY 18, ORIG-B...CIRCLING CAT B MDA 1040/HAA 589. 34:1 IS NOT CLEAR.. 1511172007-1605152007EST.

FDC 5/1045 RKR ODP ROBERT S KERR, POTEAU, OK. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 4...NOTE: RWY 18, RR AND TREES BEGINNING 4 FT FROM DER, 443 FT RIGHT OF CENTERLINE, UP TO 58 FT AGL/503 FT MSL. RD AND TREES BEGINNING 101 FT FROM DER, 298 FT LEFT OF CENTERLINE, UP TO 60 FT AGL/506 FT MSL. TREES BEGINNING 317 FT FROM DER, 584 FT RIGHT OF CENTERLINE, UP TO 59 FT AGL/510 FT MSL. NOTE: RWY 36, RR AND TREES BEGINNING 3 FT FROM DER, 492 FT LEFT OF CENTERLINE, UP TO 52 FT AGL/499 FT MSL. RD AND TREES BEGINNING 24 FT FROM DER, 497 FT RIGHT OF CENTERLINE, UP TO 65 FT AGL/508 FT MSL. TREES BEGINNING 612 FT FROM DER, 609 FT LEFT OF CENTERLINE, UP TO 66 FT AGL/509 FT MSL. TREES BEGINNING 1944 FT FROM DER, 457 FT RIGHT OF CENTERLINE, UP TO 77 FT AGL/517 FT MSL. TREES BEGINNING 2132 FT FROM DER, 1030 FT LEFT OF CENTERLINE, UP TO 39 FT AGL/539 FT MSL. TREES BEGINNING 2721 FT FROM DER, 1186 FT LEFT OF CENTERLINE, UP TO 33 FT AGL/558 FT MSL. 1510051803-1604021803EST.

PRYOR

Mid-America Industrial

FDC 5/3964 H71 IAP MID-AMERICA INDUSTRIAL, PRYOR, OK. VOR/DME OR GPS-A, ORIG-A...VOR/DME PORTION NA, TUL VOR OUT OF TOLERANCE. 1507130401-1602090401EST.

SEMINOLE

Seminole Muni

FDC 5/1036 SRE IAP SEMINOLE MUNI, SEMINOLE, OK. NDB RWY 16, AMDT 4...RNAV (GPS) RWY 16, AMDT 1...NOTE: NIGHT LANDING: RWY 34 NA. NOTE: NIGHT LANDING: RWY 34 NA. NOTE: CIRCLING NA TO RWYS 5 AND 23. 1509151912-1604131910EST.

STIGLER

Stigler Rgnl

FDC 5/9463 GZL IAP STIGLER RGNL, STIGLER, OK. RNAV (GPS) RWY 17, ORIG-A...DESCENT ANGLE 3.00/TCH 40 NA. PROCEDURE NA AT NIGHT. 1508071708-1603031707EST.

STILLWATER

Stillwater Rgnl

FDC 5/0343 SWO IAP STILLWATER RGNL, STILLWATER, OK. ILS OR LOC RWY 17, AMDT 2B...NDB RWY 17, AMDT 1A...RNAV (GPS) RWY 17, ORIG-A...RNAV (GPS) RWY 35, AMDT 1A...VOR RWY 17, AMDT 14A...VOR/DME RWY 35, AMDT 1B...CIRCLING CAT C MDA 1600/HAA 600. 1511091718-1605071718EST.

TIPTON

Tipton Muni

FDC 5/0607 108 IAP TIPTON MUNI, TIPTON, OK. GPS RWY 17, ORIG-A...VOR/DME RWY 17, ORIG-B...PROCEDURE NA. 1509151335-1604131335EST.

TULSA

Richard Lloyd Jones Jr

FDC 5/9717 RVS IAP RICHARD LLOYD JONES JR, TULSA, OK. RNAV (GPS) RWY 1L, ORIG...NOTE: NIGHT LANDING: RWY 13 NA. 1511061953-1605041953EST.

FDC 5/9715 RVS IAP RICHARD LLOYD JONES JR, TULSA, OK. ILS OR LOC RWY 1L, AMDT 1A...VOR RWY 1L, AMDT 4C...MSA FROM GLENPOOL (GNP) VOR/DME 090-310 3200. NOTE: NIGHT LANDING: RWY 13 NA. 1511061953-1605041953EST.

FDC 5/9714 RVS IAP RICHARD LLOYD JONES JR, TULSA, OK. VOR/DME-A, AMDT 7...MSA FROM TULSA (TUL) VORTAC 3600. NOTE: NIGHT LANDING: RWY 13 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1511061953-1605041953EST.

FDC 5/5076 RVS ODP RICHARD LLOYD JONES JR, TULSA, OK. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 7...DEPARTURE PROCEDURE. TAKE-OFF MINIMUMS RWY 13: 200-2 OR STANDARD WITH MINIMUM CLIMB OF 264 PER NM TO 900.. ALL OTHER DATA REMAINS AS PUBLISHED. 1510131239-1604101239EST.

Tulsa Intl

FDC 5/7319 TUL IAP TULSA INTL, TULSA, OK. ILS OR LOC RWY 36R, AMDT 29D...ILS RWY 36R (CAT II), AMDT 29D...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, OILLR (TU) LOM OUT OF SERVICE. 1511031648-1512041647EST.

FDC 5/5561 TUL IAP TULSA INTL, TULSA, OK. RNAV (GPS) Y RWY 18R, AMDT 1C...PROCEDURE NA. 1509041914-1603021914EST.

FDC 5/4345 TUL IAP TULSA INTL, TULSA, OK. ILS OR LOC RWY 18R, AMDT 7C...S-ILS 18R DA 917/HAT 250, VIS 3/4 ALL CATS. 1511171949-1605151949EST.

OREGON

ALBANY

Albany Muni

FDC 5/2587 S12 ODP ALBANY MUNI, ALBANY, OR. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2A...TAKEOFF OBSTACLE NOTES: RWY 16, POLE 1391 FT FROM DER, 277 FT RIGHT OF CENTERLINE, 30 FT AGL/265 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. THIS IS TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, AMDT 2B. 1510261517-PERM.

ASTORIA

Astoria Rgnl

FDC 5/8018 AST ODP ASTORIA RGNL, ASTORIA, OR. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 5...ASTORIA ONE DEPARTURE...TAKE-OFF MINIMUMS: RWY 8: 800-3 WITH MINIMUM CLIMB OF 410 FEET PER NM TO 1200. RWY 26: 300-1 1/4. NOTE: RWY 13: POLE 44 FEET FROM DER, 223 FEET LEFT OF CENTERLINE, 12 FEET AGL/25 FEET MSL. TREES 354 FEET FROM DER, 381 FEET LEFT OF CENTERLINE, UP TO 72 FEET AGL/87 FEET MSL. TREES 666 FEET FROM DER, 544 FEET RIGHT OF CENTERLINE, UP TO 63 FEET AGL/78 FEET MSL. TREES 1255 FEET FROM DER, 804 FEET RIGHT OF CENTERLINE, UP TO 106 FEET AGL/121 FEET MSL. TREES 1792 FEET FROM DER, 104 FEET LEFT OF CENTERLINE, UP TO 74 FEET AGL/89 FEET MSL. TREES 2493 FEET FROM DER, 279 FEET LEFT OF CENTERLINE, UP TO 106 FEET AGL/121 FEET MSL. TREES 3291 FEET FROM DER, 312 FEET RIGHT OF CENTERLINE, UP TO 139 FEET AGL/154 FEET MSL NOTE: RWY 31: TREES BEGINNING 2 FEET FROM DER, 495 FEET LEFT OF CENTERLINE, UP TO 38 AGL/48 FEET MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1506121950-1512091950EST.

FDC 5/7627 AST IAP ASTORIA RGNL, ASTORIA, OR. VOR RWY 8, AMDT 12...S-8 MDA 780/HAT 766 ALL CATS, VIS CAT B 1 1/4, CAT C/D 2 1/2. CIRCLING CAT A/B MDA 780/HAA 765, VIS CAT C 2 1/2. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE KELSO ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET AND INCREASE CIRCLING CAT A/C VISIBILITY 1/4 MILE. ALTERNATE MINIMUMS: NA WHEN LOCAL WEATHER NOT AVAILABLE, CAT C 800-2 1/2. 1506111855-1512081855EST.

FDC 5/7626 AST IAP ASTORIA RGNL, ASTORIA, OR. RNAV (GPS) RWY 8, ORIG-A...LP MDA 420/HAT 406 ALL CATS, VIS CAT C/D 1 1/8. VDP AT 1.16 MILES TO RW08. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE KELSO ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET AND INCREASE LP AND LNAV CAT C/D AND CIRCLING CAT B VISIBILITY 1/4 MILE AND CIRCLING CAT C 1/2 MILE. 1506111855-1512081855EST.

FDC 5/7520 AST IAP ASTORIA RGNL, ASTORIA, OR. VOR RWY 8, AMDT 12...S-8 MDA 780/HAT 766 ALL CATS, VIS CAT B 1 1/4, CAT C/D 2 1/2. CIRCLING CAT A/B MDA 780/HAA 765, VIS CAT C 2 1/2. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE KELSO ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET AND INCREASE CIRCLING CAT A/C VISIBILITY 1/4 MILE. ALTERNATE MINIMUMS: NA WHEN LOCAL WEATHER NOT AVAILABLE, CAT C 800-2 1/2 S-8 MDA 780/HAT 766 ALL CATS, VIS CAT B 1 1/4, CAT C/D 2 1/2. CIRCLING CAT A/B MDA 780/HAA 765, VIS CAT C 2 1/2. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE KELSO ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET AND INCREASE CIRCLING CAT A/C VISIBILITY 1/4 MILE. ALTERNATE MINIMUMS: STANDARD, EXCEPT NA WHEN LOCAL WEATHER NOT AVAILABLE, AND CAT C 800-2 1/2, CAT D 900-3. THIS IS VOR RWY 8, AMDT 12A. 1506291848-PERM.

FDC 5/7519 AST IAP ASTORIA RGNL, ASTORIA, OR. RNAV (GPS) RWY 8, ORIG-A...LP MDA 420/HAT 406 ALL CATS, VIS CAT C/D 1 1/8. CHART VDP AT 1.16 MILES TO RW08. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE KELSO ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET AND INCREASE LP AND LNAV CAT C/D AND CIRCLING CAT B VISIBILITY 1/4 MILE AND CIRCLING CAT C 1/2 MILE. CHART FAS OBST: 164 TREE 460929N/1235433W. THIS IS RNAV (GPS) RWY 8 ORIG-B. 1506291848-PERM.

FDC 5/4354 AST IAP ASTORIA RGNL, ASTORIA, OR. COPTER LOC/DME 257, AMDT 1...H-257 COPTER MDA 460/HAT451. COPTER VISIBILITY 1 SM. DISREGARD NOTE: INCREASE VISIBILITY TO 1/2 MILE FOR INOPERATIVE MALSR. 1510281840-1604251840EST.

FDC 5/4353 AST IAP ASTORIA RGNL, ASTORIA, OR. COPTER VOR/DME OR GPS 066, AMDT 1...H-066 COPTER VISIBILITY 3/4 SM. 1510281840-1604251840EST.

AURORA

Aurora State

FDC 5/4451 UAO IAP AURORA STATE, AURORA, OR. RNAV (GPS) RWY 35, ORIG-E...NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1510282041-1604252041EST.

FDC 5/4449 UAO IAP AURORA STATE, AURORA, OR. RNAV (GPS)-B, ORIG-B...PROCEDURE NA. 1510282041-1604252041EST.

FDC 5/4447 UAO IAP AURORA STATE, AURORA, OR. LOC RWY 17, AMDT 1B...NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1510282041-1604252041EST.

FDC 5/4445 UAO IAP AURORA STATE, AURORA, OR. RNAV (GPS) RWY 17, ORIG-D...MISSED APPROACH: CLIMB TO 4000 DIRECT DUBMY AND HOLD, CONTINUE CLIMB IN HOLD TO 4000. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1510282041-1604252041EST.

FDC 5/4443 UAO IAP AURORA STATE, AURORA, OR. VOR/DME-A, AMDT 3B...MISSED APPROACH: CLIMB TO 800 THEN CLIMBING LEFT TURN TO 4000 DIRECT UBG VOR/DME AND HOLD, CONTINUE CLIMB IN HOLD TO 4000. 1510282041-1604252041EST.

CORVALLIS

Corvallis Muni

FDC 5/5147 CVO SID CORVALLIS MUNI, CORVALLIS, OR. SHEDD TWO DEPARTURE...TAKE-OFF MINIMUMS RWY 9, 200-1 OR STANDARD WITH MINIMUM OBSTACLE CLIMB OF 245 FEET PER NM TO 500. ATC CLIMB OF 332 FEET PER NM TO 3000. RWY 17, STANDARD WITH MINIMUM ATC CLIMB OF 312 FEET PER NM TO 3000. RWY 27, 35, STANDARD WITH A MINIMUM CLIMB OF 345 FEET PER NM TO 3100. ALL OTHER DATA REMAINS AS PUBLISHED. 1510292003-1604262003EST.

FDC 5/5145 CVO SID CORVALLIS MUNI, CORVALLIS, OR. CORVALLIS TWO DEPARTURE...TAKE-OFF MINIMUMS RWY 9, 200-1 OR STANDARD WITH MINIMUM CLIMB OF 245 FEET PER NM TO 500. RWY 17, STANDARD. RWY 27, 35 STANDARD WITH A MINIMUM CLIMB OF 345 FEET PER NM TO 3100. ALL OTHER DATA REMAINS AS PUBLISHED. 1510292003-1604262003EST.

FDC 5/0376 CVO ODP CORVALLIS MUNI, CORVALLIS, OR. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 5...TAKE-OFF MINIMUMS RWY 9, 17, STANDARD WITH A MINIMUM CLIMB OF 290 FEET PER NM TO 3100 OR 1700-3 FOR CLIMB IN VISUAL CONDITIONS. RWY 27, 35, STANDARD WITH A MINIMUM CLIMB OF 345 FEET PER NM TO 3100 OR 1700-3 FOR CLIMB IN VISUAL CONDITIONS. ALL OTHER DATA REMAINS AS PUBLISHED. 1506011649-1511281649EST.

KLAMATH FALLS

Klamath Falls

FDC 5/2759 LMT IAP KLAMATH FALLS, KLAMATH FALLS, OR. VOR/DME OR TACAN RWY 14, AMDT 5B...CHANGE ALL REFERENCES TO KLAMATH FALLS TO READ CRATER LAKE-KLAMATH RGNL. CIRCLING MDA CAT C 5420/HAA 1325, CAT D AND E 6680/HAA 2585 CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART CIRCLING ICON.. THIS IS VOR/DME OR TACAN RWY 14, AMDT 5C. 1511131522-PERM.

FDC 5/2758 LMT IAP KLAMATH FALLS, KLAMATH FALLS, OR. RNAV (GPS) RWY 32, ORIG...CHANGE ALL REFERENCES TO KLAMATH FALLS TO READ CRATER LAKE-KLAMATH RGNL. CIRCLING MDA CAT C 5420/HAA 1325, CAT D 6680/HAA 2585. CHART CIRCLING ICON. THIS IS RNAV (GPS) RWY 32, ORIG-A. 1511131522-PERM.

FDC 5/2757 LMT IAP KLAMATH FALLS, KLAMATH FALLS, OR. RNAV (GPS) RWY 14, AMDT 1...CHANGE ALL REFERENCES TO KLAMATH FALLS TO READ CRATER LAKE-KLAMATH RGNL. CIRCLING MDA CAT C 5420/HAA 1325, CAT D 6680/HAA 2585. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART CIRCLING ICON. THIS IS RNAV (GPS) RWY 14, AMDT 1A. 1511131522-PERM.

FDC 5/2752 LMT IAP KLAMATH FALLS, KLAMATH FALLS, OR. ILS OR LOC/DME RWY 32, AMDT 20...CHANGE ALL REFERENCES TO KLAMATH FALLS TO READ CRATER LAKE-KLAMATH RGNL. CIRCLING MDA CAT C 5420/HAA 1325, CAT D 6680/HAA 2585. CHART CIRCLING ICON. THIS IS ILS OR LOC/DME RWY 32, AMDT 20A. 1511131522-PERM.

LA GRANDE

La Grande/Union County

FDC 5/4071 LGD ODP LA GRANDE/UNION COUNTY, LA GRANDE, OR. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3...TAKEOFF MINIMUMS: RWY 12, NA-ENVIRONMENTAL.. 1509021725-1602291725EST.

FDC 5/2769 LGD ODP LA GRANDE/UNION COUNTY, LA GRANDE, OR. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT...TAKEOFF OBSTACLE NOTES: NOTE: RWY 12, ROAD(N), BEGINNING 148 FT FROM DER, 339 FT RIGHT OF CENTERLINE, UP TO 10 FT AGL/2720 FT MSL. NOTE: RWY 16, BLDG, BEGINNING 102 FT FROM DER, 465 FT LEFT OF CENTERLINE, UP TO 25 FT AGL/2733 FT MSL. BLDG, BEGINNING 328 FT FROM DER, 461 FT LEFT OF CENTERLINE, UP TO 56 FT AGL/2735 FT MSL. LT POLE, BEGINNING 461 FT FROM DER, 445 FT RIGHT OF CENTERLINE, UP TO 33 FT AGL/2741 FT MSL. TOWER, BEGINNING 861 FT FROM DER, 700 FT RIGHT OF CENTERLINE, UP TO 56 FT AGL/2765 FT MSL. NOTE: RWY 30, RD(N), BEGINNING 141 FT FROM DER, 106 FT RIGHT OF CENTERLINE, UP TO 10 FT AGL/2730 FT MSL. NOTE: RWY 30, RD(N), BEGINNING 331 FT FROM DER, 13 FT LEFT OF CENTERLINE, UP TO 10 FT AGL/2729 FT MSL. RD (N) 338 FT FROM DER, 10 FT RIGHT OF CENTERLINE, 10 FT AGL/2730 FT MSL.. ALL OTHER DATA REMAINS AS PUBLISHED. 1511131534-1605111533EST.

LAKEVIEW

Lake County

FDC 5/3416 LKV IAP LAKE COUNTY, LAKEVIEW, OR. VOR/DME-A, ORIG...CIRCLING MDA 5740/HAA 1007 ALL CATS, VISIBILITY CAT A 1 1/4, CAT B 1 1/2, CAT C/D 3. ALTERNATE MINIMUMS: A, B 1200-2, C/D 1200-3. 1509181546-1603161546EST.

MEDFORD

Rogue Valley Intl - Medford

FDC 5/7057 MFR IAP ROGUE VALLEY INTL - MEDFORD, MEDFORD, OR. RNAV (GPS) Y RWY 14, AMDT 1...LNAV MDA* VIS CATS C/D 3. LNAV MDA 3480/HAT 2177 ALL CATS. VIS CATS C/D 3. CIRCLING MDA 3480/HAA 2145 ALL CATS. ALTERNATE MINIMUMS: CATS A/B 2200-2, CATS C/D 2200-3.. DISREGARD NOTE: *MISSED APPROACH REQUIRES MINIMUM CLIMB OF 297 FEET PER NM TO 4000.. ADD NOTE: *MISSED APPROACH REQUIRES MINIMUM CLIMB OF 331 FEET PER NM TO 5400.. DISREGARD NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LNAV MDA* CAT A, LNAV MDA CAT A AND B. ADD NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LNAV MDA* CATS A, C AND D, AND LNAV MDA ALL CATS. 1509281502-1603261502EST.

FDC 5/2433 MFR SID ROGUE VALLEY INTL - MEDFORD, MEDFORD, OR. BRUTE SIX DEPARTURE...GNATS SIX DEPARTURE...JACKSON NINE DEPARTURE...NOTE: RWY 14, BUILDING 1585 FEET FROM DER, 846 FEET LEFT OF CENTERLINE, 40 FEET AGL/ 1385 FEET MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1507291317-1601251317EST.

FDC 5/2430 MFR ODP ROGUE VALLEY INTL - MEDFORD, MEDFORD, OR. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 10...NOTE: RWY 14, BUILDING 1585 FEET FROM DER, 846 FEET LEFT OF CENTERLINE, 40 FEET AGL/ 1385 FEET MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1507291316-1601251316EST.

NEWPORT

Newport Muni

FDC 5/4947 ONP IAP NEWPORT MUNI, NEWPORT, OR. ILS OR LOC RWY 16, AMDT 1C...PROFILE NOTE: VGSJ AND ILS GLIDEPATH NOT COINCIDENT. 1507141430-1601101430EST.

NORTH BEND

Southwest Oregon Rgnl

FDC 5/8427 OTH IAP SOUTHWEST OREGON RGNL, NORTH BEND, OR. VOR/DME RWY 4, AMDT 11...PROCEDURE NA. 1506301829-1512271829EST.

PENDLETON

Eastern Oregon Rgnl At Pendleton

FDC 5/0790 PDT IAP EASTERN OREGON RGNL AT PENDLETON, PENDLETON, OR. RNAV (GPS) RWY 29, ORIG...LNAV MDA 1880/HAT 383 ALL CATS, VISIBILITY CAT C 1 1/8.. 1506181721-1512151721EST.

PORTLAND

Portland Intl

FDC 5/6654 PDX STAR PORTLAND INTL, PORTLAND, OR. MOXEE SIX ARRIVAL...NA FOR RNAV EQUIPPED TURBO JETS LANDING PORTLAND INTL. 1506261615-1606261615.

FDC 5/5202 PDX STAR PORTLAND INTL, PORTLAND, OR. MOXEE SIX ARRIVAL...CROSS VANTZ AT 250 KIAS OR LESS. 1510292030-1610292030EST.

Portland-Hillsboro

FDC 5/5204 HIO STAR PORTLAND-HILLSBORO, PORTLAND, OR. MOXEE SIX ARRIVAL...CROSS VANTZ AT 250 KIAS OR LESS. 1510292030-1610292030EST.

SALEM

Mcrary Fld

FDC 5/4266 SLE IAP MCNARY FLD, SALEM, OR. LOC/DME BC RWY 13, AMDT 8A...ADD NOTE: CIRCLING TO RWY 16 NA AT NIGHT. VDA 3.05/TCH 37 NA. ADD PROFILE NOTE: DESCENT ANGLE NA. ADD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED...1510281629-1604251629EST.

SCAPPOOSE

Scappoose Industrial Airpark

FDC 5/8945 SPB ODP SCAPPOOSE INDUSTRIAL AIRPARK, SCAPPOOSE, OR. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TAKEOFF MINIMUMS: RWY 33, STANDARD WITH CLIMB OF 230 FT PER NM TO 1000. ALL OTHER DATA REMAINS AS PUBLISHED. 1508261139-1602221138EST.

SUNRIVER

Sunriver

FDC 5/8577 S21 IAP SUNRIVER, SUNRIVER, OR. VOR/DME RWY 18, AMDT 1B...APT ELEV: 4163 CIRCLING HAA 1277 ALL CATS. REDMOND ALTIMETER SETTING MINIMUMS, CIRCLING HAA 1497 ALL CATS. CHANGE HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS VOR/DME RWY 18, AMDT 1C. 1511051557-PERM.

FDC 5/8576 S21 IAP SUNRIVER, SUNRIVER, OR. RNAV (GPS) RWY 18, ORIG-C...APT ELEV: 4163 CIRCLING CAT A/B HAA 757, CAT C HAA 877, CAT D HAA 1217. REDMOND ALTIMETER SETTING MINIMUMS, CIRCLING CAT A/B HAA 977, CAT C HAA 1097, CAT D HAA 1417. 34:1 IS NOT CLEAR. CHANGE HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 18, ORIG-D. 1511051557-PERM.

FDC 5/7039 S21 ODP SUNRIVER, SUNRIVER, OR. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG. TAKEOFF MINIMUMS: RWY 36, 600-2 WITH MINIMUM CLIMB OF 204 FT PER NM TO 4800 OR STANDARD WITH MINIMUM CLIMB OF 240 FT PER NM TO 4900. TAKEOFF OBSTACLES NOTES: NOTE: RWY 18, TREE AND SIGN BEGINNING 11 FT FROM DER, 114 FT RIGHT OF CENTERLINE, UP TO 4175 FT MSL. TREE 39 FT FROM DER, 146 FT LEFT OF CENTERLINE, 4181 FT MSL. TREE 176 FT FROM DER, 348 FT LEFT OF CENTERLINE, 4207 FT MSL. TREE AND POLES BEGINNING 418 FT FROM DER, 141 FT RIGHT OF CENTERLINE, UP TO 4187 FT MSL. TREES BEGINNING 436 FT FROM DER, 274 FT LEFT OF CENTERLINE, UP TO 4210 FT MSL. TREES AND BLDGS BEGINNING 486 FT FROM DER, 556 FT RIGHT OF CENTERLINE, UP TO 4206 FT MSL. TREE 1946 FT FROM DER, 406 FT LEFT OF CENTERLINE, 4226 FT MSL. TREES BEGINNING 2069 FT FROM DER, 5 FT RIGHT OF CENTERLINE, 4240 FT MSL. TREE 2153 FT FROM DER, 315 FT RIGHT OF CENTERLINE, 4244 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. FDC 5/7039 S21 ODP SUNRIVER, SUNRIVER, OR. TREES BEGINNING 2334 FT FROM DER, 457 FT RIGHT OF CENTERLINE, UP TO 4266 FT MSL. TREE 2397 FT FROM DER, 919 FT RIGHT OF CENTERLINE, 4272 FT MSL. TREE 2784 FT FROM DER, 805 FT RIGHT OF CENTERLINE, 4278 FT MSL. TREE 4824 FT FROM DER, 463 FT LEFT OF CENTERLINE, 4286 FT MSL. NOTE: RWY 36, FENCE BEGINNING 4 FT FROM DER, 202 FT RIGHT OF CENTERLINE, UP TO 4 FT AGL/4161 FT MSL. TREES BEGINNING 26 FT FROM DER, 8 FT RIGHT OF CENTERLINE, UP TO 4187 FT MSL. TREE 336 FT FROM DER, 174 FT LEFT OF CENTERLINE, 4183 FT MSL. TREES BEGINNING 431 FT FROM DER, 85 FT LEFT OF CENTERLINE, UP TO 4204 FT MSL. TREE 738 FT FROM DER, 39 FT RIGHT OF CENTERLINE, 4198 FT MSL. TREES BEGINNING 743 FT FROM DER, 138 FT RIGHT OF CENTERLINE, UP TO 4211 FT MSL. TREE 1468 FT FROM DER, 856 FT RIGHT OF CENTERLINE, 4233 FT MSL. TREES BEGINNING 1633 FT FROM DER, 857 FT RIGHT OF CENTERLINE, UP TO 4245 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1511031326-1605011326EST

TILLAMOOK

Tillamook

FDC 5/2116 TMK IAP TILLAMOOK, TILLAMOOK, OR. RNAV (GPS) RWY 13, ORIG-A...34:1 IS NOT CLEAR. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. MISSED APPROACH: CLIMBING RIGHT TURN TO 5000 DIRECT ULKAW AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000. THIS IS RNAV (GPS) RWY 13, ORIG-B. 1511121747-PERM.

PACIFIC

MIDWAY ATOLL

Henderson Field

FDC 5/6080 MDY IAP HENDERSON FIELD, MIDWAY ATOLL, MQ. NDB RWY 24, ORIG-A...NDB RWY 6, ORIG-A...RNAV (GPS) RWY 24, ORIG-B...RNAV (GPS) RWY 6, ORIG-B...NOTE: NIGHT LANDING: RWY 24 NA. HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1507160236-1602120236EST.

SAIPAN ISLAND

Francisco C Ada/Saipan Intl

FDC 5/0451 GSN IAP FRANCISCO C. ADA/SAIPAN INTL, SAIPAN ISLAND, CQ. NDB/DME RWY 7, AMDT 3C...S-7 MDA 840/HATH 630 ALL CATS, VISIBILITY CAT C/D 1 3/8. CIRCLING MDA 840/HAA 629 ALL CATS, VISIBILITY CAT C 1 3/4. MISSED APPROACH: CLIMB TO 1600 ON 070 DEGREES BEARING FROM SN NDB THEN CLIMBING RIGHT TURN TO 2800 DIRECT SN NDB THEN 246 DEGREES BEARING FROM SN NDB TO SHAKA 5 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2800. CHANGE FINAL APPROACH FIX ALTITUDE AT SHAKA TO AT OR ABOVE 1300. CHANGE INOP NOTE TO READ: FOR INOPERATIVE MALSR INCREASE S-7 CAT D VISIBILITY TO 1 3/4 MILE. THLD ELEV 210. APT ELEV 211. 1508271452-1602231452EST.

WENO ISLAND

Chuuk Intl

FDC 5/5079 TTK IAP CHUUK INTL, WENO ISLAND, . NDB OR GPS-A, ORIG-A...NDB OR GPS-B, AMDT 4A...NDB PORTION NA. 1511181612-1512181612EST.

PENNSYLVANIA

ALLENTOWN

Allentown Queen City Muni

FDC 5/5600 XLL IAP ALLENTOWN QUEEN CITY MUNI, ALLENTOWN, PA. RNAV (GPS) RWY 7, AMDT 1C...LP CATS A/B/C MDA 860/HAT 470.. 1509041938-1603021938EST.

Lehigh Valley Intl

FDC 5/6603 ABE ODP LEHIGH VALLEY INTL, ALLENTOWN, PA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TEXTUAL DEPARTURE PROCEDURE TEXTUAL DEPARTURE PROCEDURE: RWY 6 - CLIMB HEADING 063 TO 900 BEFORE PROCEEDING SOUTHBOUND ON COURSE. RWY 31 - CLIMB HEADING 315 TO 900 BEFORE PROCEEDING SOUTHBOUND ON COURSE. ALL OTHER DATA REMAINS AS PUBLISHED.. 1509251811-1605131810EST.

FDC 5/3649 ABE IAP LEHIGH VALLEY INTL, ALLENTOWN, PA. RNAV (GPS) RWY 31, AMDT 2...LPV DA 633. VISIBILITY 3/4 ALL CATS. LNAV/VNAV DA 758. LNAV HAT 557 ALL CATS. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DELETE NOTE: RWY 31 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT. DELETE THRE 380 CHART TDZE 383.. THIS IS RNAV (GPS) RWY 31, AMDT 2A. 1509021334-PERM.

FDC 5/3648 ABE IAP LEHIGH VALLEY INTL, ALLENTOWN, PA. RNAV (GPS) RWY 13, AMDT 1...LPV DA 636. VISIBILITY 1/2 ALL CATS. LNAV/VNAV DA 700. VISIBILITY 5/8 ALL CATS. LNAV HAT 414 ALL CATS. VISIBILITY CAT A AND B 1/2, CAT C AND D 3/4. CHANGE INOPERATIVE TABLE NOTE TO READ: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO 7/8 MILE, INCREASE LNAV CAT C AND D VISIBILITY TO 1 1/8 MILE. DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DELETE NOTE: RWY 13 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT. 34:1 IS CLEAR. DELETE THRE 383 CHART TDZE 386.. THIS IS RNAV (GPS) RWY 13, AMDT 1A. 1509021334-PERM.

ALTOONA

Altoona-Blair County

FDC 5/7925 AOO IAP ALTOONA-BLAIR COUNTY, ALTOONA, PA. VOR-A, AMDT 5A...CHART NOTE: CIRCLING TO RWY 03/12/30 NA AT NIGHT. THIS IS VOR-A, AMDT 5B. 1510161142-PERM.

FDC 5/7688 AOO IAP ALTOONA-BLAIR COUNTY, ALTOONA, PA. RNAV (GPS) RWY 21, AMDT 1A...CHART NOTE: NIGHT LANDING: RWY 3/12/30 NA. THIS IS RNAV (GPS) RWY 21, AMDT 1B. 1509291716-PERM.

FDC 5/7687 AOO IAP ALTOONA-BLAIR COUNTY, ALTOONA, PA. ILS OR LOC RWY 21, AMDT 8...CHART NOTE: NIGHT LANDING: RWY 3/12/30 NA. THIS IS ILS OR LOC RWY 21, AMDT 8A. 1509291716-PERM.

FDC 5/1277 AOO IAP ALTOONA-BLAIR COUNTY, ALTOONA, PA. RNAV (GPS) Z RWY 3, ORIG-A...DESCENT ANGLE 3.00/TCH 55 NA. 1510061244-1605161244EST.

FDC 5/1211 AOO IAP ALTOONA-BLAIR COUNTY, ALTOONA, PA. RNAV (GPS) Y RWY 3, AMDT 1...DESCENT ANGLE 3.00/TCH 43 NA. 1510061202-1605161202EST.

BEDFORD

Bedford County

FDC 5/7384 HMZ IAP BEDFORD COUNTY, BEDFORD, PA. VOR-A, AMDT 1A...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 1509291152-1604151151EST.

BLOOMSBURG

Bloomsburg Muni

FDC 5/1990 N13 IAP BLOOMSBURG MUNI, BLOOMSBURG, PA. RNAV (GPS)-B, ORIG...VOR-A, ORIG...NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. NOTE: PROCEDURE NA AT NIGHT. 1510231743-1605271743EST.

BUTLER

Butler County/K W Scholter Field

FDC 4/9530 BTP STAR BUTLER COUNTY/K W SCHOLTER FIELD, BUTLER, PA. JESSEY ONE ARRIVAL...PROCEDURE NA. 1408051445-1503051445EST.

CARLISLE

Carlisle

FDC 5/3016 N94 IAP CARLISLE, CARLISLE, PA. VOR-A, ORIG-A...PROCEDURE NA. 1507091723-1601051723EST.

CHAMBERSBURG

Franklin County Rgnl

FDC 5/7970 N68 IAP FRANKLIN COUNTY RGNL, CHAMBERSBURG, PA. RNAV (GPS) RWY 24, ORIG-A...DESCENT ANGLE 3.00/TCH 40 NA. 1509301245-1603281245EST.

CLARION

Clarion Hospital

FDC 5/5585 91PA ODP CLARION HOSPITAL, CLARION, PA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...DEPARTURE PROCEDURE SPECIAL RNAV 320 DEPARTURE: IFR DEPARTURE NA. 1509041932-1603021931EST.

COATESVILLE

Chester County G O Carlson

FDC 4/9270 MQS STAR CHESTER COUNTY, COATESVILLE, PA. CEDAR LAKE 8 ARRIVAL.MINIMUM ENROUTE ALTITUDE (MEA) IS REVISED BETWEEN ROUTE SEGMENTS. THE MEA BETWEEN BRIGS INTERSECTION AND CEDAR LAKE VOR (VCN) AND BETWEEN VCN AND WOODSTOWN VOR (OOD) IS REVISED FROM 1900 FEET MSL TO 2100 FEET MSL. 1403211538-1603211400.

FDC 4/0366 MQS STAR CHESTER COUNTY, COATESVILLE, PA. BUNTS ONE ARRIVAL.UNUSABLE 1) BELOW 5000FT MSL BETWEEN PSB AND HAR 2) BELOW 4000FT MSL BETWEEN HAR AND BOUHN 1403261400-PERM.

COLLEGEVILLE

Perkiomen Valley

FDC 5/9913 N10 IAP PERKIOMEN VALLEY, COLLEGEVILLE, PA. RNAV (GPS)-B, ORIG...RNAV (GPS)-C, ORIG...DESCENT ANGLE 3.04/TCH 40 NA. 1508262009-1602222009EST.

CORRY

Corry-Lawrence

FDC 5/4164 8G2 IAP CORRY-LAWRENCE, CORRY, PA. RNAV (GPS) RWY 32, AMDT 1...LNAV/VNAV CATS A/B/C DA 2397/HAT 631. VIS CATS A/B/C 2 3/8. 1509021827-1602291827EST.

DANVILLE

Geisinger Rooftop

FDC 5/6604 79PN SPECIAL GEISINGER ROOFTOP, DANVILLE, PA. COPTER RNAV (GPS) 290, ORIG--A...PROCEDURE NA. 1509251816-1603231816EST.

EASTON

Braden Airpark

FDC 5/7973 N43 IAP BRADEN AIRPARK, EASTON, PA. VOR/DME OR GPS-D, ORIG-C...VOR PORTION NA. 1509301245-1603281245EST.

EBENSBURG

Ebensburg

FDC 5/7284 9G8 IAP EBENSBURG, EBENSBURG, PA. VOR-A, AMDT 7A...CHART NOTE: PROCEDURE NA AT NIGHT. THIS IS VOR-A, AMDT 7B. 1510151353-PERM.

FDC 5/3212 9G8 IAP EBENSBURG, EBENSBURG, PA. RNAV (GPS) RWY 25, ORIG-A...RNAV (GPS) RWY 7, ORIG...DESCENT ANGLE 3.00/TCH 45 NA. NOTE: CIRCLING NA TO RWYS 11U AND 29U. 1507301159-1601261159EST.

ERIE

Erie Intl/Tom Ridge Field

FDC 5/7841 ERI IAP ERIE INTL/TOM RIDGE FIELD, ERIE, PA. NDB RWY 24, AMDT 19...NDB RWY 6, AMDT 2...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ERI VOR R-048 - 066 UNUSABLE. 1508051908-1602011908EST.

FDC 5/7824 ERI IAP ERIE INTL/TOM RIDGE FIELD, ERIE, PA. ILS OR LOC/DME RWY 24, AMDT 9...RADAR REQUIRED FOR PROCEDURE ENTRY FROM ERI VORTAC AND IAF HIMOR. MISSED APPROACH: CLIMB TO 3000 DIRECT ESMER LOM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000. (ADF AND RADAR REQUIRED) WHEN ERIE APP CON CLOSED: PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ERI VOR R-048 - 066 UNUSABLE. 1508051904-1602011904EST.

FDC 5/6811 ERI IAP ERIE INTL/TOM RIDGE FIELD, ERIE, PA. NDB RWY 24, AMDT 19...S-24 CAT D NA. CIRCLING CAT D NA.. 1506261828-1512231828EST.

FDC 5/2638 ERI IAP ERIE INTL/TOM RIDGE FIELD, ERIE, PA. ILS OR LOC/DME RWY 6, AMDT 17...MISSED APPROACH: CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 3000 DIRECT ESMER LOM AND HOLD. (ADF AND RADAR REQUIRED). NOTE: WHEN ERIE APP CON CLOSED: PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ERI VOR R-048 - 066 UNUSABLE. 1510261619-1604231619EST.

GREENVILLE

Greenville Muni

FDC 5/2485 4G1 IAP GREENVILLE MUNI, GREENVILLE, PA. VOR OR GPS-A, AMDT 1A...CIRCLING HAA 518 ALL CATS. CIRCLING TO RWY 05/23 NA. 1509171533-1603151533EST.

HARRISBURG

Capital City

FDC 5/9229 CXY ODP CAPITAL CITY, HARRISBURG, PA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 4...TAKE-OFF MINIMUMS RWY 8, 300-2 1/4 OR STANDARD WITH MINIMUM CLIMB OF 291 FT PER NM TO 800. TAKE-OFF MINIMUMS RWY 30, 300-1 1/4. ALL OTHER DATA REMAINS AS PUBLISHED. 1510201425-1604171425EST.

Harrisburg Intl

FDC 5/3435 MDT IAP HARRISBURG INTL, HARRISBURG, PA. ILS OR LOC RWY 31, AMDT 1B...DISREGARD NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 1325.. CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 1360.. 1509181630-1603161630EST.

FDC 5/0285 MDT IAP HARRISBURG INTL, HARRISBURG, PA. VOR RWY 31, AMDT 2A...AKICU FIX MINIMUMS NA. 1508271155-1602231155EST.

HAZLETON

Hazleton Rgnl

FDC 5/5265 HZL IAP HAZLETON RGNL, HAZLETON, PA. LOC RWY 28, AMDT 7...RNAV (GPS) RWY 28, ORIG-A...VOR RWY 28, AMDT 9A...DISREGARD NOTE: PROCEDURE NA AT NIGHT. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. 1508031922-1601301922EST.

HONESDALE

Cherry Ridge

FDC 5/5564 N30 ODP CHERRY RIDGE, HONESDALE, PA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 4...DEPARTURE PROCEDURE NA. NOTE: RWY 36, TRANSMISSION LINE 1957 FT FROM DER, 960 FT LEFT OF CENTERLINE, 96 FT AGL/1467 FT MSL.. OTHER DATA REMAINS AS PUBLISHED. 1509041923-1603021923EST.

JOHNSTOWN

John Murtha Johnstown-Cambria Co

FDC 5/9959 JST IAP JOHN MURTHA JOHNSTOWN-CAMBRIA CO, JOHNSTOWN, PA. VOR RWY 15, AMDT 9...S-15 MDA 3240/HAT 964 ALL CATS. VIS CAT A 1 1/4, CAT B 1 1/2, CAT C 3, CAT D 3. CIRCLING MDA 3240/HAA 956 ALL CATS. VIS CAT A 1/14, CAT B 1 1/2, CAT C 3, CAT D 3. HINKS FIX MINIMUMS NA. VDP AT 3.44 DME, DISTANCE VDP TO THRESHOLD 2.88 MILES. PROCEDURE TURN COMPLETION ALTITUDE 4200. HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DISREGARD DESCENT ANGLE AND TCH. 1508262034-1602222034EST.

FDC 5/6887 JST IAP JOHN MURTHA JOHNSTOWN-CAMBRIA CO, JOHNSTOWN, PA. VOR RWY 23, AMDT 8...PROCEDURE NA. 1506261952-1512231952EST.

LATROBE

Arnold Palmer Rgnl

FDC 5/2810 LBE SID ARNOLD PALMER RGNL, LATROBE, PA. PLEEZ TWO DEPARTURE...DEPARTURE PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 1510072133-1604042133EST.

LEWISBURG

Evangelical Community Hospital East

FDC 5/0330 5PS7 SPECIAL EVANGELICAL COMMUNITY HOSPITAL EAST, LEWISBURG, PA. COPTER RNAV (GPS) 360, ORIG...PROCEDURE NA. 1509141826-1603121826EST.

MARIENVILLE

East Forest Junior/Senior High School

FDC 5/9889 7PN9 IAP EAST FOREST JUNIOR/SENIOR HIGH SCHOOL, MARIENVILLE, PA. (SPECIAL) COPTER RNAV (GPS) 047 ORIG...PROCEDURE NA 1508261950-1602221950EST.

MEADVILLE

Port Meadville

FDC 5/0070 GKJ IAP PORT MEADVILLE, MEADVILLE, PA. RNAV (GPS) RWY 25, AMDT 1B...LP VIS CATS A/B 3/4. LNAV VIS CAT A 3/4. DELETE ALL NOTES. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FRANKLIN ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET; INCREASE LP CATS C AND D AND CIRCLING CATS A, C, AND D VISIBILITY 1/4 MILE, AND INCREASE LNAV CATS C AND D VISIBILITY 1/8 MILE. CHART NOTE: FOR INOPERATIVE MALS, INCREASE LP CAT D VISIBILITY TO 1 3/4 AND LNAV CATS C AND D VISIBILITY TO 2 MILES. CHART NOTE: FOR INOPERATIVE WHEN USING FRANKLIN ALTIMETER SETTING, INCREASE LP CAT D VISIBILITY TO 2 MILES AND LNAV CATS C AND D VISIBILITY TO 2 1/2 MILES CHART VDP AT 1.82 NM TO RW25 CHART NOTE: VDP NA WHEN USING FRANKLIN ALTIMETER SETTING. 34:1 IS CLEAR. THIS IS RNAV (GPS) RWY 25, AMDT 1C. 1510211444-PERM.

FDC 5/0069 GKJ IAP PORT MEADVILLE, MEADVILLE, PA. RNAV (GPS) RWY 7, AMDT 1B...DELETE NOTE: NIGHT LANDING: RWY 7 NA. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. CHART VDP AT 0.97 NM FROM RW07. CHART NOTE: VDP NA WHEN USING FRANKLIN ALTIMETER SETTING. THIS IS RNAV (GPS) RWY 7, AMDT 1C. 1510211443-PERM.

FDC 5/0049 GKJ IAP PORT MEADVILLE, MEADVILLE, PA. LOC RWY 25, AMDT 6B...S-25 CAT A VIS 3/4. ADD (DME REQUIRED) TO REICH FIX MINIMUMS. REICH FIX MINIMUMS (DME REQUIRED) S-25 CATS A/B VIS 3/4, CATS C/D VIS 7/8. DELETE ALL NOTES. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FRANKLIN ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET; INCREASE S-25 CATS C AND D VISIBILITY 1/8 MILE AND CIRCLING CATS A, C, AND D VISIBILITY 1/4 MILE; INCREASE REICH FIX MINIMUMS S-25 CATS C AND D, AND CIRCLING CATS C AND D VISIBILITY 1/4 MILE. CHART NOTE: FOR INOPERATIVE MALS, INCREASE S-25 CATS C AND D VISIBILITY TO 2 MILES AND REICH FIX MINIMUMS S-25 CAT D VISIBILITY TO 1 1/8 MILE. CHART NOTE: FOR INOPERATIVE MALS WHEN USING FRANKLIN ALTIMETER SETTING, INCREASE S-25 CATS C AND D VISIBILITY TO 2 1/2 MILES AND REICH FIX MINIMUMS S-25 CAT D VISIBILITY TO 1 3/8 MILE. THIS IS LOC RWY 25, AMDT 6C. 1510211441-PERM.

MILFORD

Myer

FDC 3/4692 6PA0 FI/T SPECIAL MYER, MILFORD, PA. (SPECIAL) COPTER RNAV (GPS) 008, ORIG.PROCEDURE NA.

MOUNT JOY/MARIETTA

Donegal Springs Airpark

FDC 5/0015 N71 IAP DONEGAL SPRINGS AIRPARK, MOUNT JOY/MARIETTA, PA. VOR RWY 28, AMDT 1...PROCEDURE NA. 1508262052-1602222052EST.

MOUNT POCONO

Pocono Mountains Muni

FDC 5/5288 MPO IAP POCONO MOUNTAINS MUNI, MOUNT POCONO, PA. RNAV (GPS) RWY 13, AMDT 3B...DISREGARD NOTE: RWY 13 STRAIGHT-IN AND CIRCLING AND CIRCLING TO RWY 23 NA AT NIGHT. CHART NOTE: NIGHT LANDING: RWY 23 NA. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA.. 1511181918-1605161918EST.

FDC 5/5287 MPO IAP POCONO MOUNTAINS MUNI, MOUNT POCONO, PA. RNAV (GPS) RWY 5, ORIG-A...DISREGARD NOTE CIRCLING TO RWY 13/23 NA AT NIGHT. CHART NOTE: NIGHT LANDING: RWY 23 NA.. 1511181918-1605161918EST.

PHILADELPHIA

Northeast Philadelphia

FDC 4/0376 PNE STAR NORTHEAST PHILADELPHIA, PHILADELPHIA, PA. BUNTS ONE ARRIVAL.UNUSABLE 1) BELOW 5000FT MSL BETWEEN PSB AND HAR 2) BELOW 4000FT MSL BETWEEN HAR AND BOUHN 1403261400-PERM.

FDC 1/4817 PNE FI/T STAR NORTHEAST PHILADELPHIA, PHILADELPHIA, PA., CEDAR LAKE 8 ARRIVAL - MINIMUM ENROUTE ALTITUDE (MEA) IS REVISED BETWEEN ROUTE SEGMENTS. THE MEA BETWEEN BRIGS INTERSECTION AND CEDAR LAKE VOR (VCN) AND BETWEEN VCN AND WOODSTOWN VOR (OOD) IS REVISED FROM 1900 FEET MSL TO 2100 FEET MSL.

Philadelphia Intl

FDC 4/0387 PHL STAR PHILADELPHIA INTERNATIONAL, PHILADELPHIA, PA. BUNTS ONE ARRIVAL.UNUSABLE 1) BELOW 5000FT MSL BETWEEN PSB AND HAR 2) BELOW 4000FT MSL BETWEEN HAR AND BOUHN 1403261400-PERM.

FDC 1/4811 PHL FI/T STAR PHILADELPHIA INTL, PHILADELPHIA, PA., CEDAR LAKE 8 ARRIVAL - MINIMUM ENROUTE ALTITUDE (MEA) IS REVISED BETWEEN ROUTE SEGMENTS. THE MEA BETWEEN BRIGS INTERSECTION AND CEDAR LAKE VOR (VCN) AND BETWEEN VCN AND WOODSTOWN VOR (OOD) IS REVISED FROM 1900 FEET MSL TO 2100 FEET MSL.

PITTSBURGH

Allegheny County

FDC 5/9766 AGC IAP ALLEGHENY COUNTY, PITTSBURGH, PA. ILS OR LOC RWY 28, AMDT 29A...DELETE NOTE: NIGHT LANDING: RWY 13 NA. THIS IS ILS OR LOC RWY 28, AMDT 29B. 1510211125-PERM.

FDC 5/9764 AGC IAP ALLEGHENY COUNTY, PITTSBURGH, PA. ILS OR LOC RWY 10, AMDT 6A...DELETE NOTE: NIGHT LANDING: RWY 13 NA. THIS IS ILS OR LOC RWY 10, AMDT 6B. 1510211125-PERM.

FDC 5/9762 AGC IAP ALLEGHENY COUNTY, PITTSBURGH, PA. RNAV (GPS) RWY 10, AMDT 4A...DELETE NOTE: NIGHT LANDING: RWY 13 NA. THIS IS RNAV (GPS) RWY 10, AMDT 4B. 1510211125-PERM.

FDC 5/7743 AGC IAP ALLEGHENY COUNTY, PITTSBURGH, PA. RNAV (GPS) RWY 10, AMDT 4A...LPV MINIMUMS NA. 1509291910-1603271910EST.

FDC 5/0349 AGC IAP ALLEGHENY COUNTY, PITTSBURGH, PA. VOR-A, ORIG...PROCEDURE NA. 1508101707-1602061706EST.

FDC 4/1196 AGC STAR ALLEGHENY COUNTY, PITTSBURGH, PA. NESTO FOUR ARRIVAL...PROCEDURE NA 1411130500-1501080500EST.

Pittsburgh Intl

FDC 5/9092 PIT IAP PITTSBURGH INTL, PITTSBURGH, PA. RNAV (GPS) Y RWY 28C, AMDT 4A...LNAV MDA 1600/HAT 466 ALL CATS. VDP 1.3 NM FROM RW28C. 1409051708-1503051708EST. 1509111328-1603091328EST.

FDC 5/9088 PIT IAP PITTSBURGH INTL, PITTSBURGH, PA. RNAV (GPS) Y RWY 28L, AMDT 4C...LNAV MDA 1600/HAT 475 ALL CATS. VIS CAT C RVR 5000. VDP 1.3 NM FROM RW28L. 1509111323-1603091323EST.

FDC 5/8666 PIT SID PITTSBURGH INTL, PITTSBURGH, PA. PITTSBURGH ONE DEPARTURE...DISREGARD TOP ALTITUDE: ASSIGNED BY ATC. ALL OTHER DATA REMAINS AS PUBLISHED. 1510191122-1606101117EST.

FDC 5/3403 PIT IAP PITTSBURGH INTL, PITTSBURGH, PA. ILS OR LOC RWY 10L, AMDT 25B...S-LOC 10L MDA 1600/HAT 397 ALL CATS. 1509181540-1604291540EST.

FDC 5/2703 PIT IAP PITTSBURGH INTL, PITTSBURGH, PA. RNAV (GPS) Y RWY 32, AMDT 5A...LNAV MDA 1800/HAT 677 ALL CATS, VIS CATS C/D 1 3/4 MILE. CIRCLING MDA 1800/HAA 597 ALL CATS, VIS CAT C 1 7/8 MILES. NOTE: FOR INOPERATIVE MALSF, INCREASE LNAV CATS C/D VISIBILITY TO 1 7/8 MILE. CHANGE INOPERATIVE TABLE DOES NOT APPLY NOTE TO READ: INOPERATIVE TABLE DOES NOT APPLY TO LNAV/VNAV ALL CATS. 1511131502-1605111502EST.

FDC 5/2628 PIT IAP PITTSBURGH INTL, PITTSBURGH, PA. RNAV (RNP) Z RWY 32, AMDT 1B...RNP 0.11 DA 1461/HAT 338 ALL CATS. RNP 0.30 DA 1509/HAT 386 ALL CATS. 1510261559-1604231559EST.

FDC 5/1225 PIT IAP PITTSBURGH INTL, PITTSBURGH, PA. RNAV (RNP) Z RWY 28L, ORIG-C...RNP 0.13 DA 1528/HAT 406. RNP 0.30 DA 1578/HAT 456. 1509161148-1603141148EST.

FDC 5/1223 PIT IAP PITTSBURGH INTL, PITTSBURGH, PA. RNAV (RNP) Z RWY 28C, ORIG-C...RNP 0.14 DA 1537/HAT 404. VIS 1 1/2. RNP 0.16 DA 1538/HAT 405. RNP 0.30 DA 1583/HAT 450. 1509161145-1603141145EST.

FDC 5/0757 PIT IAP PITTSBURGH INTL, PITTSBURGH, PA. RNAV (RNP) Z RWY 10R, ORIG-C...RNP 0.20 DA 1575/HAT 440. 1509151457-1603131457EST.

FDC 5/0611 PIT SID PITTSBURGH INTL, PITTSBURGH, PA. PITTSBURGH ONE DEPARTURE...TAKE-OFF MINIMUMS RWY 28C STANDARD. NOTE: RWY 28C ACFT 267 FT FROM DER, 500 FT RIGHT OF CENTERLINE, 64 FT AGL/1208 FT MSL. LIGHTED POLES 124 FT FROM DER, 500 FT RIGHT OF CENTERLINE, UP TO 41 FT AGL, 1149 FT MSL. ACFT 1310 FT FROM DER, 630 FT RIGHT OF CENTERLINE, 64 FT AGL/1207 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1511101230-1605081230EST.

FDC 5/0609 PIT ODP PITTSBURGH INTL, PITTSBURGH, PA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 4...NOTE: RWY 28C ACFT 267 FT FROM DER, 500 FT RIGHT OF CENTERLINE, 64 FT AGL/1208 FT MSL. LIGHTED POLES 124 FT FROM DER, 500 FT RIGHT OF CENTERLINE, UP TO 41 FT AGL, 1149 FT MSL. ACFT 1310 FT FROM DER, 630 FT RIGHT OF CENTERLINE, 64 FT AGL/1207 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1511101224-1605081223EST.

FDC 5/0362 PIT IAP PITTSBURGH INTL,
PITTSBURGH, PA. ILS OR LOC RWY 10R, AMDT
10E...ILS RWY 10R (CAT II AND III), AMDT
10E...MISSED APPROACH: CLIMB TO 1900 THEN
CLIMBING RIGHT TURN TO 5000 DIRECT HLG
VOR/DME AND HOLD NE, LT, 233.00 INBOUND..
1508101715-1602061715EST.

FDC 4/1195 PIT STAR PITTSBURGH INTL,
PITTSBURGH, PA. NESTO FOUR
ARRIVAL...PROCEDURE NA
1411130500-1501080500EST.

POTTSTOWN

Pottstown Muni

FDC 5/1361 N47 ODP POTTSTOWN MUNI,
POTTSTOWN, PA. TAKEOFF MINIMUMS AND
(OBSTACLE) DEPARTURE PROCEDURES AMDT
2A...TAKEOFF MINIMUMS: RWY 8, 600-3 WITH
MINIMUM CLIMB OF 241 FT PER NM TO 1300, OR
1300-2 1/2 FOR CLIMB IN VISUAL CONDITIONS.
NOTE: RWY 8, TOWER 2668 FEET FROM DER, 1094
FEET RIGHT OF CENTERLINE, 176 FEET AGL/433
FEET MSL. TERRAIN 2,761 FEET FROM DER, 124
FEET RIGHT OF CENTERLINE, 0 FEET AGL/319FEET
MSL. MULTIPLE TREES BEGINNING 5,919 FEET
FROM DER, 854FEET LEFT OF CENTERLINE, UP TO
100 FEET AGL/559 FEET MSL. MULTIPLE TREES
BEGINNING 1.3 NM FROM DER, 616 FEET RIGHT OF
CENTERLINE, UP TO 100 FEET AGL 759 FEET MSL.
ALL OTHER DATA REMAINS AS PUBLISHED.
1506191410-1512161410EST.

POTTSVILLE

Schuylkill Medical Center

FDC 5/8260 91PN IAP SCHUYLKILL MEDICAL
CENTER, POTTSVILLE, PA. COPTER RNAV (GPS) 095,
ORIG...CHANGE HELIPORT NAME TO READ:
SCHUYLKILL MEDICAL CENTER.
1509301408-1603281408EST.

QUAKERTOWN

Quakertown

FDC 5/5883 UKT IAP QUAKERTOWN,
QUAKERTOWN, PA. RNAV (GPS) RWY 29, AMDT
1...LP HAT 395 ALL CATS. LNAV HAT 435 ALL CATS.
CHART TDZE 525 DELETE THRE 505. DELETE NOTE:
WHEN VGSI INOP, CIRCLING RWY 11 NA AT NIGHT.
DELETE NOTE: WHEN VGSI INOP,
STRAIGHT-IN/CIRCLING RWY 29 PROCEDURE NA AT
NIGHT. CHART NOTE: PROCEDURE NA AT NIGHT.
CHANGE HELICOPTER VISIBILITY REDUCTION
NOTE TO READ: HELICOPTER VISIBILITY
REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS
IS RNAV (GPS) RWY 29, AMDT 1A. 1510301916-PERM.

FDC 5/1317 UKT IAP QUAKERTOWN,
QUAKERTOWN, PA. RNAV (GPS) RWY 11,
ORIG...NOTE: NIGHT LANDING: RWY 29 NA.
CHANGE HELICOPTER VISIBILITY REDUCTION
NOTE TO READ: VISIBILITY REDUCTION BELOW 1
SM NOT AUTHORIZED. 1506191329-1512161329EST.

FDC 5/1315 UKT IAP QUAKERTOWN,
QUAKERTOWN, PA. RNAV (GPS) RWY 29, AMDT
1...NOTE: NIGHT LANDING: RWY 11 NA.. CHANGE
HELICOPTER VISIBILITY REDUCTION NOTE TO
READ: VISIBILITY REDUCTION BELOW 1 SM NOT
AUTHORIZED. 1506191326-1512161325EST.

READING

Reading Rgnl/Carl A Spaatz Field

FDC 5/1615 RDG ODP READING RGNL/CARL A
SPAATZ FIELD, READING, PA. TAKEOFF MINIMUMS
AND (OBSTACLE) DEPARTURE PROCEDURES AMDT
5...TAKE-OFF MINIMUMS RWY 13, STANDARD WITH
MINIMUM CLIMB OF 436 FT PER NM TO 1700. ALL
OTHER DATA REMAINS AS PUBLISHED.
1511121336-1605101332EST.

REEDSVILLE

Mifflin County

FDC 5/4781 RVL IAP MIFFLIN COUNTY,
REEDSVILLE, PA. RNAV (GPS) RWY 24,
ORIG...CHANGE VISIBILITY REDUCTION BY
HELICOPTERS NA NOTE TO READ: HELICOPTER
VISIBILITY REDUCTION BELOW 3/4 SM NOT
AUTHORIZED. THIS IS RNAV (GPS) RWY 24 ORIG-A.
1509031257-PERM.

FDC 5/4780 RVL IAP MIFFLIN COUNTY,
REEDSVILLE, PA. LOC RWY 6, AMDT 8A...CHANGE
VISIBILITY REDUCTION BY HELICOPTERS NA NOTE
TO READ: HELICOPTER VISIBILITY REDUCTION
BELOW 3/4 SM NOT AUTHORIZED. THIS IS LOC RWY
6, AMDT 8B. 1509031257-PERM.

FDC 5/4779 RVL IAP MIFFLIN COUNTY,
REEDSVILLE, PA. RNAV (GPS) RWY 6,
ORIG...CHANGE VISIBILITY REDUCTION BY
HELICOPTERS NA NOTE TO READ: HELICOPTER
VISIBILITY REDUCTION BELOW 3/4 SM NOT
AUTHORIZED. THIS IS RNAV (GPS) RWY 6 ORIG-A.
1509031257-PERM.

SHAMOKIN

Northumberland County

FDC 5/1980 N79 ODP NORTHUMBERLAND COUNTY, SHAMOKIN, PA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKE-OFF MINIMUMS: RWY 8, NA. RWY 26, 400-2 1/2 OR STANDARD WITH MINIMUM CLIMB OF 266 FT PER NM TO 1400. NOTE: RWY 26, TREES BEGINNING 10 FT FROM DER, 242 FT LEFT OF CENTERLINE, UP TO 13 FT AGL/865 FT MSL. TREES BEGINNING 84 FT FROM DER, 184 FT RIGHT OF CENTERLINE, UP TO 20 FT AGL/872 FT MSL. TREES BEGINNING 2.1 NM FROM DER, 2621 FT RIGHT OF CENTERLINE, UP TO 80 FT AGL/1240 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1510231738-1605271738EST.

STATE COLLEGE

University Park

FDC 5/6685 UNV IAP UNIVERSITY PARK, STATE COLLEGE, PA. ILS OR LOC RWY 24, AMDT 9A...MSA FROM UN LOM 4100. 1508041834-1601311834EST.

FDC 5/6683 UNV IAP UNIVERSITY PARK, STATE COLLEGE, PA. RNAV (GPS) RWY 6, AMDT 1A...MSA FROM RW06 4100. 1508041831-1601311831EST.

FDC 5/6681 UNV IAP UNIVERSITY PARK, STATE COLLEGE, PA. RNAV (GPS) RWY 24, ORIG-A...MSA FROM RW24 4100. 1508041828-1601311828EST.

TITUSVILLE

Titusville

FDC 5/0111 6G1 IAP TITUSVILLE, TITUSVILLE, PA. VOR OR GPS-A, AMDT 5...NOTE: PROCEDURE NA AT NIGHT.. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.. 1509141312-1603121312EST.

TOUGHKENAMON

New Garden

FDC 5/1639 N57 IAP NEW GARDEN, TOUGHKENAMON, PA. VOR RWY 24, AMDT 7C...TERMINAL ROUTE FROSE TO MXE VORTAC NA. 1511121342-1605101341EST.

TOWANDA

Bradford County

FDC 5/2463 N27 ODP BRADFORD COUNTY, TOWANDA, PA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...TAKE-OFF MINIMUMS: RWY 5, 800-3 WITH MINIMUM CLIMB OF 333 FT PER NM TO 2000, OR STANDARD WITH MINIMUM CLIMB OF 461 FT PER NM TO 2000, OR 2000-3 FOR CLIMB IN VISUAL CONDITIONS. ALL OTHER DATA REMAINS AS PUBLISHED. 1510261323-1604231323EST.

WARREN

Warren General Hospital

FDC 5/6642 PA97 SPECIAL WARREN GENERAL HOSPITAL, WARREN, PA. COPTER RNAV (GPS) 315, ORIG...H -315 MDA 2240/HAS 461. 1509251839-1605131839EST.

WASHINGTON

Washington County

FDC 4/1198 AFJ STAR WASHINGTON COUNTY, WASHINGTON, PA. NESTO FOUR ARRIVAL...PROCEDURE NA 1411130500-1501080500EST.

WAYNESBURG

Greene County

FDC 5/8119 WAY IAP GREENE COUNTY, WAYNESBURG, PA. RNAV (GPS) RWY 27, ORIG...DESCENT ANGLE 3.05/TCH 30 NA. 1506130638-1512100636EST.

WILKES-BARRE

Wilkes-Barre Wyoming Valley

FDC 5/5601 WBW IAP WILKES-BARRE WYOMING VALLEY, WILKES-BARRE, PA. RNAV (GPS) RWY 7, ORIG-A...DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 7 PROCEDURE NA AT NIGHT. NOTE: NIGHT LANDING: RWY 7 NA. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.. 1509041939-1603021939EST.

WILLIAMSPORT

Williamsport Rgnl

FDC 5/3007 IPT IAP WILLIAMSPORT RGNL, WILLIAMSPORT, PA. RNAV (GPS) RWY 30, ORIG-A...NOTE: NIGHT LANDING: RWY 12, 30 NA. CHANGE HELICOPTER RESTRICTION NOTE TO READ: VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1507091718-1601051717EST.

FDC 5/1365 IPT IAP WILLIAMSPORT RGNL,
WILLIAMSPORT, PA. RNAV (GPS) RWY 12,
ORIG-A...NOTE: NIGHT LANDING: RWY 12, 30 NA.
CHANGE HELICOPTER RESTRICTION NOTE TO
READ: VISIBILITY REDUCTION BELOW 1 SM NOT
AUTHORIZED. 1506191414-1512161414EST.

FDC 5/1363 IPT IAP WILLIAMSPORT RGNL,
WILLIAMSPORT, PA. RNAV (GPS) RWY 9,
ORIG-A...NOTE: NIGHT LANDING: RWY 9, 12, 30 NA.
CHANGE HELICOPTER RESTRICTION NOTE TO
READ: VISIBILITY REDUCTION BELOW 1 SM NOT
AUTHORIZED. 1506191412-1512161412EST.

YORK

York

FDC 5/0261 THV IAP YORK, YORK, PA. RNAV (GPS)
RWY 35, AMDT 1B...DESCENT ANGLE 3.00/TCH 45
NA. 1508271136-1602231136EST.

FDC 5/0260 THV IAP YORK, YORK, PA. RNAV (GPS)
RWY 17, AMDT 2B...DESCENT ANGLE 3.00/TCH 45
NA. 1508271136-1602231136EST.

ZELIENOPE

Zelienople Muni

FDC 5/7397 PJC IAP ZELIENOPE MUNI,
ZELIENOPE, PA. RNAV (GPS) RWY 35,
ORIG-E...DESCENT ANGLE 3.05/TCH 45 NA.
1509291157-1604151156EST.

FDC 5/7395 PJC IAP ZELIENOPE MUNI,
ZELIENOPE, PA. RNAV (GPS) RWY 17,
ORIG-A...DESCENT ANGLE 3.45/TCH 45 NA.
1509291155-1604151155EST.

PUERTO RICO

AGUADILLA

Rafael Hernandez

FDC 5/1071 BQN IAP RAFAEL HERNANDEZ,
AGUADILLA, PR. VOR/DME OR TACAN RWY 26,
ORIG-B...S-26 MDA 620/HAT 410 ALL CATS.
VISIBILITY CATS C/D 1 1/8.
1508111905-1602071905EST.

MAYAGUEZ

Eugenio Maria De Hostos

FDC 5/3915 MAZ ODP EUGENIO MARIA DE HOSTOS,
MAYAGUEZ, PR. TAKEOFF MINIMUMS AND
(OBSTACLE) DEPARTURE PROCEDURES AMDT
3...DEPARTURE PROCEDURE: NA EXCEPT FOR
AIRCRAFT EQUIPPED WITH SUITABLE RNAV
SYSTEM WITH GPS, MAZ VOR R-083 RESTRICTED.
1507301938-1601261938EST.

SAN JUAN

Fernando Luis Ribas Dominicci

FDC 5/1982 SIG ODP FERNANDO LUIS RIBAS
DOMINICCI, SAN JUAN, PR. TAKEOFF MINIMUMS
AND (OBSTACLE) DEPARTURE PROCEDURES
ORIG...TAKE-OFF MINIMUMS RWY 9 400 - 2 AND
MINIMUM CLIMB OF 250 FT PER NM TO 4800 FT..
TAKE-OFF MINIMUMS RWY 27 300 - 1 AND
MINIMUM CLIMB OF 257 FT PER NM TO 5400.. ALL
OTHER DATA REMAINS AS PUBLISHED.
1510231740-1605271740EST.

Luis Munoz Marin Intl

FDC 5/4892 SJU SID LUIS MUNOZ MARIN INTL, SAN
JUAN, PR. VERMO FIVE DEPARTURE...DEPARTURE
PROCEDURE DME REQUIRED EXCEPT FOR
AIRCRAFT EQUIPPED WITH SUITABLE RNAV
SYSTEM WITH GPS. BQN R-037 UNUSABLE.
1506081552-1512051552EST.

FDC 5/2481 SJU IAP LUIS MUNOZ MARIN INTL, SAN
JUAN, PR. ILS OR LOC RWY 10, AMDT 6...S-ILS 10
DA259/HAT 250. 1510261328-1604231328EST.

RHODE ISLAND

NORTH KINGSTOWN

Quonset State

FDC 5/8252 OQU IAP QUONSET STATE, NORTH
KINGSTOWN, RI. VOR RWY 34, AMDT 2B...S-34
MINIMUMS NA.. 1509301404-1604181404EST.

FDC 5/8235 OQU IAP QUONSET STATE, NORTH
KINGSTOWN, RI. RNAV (GPS) RWY 16,
ORIG-C...RNAV (GPS) RWY 34,
ORIG-C...STRAIGHT-IN MINIMUMS NA.
1509301358-1604181358EST.

SOUTH CAROLINA

AIKEN

Aiken Muni

FDC 5/9334 AIK SID AIKEN MUNI, AIKEN, SC. DOVER THREE DEPARTURE (RNAV)...JUNPR THREE DEPARTURE (RNAV)...KAOLN FOUR DEPARTURE (RNAV)...RDBUD TWO DEPARTURE (RNAV)...DEPARTURE PROCEDURE TAKEOFF MINIMUMS: RWY 19, STANDARD WITH MINIMUM CLIMB OF 201 FT PER NM TO 1000. ALL OTHER DATA REMAINS AS PUBLISHED. 1508261519-1602221519EST.

CHARLESTON

Charleston AFB/Intl

FDC 5/7625 CHS IAP CHARLESTON AFB/INTL, CHARLESTON, SC. VOR/DME OR TACAN RWY 21, AMDT 14...PROCEDURE TURN COMPLETION ALTITUDE 1700. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1508241429-1602201429EST.

FDC 5/7621 CHS IAP CHARLESTON AFB/INTL, CHARLESTON, SC. VOR/DME OR TACAN RWY 3, AMDT 14A...S-3 VISIBILITY CATS D AND E 1 1/4. DISREGARD NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-3 CATS A, B AND C. DISREGARD NOTE: FOR INOPERATIVE SSALR, INCREASE S-3 CATS D AND E VISIBILITY TO 1. 1508241426-1602201426EST.

FDC 5/6753 CHS IAP CHARLESTON AFB/INTL, CHARLESTON, SC. VOR/DME OR TACAN RWY 33, AMDT 13A...TERMINAL ROUTE FROM (IF) IPETE CHS 10 DME TO (FAF) BEVLY CHS 3.8 DME MINIMUM ALTITUDE 1400. (FAF) BEVLY CHS 3.8 DME MINIMUM ALTITUDE 1400. S-33 CAT D MINIMUMS NA. BEVLY TO RW33: 3.52/50 TCH. 1508041851-1601311851EST.

FDC 5/4850 CHS IAP CHARLESTON AFB/INTL, CHARLESTON, SC. RNAV (RNP) Z RWY 21, ORIG-B...RNP 0.21 DA 396/HAT 353 ALL CATS. TEMPORARY CRANE 233 MSL 2458 FT E OF RWY 33. 1506081457-1512051456EST.

FDC 5/4193 CHS IAP CHARLESTON AFB/INTL, CHARLESTON, SC. RNAV (RNP) Z RWY 33, ORIG-B...RNP 0.23 DA 444/HAT 406 ALL CATS. TEMPORARY CRANE 233 MSL 2458 FT E OF RWY 33. 1510281544-1604251543EST.

FDC 5/1055 CHS IAP U.S. DOD CHARLESTON AFB/INTL, CHARLESTON, SC. HI VOR/DME OR TACAN RWY 33, AMDT 5...PROCEDURE NA. 1510051805-1605161805EST.

Charleston Executive

FDC 5/6365 JZI IAP CHARLESTON EXECUTIVE, CHARLESTON, SC. ILS OR LOC RWY 9, AMDT 2A...S-ILS 9 DA 275/HAT 256 ALL CATS. CHANGE HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS ILS OR LOC RWY 9, AMDT 2B. 1508201902-PERM.

FDC 5/4760 JZI IAP CHARLESTON EXECUTIVE, CHARLESTON, SC. RNAV (GPS) RWY 27, AMDT 2A...LPV MINIMA NA. 1508191118-1602151118EST.

FDC 5/2454 JZI ODP CHARLESTON EXECUTIVE, CHARLESTON, SC. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...NOTE: RWY 9, ANTENNA 110 FT FROM DER, 444 FT LEFT OF CENTERLINE, 39 FT AGL/47 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1510261317-1604231316EST.

CHERAW

Cheraw Muni/Lynch Bellinger Field

FDC 5/3411 CQW IAP CHERAW MUNI/LYNCH BELLINGER FIELD, CHERAW, SC. RNAV (GPS) RWY 8, ORIG-A...PROCEDURE NA AT NIGHT. 1509181544-1604291544EST.

CHESTER

Chester Catawba Rgnl

FDC 5/6656 DCM STAR CHESTER CATAWBA RGNL, CHESTER, SC. SHINE SIX ARRIVAL...PROCEDURE NA 1510150400-PERM.

FDC 5/3517 DCM STAR CHESTER CATAWBA RGNL, CHESTER, SC. PARQR ONE ARRIVAL PROCEDURE NOT AUTHORIZED. 1508200400-1607260400EST.

COLUMBIA

Jim Hamilton L B Owens

FDC 4/5129 CUB IAP JIM HAMILTON L.B. OWENS, COLUMBIA, SC. LOC RWY 31, AMDT 1A.CHART NOTE: NIGHT LANDING: RWY 13 NA. CHANGE VISIBILITY REDUCTION BY HELICOPTERS NA NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1SM NOT AUTHORIZED. THIS IS LOC RWY 31, AMDT 1B. 1403072124-PERM.

CONWAY

Conway-Horry County

FDC 5/7473 HYW IAP CONWAY-HORRY COUNTY, CONWAY, SC. NDB RWY 4, ORIG-C...TERMINAL ROUTE CRE VORTAC TO HYW NDB NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. CRE VORTAC UNUSABLE. 1511031951-1604271950EST.

DARLINGTON

Darlington County Jetport

FDC 5/6197 UDG IAP DARLINGTON COUNTY JETPORT, DARLINGTON, SC. VOR/DME-A, AMDT 7...PROCEDURE NA. 1506092216-1512062216EST.

DILLON

Dillon County

FDC 5/7793 DLC IAP DILLON COUNTY, DILLON, SC. VOR/DME OR GPS RWY 7, AMDT 5A...DESCENT ANGLE NA. 1508051854-1602011854EST.

FLORENCE

Florence Rgnl

FDC 5/7991 FLO IAP FLORENCE RGNL, FLORENCE, SC. RNAV (GPS) RWY 19, ORIG-A...DESCENT ANGLE 3.04/TCH 42 NA.. 1506121858-1512091858EST.

FDC 5/7990 FLO IAP FLORENCE RGNL, FLORENCE, SC. RNAV (GPS) RWY 1, ORIG-A...DESCENT ANGLE 3.02/TCH 57 NA.. 1506121858-1512091858EST.

GREENWOOD

Greenwood County

FDC 5/9151 GRD IAP GREENWOOD COUNTY, GREENWOOD, SC. VOR RWY 27, AMDT 12B...NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1511061148-1606131148EST.

FDC 5/9150 GRD IAP GREENWOOD COUNTY, GREENWOOD, SC. VOR OR GPS RWY 9, AMDT 13B...NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1511061148-1606131148EST.

FDC 5/9149 GRD ODP GREENWOOD COUNTY, GREENWOOD, SC. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKEOFF MINIMUMS: RWY 5, 23 NA. ALL OTHER DATA REMAINS AS PUBLISHED. 1511061148-1606131148EST.

FDC 5/6959 GRD IAP GREENWOOD COUNTY, GREENWOOD, SC. NDB OR GPS RWY 27, AMDT 1A...CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS NDB OR GPS RWY 27, AMDT 1B. 1509281242-PERM.

GREER

Greenville Spartanburg Intl

FDC 5/3516 GSP IAP GREENVILLE SPARTANBURG INTL, GREER, SC. RNAV (GPS) RWY 4, AMDT 2...LPV DA 1147/HAT 200 ALL CATS. LNAV/VNAV DA 1422/HAT 475 ALL CATS. LNAV MDA 1400/HAT 453 ALL CATS. CHANGE THRE 941 TO READ TDZE 947. 1509181755-1603161755EST.

HILTON HEAD ISLAND

Hilton Head

FDC 5/7044 HXD IAP HILTON HEAD, HILTON HEAD ISLAND, SC. RNAV (GPS) RWY 21, ORIG...LNAV CATS C/D VIS 1 3/8. DELETE NOTE: USE SAVANNAH ALTIMETER SETTING. CHART NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 21 ORIG-A. 1510151100-PERM.

FDC 5/7043 HXD IAP HILTON HEAD, HILTON HEAD ISLAND, SC. RNAV (GPS) RWY 3, ORIG...LNAV CAT D VIS 1 1/2. DELETE NOTE: USE SAVANNAH ALTIMETER SETTING. CHART NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 3 ORIG-A. 1510151100-PERM.

FDC 5/7041 HXD IAP HILTON HEAD, HILTON HEAD ISLAND, SC. VOR/DME-A, AMDT 10...DELETE NOTE: USE SAVANNAH ALTIMETER SETTING. CHART NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. ALTERNATE MINIMUMS: CATS A/B STANDARD, CAT C 800- 2 1/4, CAT D 800-2 1/2. THIS IS VOR/DME-A, AMDT 10A. 1510151100-PERM.

LAKE CITY

Lake City Muni Cj Evans Field

FDC 5/7802 51J IAP LAKE CITY MUNI CJ EVANS FIELD, LAKE CITY, SC. RNAV (GPS) RWY 19, ORIG...NOTE: DESCENT ANGLE 3.04/TCH 40 NA. 1508051858-1602011858EST.

LANCASTER

Lancaster County-Mc Whirter Field

FDC 5/6650 LKR STAR LANCASTER COUNTY-MC WHIRTER FIELD, LANCASTER, SC SHINE SIX ARRIVAL PROCEDURE NOT AUTHORIZED 1510150400-PERM.

FDC 5/3518 LKR STAR LANCASTER COUNTY-MC WHIRTER FIELD, LANCASTER, SC. PARQR ONE ARRIVAL PROCEDURE NOT AUTHORIZED. 1508200400-1607260400EST.

LORIS

Twin City

FDC 5/1076 5J9 IAP TWIN CITY, LORIS, SC. GPS RWY 26, ORIG...CHART NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS GPS RWY 26 ORIG-A. 1510051807-PERM.

MANNING

Santee Cooper Rgnl

FDC 5/8085 MNI IAP SANTEE COOPER RGNL, MANNING, SC. NDB OR GPS RWY 2, AMDT 2...VOR/DME OR GPS-A, AMDT 4...NOTE: PROCEDURE NA AT NIGHT. 1509301334-1604181334EST.

MARION

Marion County

FDC 5/1778 MAO ODP MARION COUNTY, MARION, SC. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TAKE-OFF MINIMUMS RWY 4 STANDARD WITH MINIMUM CLIMB OF 455 FT PER NM TO 1000. DEPARTURE ROUTE DESCRIPTION RWY 4 CLIMB HEADING 041 TO 1000 BEFORE TURNING. NOTE RWY 4, VEGETATION BEGINNING 8 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/214 FT MSL. VEHICLE 89 FT FROM DER, 241 FT LEFT OF CENTERLINE, 15 FT AGL/103 FT MSL. NOTE RWY 22, VEGETATION BEGINNING 4 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/197 FT MSL. VEHICLE 96 FT FROM DER, 490 FT LEFT OF CENTERLINE, 15 FT AGL/104 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1510231300-1605261300EST.

MONCK'S CORNER

Berkeley County

FDC 5/7042 MKS IAP BERKELEY COUNTY, MONCK'S CORNER, SC. VOR/DME-A, ORIG-A...PROCEDURE NA. 1509091115-1603071115EST.

MOUNT PLEASANT

Mt Pleasant Rgnl-Faison Field

FDC 5/3601 LRO IAP MT PLEASANT RGNL-FAISON FIELD, MOUNT PLEASANT, SC. RNAV (GPS) RWY 35, ORIG-A...CHART NOTE: NIGHT LANDING: RWY 35 NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 34:1 IS NOT CLEAR. DELETE VDP. DELETE NOTE: VDP NA WITH CHARLESTON AFB/INTL ALTIMETER SETTING. THIS IS RNAV (GPS) RWY 35, ORIG-B. 1511161735-PERM.

FDC 5/3600 LRO IAP MT PLEASANT RGNL-FAISON FIELD, MOUNT PLEASANT, SC. RNAV (GPS) RWY 17, ORIG-A...CHART NOTE: NIGHT LANDING: RWY 35 NA. THIS IS RNAV (GPS) RWY 17, ORIG-B. 1511161735-PERM.

FDC 5/3599 LRO IAP MT PLEASANT RGNL-FAISON FIELD, MOUNT PLEASANT, SC. VOR/DME-A, AMDT 1...CHART NOTE: NIGHT LANDING: RWY 35 NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS VOR/DME-A, AMDT 1A. 1511161735-PERM.

MYRTLE BEACH

Myrtle Beach Intl

FDC 5/7468 MYR IAP MYRTLE BEACH INTL, MYRTLE BEACH, SC. ILS OR LOC RWY 36, AMDT 3A...MISSED APPROACH: CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 3000 DIRECT HYW NDB AND HOLD (ADF REQUIRED) EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. CRE VORTAC R-302 AND DME UNUSABLE. 1511031948-1604271948EST.

NEWBERRY

Newberry County

FDC 5/6293 EOE IAP NEWBERRY COUNTY, NEWBERRY, SC. RNAV (GPS) RWY 4, ORIG...34:1 IS NOT CLEAR. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 4 ORIG-A. 1509081246-PERM.

FDC 5/6292 EOE IAP NEWBERRY COUNTY, NEWBERRY, SC. NDB RWY 22, AMDT 6A...CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS NDB RWY 22, AMDT 6B. 1509081246-PERM.

FDC 5/6291 EOE IAP NEWBERRY COUNTY, NEWBERRY, SC. RNAV (GPS) RWY 22, ORIG...34:1 IS NOT CLEAR. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DELETE PROFILE NOTE: VGSI AND DESCENT GRADIENT NOT COINCIDENT. THIS IS RNAV (GPS) RWY 22 ORIG-A. 1509081245-PERM.

FDC 5/5578 EOE IAP NEWBERRY COUNTY, NEWBERRY, SC. NDB RWY 22, AMDT 6A...RNAV (GPS) RWY 22, ORIG...NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1509041928-1603021928EST.

NORTH MYRTLE BEACH

Grand Strand

FDC 5/7475 CRE IAP GRAND STRAND, NORTH MYRTLE BEACH, SC. ILS OR LOC/DME RWY 23, AMDT 12...TERMINAL ROUTES ASHES INT/CRE VORTAC 18.5 DME (IAF) TO FIPEG/I-CRE 12 DME (NOPT) AND CHAMS INT/CRE VORTAC 16.6 DME (IAF) TO FIPEG/I-CRE 12 DME (NOPT) NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. CRE VORTAC UNUSABLE. 1511031951-1604271951EST.

ORANGEBURG

Orangeburg Muni

FDC 5/7905 OGB ODP ORANGEBURG MUNI, ORANGEBURG, SC. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3A...NOTE: RWY 35, POWER POLE 3374 FT FROM DER, 662 FT RIGHT OF CENTERLINE, 97 FT AGL/296 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1508241932-1602201932EST.

ROCK HILL

Rock Hill/York Co/Bryant Field

FDC 5/6584 UZA STAR ROCK HILL/YORK CO/BRYANT FIELD, ROCK HILL, SC SHINE SIX ARRIVAL PROCEDURE NOT AUTHORIZED 1510150400-PERM.

SALUDA

Saluda County

FDC 5/4040 6J4 IAP SALUDA COUNTY, SALUDA, SC. RNAV (GPS) RWY 1, ORIG...CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE 3.00 / TCH 32). CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 1, ORIG-A. 1510281242-PERM.

SUMMERVILLE

Summerville

FDC 5/7775 DYB IAP SUMMERVILLE, SUMMERVILLE, SC. RNAV (GPS) RWY 6, ORIG-A...LPV DA NA. LNAV/VNAV DA NA. LNAV MDA NA. 1508051849-1602011849EST.

WALTERBORO

Lowcountry Rgnl

FDC 5/5069 RBW IAP LOWCOUNTRY RGNL, WALTERBORO, SC. RNAV (GPS) RWY 17, ORIG...RNAV (GPS) RWY 35, ORIG...DISREGARD NOTE: "WHEN VGSI INOP, CIRCLING RWY 5 NA AT NIGHT.. 1509031807-1603011807EST.

FDC 5/2138 RBW IAP LOWCOUNTRY RGNL, WALTERBORO, SC. ILS OR LOC/DME RWY 23, AMDT 1B...MISSED APPROACH: CLIMB TO 1100 THEN CLIMBING RIGHT TURN TO 2100 DIRECT LAMKE AND HOLD (GPS REQUIRED). 1506221239-1512191239EST.

SOUTH DAKOTA

BRITTON

Britton Muni

FDC 5/2727 BTN IAP BRITTON MUNI, BRITTON, SD. RNAV (GPS) RWY 31, AMDT 1A...DISREGARD NOTE: PROCEDURE NA AT NIGHT. NOTE: CIRCLING NA TO RWYS 1 AND 19. 1510261752-1604231752EST.

FDC 5/2726 BTN IAP BRITTON MUNI, BRITTON, SD. RNAV (GPS) RWY 13, AMDT 1A...DISREGARD NOTE: PROCEDURE NA AT NIGHT. LNAV MDA 1820/HAT 504 ALL CATS. NOTE: CIRCLING NA TO RWYS 1 AND 19. 1510261752-1604231752EST.

CHAMBERLAIN

Chamberlain Muni

FDC 5/5377 9V9 IAP CHAMBERLAIN MUNI, CHAMBERLAIN, SD. RNAV (GPS) RWY 13, ORIG...RNAV (GPS) RWY 31, ORIG...DESCENT ANGLE 3.05/TCH 40 NA. 1505212022-1512172022EST.

MADISON

Madison Muni

FDC 5/5742 MDS IAP MADISON MUNI, MADISON, SD. RNAV (GPS) RWY 33, ORIG-A...LPV DA NA. LNAV/VNAV DA NA. 1509050511-1604040511EST.

MITCHELL

Mitchell Muni

FDC 5/9493 MHE IAP MITCHELL MUNI, MITCHELL, SD. VOR RWY 30, AMDT 5...RORFE FIX MINIMUMS: S-30 MDA 1760/HAT 456 ALL CATS. VIS CAT C 3/4. CIRCLING CAT A MDA 1760/HAA 456. 1508071727-1603031727EST.

FDC 5/9489 MHE IAP MITCHELL MUNI, MITCHELL, SD. ILS OR LOC RWY 30, ORIG-A...S-ILS 30 DA 1554/HAT 250 ALL CATS. 1508071724-1603031724EST.

FDC 5/4122 MHE IAP MITCHELL MUNI, MITCHELL, SD. ILS OR LOC RWY 30, ORIG-A...CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE 3.00 / TCH 61). 1510281433-1604251433EST.

RAPID CITY

Rapid City Rgnl

FDC 5/5748 RAP IAP RAPID CITY RGNL, RAPID CITY, SD. RNAV (GPS) RWY 23, ORIG-A...RNAV (GPS) RWY 5, ORIG-A...VOR OR TACAN RWY 14, ORIG-F...VOR OR TACAN RWY 32, AMDT 24G...NOTE: NIGHT LANDING RWY 5 NA. 1509050518-1604040518EST.

FDC 5/3302 RAP IAP RAPID CITY RGNL, RAPID CITY, SD. ILS OR LOC RWY 32, AMDT 20...S-LOC 32: DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, RANCH (RA) LOM OUT OF SERVICE. 1510271433-1604241432EST.

SPEARFISH

Black Hills-Clyde Ice Field

FDC 5/5505 SPF IAP BLACK HILLS-CLYDE ICE FIELD, SPEARFISH, SD. RNAV (GPS) RWY 13, ORIG-C...LNAV MDA 5460/HAT 1565 ALL CATS, VISIBILITY CAT B 1 1/2, CAT C 3. CIRCLING MDA 5460/HAA 1527 ALL CATS, VISIBILITY CAT C 3. VDP 4.70 NM TO RWY 31. 1505011514-1511271514EST.

FDC 5/3974 SPF ODP BLACK HILLS-CLYDE ICE FIELD, SPEARFISH, SD. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...DEPARTURE PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, SPF NDB OUT OF SERVICE. 1507130417-1602090416EST.

WATERTOWN

Watertown Rgnl

FDC 5/5414 ATY IAP WATERTOWN RGNL, WATERTOWN, SD. VOR OR TACAN RWY 17, AMDT 17...TACAN PORTION NA, ATY TACAN AZIMUTH OUT OF SERVICE. 1509041343-1603021343EST.

FDC 5/5412 ATY IAP WATERTOWN RGNL, WATERTOWN, SD. VOR/DME OR TACAN RWY 35, AMDT 11B...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ATY TACAN AZIMUTH OUT OF SERVICE. 1509041342-1603021342EST.

WINNER

Winner Rgnl

FDC 5/9016 ICR IAP WINNER RGNL, WINNER, SD. RNAV (GPS) RWY 31, ORIG-A...LPV DA NA. LNAV/VNAV DA NA. LNAV MDA NA. 1506161318-1601131318EST.

FDC 5/5762 ICR ODP WINNER RGNL, WINNER, SD. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3...TAKE-OFF MINIMUMS: RWY 13, NA. ALL OTHER DATA REMAINS AS PUBLISHED. 1505040236-1511300236EST.

FDC 5/4161 ICR IAP WINNER RGNL, WINNER, SD. RNAV (GPS) RWY 13, ORIG-A...RNAV (GPS) RWY 31, ORIG-A...PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. 1507131419-1602091419EST.

TENNESSEE

BRISTOL/JOHNSON/KINGSPORT

Tri-Cities Rgnl Tn/Va

FDC 5/9281 TRI IAP TRI-CITIES RGNL TN/VA, BRISTOL/JOHNSON/KINGSPORT, TN. RNAV (GPS) RWY 9, ORIG-A...DISREGARD NOTES: STRAIGHT-IN MINIMUMS NA AT NIGHT. CIRCLING TO RWY 9 NA AT NIGHT. WHEN VGSI INOPERATIVE, CIRCLING TO RWY 27 NA AT NIGHT. NOTE: NIGHT LANDING: RWY 9, 27 NA AT NIGHT. CHANGE HELICOPTER RESTRICTION NOTE TO READ: VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.. 1509111443-1603091443EST.

FDC 5/9271 TRI IAP TRI-CITIES RGNL TN/VA, BRISTOL/JOHNSON/KINGSPORT, TN. RNAV (GPS) RWY 27, ORIG...DISREGARD NOTE: WHEN VGSI INOPERATIVE, CIRCLING TO RWY 27 NA AT NIGHT. CIRCLING TO RWY 9 NA AT NIGHT. STRAIGHT-IN MINIMUMS NA AT NIGHT. NOTE: NIGHT LANDING: RWY 9, 27 NA AT NIGHT. CHANGE HELICOPTER RESTRICTION NOTE TO READ: VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.. 1509111438-1603091438EST.

FDC 5/7417 TRI IAP TRI-CITIES RGNL TN/VA, BRISTOL/JOHNSON/KINGSPORT, TN. ILS OR LOC RWY 5, AMDT 3A...CIRCLING CAT C/D MDA 2180/HAA 661. THIS IS ILS OR LOC RWY 5, AMDT 3B. 1509091736-PERM.

FDC 5/7392 TRI IAP TRI-CITIES RGNL TN/VA, BRISTOL/JOHNSON/KINGSPORT, TN. RNAV (GPS) RWY 23, AMDT 1A...CIRCLING C/D MDA 2180/HAA 661. THIS IS RNAV (GPS) RWY 23, AMDT 1B. 1509091709-PERM.

FDC 5/0722 TRI ODP TRI-CITIES RGNL TN/VA, BRISTOL/JOHNSON/KINGSPORT, TN. TRICITIES ONE DEPARTURE...TAKEOFF MINIMUMS: RWY 9, 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 216 FT PER NM TO 1800, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1600 FT PRIOR TO DER. RWY 23, 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 367 FT PER NM TO 1800. RWY 27, 400-2 1/4. ALL OTHER DATA REMAINS AS PUBLISHED. 1509151455-1603131455EST.

CENTERVILLE

Centerville Muni

FDC 5/3414 GHM IAP CENTERVILLE MUNI, CENTERVILLE, TN. VOR RWY 2, AMDT 6...VOR/DME OR GPS RWY 2, AMDT 2...NOTE: PROCEDURE NA AT NIGHT. 1509181546-1603161546EST.

FDC 5/2407 GHM IAP CENTERVILLE MUNI, CENTERVILLE, TN. VOR/DME OR GPS RWY 2, AMDT 2...VOR/DME PORTION NA, GHM VORTAC OUT OF SERVICE. 1510261239-1604231239EST.

FDC 5/0298 GHM IAP CENTERVILLE MUNI, CENTERVILLE, TN. VOR RWY 2, AMDT 6...PROCEDURE NA, GHM VORTAC OUT OF SERVICE. 1509141742-1603121742EST.

COLUMBIA/MOUNT PLEASANT

Maury County

FDC 5/6634 MRC ODP MAURY COUNTY, COLUMBIA/MOUNT PLEASANT, TN. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3...DEPARTURE PROCEDURE : TAKEOFF MINIMUMS: RWY 6, 400-1 1/2 OR STANDARD WITH A MINIMUM CLIMB OF 293 FEET PER NM TO 1100. ALL OTHER DATA REMAINS AS PUBLISHED. 1509251834-1605131834EST.

FDC 5/1373 MRC IAP MAURY COUNTY, COLUMBIA/MOUNT PLEASANT, TN. RNAV (GPS) RWY 24, ORIG...LNAV MDA 1220/HAT 539 ALL CATS. CHANGE VDP FROM *1.5 TO *1.6 NM TO RW24. 1510221713-1606011708EST.

FDC 5/0633 MRC IAP MAURY COUNTY, COLUMBIA/MOUNT PLEASANT, TN. VOR/DME-A, AMDT 4...CIRCLING ALL CATS MDA 1420/HAA 739. 1511101248-1605081247EST.

COPPERHILL

Copper Basin Medical Center

FDC 2/1141 23TN FI/T SPECIAL COPPER BASIN MEDICAL CENTER HELIPORT, COPPER HILL, TN. (SPECIAL) COPTER RNAV (GPS) 330, ORIG.MISSED APPROACH: CLIMB TO 6400 DIRECT EPYAP WP AND HOLD.

CROSSVILLE

Crossville Memorial-Whitson Field

FDC 5/2025 CSV IAP CROSSVILLE MEMORIAL-WHITSON FIELD, CROSSVILLE, TN. ILS Y OR LOC Y RWY 26, ORIG-A...MISSED APPROACH: CLIMB TO 3000 THEN CLIMBING LEFT TURN TO 5000 DIRECT HCH VORTAC AND HOLD. (GPS REQUIRED), HCH VORTAC OUT OF SERVICE. 1511121550-1605101550EST.

DAYTON

Mark Anton

FDC 5/5064 2A0 IAP MARK ANTON, DAYTON, TN. NDB RWY 3, AMDT 2...RADAR REQUIRED FOR PROCEDURE ENTRY EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, HCH VOR OUT OF SERVICE. 1506090448-1507090448EST.

FDC 5/2022 2A0 IAP MARK ANTON, DAYTON, TN. NDB RWY 3, AMDT 2...RADAR REQUIRED FOR PROCEDURE ENTRY EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, HCH VORTAC OUT OF SERVICE. 1511121550-1605101550EST.

DICKSON

Dickson Muni

FDC 5/9063 M02 IAP DICKSON MUNI, DICKSON, TN. RNAV (GPS) RWY 17, AMDT 1A...VISUAL DESCENT ANGLE 3.04/40 TCH NOT AUTHORIZED.. 1509111255-1603091255EST.

FDC 5/8296 M02 IAP DICKSON MUNI, DICKSON, TN. NDB RWY 17, AMDT 2C...RNAV (GPS) RWY 17, AMDT 1A...VOR/DME RWY 17, AMDT 4D...DISREGARD NOTE: PROCEDURE NA AT NIGHT. 1508251422-1602211420EST.

FDC 5/4696 M02 IAP DICKSON MUNI, DICKSON, TN. NDB RWY 17, AMDT 2C...DELETE NOTE: PROCEDURE NA AT NIGHT. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS NDB RWY 17, AMDT 2D. 1509231240-PERM.

FDC 5/4695 M02 IAP DICKSON MUNI, DICKSON, TN. VOR/DME RWY 17, AMDT 4D...DELETE NOTE: PROCEDURE NA AT NIGHT. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS VOR/DME RWY 17, AMDT 4E. 1509231237-PERM.

DUNLAP

Sequatchie County

FDC 1/3239 18TN FI/T IAP NORTH VALLEY MEDICAL CENTER HELIPORT, DUNLAP, TN. (SPECIAL) COPTER RNAV (GPS) 221 ORIG MISSED APPROACH: CLIMBING LEFT TURN TO 4000 DIRECT TO ENOGY WP AND HOLD.

DYERSBURG

Dyersburg Rgnl

FDC 5/8415 DYR IAP DYERSBURG RGNL, DYERSBURG, TN. VOR-A, AMDT 18...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1509301547-1603281547EST.

FDC 5/0797 DYR IAP DYERSBURG RGNL, DYERSBURG, TN. VOR/DME RWY 4, AMDT 4...PROCEDURE NA. 1510051437-1604021437EST.

HARRIMAN

Roane Medical Center

FDC 2/1184 TN19 FI/T SPECIAL ROANE MEDICAL CENTER, HARRIMAN, TN. (SPECIAL) COPTER RNAV (GPS) 264, ORIG.MDA 1360/HAS 260 SURFACE ELEVATION 1100 MSL.

HUMBOLDT

Humboldt Muni

FDC 5/1205 M53 IAP HUMBOLDT MUNI, HUMBOLDT, TN. VOR/DME-A, AMDT 5A...PROCEDURE NA, DYR R-118 UNUSABLE. 1511102117-1512102117EST.

JACKSON

Mc Kellar-Sipes Rgnl

FDC 5/1732 MKL IAP MC KELLAR-SIPES RGNL, JACKSON, TN. ILS OR LOC RWY 2, AMDT 8A...ADD NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 1100. 1510061803-1605131803EST.

FDC 5/1463 MKL IAP MC KELLAR-SIPES RGNL, JACKSON, TN. RNAV (GPS) RWY 2, ORIG...NOTE: NIGHT LANDING: RWY 29 NA. 1506191733-1512161733EST.

FDC 5/1461 MKL IAP MC KELLAR-SIPES RGNL, JACKSON, TN. ILS OR LOC RWY 2, AMDT 8A...NOTE: NIGHT LANDING: RWY 29 NA. 1506191731-1512161730EST.

FDC 5/1459 MKL IAP MC KELLAR-SIPES RGNL, JACKSON, TN. RNAV (GPS) RWY 20, ORIG...NOTE: NIGHT LANDING: RWY 29 NA. CHANGE HELICOPTER RESTRICTION NOTE TO READ: VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1506191729-1512161727EST.

FDC 5/1457 MKL IAP MC KELLAR-SIPES RGNL, JACKSON, TN. VOR RWY 2, AMDT 13...NOTE: NIGHT LANDING: RWY 29 NA. 1506191726-1512161725EST.

JASPER

Marion County-Brown Field

FDC 5/1100 APT IAP MARION COUNTY-BROWN FIELD, JASPER, TN. RNAV (GPS) RWY 4, ORIG-A...DESCENT ANGLE 3.07/TCH 40 NA. VDP NA. NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1510051903-1605161903EST.

KNOXVILLE

Mc Ghee Tyson

FDC 5/7766 TYS ODP MC GHEE TYSON, KNOXVILLE, TN. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 7...RWY 5L, 23R: NA. ALL OTHER DATA REMAINS AS PUBLISHED. 1509292013-1603272013EST.

FDC 5/7765 TYS IAP MC GHEE TYSON, KNOXVILLE, TN. RNAV (GPS) RWY 23R, AMDT 2...VOR RWY 23R, AMDT 7...ILS OR LOC RWY 23R, AMDT 13...ILS RWY 23R (SA CAT I), AMDT 13...ILS RWY 23R (CAT II), AMDT 13...ILS OR LOC RWY 5L, AMDT 9...RNAV (GPS) RWY 5L, AMDT 2...PROCEDURE NA 1509292013-1603272013EST.

FDC 5/7764 TYS IAP U.S. DOD MC GHEE TYSON, KNOXVILLE, TN. HI ILS OR LOC RWY 23R, AMDT 5...HI ILS OR LOC RWY 5L, AMDT 5...HI VOR/DME OR TACAN RWY 23R, AMDT 3...HI VOR/DME OR TACAN RWY 5L, AMDT 3...PROCEDURE NA. 1509292013-1603272013EST.

FDC 5/5062 TYS IAP MC GHEE TYSON, KNOXVILLE, TN. ILS OR LOC RWY 23R, AMDT 12...VOR RWY 23L, AMDT 5...VOR RWY 23R, AMDT 7...ILS RWY 23R (SA CAT I) AMDT 12...ILS RWY 23R (CAT II) AMDT 12...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, HCH VOR OUT OF SERVICE. 1506090448-1507090448EST.

FDC 5/2026 TYS IAP MC GHEE TYSON, KNOXVILLE, TN. ILS OR LOC RWY 23R, AMDT 13...VOR RWY 23L, AMDT 5...VOR RWY 23R, AMDT 7...ILS RWY 23R (SA CAT I), AMDT 13...ILS RWY 23R (CAT II), AMDT 13...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, HCH VORTAC OUT OF SERVICE. 1511121550-1605101550EST.

MEMPHIS

General Dewitt Spain

FDC 5/6352 M01 ODP GENERAL DEWITT SPAIN, MEMPHIS, TN. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 4...NOTE: RWY 17, TEMPORARY CRANE 2707 FT FROM DER, 487 FT LEFT OF CENTERLINE, 120FT AGL/330FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1508201848-1602161848EST.

Memphis Intl

FDC 5/8578 MEM STAR MEMPHIS INTL, MEMPHIS, TN. BRBBQ ONE ARRIVAL...CHANGE DEPICTED RIGHT HAND HOLDING AT WHOLL TO BE LEFT HAND HOLDING. 1504161645-PERM.

FDC 5/5877 MEM STAR MEMPHIS INTL, MEMPHIS, TN WLDER EIGHT ARRIVAL...BOWLING GREEN TRANSITION (BWG.WLDER8): NA. 1502231700-1604031600EST.

FDC 5/0530 MEM IAP MEMPHIS INTL, MEMPHIS, TN. RNAV (RNP) X RWY 18R, ORIG-D...PROCEDURE NA. 1509151207-1604261206EST.

MILLINGTON

Millington Rgnl Jetport

FDC 5/1725 NQA IAP MILLINGTON RGNL JETPORT, MILLINGTON, TN. VOR/DME OR TACAN RWY 22, AMDT 2A...NOTE: NIGHT LANDING: RWY 22 NA.. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.. 1510231150-1605251150EST.

FDC 5/1121 NQA IAP MILLINGTON RGNL JETPORT, MILLINGTON, TN. RNAV (GPS) RWY 22, AMDT 1A...LPV DA: 716/HAT 396, VIS 3/4 MILE ALL CATS. LNAV MDA 840/HAT 520 ALL CATS. VIS CAT A/B 3/4, CAT C 1, CAT D/E 1 1/4. CIRCLING CAT A/B/C MDA 840 HAA 520. HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. PROCEDURE NA FOR ARRIVAL AT DYR VORTAC ON V140 EASTBOUND. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MEMPHIS ALTIMETER SETTING AND INCREASE ALL DA/MDA 60 FEET, AND INCREASE LPV ALL CATS AND LNAV CAT E AND CIRCLING CAT E VISIBILITY 1/4 MILE. CHANGE FOR INOPERATIVE MALSR NOTE TO READ: FOR INOPERATIVE MALSR, INCREASE LPV DA ALL CATS VISIBILITY TO 1 1/4 MILE, AND LNAV/VNAV AND LNAV CAT E VISIBILITY TO 1 3/4 MILE AND LNAV CAT A/B TO 1 MILE.. NOTE: FOR INOPERATIVE MALSR WHEN USING MEMPHIS ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO 1 1/2 MILE, AND LNAV/VNAV CAT E TO 1 3/4 MILE, AND LNAV CAT A/B TO 1 MILE, AND LNAV CAT E TO 2 MILES. 1510051950-1605161950EST.

MOUNTAIN CITY

Johnson County

FDC 5/7430 6A4 IAP JOHNSON COUNTY, MOUNTAIN CITY, TN. RNAV (GPS) RWY 24, ORIG...DESCENT ANGLE 3.42/TCH 40 NA. 1509291220-1604151219EST.

FDC 5/7428 6A4 IAP JOHNSON COUNTY, MOUNTAIN CITY, TN. RNAV (GPS) RWY 6, ORIG...DESCENT ANGLE 3.05/TCH 40 NA. 1509291218-1604151218EST.

MURFREESBORO

Murfreesboro Muni

FDC 5/7443 MBT IAP MURFREESBORO MUNI, MURFREESBORO, TN. NDB RWY 18, AMDT 1B...DELETE NOTE: PROCEDURE NA AT NIGHT. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS NDB RWY 18, AMDT 1C. 1511031849-PERM.

NASHVILLE

Nashville Intl

FDC 5/9736 BNA IAP NASHVILLE INTL, NASHVILLE, TN. ILS OR LOC/DME RWY 2R, AMDT 8A...ILS RWY 2R (SA CAT I), AMDT 8A...ILS RWY 2R, (CAT II AND III), AMDT 8A...VOR/DME RWY 13, AMDT 13C...THE BWG 161 RADIAL MAY NOT BE USED TO IDENTIFY THE LENON FIX ON THE PUBLISHED MISSED APPROACH HOLDING PATTERN 1508261852-1602221852EST.

FDC 5/5889 BNA STAR NASHVILLE INTL,
NASHVILLE, TN GUITR FIVE ARRIVAL...YOCKY
TRANSITION: RNAV REQUIRED BELOW FL230.
1502231700-1604031600EST.

FDC 5/5888 BNA STAR NASHVILLE INTL,
NASHVILLE, TN HEHAW SIX ARRIVAL...NA EXCEPT
FOR RNAV EQUIPPED AIRCRAFT.
1502231700-1604031600EST.

FDC 5/5554 BNA SPECIAL NASHVILLE INTL,
NASHVILLE, TN. HEHAW SIX ARRIVAL...MINIMUM
ALTITUDE AT GRNIN INT 11000. TERMINAL ROUTE
MYS VOR TO GRNIN INT MINIMUM ALTITUDE
11000. 1509041909-1603021908EST.

FDC 5/1773 BNA IAP NASHVILLE INTL, NASHVILLE,
TN. ILS OR LOC RWY 20R, AMDT 10C...ILS OR LOC
RWY 2L, AMDT 10A...ILS OR LOC RWY 31, AMDT
9A...DME REQUIRED EXCEPT FOR AIRCRAFT
EQUIPPED WITH SUITABLE RNAV SYSTEM WITH
GPS, GHM VORTAC OUT OF SERVICE.
1510061828-1605131828EST.

NEWPORT

Cocke County Baptist Hospital

FDC 2/9784 26TN FI/T ODP COCKE COUNTY
BAPTIST HOSPITAL HELIPORT, NEWPORT, TN.
(SPECIAL) RNAV (GPS) 008 DEPARTURE,
ORIG.CHANGE VISUAL SEGMENT MINIMUM
ALTITUDE NOTE TO READ: CLIMB AT MINIMUM 245
FT/NM TO CROSS WAKUR WP AT OR ABOVE 1880
FEET PRIOR TO ENTERING IMC.

FDC 2/9783 26TN FI/T IAP COCKE COUNTY BAPTIST
HOSPITAL HELIPORT, NEWPORT, TN. (SPECIAL)
COPTER RNAV (GPS) 188, ORIG.H-188 MDA 1880/HAS
580. CHANGE MISSED APPROACH TO READ:
CLIMBING LEFT TURN TO 4900 DIRECT ZILOL WP
AND HOLD.

PARIS

Henry County

FDC 5/7792 PHT IAP HENRY COUNTY, PARIS, TN.
RNAV (GPS) RWY 20, AMDT 1...CHANGE
HELICOPTER RESTRICTION NOTE TO READ:
VISIBILITY REDUCTION BELOW 1 SM NOT
AUTHORIZED.. 1508241712-1602201712EST.

PIKEVILLE

Bledsoe County Hospital

FDC 5/8534 29TN SPECIAL BLEDSOE COUNTY
HOSPITAL, PIKEVILLE, TN. COPTER RNAV 245,
ORIG...MISSED APPROACH: CLIMBING LEFT TURN
TO 4600 DIRECT AKOYU WP AND HOLD.
1509301726-1603281726EST.

PORTLAND

Portland Muni

FDC 5/3046 1M5 IAP PORTLAND MUNI, PORTLAND,
TN. RNAV (GPS) RWY 19, ORIG...NOTE: HELICOPTER
VISIBILITY REDUCTION BELOW 3/4 SM NOT
AUTHORIZED. 1507091741-1601051741EST.

FDC 5/1346 1M5 IAP PORTLAND MUNI, PORTLAND,
TN. VOR/DME RWY 19, AMDT 3A...CHANGE NOTE
TO READ: WHEN LOCAL ALTIMETER SETTING NOT
RECEIVED, USE BOWLING GREEN ALTIMETER
SETTING AND INCREASE ALL MDA 100 FEET.
INCREASE S-19 CAT C AND CIRCLING CAT C
VISIBILITY 1/2 MILE, AND INCREASE S-19 CAT D
AND CIRCLING CAT D VISIBILITY 1/4 MILE.
1506191358-1512161358EST.

FDC 5/0523 1M5 IAP PORTLAND MUNI, PORTLAND,
TN. VOR/DME RWY 19, AMDT 3A...PROCEDURE NA.
1511092127-1605072127EST.

ROCKWOOD

Rockwood Muni

FDC 5/3508 RKW IAP ROCKWOOD MUNI,
ROCKWOOD, TN. RNAV (GPS) RWY 4, ORIG...LPV DA
1914 ALL CATS. LNAV/VNAV DA 1914 ALL CATS.
LNAV HAT 436 ALL CATS. CHART TDZE 1664 DELETE
THRE 1659. THIS IS RNAV (GPS) RWY 4 ORIG-A.
1509181735-PERM.

FDC 5/3505 RKW IAP ROCKWOOD MUNI,
ROCKWOOD, TN. RNAV (GPS) RWY 22, AMDT 1...LPV
DA 1912 ALL CATS. LNAV/VNAV DA 1936 ALL CATS.
LNAV HAT 318 ALL CATS. CHART TDZE 1662 DELETE
THRE 1630. THIS IS RNAV (GPS) RWY 22, AMDT 1A.
1509181734-PERM.

SEVIERVILLE

Gatlinburg-Pigeon Forge

FDC 5/6636 GKT ODP GATLINBURG-PIGEON FORGE,
SEVIERVILLE, TN. TAKEOFF MINIMUMS AND
(OBSTACLE) DEPARTURE PROCEDURES AMDT
4...DEPARTURE PROCEDURE : TAKEOFF MINIMUMS:
RWY 10, STANDARD WITH MINIMUM CLIMB OF 320
FT PER NM TO 2300. ALL OTHER DATA REMAINS AS
PUBLISHED. 1509251836-1605131836EST.

SMITHVILLE

Dekalb Community Hospital

FDC 2/6557 35TN FI/T SPECIAL DEKALB BAPTIST
HOSPITAL HELIPORT, SMITHVILLE, TN. (SPECIAL)
COPTER RNAV (GPS) 198, ORIG.PROCEDURE NA AT
NIGHT.

SMYRNA

Smyrna

FDC 5/1268 MQY IAP SMYRNA, SMYRNA, TN. RNAV (GPS) RWY 19, ORIG-A...DELETE NOTE: NIGHT LANDING: RWY 19 NA. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 19, ORIG-B. 1510221514-PERM.

SPARTA

Upper Cumberland Rgnl

FDC 5/8749 SRB IAP UPPER CUMBERLAND RGNL, SPARTA, TN. RNAV (GPS) RWY 22, ORIG-B...CHANGE LNAV/VNAV HIGH/LOW BARO-VNAV TEMPERATURE NOTE TO READ: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 54C (130F).. 1508061638-1602021638EST.

FDC 5/7647 SRB IAP UPPER CUMBERLAND RGNL, SPARTA, TN. RNAV (GPS) RWY 4, ORIG-B...LPV DA 1238/HAT 217 ALL CATS. CHANGE BACKUP ALTIMETER NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CROSSVILLE ALTIMETER SETTING AND INCREASE LPV DA TO 1410 AND ALL CATS VISIBILITY 1/2 MILE. INCREASE LNAV/VNAV DA TO 1568 AND ALL CATS VISIBILITY 3/4 MILE. INCREASE CIRCLING CAT C/D VISIBILITY 1/4 MILE. CHANGE LNAV/VNAV HIGH/LOW TEMPERATURE NOTE TO READ: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 54C (130F). 1508241447-1602201447EST.

FDC 5/5345 SRB IAP UPPER CUMBERLAND RGNL, SPARTA, TN. ILS OR LOC RWY 4, AMDT 1A...RADAR REQUIRED FOR PROCEDURE ENTRY EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, HEM NDB OUT OF SERVICE. 1510131552-1604101552EST.

SPRINGFIELD

Springfield Robertson County

FDC 5/8614 M91 IAP SPRINGFIELD ROBERTSON COUNTY, SPRINGFIELD, TN. RNAV (GPS) RWY 22, AMDT 1A...DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 4 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 22 PROCEDURE NA AT NIGHT. CHANGE HELICOPTER RESTRICTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1509101901-1603081901EST.

FDC 5/8610 M91 IAP SPRINGFIELD ROBERTSON COUNTY, SPRINGFIELD, TN. RNAV (GPS) RWY 4, AMDT 1A...DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 22 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 4 PROCEDURE NA AT NIGHT. CHANGE HELICOPTER RESTRICTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1509101901-1603081901EST.

FDC 5/8597 M91 IAP SPRINGFIELD ROBERTSON COUNTY, SPRINGFIELD, TN. LOC RWY 4, AMDT 3A...DME REQUIRED. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 22 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 4 PROCEDURE NA AT NIGHT. CHANGE HELICOPTER RESTRICTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THE BWG CROSSING RADIAL 211 MAY NOT BE USED TO IDENTIFY THE HOGPA FIX. 1509101851-1603081851EST.

UNION CITY

Everett-Stewart Rgnl

FDC 5/1200 UCY IAP EVERETT-STEWART RGNL, UNION CITY, TN. VOR/DME-A, AMDT 9...PROCEDURE NA. 1511102108-1605082108EST.

WAVERLY

Humphreys County

FDC 5/8108 0M5 IAP HUMPHREYS COUNTY, WAVERLY, . VOR/DME OR GPS-A, AMDT 2C...VOR/DME PORTION NA, GHM VORTAC OUT OF SERVICE. 1510161733-1605121733EST.

FDC 5/3207 0M5 IAP HUMPHREYS COUNTY, WAVERLY, TN. RNAV (GPS) RWY 3, ORIG...DESCENT ANGLE 3.00/TCH 50 NA. 1510271408-1606071408EST.

WINCHESTER

Southern Tennessee Medical Center

FDC 2/6549 32TN FI/T IAP SOUTHERN TENNESSEE MEDICAL CENTER, WINCHESTER, TN. (SPECIAL) COPTER RNAV 215, ORIG.MISSED APPROACH: CLIMBING LEFT TURN TO 4500 DIRECT ISVIF WP AND HOLD. MINIMUM ALTITUDE AT IAF ISVIF 4500 FT.

Winchester Muni

FDC 5/3337 BGF IAP WINCHESTER MUNI, WINCHESTER, TN. RNAV (GPS) RWY 36, ORIG-A...DELETE NOTE: NIGHT LANDING: RWY 18 NA. CHANGE UNCOMPENSATED BARO-VNAV SYSTEMS NOTE TO READ: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16 C (4 F) OR ABOVE 54 C (130 F). THIS IS RNAV (GPS) RWY 36 ORIG-B. 1509181438-PERM.

FDC 5/3336 BGF IAP WINCHESTER MUNI, WINCHESTER, TN. RNAV (GPS) Z RWY 18, ORIG-A...DELETE NOTE: NIGHT LANDING: RWY 18 NA. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHANGE UNCOMPENSATED BARO-VNAV SYSTEMS NOTE TO READ: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16 C (4 F) OR ABOVE 54 C (130 F). THIS IS RNAV (GPS) Z RWY 18 ORIG-B. 1509181438-PERM.

FDC 5/3335 BGF IAP WINCHESTER MUNI, WINCHESTER, TN. NDB RWY 18, AMDT 6A...DELETE NOTE: NIGHT LANDING: RWY 18 NA. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS NDB RWY 18, AMDT 6B. 1509181438-PERM.

FDC 5/3334 BGF IAP WINCHESTER MUNI, WINCHESTER, TN. RNAV (GPS) Y RWY 18, ORIG-A...DELETE NOTE: NIGHT LANDING: RWY 18 NA. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART VDP AT 1.13 MILES TO RW18. CHART NOTE: VDP NA WHEN USING CHATTANOOGA ALTIMETER SETTING. THIS IS RNAV (GPS) Y RWY 18 ORIG-B. 1509181438-PERM.

TEXAS

ALICE

Alice Intl

FDC 5/4331 ALI IAP ALICE INTL, ALICE, TX. RNAV (GPS) RWY 13, AMDT 1A...RNAV (GPS) RWY 31, AMDT 1E...PROCEDURE NA. 1509221327-1603201327EST.

ANAHUAC

Chambers County

FDC 5/8172 T00 STAR CHAMBERS COUNTY, ANHUAC, TX. BLUBELL THREE ARRIVAL...SNDAY INT DME REQUIRED. (HUB VOR U/S) 1505281315-1606302359EST.

FDC 5/8170 T00 STAR CHAMBERS COUNTY, ANAHUAC, TX. TCHDN TWO ARRIVAL...REVISE ARRIVAL ROUTE DESCRIPTION:...FROM OVER BELLR INT VIA THE IAH R-220.94 (MEA 4000) TO TSHRT INT. EXPECT VECTORS TO FINAL APPROACH COURSE AT OR PRIOR TO TSHRT INT. HUB VOR OUT OF SERVICE 1505281315-1606302359EST.

FDC 5/8169 T00 STAR CHAMBERS COUNTY, ANAHUAC, TX. HUDZY TWO ARRIVAL...REVISE ARRIVAL ROUTE DESCRIPTION:...FROM OVER HUDZY INT ON IAH R-067.44 (MEA 5000) TO CLWSN INT, ON IAH R-067.44 (MEA 4000) TO SWWAA. EXPECT VECTORS TO FINAL APPROACH COURSE AT OR PRIOR TO SWWAA INT. HUB VOR U/S 1505281315-1606302359EST.

FDC 5/7956 T00 IAP CHAMBERS COUNTY, ANAHUAC, TX. RNAV (GPS) RWY 12, ORIG-B...CIRCLING CATS A/B/C MDA 660/HAA 639. VIS CAT C 1/3/4. 1511041556-1605021556EST.

ANGLETON/LAKE JACKSON

Texas Gulf Coast Rgnl

FDC 5/8156 LBX STAR TEXAS GULF COAST RGNL, ANGLTON/LAKE JACKSON, TX. BLUBELL THREE ARRIVAL...SNDAY INT DME REQUIRED. (HUB VOR OUT OF SERVICE) 1505281315-1606302359EST.

FDC 5/8149 LBX STAR TEXAS GULF COAST RGNL, ANGLTON/LAKE JACKSON, TX. TCHDN TWO ARRIVAL...REVISE ARRIVAL ROUTE DESCRIPTION:...FROM OVER BELLR INT VIA THE IAH R-220.94 (MEA 4000) TO TSHRT INT. EXPECT VECTORS TO FINAL APPROACH COURSE AT OR PRIOR TO TSHRT INT. (HUB VOR OUT OF SERVICE) 1505281315-1606302359EST.

FDC 5/8147 LBX STAR TEXAS GULF COAST RGNL, ANGLTON/LAKE JACKSON, TX. HUDZY TWO ARRIVAL...REVISE ARRIVAL ROUTE DESCRIPTION:...FROM OVER HUDZY INT ON IAH R-067.44 (MEA 5000) TO CLWSN INT, ON IAH R-067.44 (MEA 4000) TO SWWAA. EXPECT VECTORS TO FINAL APPROACH COURSE AT OR PRIOR TO SWWAA INT. HUB VOR OUT OF SERVICE 1505281315-1606302359EST.

FDC 5/4724 LBX IAP TEXAS GULF COAST RGNL, ANGLTON/LAKE JACKSON, TX. ILS OR LOC RWY 17, AMDT 5A...RADAR REQUIRED FOR PROCEDURE ENTRY EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, HUB VOR/DME OUT OF SERVICE. 1506081339-1512051338EST.

FDC 5/1515 LBX SID TEXAS GULF COAST RGNL, ANGLTON/LAKE JACKSON, TX. ALEXANDRIA SEVEN DEPARTURE...LUFKIN EIGHT DEPARTURE...NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, LFK VOR OUT OF SERVICE. 1506031456-1511301456EST.

ARLINGTON

Arlington Muni

FDC 5/6479 GKY SID ARLINGTON MUNI, ARLINGTON, TX. HUBBARD EIGHT DEPARTURE...CHANGE PROPS NOTE TO READ: FOR PROPS REQUESTING FL230 AND BELOW. PROPS DEPARTING DFW AND DAL REQUESTING FL 240 AND ABOVE EXPECT THE WYLIE DEPARTURE. PROPS FROM OTHER AIRPORTS REQUESTING FL240 OR ABOVE EXPECT THE DALLAS DEPARTURE. 1506261355-1512231355EST.

ATHENS

Athens Muni

FDC 5/2949 F44 IAP ATHENS MUNI, ATHENS, TX. RNAV (GPS) RWY 35, ORIG...NOTE: NIGHT LANDING: RWY 35 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. NOTE: DESCENT ANGEL 3.04/TCH 47 NA. 1511132049-1605112048EST.

AUSTIN

Austin Executive

FDC 5/0010 EDC STAR AUSTIN EXECUTIVE, AUSTIN, TX. MSTLO ONE RNAV ARRIVAL...ADD NOTE: OHSEE TRANSITION ATC ASSIGNED ONLY. 1503051345-1612310901EST.

Austin-Bergstrom Intl

FDC 5/9855 AUS SID AUSTIN-BERGSTROM INTL, AUSTIN, TX. PALMS ONE DEPARTURE...RADAR REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. CWK R124-R175 UNUSABLE BEYOND 10 NM BELOW 6000 FT. ALL OTHER DATA REMAINS AS PUBLISHED. 1508080113-1603040113EST.

FDC 5/6594 AUS IAP AUSTIN-BERGSTROM INTL, AUSTIN, TX. ILS OR LOC RWY 17L, AMDT 2B...ILS OR LOC RWY 17R, AMDT 4B...ILS OR LOC RWY 35L, AMDT 5B...ILS OR LOC RWY 35R, AMDT 2A...RNAV (GPS) RWY 35R, AMDT 1A...CIRCLING CAT E MDA 1360/HAA 818. VIS CAT E 3. 1508210204-1602170201EST.

FDC 5/6418 AUS IAP AUSTIN-BERGSTROM INTL, AUSTIN, TX. ILS OR LOC RWY 17L, AMDT 2B...ILS OR LOC RWY 17R, AMDT 4B...ILS OR LOC RWY 35L, AMDT 5B...ILS OR LOC RWY 35R, AMDT 2A...CIRCLING CAT E MDA 1400/HAA 858. VIS CAT E 3. 3 TEMPORARY TOWER CRANES, UP TO 1050 MSL, 5.37 NM NW OF AIRPORT. 1508201940-1602161930EST.

FDC 5/6412 AUS IAP AUSTIN-BERGSTROM INTL, AUSTIN, TX. RNAV (GPS) Y RWY 17L, AMDT 1B...LNAV MDA 900/HAT 408 ALL CATS. VIS CAT C/D/E RVR 4000. VDP 1.05 NM TO RW17L. TEMPORARY CRANE, 582 MSL, 1.24 NM NE OF AIRPORT. 1508201927-1602161927EST.

FDC 5/5823 AUS IAP AUSTIN-BERGSTROM INTL, AUSTIN, TX. RNAV (RNP) Z RWY 17R, ORIG...CHANGE SIMULTANEOUS APPROACH NOTE TO READ: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 17L. THIS IS RNAV (RNP) Z RWY 17R ORIG-A. 1508200908-PERM.

FDC 5/5822 AUS IAP AUSTIN-BERGSTROM INTL, AUSTIN, TX. RNAV (RNP) Z RWY 17L, ORIG...CHANGE SIMULTANEOUS APPROACH NOTE TO READ: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 17R. THIS IS RNAV (RNP) Z RWY 17L ORIG-A. 1508200908-PERM.

FDC 5/2972 AUS IAP AUSTIN-BERGSTROM INTL, AUSTIN, TX. ILS OR LOC RWY 17L, AMDT 2B...SIGTE FIX MINIMUMS: S-LOC 17L MDA 900/HAT 408 ALL CATS. VIS CAT C/D/E RVR 4000. VDP AT 2.65 DME; DISTANCE VDP TO THLD 1.05 MILES. TEMPORARY CRANE, 582 MSL, 1.24 NM NE OF AIRPORT. 1509172243-1511302243EST.

FDC 5/2970 AUS SID AUSTIN-BERGSTROM INTL, AUSTIN, TX. AUSTIN FOUR DEPARTURE...BNDIA ONE DEPARTURE (RNAV)...CENTEX FOUR DEPARTURE...DILLO ONE DEPARTURE (RNAV)...ELOEL ONE DEPARTURE (RNAV)...ILEXY ONE DEPARTURE (RNAV)...MUCKY ONE DEPARTURE (RNAV)...PALMS ONE DEPARTURE (RNAV)...SAYBR ONE DEPARTURE (RNAV)...NOTE: RWY 35R, TEMPORARY CRANE, 3295 FT FROM DEPARTURE END OF RWY, 185 FT LEFT OF CENTERLINE, 88 AGL/582 MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1509172243-1511302243EST.

FDC 5/2968 AUS ODP AUSTIN-BERGSTROM INTL, AUSTIN, TX. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...NOTE: RWY 35R, TEMPORARY CRANE, 3295 FT FROM DEPARTURE END OF RWY, 185 FT LEFT OF CENTERLINE, 88 AGL/582 MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1509172243-1511302243EST.

FDC 5/2444 AUS SID AUSTIN-BERGSTROM INTL, AUSTIN, TX. CENTEX FOUR DEPARTURE...NAVYS TRANSITION (CWK4.NAVYS) IS RESTRICTED TO AIRCRAFT DESTINED THE DALLAS/FORT WORTH TERMINAL AREA REQUESTING FL230 OR BELOW. DO NOT FILE THIS TRANSITION IF THESE CONDITIONS ARE NOT MET. CHANGE COLLEGE STATION TRANSITION NOTE TO READ: (FOR AIRCRAFT REQUESTING 9,000 FT MSL TO FL230). 1509010223-1603280323EST.

FDC 5/1101 AUS IAP AUSTIN-BERGSTROM INTL, AUSTIN, TX. ILS OR LOC RWY 35L, AMDT 5B...S-LOC 35L: DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, CREED (BS) LOM OUT OF SERVICE. 1510051904-1604021904EST.

FDC 5/0001 AUS STAR AUSTIN-BERGSTROM INTL, AUSTIN, TX. SEWZY ONE RNAV ARRIVAL...ADD NOTE: OHSEE TRANSITION ATC ASSIGNED ONLY 1503051345-1612310901EST.

FDC 3/2088 AUS STAR AUSTIN-BERGSTROM INTL, AUSTIN, TX. BITER SIX ARRIVAL.HOBBY-TRANSITION N/A 1312181400-1512181400EST.

San Marcos Regional

FDC 5/0006 HYI STAR SAN MARCOS MUNI, SAN MARCOS, TX. MSTLO ONE RNAV ARRIVAL...ADD NOTE: OHSEE TRANSITION ATC ASSIGNED ONLY. 1503051345-1612310901EST.

BAYTOWN

Baytown

FDC 5/8133 HPY STAR BAYTOWN, BAYTOWN, TX. BLUBELL THREE ARRIVAL...SNDAY INT DME REQUIRED. (HUB VOR OUT OF SERVICE) 1505281300-1606302359EST.

FDC 5/8129 HPY STAR BAYTOWN, BAYTOWN, TX. TCHDN TWO ARRIVAL...REVISE ARRIVAL ROUTE DESCRIPTION:...FROM OVER BELLR INT VIA THE IAH R-220.94 (MEA 4000) TO TSHRT INT. EXPECT VECTORS TO FINAL APPROACH COURSE AT OR PRIOR TO TSHRT INT. (HUB VOR OUT OF SERVICE) 1505281300-1606302359EST.

FDC 5/8128 HPY STAR BAYTOWN, BAYTOWN, TX. HUDZY TWO ARRIVAL...REVISE ARRIVAL ROUTE DESCRIPTION:...FROM OVER HUDZY INT ON IAH R-067.44 (MEA 5000) TO CLWSN INT, ON IAH R-067.44 (MEA 4000) TO SWWAA. EXPECT VECTORS TO FINAL APPROACH COURSE AT OR PRIOR TO SWWAA INT. (HUB VOR OUT OF SERVICE) 1505281300-1606302359EST.

Rwj Airpark

FDC 5/8199 54T STAR RWJ AIRPARK, BAYTOWN, TX. BLUBELL THREE ARRIVAL...SNDAY INT DME REQUIRED. HUB VOR U/S 1505281315-1606302359EST.

FDC 5/8195 54T STAR RWJ AIRPARK, BAYTOWN, TX. TCHDN TWO ARRIVAL...REVISE ARRIVAL ROUTE DESCRIPTION:...FROM OVER BELLR INT VIA THE IAH R-220.94 (MEA 4000) TO TSHRT INT. EXPECT VECTORS TO FINAL APPROACH COURSE AT OR PRIOR TO TSHRT INT. HUB VOR OUT OF SERVICE 1505281315-1606302359EST.

FDC 5/8187 54T STAR RWJ AIRPARK, BAYTOWN, TX. HUDZY TWO ARRIVAL...REVISE ARRIVAL ROUTE DESCRIPTION: FROM OVER HUDZY INT ON IAH R-067.44 (MEA 5000) TO CLWSN INT, ON IAH R-067.44 (MEA 4000) TO SWWAA. EXPECT VECTORS TO FINAL APPROACH COURSE AT OR PRIOR TO SWWAA INT. HUB VOR OUT OF SERVICE 1505281315-1606302359EST.

FDC 5/3952 54T IAP RWJ AIRPARK, BAYTOWN, TX. RNAV (GPS) RWY 32, ORIG...DESCENT ANGLE 3.05/TCH 40 NA. 1505201355-1512161354EST.

BEAUMONT

Beaumont Muni

FDC 5/9647 BMT IAP BEAUMONT MUNI, BEAUMONT, TX. RNAV (GPS) RWY 13, ORIG-C...RNAV (GPS) RWY 31, ORIG-C...VOR/DME RWY 13, AMDT 3C...VOR/DME RWY 31, AMDT 4C...NOTE: NIGHT LANDING: RWY 31 NA. 1508261757-1603221756EST.

BEAUMONT/PORT ARTHUR

Jack Brooks Rgnl

FDC 5/2409 BPT IAP JACK BROOKS RGNL, BEAUMONT/PORT ARTHUR, TX. VOR-A, AMDT 6B...VOR-B, AMDT 6B...VOR-C, AMDT 5B...VOR/DME-D, AMDT 2A...PROCEDURE NA. 1509010208-1603280308EST.

BIG SPRING

Big Spring Mc Mahon-Wrinkle

FDC 5/1695 BPG ODP BIG SPRING MC MAHON-WRINKLE, BIG SPRING, TX. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3...TAKEOFF MINIMUMS: RWY 6, 400-1 1/2 OR STD. W/MIN. CLIMB OF 400 PER NM TO 3400. ALL OTHER DATA REMAINS AS PUBLISHED. 1509161627-1604141626EST.

FDC 5/0833 BPG ODP BIG SPRING MC MAHON-WRINKLE, BIG SPRING, TX. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3...TAKE-OFF MINIMUMS RWY 17, 200 - 1 OR STANDARD WITH MINIMUM CLIMB OF 339 FEET PER NM TO 2800. NOTE: RWY 17, DRILLING RIG, 4185 FT FROM DEPARTURE END OF RWY, 1121 FT LEFT OF RWY CENTERLINE, 165 AGL/ 2741 MSL. 2015-ASW-6916-OE. ALL OTHER DATA REMAINS AS PUBLISHED. 1510220900-1511220900EST.

BRECKENRIDGE

Stephens County

FDC 5/8504 BKD IAP STEPHENS COUNTY, BRECKENRIDGE, TX. RNAV (GPS) RWY 35, ORIG-A...NOTE: PROCEDURE NA AT NIGHT. DISREGARD NOTE: CIRCLING TO RWY 4, 13, 22, 31 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 35 PROCEDURE NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 17 NA AT NIGHT. 1510171729-1604141729EST.

FDC 5/8502 BKD IAP STEPHENS COUNTY, BRECKENRIDGE, TX. RNAV (GPS) RWY 17, ORIG-A...NOTE: PROCEDURE NA AT NIGHT. DISREGARD NOTE: CIRCLING TO RWY 4, 13, 22, 31 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP STRAIGHT-IN/CIRCLING RWY 17 PROCEDURE NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 35 NA AT NIGHT. 1510171729-1604141729EST.

BRENHAM

Brenham Muni

FDC 5/8264 11R IAP BRENHAM MUNI, BRENHAM, TX. RNAV (GPS) RWY 16, AMDT 2A...DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 16, AMDT 2B. 1511041954-PERM.

BROWNSVILLE

Brownsville/South Padre Island Intl

FDC 5/8452 BRO IAP BROWNSVILLE/SOUTH PADRE ISLAND INTL, BROWNSVILLE, TX. RNAV (GPS) RWY 13, AMDT 2A...LPV DA NA. 1509301601-1603281601EST.

FDC 5/6294 BRO IAP BROWNSVILLE/SOUTH PADRE ISLAND INTL, BROWNSVILLE, TX. LOC BC RWY 31L, AMDT 11E...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. RADAR REQUIRED FOR PROCEDURE ENTRY EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, BRO VORTAC OUT OF SERVICE. 1511012150-1512012150EST.

FDC 5/6290 BRO IAP BROWNSVILLE/SOUTH PADRE ISLAND INTL, BROWNSVILLE, TX. VOR/DME RNAV OR GPS RWY 35, AMDT 3A...VOR/DME RNAV PORTION NA, BRO VORTAC OUT OF SERVICE. 1511012150-1512012150EST.

BROWNWOOD

Brownwood Rgnl

FDC 5/6174 BWD IAP BROWNWOOD RGNL, BROWNWOOD, TX. RNAV (GPS) RWY 35, AMDT 1...ADD NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. 1510311640-1604281640EST.

FDC 5/2063 BWD IAP BROWNWOOD RGNL, BROWNWOOD, TX. LOC RWY 17, AMDT 4A...VOR RWY 17, AMDT 11A...VOR/DME RWY 35, AMDT 1B...MSA FROM BWD VOR/DME 25 NM 3600. 1506221150-1512191150EST.

BRYAN

Coulter Field

FDC 5/1038 CFD IAP COULTER FIELD, BRYAN, TX. RNAV (GPS) RWY 15, AMDT 1A...VOR/DME-A, AMDT 3...CIRCLING CAT A/B MDA 880/HAA 513. DRILLING RIG 493 MSL, 1.52 NM SE OF AIRPORT. 1508111850-1601181850EST.

BURNET

Burnet Muni Kate Craddock Field

FDC 5/6822 BMQ ODP BURNET MUNI KATE CRADDOCK FIELD, BURNET, TX. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...DEPARTURE PROCEDURE: RWY 1: CLIMB HEADING 009.14 TO 1700 BEFORE TURNING LEFT, ALL OTHER DATA REMAINS AS PUBLISHED. 1509081956-1603061956EST.

CAMPBELLTON

74 Ranch

FDC 5/7269 0XA5 SPECIAL 74 RANCH, CAMPBELLTON, TX. RNAV (GPS) RWY 14, ORIG...RNAV (GPS) RWY 32, ORIG...NOTE: PROCEDURE NA AT NIGHT. 1506290136-1601260136EST.

CARTHAGE

Panola County-Sharpe Field

FDC 5/3956 4F2 IAP PANOLA COUNTY-SHARPE FIELD, CARTHAGE, TX. RNAV (GPS) RWY 35, ORIG...DESCENT ANGLE 3.04/TCH 40 NA. 1507130352-1602090351EST.

CASTROVILLE

Castroville Muni

FDC 5/7110 CVB IAP CASTROVILLE MUNI, CASTROVILLE, TX. RNAV (GPS) RWY 16, AMDT 1...LP MDA NA. 1510151221-1604121221EST.

CLEBURNE

Cleburne Rgnl

FDC 5/6501 CPT SID CLEBURNE RGNL, CLEBURNE, TX. GARLAND FIVE DEPARTURE...CHANGE PROPS NOTE TO READ: PROPS DEPARTING DFW AND DAL EXPECT WYLIE OR HUBBARD DEPARTURE. PROPS FROM OTHER AIRPORTS EXPECT THE DALLAS OR HUBBARD DEPARTURE. 1506261356-1512231356EST.

FDC 5/6480 CPT SID CLEBURNE RGNL, CLEBURNE, TX. HUBBARD EIGHT DEPARTURE...CHANGE PROPS NOTE TO READ: FOR PROPS REQUESTING FL230 AND BELOW. PROPS DEPARTING DFW AND DAL REQUESTING FL 240 AND ABOVE EXPECT THE WYLIE DEPARTURE. PROPS FROM OTHER AIRPORTS REQUESTING FL240 OR ABOVE EXPECT THE DALLAS DEPARTURE. 1506261355-1512231355EST.

CLEVELAND

Cleveland Muni

FDC 5/8193 6R3 STAR CLEVELAND MUNI, CLEVELAND, TX. HUDZY TWO ARRIVAL...REVISE ARRIVAL ROUTE DESCRIPTION:...FROM OVER HUDZY INT ON IAH R-067.44 (MEA 5000) TO CLWSN INT, ON IAH R-067.44 (MEA 4000) TO SWWAA. EXPECT VECTORS TO FINAL APPROACH COURSE AT OR PRIOR TO SWWAA INT. HUB VOR OUT OF SERVICE. 1505281320-1606302359EST.

COLLEGE STATION

Easterwood Field

FDC 5/9831 CLL IAP EASTERWOOD FIELD, COLLEGE STATION, TX. RNAV (GPS) RWY 28, AMDT 1...LNAV/VNAV DA 761/HATH 450 ALL CATS. VIS 1 1/2 ALL CATS. LNAV MDA 860/HATH 549 ALL CATS. VIS CATS C/D/E 1 5/8.. 1508080102-1603040102EST.

FDC 5/4717 CLL IAP EASTERWOOD FIELD, COLLEGE STATION, TX. VOR/DME RWY 28, AMDT 13...TERMINAL ROUTE JEPED/CLL 16.00 DME (IAF) CCW TO FEMAB/CLL 16.00 DME (NOPT) NA. CLL VORTAC R-131 CW R-142 SFC-6999 FT UNUSABLE. 1505211256-1512171256EST.

FDC 5/4716 CLL IAP EASTERWOOD FIELD, COLLEGE STATION, TX. ILS OR LOC RWY 34, AMDT 13A...TERMINAL ROUTE JUDDY/CLL 15.00 DME (IAF) CW TO JERBA /I-CLL 13.87 DME (NOPT) NA. TERMINAL ROUTE OSUME/CLL 15.00 DME (IAF) CCW TO JERBA/I-CLL 13.87 DME (NOPT) NA. PLANVIEW NOTE: ADF REQUIRED FOR TERMINAL ROUTE CLL VORTAC TO ROWDY LOM/I-CLL 6.51 DME (IAF). CLL VORTAC R-131 CW R-142 SFC-6999 FT AND R-152 CW R-189 SFC-6999 FT UNUSABLE.. 1505211256-1512171256EST.

FDC 5/4114 CLL IAP EASTERWOOD FIELD, COLLEGE STATION, TX. LOC BC RWY 16, AMDT 7...TERMINAL ROUTE GATLN INT (IAF) TO GOMGE INT NA. 1511171628-1603061627EST.

FDC 5/1733 CLL IAP EASTERWOOD FIELD, COLLEGE STATION, TX. ILS OR LOC RWY 34, AMDT 13A...RNAV (GPS) RWY 10, AMDT 1B...RNAV (GPS) RWY 28, AMDT 1...RNAV (GPS) RWY 34, AMDT 1A...VOR OR TACAN RWY 10, AMDT 19C...VOR/DME RWY 28, AMDT 13...CIRCLING CAT A/B/C MDA 920/HAA 600.. 1510231204-1604201204EST.

FDC 5/1731 CLL IAP EASTERWOOD FIELD, COLLEGE STATION, TX. RNAV (GPS) RWY 16, AMDT 1...LNAV/VNAV DA 763/HAT 443 ALL CATS. VISIBILITY 1 1/2 ALL CATS. LNAV MDA 860/HAT 540 ALL CATS. VISIBILITY CAT C/D/E 1 1/2. CIRCLING CATS A/B/C MDA 920/HAA 600. VDP NA.. 1510231204-1604201204EST.

CORPUS CHRISTI

Corpus Christi Intl

FDC 5/9882 CRP IAP CORPUS CHRISTI INTL, CORPUS CHRISTI, TX. VOR OR TACAN RWY 18, AMDT 28A...S-18 MDA 780/HAT 738 ALL CATS. VIS CAT C/D/E 2. CIRCLING CATS A/B MDA 780/HAA 736. DISREGARD WUNEV DME MINIMUMS. TEMPORARY CRANE, 399 MSL, 3.75 NM NORTH OF AIRPORT. 1507021745-1512291745EST.

CROCKETT

Houston County

FDC 5/3958 DKR IAP HOUSTON COUNTY, CROCKETT, TX. RNAV (GPS) RWY 20, ORIG-B...DESCENT ANGLE 3.00/TCH 35 NA. 1507130354-1602090354EST.

CROSBYTON

Crosbyton Muni

FDC 5/8987 8F3 ODP CROSBYTON MUNI, CROSBYTON, TX. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...NOTE: RWY 35, POLES AND TRANSMISSION LINES BEGINNING 819 FEET FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 35 FEET AGL/3053 FEET MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1510191953-1604161950.

CYPRESS

Dry Creek

FDC 5/5122 TS07 SPECIAL DRY CREEK, CYPRESS, TX. RNAV (GPS) RWY 18, AMDT 2...DESCENT ANGLE 3.00/TCH 40 NA. 1506091103-1601061103EST.

DALLAS

Addison

FDC 5/6481 ADS SID ADDISON, DALLAS, TX. HUBBARD EIGHT DEPARTURE...CHANGE PROPS NOTE TO READ: FOR PROPS REQUESTING FL230 AND BELOW. PROPS DEPARTING DFW AND DAL REQUESTING FL 240 AND ABOVE EXPECT THE WYLIE DEPARTURE. PROPS FROM OTHER AIRPORTS REQUESTING FL240 OR ABOVE EXPECT THE DALLAS DEPARTURE. 1506261355-1512231355EST.

FDC 5/6466 ADS SID ADDISON, DALLAS, TX. DALLAS TWO DEPARTURE...CHANGE PROPS NOTE TO READ: PROPS REQUESTING FL230 AND BELOW EXPECT THE HUBBARD DEPARTURE. PROPS DEPARTING DFW AND DAL REQUESTING FL240 AND ABOVE EXPECT THE WYLIE DEPARTURE. PROPS FROM OTHER AIRPORTS REQUESTING FL240 OR ABOVE EXPECT THE DALLAS DEPARTURE. 1506261354-1512231354EST.

FDC 5/1137 ADS SID ADDISON, DALLAS, TX. DALLAS TWO DEPARTURE...GARLAND FIVE DEPARTURE...HOWIG TWO DEPARTURE (RNAV)...HUBBARD EIGHT DEPARTURE...JOE POOL SEVEN DEPARTURE...KINGDOM NINE DEPARTURE...KUSSO TWO DEPARTURE (RNAV)...LEEAG TWO DEPARTURE (RNAV)...SWABR TWO DEPARTURE (RNAV)...TEXOMA FOUR DEPARTURE...WORTH NINE DEPARTURE...TAKE-OFF MINIMUMS RWY 15, 400 - 2 1/2 OR STANDARD WITH MINIMUM CLIMB OF 374 FT PER NM TO 1100. NOTE: RWY 15, TEMPORARY CRANE, 1500 FT FROM DEPARTURE END OF RWY, 699 FT LEFT OF CENTERLINE, 100 AGL/ 735 MSL. TEMPORARY CRANE, 5423 FT FROM DEPARTURE END OF RWY, 873 FT LEFT OF CENTERLINE, 195 AGL/ 828 MSL. 2014-ASW-581 OE, 2015-ASW-6586-OE. ALL OTHER DATA REMAINS AS PUBLISHED. 1510221426-1604191426EST.

FDC 5/1136 ADS ODP ADDISON, DALLAS, TX. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 6...TAKE-OFF MINIMUMS RWY 15, 400 - 2 1/2 OR STANDARD WITH MINIMUM CLIMB OF 374 FT PER NM TO 1100. NOTE: RWY 15, TEMPORARY CRANE, 1500 FT FROM DEPARTURE END OF RWY, 699 FT LEFT OF CENTERLINE, 100 AGL/ 735 MSL. TEMPORARY CRANE, 5423 FT FROM DEPARTURE END OF RWY, 873 FT LEFT OF CENTERLINE, 195 AGL/ 828 MSL. 2014-ASW-581 OE, 2015-ASW-6586-OE. ALL OTHER DATA REMAINS AS PUBLISHED. 1510221426-1604191426EST.

Dallas Executive

FDC 5/6483 RBD SID DALLAS EXECUTIVE, DALLAS, TX. HUBBARD EIGHT DEPARTURE...CHANGE PROPS NOTE TO READ: FOR PROPS REQUESTING FL230 AND BELOW. PROPS DEPARTING DFW AND DAL REQUESTING FL 240 AND ABOVE EXPECT THE WYLIE DEPARTURE. PROPS FROM OTHER AIRPORTS REQUESTING FL240 OR ABOVE EXPECT THE DALLAS DEPARTURE. 1506261355-1512231355EST.

FDC 5/6468 RBD SID DALLAS EXECUTIVE, DALLAS, TX. DALLAS TWO DEPARTURE...CHANGE PROPS NOTE TO READ: PROPS REQUESTING FL230 AND BELOW EXPECT THE HUBBARD DEPARTURE. PROPS DEPARTING DFW AND DAL REQUESTING FL240 AND ABOVE EXPECT THE WYLIE DEPARTURE. PROPS FROM OTHER AIRPORTS REQUESTING FL240 OR ABOVE EXPECT THE DALLAS DEPARTURE. 1506261354-1512231354EST.

FDC 5/5974 RBD SID DALLAS EXECUTIVE, DALLAS, TX. KUSSO TWO DEPARTURE (RNAV)...SWABR TWO DEPARTURE (RNAV)...CHANGE EXECUTIVE TOWER FREQUENCY FROM 335.6 TO 257.8. 1506252106-151222105EST.

FDC 5/4098 RBD IAP DALLAS EXECUTIVE, DALLAS, TX. RNAV (GPS) RWY 31, ORIG...LPV DA NA. LNAV/VNAV DA NA. LNAV MDA NA. 1507131309-1601091309EST.

FDC 5/4097 RBD IAP DALLAS EXECUTIVE, DALLAS, TX. VOR RWY 31, AMDT 1...S-31 MDA NA. CIRCLING CAT C VISIBILITY 2 MILES. 1507131309-1601091309EST.

FDC 5/4095 RBD ODP DALLAS EXECUTIVE, DALLAS, TX. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 7...NOTE: RWY 13: WINDSOCK 105 FT FROM DEPARTURE END OF RUNWAY, 466 FT LEFT OF CENTERLINE, 30 FT AGL/684 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1507131308-1601091308EST.

FDC 5/0775 RBD IAP DALLAS EXECUTIVE, DALLAS, TX. RNAV (GPS) RWY 31, ORIG...LPV DA NA. LNAV/VNAV DA NA. 1509151552-1604131552EST.

Dallas Love Field

FDC 5/6484 DAL SID DALLAS LOVE FIELD, DALLAS, TX. HUBBARD EIGHT DEPARTURE...CHANGE PROPS NOTE TO READ: FOR PROPS REQUESTING FL230 AND BELOW. PROPS DEPARTING DFW AND DAL REQUESTING FL 240 AND ABOVE EXPECT THE WYLIE DEPARTURE. PROPS FROM OTHER AIRPORTS REQUESTING FL240 OR ABOVE EXPECT THE DALLAS DEPARTURE. 1506261355-1512231355EST.

FDC 5/5915 DAL SID DALLAS LOVE FIELD, DALLAS, TX. COYOTE SEVEN DEPARTURE...PROCEDURAL NOTES/TAKEOFF MINIMUMS NOTE: BOOMR TRANSITION: DME REQUIRED. ALL OTHER DATA REMAINS AS PUBLISHED. 1506252032-1601222032EST.

FDC 5/5340 DAL SID DALLAS LOVE FIELD, DALLAS, TX. VENUS NINE DEPARTURE...CHANGE REGIONAL DEP CON FREQUENCY FROM 118.55 / 290.35 TO 125.125 / 353.95. 1505010400-1511270359EST.

FDC 5/5338 DAL SID DALLAS LOVE FIELD, DALLAS, TX. LOVE THREE DEPARTURE...TUCUMCARI TRANSITION: NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 1505010357-1511270356EST.

FDC 5/5334 DAL SID DALLAS LOVE FIELD, DALLAS, TX. KRUMM FIVE DEPARTURE...LOVE THREE DEPARTURE...TRINITY SEVEN DEPARTURE...TAKE-OFF MINIMUMS: RWY 13L, 18, 31 L/R, 36: NA - NOISE ABATEMENT. RWY 13R: STANDARD WITH MINIMUM CLIMB OF 315 FT PER NM TO 1700. NOTE: RWY 13R, POLES AND FENCES BEGINNING 693 FT FROM DER, 601 FT RIGHT OF CENTERLINE, UP TO 29 FT AGL/ 501 FT MSL. SIGN 779 FT FROM DER, 669 FT LEFT OF CENTERLINE, 30 FT AGL/503 FT MSL. TREES BEGINNING 1122 FT FROM DER, 670 FT LEFT AND RIGHT OF CENTERLINE, UP TO 40 FT AGL/514 FT MSL. SIGN 1424 FT FROM DER, 763 FT LEFT OF CENTERLINE, 45 FT AGL/ 516 FT MSL. ROD ON STAKE 2234 FT FROM DER, 979 FT LEFT OF CENTERLINE, 65 FT AGL/ 537 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1505010351-1511270349EST.

Mckinney National

FDC 5/6482 TKI SID COLLIN COUNTY RGNL AT MC KINNEY, DALLAS, TX. HUBBARD EIGHT DEPARTURE...CHANGE PROPS NOTE TO READ: FOR PROPS REQUESTING FL230 AND BELOW. PROPS DEPARTING DFW AND DAL REQUESTING FL 240 AND ABOVE EXPECT THE WYLIE DEPARTURE. PROPS FROM OTHER AIRPORTS REQUESTING FL240 OR ABOVE EXPECT THE DALLAS DEPARTURE. 1506261355-1512231355EST.

FDC 5/6467 TKI SID COLLIN COUNTY RGNL AT MC KINNEY, DALLAS, TX. DALLAS TWO DEPARTURE...CHANGE PROPS NOTE TO READ: PROPS REQUESTING FL230 AND BELOW EXPECT THE HUBBARD DEPARTURE. PROPS DEPARTING DFW AND DAL REQUESTING FL240 AND ABOVE EXPECT THE WYLIE DEPARTURE. PROPS FROM OTHER AIRPORTS REQUESTING FL240 OR ABOVE EXPECT THE DALLAS DEPARTURE. 1506261354-1512231354EST.

DALLAS-FORT WORTH

Dallas/Fort Worth Intl

FDC 5/8870 DFW SID DALLAS/FORT WORTH INTL, DALLAS-FORT WORTH, TX. NELYN FIVE DEPARTURE (RNAV)...DEPARTURE ROUTE DESCRIPTION TAKEOFF RWYS 31L/R: CLIMB HEADING ASSIGNED BY ATC, EXPECT RADAR VECTORS TO NELYN, MAINTAIN 5000, EXPECT FILED ALTITUDE TEN MINUTES AFTER DEPARTURE. TAKEOFF RWYS 31L/R: TOP ALTITUDE 5000. ALL OTHER DATA REMAINS AS PUBLISHED 1511052019-1605032019EST.

FDC 5/8869 DFW SID DALLAS/FORT WORTH INTL, DALLAS-FORT WORTH, TX. LOWGN SEVEN DEPARTURE (RNAV)...DEPARTURE ROUTE DESCRIPTION TAKEOFF RWYS 31L/R: CLIMB HEADING ASSIGNED BY ATC, EXPECT RADAR VECTORS TO LOWGN, MAINTAIN 5000, EXPECT FILED ALTITUDE TEN MINUTES AFTER DEPARTURE. TAKEOFF RWYS 31L/R: TOP ALTITUDE 5000. ALL OTHER DATA REMAINS AS PUBLISHED 1511052019-1605032019EST.

FDC 5/8863 DFW SID DALLAS/FORT WORTH INTL, DALLAS-FORT WORTH, TX. DARTZ SIX DEPARTURE (RNAV)...DEPARTURE ROUTE DESCRIPTION TAKEOFF RWYS 31L/R: CLIMB HEADING ASSIGNED BY ATC, EXPECT RADAR VECTORS TO DARTZ, MAINTAIN 5000, EXPECT FILED ALTITUDE TEN MINUTES AFTER DEPARTURE. TAKEOFF RWYS 31L/R: TOP ALTITUDE 5000. ALL OTHER DATA REMAINS AS PUBLISHED 1511052019-1605032019EST.

FDC 5/8862 DFW SID DALLAS/FORT WORTH INTL, DALLAS-FORT WORTH, TX. ARDIA SIX DEPARTURE (RNAV)...DEPARTURE ROUTE DESCRIPTION TAKEOFF RWYS 31L/R: CLIMB HEADING ASSIGNED BY ATC, EXPECT RADAR VECTORS TO ARDIA, MAINTAIN 5000, EXPECT FILED ALTITUDE TEN MINUTES AFTER DEPARTURE. TAKEOFF RWYS 31L/R: TOP ALTITUDE 5000. ALL OTHER DATA REMAINS AS PUBLISHED 1511052019-1605032019EST.

FDC 5/8861 DFW SID DALLAS/FORT WORTH INTL, DALLAS-FORT WORTH, TX. AKUNA SIX DEPARTURE (RNAV)...DEPARTURE ROUTE DESCRIPTION TAKEOFF RWYS 31L/R: CLIMB HEADING ASSIGNED BY ATC, EXPECT RADAR VECTORS TO AKUNA, MAINTAIN 5000, EXPECT FILED ALTITUDE TEN MINUTES AFTER DEPARTURE. TAKEOFF RWYS 31L/R: TOP ALTITUDE 5000. ALL OTHER DATA REMAINS AS PUBLISHED 1511052019-1605032019EST.

FDC 5/8860 DFW SID DALLAS/FORT WORTH INTL, DALLAS-FORT WORTH, TX. JASPA FIVE DEPARTURE (RNAV)...DEPARTURE ROUTE DESCRIPTION TAKEOFF RWYS 31L/R: CLIMB HEADING ASSIGNED BY ATC, EXPECT RADAR VECTORS TO JASPA, MAINTAIN 5000, EXPECT FILED ALTITUDE TEN MINUTES AFTER DEPARTURE. TAKEOFF RWYS 31L/R: TOP ALTITUDE 5000. ALL OTHER DATA REMAINS AS PUBLISHED. 1511052019-1605032019EST.

FDC 5/8657 DFW ODP DALLAS/FORT WORTH INTL, DALLAS-FORT WORTH, TX. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 6...TAKE-OFF MINIMUMS RWY 17C, 300 - 3/4 OR STANDARD WITH MINIMUM CLIMB OF 379 FT PER NM TO 800. ALL OTHER DATA REMAINS AS PUBLISHED. 1507220220-1601180220EST.

FDC 5/6943 DFW IAP DALLAS/FORT WORTH INTL, DALLAS-FORT WORTH, TX. VOR RWY 13R, AMDT 1C...VOR RWY 31L, ORIG-C...PROCEDURE NA. 1511022133-1604302133EST.

FDC 5/6485 DFW SID DALLAS/FORT WORTH INTL, DALLAS-FORT WORTH, TX. HUBBARD EIGHT DEPARTURE...CHANGE PROPS NOTE TO READ: FOR PROPS REQUESTING FL230 AND BELOW. PROPS DEPARTING DFW AND DAL REQUESTING FL 240 AND ABOVE EXPECT THE WYLIE DEPARTURE. PROPS FROM OTHER AIRPORTS REQUESTING FL240 OR ABOVE EXPECT THE DALLAS DEPARTURE. 1506261355-1512231355EST.

FDC 5/6470 DFW SID DALLAS/FORT WORTH INTL, DALLAS-FORT WORTH, TX. DALLAS TWO DEPARTURE...CHANGE PROPS NOTE TO READ: PROPS REQUESTING FL230 AND BELOW EXPECT THE HUBBARD DEPARTURE. PROPS DEPARTING DFW AND DAL REQUESTING FL240 AND ABOVE EXPECT THE WYLIE DEPARTURE. PROPS FROM OTHER AIRPORTS REQUESTING FL240 OR ABOVE EXPECT THE DALLAS DEPARTURE. 1506261354-1512231354EST.

FDC 5/5959 DFW SID DALLAS/FORT WORTH INTL, DALLAS-FORT WORTH, TX. COYOTE SEVEN DEPARTURE...DALLAS TWO DEPARTURE...GARLAND FIVE DEPARTURE...HUBBARD EIGHT DEPARTURE...JACKY SEVEN DEPARTURE...JOE POOL SEVEN DEPARTURE...KEENE EIGHT DEPARTURE...KINGDOM NINE DEPARTURE...TEXOMA FOUR DEPARTURE...TRI-GATE EIGHT DEPARTURE...WORTH NINE DEPARTURE...WYLIE SEVEN DEPARTURE...TAKE-OFF MINIMUMS RWY 17C, 300 - 3/4 OR STANDARD WITH MINIMUM CLIMB OF 379 FT PER NM TO 800. ALL OTHER DATA REMAINS AS PUBLISHED. 1506252049-1512222047EST.

FDC 5/5912 DFW SID DALLAS/FORT WORTH INTL, DALLAS-FORT WORTH, TX. COYOTE SEVEN DEPARTURE...PROCEDURAL NOTES/TAKEOFF MINIMUMS NOTE: BOOMR TRANSITION: DME REQUIRED. ALL OTHER DATA REMAINS AS PUBLISHED. 1506252028-1601222028EST.

FDC 5/5342 DFW SID DALLAS/FORT WORTH INTL, DALLAS-FORT WORTH, TX. DARTZ SIX DEPARTURE (RNAV)...CHANGE BILEE TRANSITION NOTE TO READ: FOR AIRCRAFT OVERFLYING BILEE INTERSECTION ON J87 TO OVERFLY TNV VORTAC. CHANGE TORNN TRANSITION NOTE TO READ: FOR AIRCRAFT OVERFLYING TORNN INTERSECTION, THEN ON THE APPROPRIATE RNAV STAR TO GEORGE BUSH INTERCONTINENTAL, LONE STAR EXECUTIVE, OR DAVID WAYNE HOOKS MEMORIAL AIRPORTS. ALSO FOR AIRCRAFT LANDING IN THE LAFAYETTE, LAKE CHARLES, OR BEAUMONT/PORT ARTHUR TERMINAL AREAS. 1505010403-1511270403EST.

FDC 5/4321 DFW SID DALLAS/FORT WORTH INTL, DALLAS-FORT WORTH, TX. KEENE EIGHT DEPARTURE...DEPARTURE PROCEDURE. REGIONAL DEP CON FREQUENCY 135.975 / 379.9. ALL OTHER DATA REMAINS AS PUBLISHED. 1506052024-1512022023EST.

FDC 5/2097 DFW STAR DALLAS/FORT WORTH INTERNATIONAL, DFW AIRPORT, TX YEAGR TWO ARRIVAL REVISE TURBOJETS NOTE TO READ: TURBOJETS: EXPECT TO CROSS YEAGR AT 8000FT 1507081800-1603310925.

FDC 5/0776 DFW SID DALLAS/FORT WORTH INTL, DALLAS-FORT WORTH, TX. KINGDOM NINE DEPARTURE...CHANGE REGIONAL DEP CON NOTE TO: 126.47 363.15 (JETS ONLY). ALL OTHER DATA REMAINS AS PUBLISHED. 1507271614-1601231614EST.

FDC 5/0296 DFW SID DALLAS/FORT WORTH INTL, DALLAS-FORT WORTH, TX. WORTH NINE DEPARTURE...DEPARTURE ROUTE DESCRIPTION: TAKEOFF RWYS 18L/R: CLIMB HEADING 190, THENCE...ALL OTHER DATA REMAINS AS PUBLISHED. 1507051351-1601011351EST.

FDC 5/0294 DFW SID DALLAS/FORT WORTH INTL, DALLAS-FORT WORTH, TX. JOE POOL SEVEN DEPARTURE...TEXOMA FOUR DEPARTURE...DEPARTURE ROUTE DESCRIPTION: TAKEOFF RUNWAYS 18L/R: CLIMB HEADING 190, THENCE...TAKEOFF RUNWAYS 35L/C: CLIMB HEADING 010, THENCE...ALL OTHER DATA REMAINS AS PUBLISHED. 1507051351-1601011351EST.

FDC 5/0293 DFW SID DALLAS/FORT WORTH INTL, DALLAS-FORT WORTH, TX. GARLAND FIVE DEPARTURE...DEPARTURE ROUTE DESCRIPTION: TAKEOFF RUNWAYS 35C/L: CLIMB HEADING 010, EXPECT VECTOR TO APPROPRIATE ROUTE, THENCE...ALL OTHER DATA REMAINS AS PUBLISHED. 1507051351-1601011351EST.

FDC 5/0292 DFW SID DALLAS/FORT WORTH INTL, DALLAS-FORT WORTH, TX. DALLAS TWO DEPARTURE...DEPARTURE ROUTE DESCRIPTION: TAKEOFF RWYS 35L/C: CLIMB HEADING 010, THENCE...ALL OTHER DATA REMAINS AS PUBLISHED. 1507051351-1601011351EST.

DECATUR

Decatur Muni

FDC 5/6486 LUD SID DECATUR MUNI, DECATUR, TX. HUBBARD EIGHT DEPARTURE...CHANGE PROPS NOTE TO READ: FOR PROPS REQUESTING FL230 AND BELOW. PROPS DEPARTING DFW AND DAL REQUESTING FL 240 AND ABOVE EXPECT THE WYLIE DEPARTURE. PROPS FROM OTHER AIRPORTS REQUESTING FL240 OR ABOVE EXPECT THE DALLAS DEPARTURE. 1506261355-1512231355EST.

DEL RIO

Del Rio Intl

FDC 5/9198 DRT IAP DEL RIO INTL, DEL RIO, TX. ILS OR LOC RWY 13, ORIG...CIRCLING CAT A MDA 1460/HAA 458, CAT B MDA 1560/HAA 558, CAT C/D MDA 1740/HAA 738.. 1511061322-1605041322EST.

FDC 5/9197 DRT IAP DEL RIO INTL, DEL RIO, TX. NDB RWY 13, AMDT 1...CIRCLING CAT C/D MDA 1740/HAA 738.. 1511061322-1605041322EST.

FDC 5/9196 DRT IAP DEL RIO INTL, DEL RIO, TX. VOR/DME-B, AMDT 1...CIRCLING CAT C/D MDA 1740/HAA 738.. 1511061322-1605041322EST.

FDC 5/9195 DRT IAP DEL RIO INTL, DEL RIO, TX. RNAV (GPS) RWY 13, AMDT 2...CIRCLING CAT B MDA 1560/HAA 558, CAT C/D MDA 1740/HAA 738.. 1511061322-1605041322EST.

DENTON

Denton Enterprise

FDC 5/6487 DTO SID DENTON MUNI, DENTON, TX. HUBBARD EIGHT DEPARTURE...CHANGE PROPS NOTE TO READ: FOR PROPS REQUESTING FL230 AND BELOW. PROPS DEPARTING DFW AND DAL REQUESTING FL 240 AND ABOVE EXPECT THE WYLIE DEPARTURE. PROPS FROM OTHER AIRPORTS REQUESTING FL240 OR ABOVE EXPECT THE DALLAS DEPARTURE. 1506261355-1512231355EST.

FDC 5/6471 DTO SID DENTON MUNI, DENTON, TX. DALLAS TWO DEPARTURE...CHANGE PROPS NOTE TO READ: PROPS REQUESTING FL230 AND BELOW EXPECT THE HUBBARD DEPARTURE. PROPS DEPARTING DFW AND DAL REQUESTING FL240 AND ABOVE EXPECT THE WYLIE DEPARTURE. PROPS FROM OTHER AIRPORTS REQUESTING FL240 OR ABOVE EXPECT THE DALLAS DEPARTURE. 1506261354-1512231354EST.

EAGLE LAKE

Eagle Lake

FDC 5/8131 ELA IAP EAGLE LAKE, EAGLE LAKE, TX. RNAV (GPS) RWY 17, AMDT 1A...RNAV (GPS) RWY 35, AMDT 1A...VOR RWY 17, AMDT 5...CIRCLING CATS A/B/C MDA 860/HAA 676, VIS CAT C 2. 1511041837-1605021837EST.

EAGLE PASS

Maverick County Memorial Intl

FDC 5/4117 5T9 IAP MAVERICK COUNTY MEMORIAL INTL, EAGLE PASS, TX. RNAV (GPS) RWY 31, ORIG...MSA RW31 25 NM 3000. 1511171631-1605151631EST.

FDC 5/4116 5T9 IAP MAVERICK COUNTY MEMORIAL INTL, EAGLE PASS, TX. RNAV (GPS) RWY 13, ORIG...MSA RW13 25 NM 3000. 1511171631-1605151631EST.

EASTLAND

Eastland Muni

FDC 5/3943 ETN IAP EASTLAND MUNI, EASTLAND, TX. RNAV (GPS) RWY 35, AMDT 2A...NOTE: NIGHT LANDING: RWY 17 NA. DISREGARD NOTE: WHEN VGSI INOPERATIVE, CIRCLING RWY 17 NA AT NIGHT. 1508180330-1603140330EST.

FDC 5/3942 ETN IAP EASTLAND MUNI, EASTLAND, TX. RNAV (GPS) RWY 17, ORIG-B...NOTE: NIGHT LANDING: RWY 17 NA. DISREGARD NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT. 1508180330-1603140330EST.

EL PASO

El Paso Intl

FDC 5/7022 ELP IAP EL PASO INTL, EL PASO, TX. LOC/DME RWY 4, AMDT 3A...RNAV (GPS) RWY 26R, ORIG...RNAV (GPS) X RWY 4, ORIG-C...RNAV (GPS) Y RWY 22, ORIG-D...RNAV (GPS) Y RWY 26L, AMDT 1B...CIRCLING CAT D MDA 4660/HAA 698. VIS CAT D 2 1/4. 2 TEMPORARY CRANES, UP TO 4308 MSL, 3.00NM NE OF AIRPORT. 1508211910-1512161910EST.

FDC 5/4461 ELP IAP EL PASO INTL, EL PASO, TX. RNAV (GPS) X RWY 4, ORIG-C...LNAV MDA 4480/ HAT 557 ALL CATS. VIS CAT C/D 1 5/8. CIRCLING CATS A/B/C MDA 4520/ HAA 558. VIS CAT C 1 5/8. VDP NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. NOTE: NIGHT LANDING: RWY 26R NA. TEMPORARY CRANE 4170FT MSL 1.23NM SW OF AIRPORT. 1505202052-1512162052EST.

FDC 5/2555 ELP IAP EL PASO INTL, EL PASO, TX. RNAV (RNP) Y RWY 4, ORIG-E...RNAV (RNP) Z RWY 4, ORIG-D...RNP 0.20 DA 4352/ HAT 429 ALL CATS. VIS 1 3/8 ALL CATS. RNP 0.30 DA 4376/ HAT 453 ALL CATS. VIS 1 1/2 ALL CATS. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. TEMPORARY CRANE 4170FT MSL 1.23NM SW OF AIRPORT. 1509171555-1603151555EST.

FDC 5/1400 ELP IAP EL PASO INTL, EL PASO, TX. ILS OR LOC RWY 22, AMDT 32C...VOR RWY 26L, AMDT 32A...CIRCLING CAT D MDA 4660/HAA 698, CAT E 4680/HAA 718. VIS CAT D 2 1/2. TEMPORARY CRANES, UP TO 4308 MSL, 3.00NM NE OF AIRPORT. 1506191544-1512161544EST.

FDC 5/1399 ELP IAP EL PASO INTL, EL PASO, TX. RADAR 1, AMDT 15A...ASR 22 MDA 4620/HAT 670 ALL CATS. VIS CATS C/D/E 1 1/2. CIRCLING CAT A/B/C MDA 4620/HAA 658, CAT D 4660/HAA 698, CAT E 4680/HAA 718. VIS CAT D 2 1/4. INOPERATIVE TABLE DOES NOT APPLY TO CATS C/D/E. 2 TEMPORARY CRANES, UP TO 4308 MSL, 3.00NM NE OF AIRPORT. 1506191544-1512161544EST.

FDC 5/1398 ELP IAP U.S. DOD EL PASO INTL, EL PASO, TX. HI VOR/DME OR TACAN RWY 26L, AMDT 4...CIRCLING CAT D MDA 4660/HAA 968, CAT E 4680/HAA 718. VIS CAT D 2 1/4. 2 TEMPORARY CRANES, UP TO 4308 MSL, 3.00NM NE OF AIRPORT. 1506191544-1512161544EST.

ENNIS

Ennis Muni

FDC 5/6510 F41 SID ENNIS MUNI, ENNIS, TX. GARLAND FIVE DEPARTURE...CHANGE PROPS NOTE TO READ: PROPS DEPARTING DFW AND DAL EXPECT WYLIE OR HUBBARD DEPARTURE. PROPS FROM OTHER AIRPORTS EXPECT THE DALLAS OR HUBBARD DEPARTURE. 1506261356-1512231356EST.

FDC 5/6488 F41 SID ENNIS MUNI, ENNIS, TX. HUBBARD EIGHT DEPARTURE...CHANGE PROPS NOTE TO READ: FOR PROPS REQUESTING FL230 AND BELOW. PROPS DEPARTING DFW AND DAL REQUESTING FL 240 AND ABOVE EXPECT THE WYLIE DEPARTURE. PROPS FROM OTHER AIRPORTS REQUESTING FL240 OR ABOVE EXPECT THE DALLAS DEPARTURE. 1506261355-1512231355EST.

FLOYDADA

Floydada Muni

FDC 5/7536 41F IAP FLOYDADA MUNI, FLOYDADA, TX. RNAV (GPS) RWY 35, ORIG...DESCENT ANGLE 3.04/TCH 39 NA. 1507191907-1602151907EST.

FORT WORTH

Bourland Field

FDC 5/3771 50F IAP BOURLAND FIELD, FORT WORTH, TX. VOR/DME-A, ORIG-B...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1510272050-1604242050EST.

FDC 5/3770 50F IAP BOURLAND FIELD, FORT WORTH, TX. RNAV (GPS) RWY 17, ORIG...NOTE: PROCEDURE NA AT NIGHT. 1510272049-1604242049EST.

Fort Worth Alliance

FDC 5/6514 AFW SID FORT WORTH ALLIANCE, FORT WORTH, TX. GARLAND FIVE DEPARTURE...CHANGE PROPS NOTE TO READ: PROPS DEPARTING DFW AND DAL EXPECT WYLIE OR HUBBARD DEPARTURE. PROPS FROM OTHER AIRPORTS EXPECT THE DALLAS OR HUBBARD DEPARTURE. 1506261356-1512231356EST.

FDC 5/6472 AFW SID FORT WORTH ALLIANCE, FORT WORTH, TX. DALLAS TWO DEPARTURE...CHANGE PROPS NOTE TO READ: PROPS REQUESTING FL230 AND BELOW EXPECT THE HUBBARD DEPARTURE. PROPS DEPARTING DFW AND DAL REQUESTING FL240 AND ABOVE EXPECT THE WYLIE DEPARTURE. PROPS FROM OTHER AIRPORTS REQUESTING FL240 OR ABOVE EXPECT THE DALLAS DEPARTURE. 1506261354-1512231354EST.

Fort Worth Meacham Intl

FDC 5/6515 FTW SID FORT WORTH MEACHAM INTL, FORT WORTH, TX. GARLAND FIVE DEPARTURE...CHANGE PROPS NOTE TO READ: PROPS DEPARTING DFW AND DAL EXPECT WYLIE OR HUBBARD DEPARTURE. PROPS FROM OTHER AIRPORTS EXPECT THE DALLAS OR HUBBARD DEPARTURE. 1506261356-1512231356EST.

FDC 5/6473 FTW SID FORT WORTH MEACHAM INTL, FORT WORTH, TX. DALLAS TWO DEPARTURE...CHANGE PROPS NOTE TO READ: PROPS REQUESTING FL230 AND BELOW EXPECT THE HUBBARD DEPARTURE. PROPS DEPARTING DFW AND DAL REQUESTING FL240 AND ABOVE EXPECT THE WYLIE DEPARTURE. PROPS FROM OTHER AIRPORTS REQUESTING FL240 OR ABOVE EXPECT THE DALLAS DEPARTURE. 1506261354-1512231354EST.

Fort Worth NAS Jrb (Carswell Fld)

FDC 5/6517 NFW SID FORT WORTH NAS JRB (CARSWELL FLD), FORT WORTH, TX. GARLAND FIVE DEPARTURE...CHANGE PROPS NOTE TO READ: PROPS DEPARTING DFW AND DAL EXPECT WYLIE OR HUBBARD DEPARTURE. PROPS FROM OTHER AIRPORTS EXPECT THE DALLAS OR HUBBARD DEPARTURE. 1506261356-1512231356EST.

FDC 5/6474 NFW SID FORT WORTH NAS JRB (CARSWELL FLD), FORT WORTH, TX. DALLAS TWO DEPARTURE...CHANGE PROPS NOTE TO READ: PROPS REQUESTING FL230 AND BELOW EXPECT THE HUBBARD DEPARTURE. PROPS DEPARTING DFW AND DAL REQUESTING FL240 AND ABOVE EXPECT THE WYLIE DEPARTURE. PROPS FROM OTHER AIRPORTS REQUESTING FL240 OR ABOVE EXPECT THE DALLAS DEPARTURE. 1506261354-1512231354EST.

Fort Worth Spinks

FDC 5/6518 FWS SID FORT WORTH SPINKS, FORT WORTH, TX. GARLAND FIVE DEPARTURE...CHANGE PROPS NOTE TO READ: PROPS DEPARTING DFW AND DAL EXPECT WYLIE OR HUBBARD DEPARTURE. PROPS FROM OTHER AIRPORTS EXPECT THE DALLAS OR HUBBARD DEPARTURE. 1506261356-1512231356EST.

FDC 5/6475 FWS SID FORT WORTH SPINKS, FORT WORTH, TX. DALLAS TWO DEPARTURE...CHANGE PROPS NOTE TO READ: PROPS REQUESTING FL230 AND BELOW EXPECT THE HUBBARD DEPARTURE. PROPS DEPARTING DFW AND DAL REQUESTING FL240 AND ABOVE EXPECT THE WYLIE DEPARTURE. PROPS FROM OTHER AIRPORTS REQUESTING FL240 OR ABOVE EXPECT THE DALLAS DEPARTURE. 1506261354-1512231354EST.

Kenneth Copeland

FDC 5/9232 4T2 SPECIAL KENNETH COPELAND, FORT WORTH, TX. RNAV (GPS) RWY 35, AMDT 2...LPV DA 925 ALL CATS. LNAV/VNAV DA 1114/HAT 439 ALL CATS, LNAV/VNAV VISIBILITY ALL CATS 1 1/2. LNAV HAT 505 ALL CATS. CIRCLING CAT D MDA 1320/HAA 627. CHANGE THRE 660 TO TDZE 675. NOTE: CIRCLING NA TO RWYS 12 AND 30. RWY 12-30 CLOSED PERMANENTLY. DISREGARD NOTE: CIRCLING TO RWY 12/30 NA AT NIGHT. 1511061412-1605041412EST.

FDC 5/9230 4T2 IAP KENNETH COPELAND, FORT WORTH, TX. SPECIAL TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKEOFF MINIMUMS: RWY 12, 30 NA-RUNWAY CLOSED. RWY 17, 35 STANDARD. NOTE: RWY 17, TREES BEGINNING 384 FT FROM DER, 507 FT LEFT OF CENTERLINE, UP TO 41 FT AGL/710 FT MSL. TREES BEGINNING 1873 FT FROM DER, 291 FT LEFT OF CENTERLINE, UP TO 86 FT AGL/742 FT MSL. TREES BEGINNING 7 FT FROM DER, 463 FT RIGHT OF CENTERLINE, UP TO 79 FT AGL/732 FT MSL. TREES BEGINNING 1035 FT FROM DER, 65 FT RIGHT OF CENTERLINE, UP TO 69 FT AGL/719 FT MSL. WINDSOCK 46 FT FROM DER, 214 FT LEFT OF CENTERLINE, 24 FT AGL/685 FT MSL. VEHICLE ON ROAD BEGINNING 110 FT FROM DER, 226 FT RIGHT OF CENTERLINE, UP TO 15 FT AGL/683 FT MSL. WALL BEGINNING 93 FT FROM DER, 281 FT RIGHT OF CENTERLINE, UP TO 5 FT AGL/663 FT MSL. NOTE: RWY 35, TREES BEGINNING 53 FT FROM DER, 354 FT LEFT OF CENTERLINE, UP TO 37 FT AGL/710 FT MSL. TREE 2040 FT FROM DER, 99 FT LEFT OF CENTERLINE, 99 FT AGL/751 FT MSL. TREES BEGINNING 117 FT FROM DER, 209 FT RIGHT OF CENTERLINE, UP TO 30 FT AGL/716 FT MSL. TREES BEGINNING 745 FT FROM DER, 235 FT RIGHT OF CENTERLINE, UP TO 55 FT AGL/728 FT MSL. WALL 2 FT FROM DER, 228 FT RIGHT OF CENTERLINE, 3 FT AGL/691 FT MSL. 1511061408-1605041408EST.

FREDERICKSBURG

Gillespie County

FDC 5/8957 T82 IAP GILLESPIE COUNTY, FREDERICKSBURG, TX. RNAV (GPS) RWY 14, AMDT 1B...DESCENT ANGLE 3.00/TCH 43 NA. 1505281853-1512241853EST.

FDC 5/6189 T82 ODP GILLESPIE COUNTY, FREDERICKSBURG, TX. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...DEPARTURE PROCEDURE: RWY 14, CLIMB HEADING 140.73 TO 2400 BEFORE PROCEEDING ON COURSE. RWY 32, CLIMB HEADING 320.74 TO 2400 BEFORE PROCEEDING ON COURSE. NOTE: RWY 14, TREES BEGINNING 32 FT FROM DER, 299 FT RIGHT OF CENTERLINE, UP TO 15 FT AGL/1694 FT MSL. TREES AND POLES BEGINNING 203 FT FROM DER, 297 FT LEFT OF CENTERLINE, UP TO 39 FT AGL/1723 FT MSL. NOTE: RWY 32, TREES BEGINNING 85 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 63 FT AGL/1742 FT MSL. POLES BEGINNING 1028 FT FROM DER, 204 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/1734 FT MSL. TREES AND BUILDING BEGINNING 10 FT FROM DER, 366 FT RIGHT OF CENTERLINE, UP TO 31 FT AGL/1719 FT MSL. 1510311905-1604281905EST.

GALVESTON

Scholes Intl At Galveston

FDC 5/8091 GLS STAR SCHOLES INTL AT GALVESTON, GALVESTON, TX. BLUBELL THREE ARRIVAL...SNDAY INT DME REQUIRED. (HUB VOR OUT OF SERVICE) 1505281300-1606302359EST.

FDC 5/8090 GLS STAR SCHOLES INTL AT GALVESTON, GALVESTON, TX. TCHDN TWO ARRIVAL...REVISE ARRIVAL ROUTE DESCRIPTION:...FROM OVER BELLR INT VIA THE IAH R-220.94 (MEA 4000) TO TSHRT INT. EXPECT VECTORS TO FINAL APPROACH COURSE AT OR PRIOR TO TSHRT INT. HUB VOR U/S 1505281300-1606302359EST.

FDC 5/8088 GLS STAR SCHOLES INTL AT GALVESTON, GALVESTON, TX. HUDZY TWO ARRIVAL...REVISE ARRIVAL ROUTE DESCRIPTION:...FROM OVER HUDZY INT ON IAH R-067.44 (MEA 5000) TO CLWSN INT, ON IAH R-067.44 (MEA 4000) TO SWWAA. EXPECT VECTORS TO FINAL APPROACH COURSE AT OR PRIOR TO SWWAA INT. (HUB VOR U/S) 1505281300-1606302359EST.

FDC 5/5584 GLS IAP SCHOLES INTL AT GALVESTON, GALVESTON, TX. VOR RWY 14, AMDT 4A...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, HUB VOR/DME OUT OF SERVICE. 1510301410-1607301409EST.

FDC 5/5582 GLS IAP SCHOLES INTL AT GALVESTON, GALVESTON, TX. ILS OR LOC RWY 14, AMDT 12A...MISSED APPROACH: CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 2400 ON HEADING 360 AND I-GLS LOCALIZER NW (318) COURSE TO SWANE INT AND HOLD, HUB VOR/DME OUT OF SERVICE. 1510301408-1604271408EST.

FDC 5/1529 GLS SID SCHOLES INTL AT GALVESTON, GALVESTON, TX. ALEXANDRIA SEVEN DEPARTURE...LUFKIN EIGHT DEPARTURE...NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, LFK VOR OUT OF SERVICE. 1506031456-1511301456EST.

GEORGETOWN

Georgetown Muni

FDC 5/0005 GTU STAR GEORGETOWN MUNI, GEORGETOWN, TX. MSTLO ONE RNAV ARRIVAL...ADD NOTE: OHSEE TRANSITION ATC ASSIGNED ONLY. 1503051345-1612310901EST.

GLADEWATER

Gladewater Muni

FDC 5/6644 07F IAP GLADEWATER MUNI, GLADEWATER, TX. VOR/DME RWY 14, AMDT 3A...DESCENT ANGLE 3.31/TCH 40 NA. 1506261601-1601221600EST.

GONZALES

Roger M Dreyer Memorial

FDC 5/3631 T20 CHART ROGER M DREYER MEMORIAL, GONZALES, TX. U.S. GOVERNMENT SAN ANTONIO VFR SECTIONAL AERONAUTICAL CHART, 95TH EDITION, EFFECTIVE 30 APR 2015...SEE FDC 5/3629 FDC CHART CORRECT...1506051230-PERM.

GRAND PRAIRIE

Grand Prairie Muni

FDC 5/6520 GPM SID GRAND PRAIRIE MUNI, GRAND PRAIRIE, TX. GARLAND FIVE DEPARTURE...CHANGE PROPS NOTE TO READ: PROPS DEPARTING DFW AND DAL EXPECT WYLIE OR HUBBARD DEPARTURE. PROPS FROM OTHER AIRPORTS EXPECT THE DALLAS OR HUBBARD DEPARTURE. 1506261356-1512231356EST.

FDC 5/6476 GPM SID GRAND PRAIRIE MUNI, GRAND PRAIRIE, TX. DALLAS TWO DEPARTURE...CHANGE PROPS NOTE TO READ: PROPS REQUESTING FL230 AND BELOW EXPECT THE HUBBARD DEPARTURE. PROPS DEPARTING DFW AND DAL REQUESTING FL240 AND ABOVE EXPECT THE WYLIE DEPARTURE. PROPS FROM OTHER AIRPORTS REQUESTING FL240 OR ABOVE EXPECT THE DALLAS DEPARTURE. 1506261354-1512231354EST.

GREENVILLE

Majors

FDC 5/6891 GVT IAP MAJORS, GREENVILLE, TX. RNAV (GPS) RWY 35, AMDT 1...LNAV MDA NA. 1511022001-1604302001EST.

FDC 5/6889 GVT ODP MAJORS, GREENVILLE, TX. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...NOTE: RWY 17, CONSTRUCTION EQUIPMENT, 500 FT FROM DER, ON CENTERLINE, 15 FT AGL/545 FT MSL. TREES BEGINNING 920 FT FROM DER, 595 FT LEFT OF CENTERLINE, 50 FT AGL/576 FT MSL. TREES BEGINNING 1775 FT FROM DER, 848 FT RIGHT OF CENTERLINE, 575 FT MSL. 1511022001-1604302001EST.

HARLINGEN

Valley Intl

FDC 5/6289 HRL IAP VALLEY INTL, HARLINGEN, TX. LOC/DME BC RWY 35L, ORIG...RADAR REQUIRED FOR PROCEDURE ENTRY EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, BRO VORTAC OUT OF SERVICE. 1511012150-1512012150EST.

FDC 5/1584 HRL IAP VALLEY INTL, HARLINGEN, TX. VOR/DME Y OR TACAN RWY 31, AMDT 1A...PROCEDURE NA. 1509161528-1604141528EST.

HENDERSON

Rusk County

FDC 5/2978 RFI IAP RUSK COUNTY, HENDERSON, TX. VOR/DME-A, AMDT 3B...NOTE: NIGHT LANDING: RWY 12, 17, 30 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1511132109-1605112109EST.

HEREFORD

Hereford Muni

FDC 5/9722 HRX IAP HEREFORD MUNI, HEREFORD, TX. RNAV (GPS) RWY 20, ORIG-A...LNAV MDA 4220/HAT 434 ALL CATS. VIS CAT C/D 1 1/4. VDP 1.21 NM TO RWY 20. 1508072346-1603032346EST.

HOUSTON

David Wayne Hooks Memorial

FDC 5/8071 DWH STAR DAVID WAYNE HOOKS MEMORIAL, HOUSTON, TX. HUDZY TWO ARRIVAL...REVISE ARRIVAL ROUTE DESCRIPTION:...FROM OVER HUDZY INT ON IAH R-067.44 (MEA 5000) TO CLWSN INT, ON IAH R-067.44 (MEA 4000) TO SWWAA. EXPECT VECTORS TO FINAL APPROACH COURSE AT OR PRIOR TO SWWAA INT. HUB VOR OUT OF SERVICE 1505281300-1606302359EST.

FDC 5/1514 DWH SID DAVID WAYNE HOOKS MEMORIAL, HOUSTON, TX. ALEXANDRIA SEVEN DEPARTURE...LUFKIN EIGHT DEPARTURE...NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, LFK VOR OUT OF SERVICE. 1506031456-1511301456EST.

Ellington

FDC 5/8573 EFD IAP ELLINGTON, HOUSTON, TX. ILS OR LOC RWY 17R, AMDT 6A...ILS OR LOC RWY 22, AMDT 3F...ILS OR LOC RWY 17R, AMDT 6...MISSED APPROACH: CLIMB TO 700 THEN CLIMBING LEFT TURN TO 3100 ON VUH VORTAC R-320 TO WAITO INT AND HOLD, HUB VOR/DME OUT OF SERVICE. 1505281607-1512241606EST.

FDC 5/8087 EFD STAR ELLINGTON, HOUSTON, TX.
HUDZY TWO ARRIVAL...REVISE ARRIVAL ROUTE
DESCRIPTION:...FROM OVER HUDZY INT ON IAH
R-067.44 (MEA 5000) TO CLWSN INT, ON IAH R-067.44
(MEA 4000) TO SWWAA. EXPECT VECTORS TO
FINAL APPROACH COURSE AT OR PRIOR TO SWWAA
INT. HUB VOR OUT OF SERVICE
1505281300-1606302359EST.

FDC 5/8082 EFD STAR ELLINGTON, HOUSTON, TX.
BLUBELL THREE ARRIVAL...SNDAY INT DME
REQUIRED. HUB VOR OUT OF SERVICE
1505281300-1606302359EST.

FDC 5/8078 EFD STAR ELLINGTON, HOUSTON, TX.
TCHDN TWO ARRIVAL...REVISE ARRIVAL ROUTE
DESCRIPTION:...FROM OVER BELLR INT VIA THE
IAH R-220.94 (MEA 4000) TO TSHRT INT. EXPECT
VECTORS TO FINAL APPROACH COURSE AT OR
PRIOR TO TSHRT INT. (HUB VOR OUT OF SERVICE)
1505281300-1606302359EST.

FDC 5/5580 EFD IAP ELLINGTON, HOUSTON, TX. ILS
OR LOC RWY 35L, AMDT 6A...MISSED APPROACH:
CLIMB TO 700 THEN CLIMBING RIGHT TURN TO
3100 ON VUH VORTAC R-320 TO WATFO INT/VUH
9.33 DME AND HOLD, HUB VOR/DME OUT OF
SERVICE. 1510301407-1604271406EST.

FDC 5/2982 EFD ODP ELLINGTON, HOUSTON, TX.
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE
PROCEDURES AMDT 3...NOTE: RWY 17R,
TEMPORARY CRANE 934 FEET FROM DEPARTURE
END OF RUNWAY, 687 FEET LEFT OF CENTERLINE,
68FT AGL/93FT MSL. ALL OTHER DATA REMAINS AS
PUBLISHED. 1509172255-1603152255EST.

FDC 5/1527 EFD SID ELLINGTON, HOUSTON, TX.
ALEXANDRIA SEVEN DEPARTURE...LUFKIN EIGHT
DEPARTURE...NA EXCEPT FOR AIRCRAFT EQUIPPED
WITH SUITABLE RNAV SYSTEM WITH GPS, LFK
VOR OUT OF SERVICE. 1506031456-1511301456EST.

George Bush Intercontinental/Houston

FDC 5/9911 IAH STAR GEORGE BUSH
INTERCONTINENTAL/HOUSTON, HOUSTON, TX.
HUDZY TWO ARRIVAL...REVISE ARRIVAL ROUTE
DESCRIPTION:...FROM OVER HUDZY INT ON IAH
R-067.44 (MEA 5000) TO CLWSN INT, ON IAH R-067.44
(MEA 4000) TO SWWAA. EXPECT VECTORS TO
FINAL APPROACH COURSE AT OR PRIOR TO SWWAA
INT. HUB VOR OUT OF SERVICE
1507031915-1606302359EST.

FDC 5/4824 IAH IAP GEORGE BUSH
INTERCONTINENTAL/HOUSTON, HOUSTON, TX. ILS
OR LOC RWY 8L, AMDT 4B...ILS RWY 8L (SA CAT I),
AMDT 4B...ILS RWY 8L (CAT II AND III), AMDT
4B...ILS OR LOC RWY 26L, AMDT 21C...ILS RWY 26L
(SA CAT I), AMDT 21C...ILS RWY 26L (CAT II AND III),
AMDT 21C...ILS OR LOC RWY 26R, AMDT 4A...ILS
RWY 26R (SA CAT I), AMDT 4A...ILS RWY 26R (CAT II
AND III), AMDT 4A...ILS OR LOC RWY 27, AMDT
10B...ILS RWY 27 (SA CAT I), AMDT 10B...ILS RWY 27
(CAT II AND III), AMDT 10B...DME REQUIRED
EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE
RNAV SYSTEM WITH GPS, HUB VOR/DME OUT OF
SERVICE. 1504301640-1511271640EST.

FDC 5/4765 IAH IAP GEORGE BUSH
INTERCONTINENTAL/HOUSTON, HOUSTON, TX.
RNAV (GPS) Z RWY 27, AMDT 4A...ILS OR LOC RWY
27, AMDT 10B...ILS RWY 27 (SA CAT I), AMDT
10B...ILS RWY 27 (CAT II AND III), AMDT
10B...TERMINAL ROUTE SPCTR TO SYYKO
MINIMUM ALTITUDE 3000.
1504301618-1511271616EST.

FDC 5/4533 IAH STAR GEORGE BUSH
INTERCONTINENTAL/HOUSTON, HOUSTON, TX.
GILCO FOUR ARRIVAL...GILCO INT DME REQUIRED.
HUB VOR OUT OF SERVICE. 1504301430-1512310901.

FDC 5/1671 IAH STAR GEORGE BUSH
INTERCONTINENTAL/HOUSTON, HOUSTON, TX.
SOULL ONE RNAV ARRIVAL...REVISE ALTITUDE
RESTRICTION: EXPECT CLEARANCE TO CROSS
BAYYY AT 13000. 1501081530-1512311530EST.

FDC 5/1670 IAH STAR GEORGE BUSH
INTERCONTINENTAL/HOUSTON, HOUSTON, TX.
DRLLR FOUR RNAV ARRIVAL...ADD NOTE: ILEXY
TRANSITION FOR AUSTIN TERMINAL AREA
DEPARTURES ONLY. 1501081530-1512311530EST.

FDC 5/1513 IAH SID GEORGE BUSH
INTERCONTINENTAL/HOUSTON, HOUSTON, TX.
ALEXANDRIA SEVEN DEPARTURE...LUFKIN EIGHT
DEPARTURE...NA EXCEPT FOR AIRCRAFT EQUIPPED
WITH SUITABLE RNAV SYSTEM WITH GPS, LFK
VOR OUT OF SERVICE. 1506031456-1511301456EST.

FDC 5/1364 IAH CHART GEORGE BUSH
INTERCONTINENTAL/HOUSTON, HOUSTON, TX.
SKNRD FOUR ARRIVAL (RNAV)
(DOOBI.SKNRD4)...CORRECT PLANVIEW: CHANGE
WAYPOINT NAME TO READ CASST INSTEAD OF
CAAST. 1510221700-PERM.

Houston Executive

FDC 5/8171 TME STAR HOUSTON EXECUTIVE, HOUSTON, TX. TCHDN TWO ARRIVAL...REVISE ARRIVAL ROUTE DESCRIPTION:...FROM OVER BELLR INT VIA THE IAH R-220.94 (MEA 4000) TO TSHRT INT. EXPECT VECTORS TO FINAL APPROACH COURSE AT OR PRIOR TO TSHRT INT. HUB VOR U/S 1505281315-1606302359EST.

FDC 5/8168 TME STAR HOUSTON EXECUTIVE, HOUSTON, TX. HUDZY TWO ARRIVAL...REVISE ARRIVAL ROUTE DESCRIPTION:...FROM OVER HUDZY INT ON IAH R-067.44 (MEA 5000) TO CLWSN INT, ON IAH R-067.44 (MEA 4000) TO SWWAA. EXPECT VECTORS TO FINAL APPROACH COURSE AT OR PRIOR TO SWWAA INT. HUB VOR OUT OF SERVICE 1505281315-1606302359EST.

FDC 5/8165 TME STAR HOUSTON EXECUTIVE, HOUSTON, TX. BLUBELL THREE ARRIVAL...SNDAY INT DME REQUIRED. (HUB VOR U/S) 1505281315-1606302359EST.

Houston-Southwest

FDC 5/8053 AXH STAR HOUSTON SOUTHWEST, HOUSTON, TX. BLUBELL THREE ARRIVAL...SNDAY INT DME REQUIRED. (HUB VOR OUT OF SERVICE) 1505281300-1606302359EST.

FDC 5/8050 AXH STAR HOUSTON SOUTHWEST, HOUSTON, TX. HUDZY TWO ARRIVAL...REVISE ARRIVAL ROUTE DESCRIPTION:...FROM OVER HUDZY INT ON IAH R-067.44 (MEA 5000) TO CLWSN INT, ON IAH R-067.44 (MEA 4000) TO SWWAA. EXPECT VECTORS TO FINAL APPROACH COURSE AT OR PRIOR TO SWWAA INT. HUB VOR OUT OF SERVICE 1505281300-1606302359EST.

FDC 5/6090 AXH IAP HOUSTON-SOUTHWEST, HOUSTON, TX. RNAV (GPS) RWY 9, AMDT 2...LPV DA NA. LNAV/VNAV DA NA. 1510302055-1604272055EST.

FDC 5/4741 AXH IAP HOUSTON-SOUTHWEST, HOUSTON, TX. LOC/DME RWY 9, AMDT 3B...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, HUB VOR/DME OUT OF SERVICE. 1506081343-1512051342EST.

FDC 5/1531 AXH SID HOUSTON-SOUTHWEST, HOUSTON, TX. ALEXANDRIA SEVEN DEPARTURE...LUFKIN EIGHT DEPARTURE...NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, LFK VOR OUT OF SERVICE. 1506031456-1511301456EST.

Lone Star Executive

FDC 5/8074 CXO STAR LONE STAR EXECUTIVE, HOUSTON, TX. HUDZY TWO ARRIVAL...REVISE ARRIVAL ROUTE DESCRIPTION:...FROM OVER HUDZY INT ON IAH R-067.44 (MEA 5000) TO CLWSN INT, ON IAH R-067.44 (MEA 4000) TO SWWAA. EXPECT VECTORS TO FINAL APPROACH COURSE AT OR PRIOR TO SWWAA INT. HUB VOR OUT OF SERVICE 1505281300-1606302359EST.

FDC 5/1528 CXO SID LONE STAR EXECUTIVE, HOUSTON, TX. ALEXANDRIA SEVEN DEPARTURE...LUFKIN EIGHT DEPARTURE...NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, LFK VOR OUT OF SERVICE. 1506031456-1511301456EST.

Pearland Rgnl

FDC 5/8150 LVJ STAR PEARLAND RGNL, HOUSTON, TX. BLUBELL THREE ARRIVAL...SNDAY INT DME REQUIRED. (HUB VOR U/S) 1505281315-1606302359EST.

FDC 5/8148 LVJ STAR PEARLAND RGNL, HOUSTON, TX. HUDZY TWO ARRIVAL...REVISE ARRIVAL ROUTE DESCRIPTION:...FROM OVER HUDZY INT ON IAH R-067.44 (MEA 5000) TO CLWSN INT, ON IAH R-067.44 (MEA 4000) TO SWWAA. EXPECT VECTORS TO FINAL APPROACH COURSE AT OR PRIOR TO SWWAA INT. (HUB VOR U/S) 1505281315-1606302359EST.

FDC 5/8146 LVJ STAR PEARLAND RGNL, HOUSTON, TX. TCHDN TWO ARRIVAL...REVISE ARRIVAL ROUTE DESCRIPTION:...FROM OVER BELLR INT VIA THE IAH R-220.94 (MEA 4000) TO TSHRT INT. EXPECT VECTORS TO FINAL APPROACH COURSE AT OR PRIOR TO TSHRT INT. HUB VOR U/S 1505281315-1606302359EST.

FDC 5/4735 LVJ IAP PEARLAND RGNL, HOUSTON, TX. VOR-B, AMDT 1A...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, HUB VOR/DME OUT OF SERVICE. 1506081342-1512051341EST.

Sugar Land Rgnl

FDC 5/9738 SGR IAP SUGAR LAND RGNL, HOUSTON, TX. RNAV (GPS) RWY 17, AMDT 2...LNAV/VNAV DA 704/HAT 622. 1508072356-1603032356EST.

FDC 5/8163 SGR STAR SUGAR LAND RGNL, HOUSTON, TX. TCHDN TWO ARRIVAL...REVISE ARRIVAL ROUTE DESCRIPTION:...FROM OVER BELLR INT VIA THE IAH R-220.94 (MEA 4000) TO TSHRT INT. EXPECT VECTORS TO FINAL APPROACH COURSE AT OR PRIOR TO TSHRT INT. HUB VOR U/S 1505281315-1606302359EST.

FDC 5/8160 SGR STAR SUGAR LAND RGNL, HOUSTON, TX. BLUBELL THREE ARRIVAL...SNDAY INT DME REQUIRED. (HUB VOR OUT OF SERVICE) 1505281315-1606302359EST.

FDC 5/8158 SGR STAR SUGAR LAND RGNL, HOUSTON, TX. HUDZY TWO ARRIVAL...REVISE ARRIVAL ROUTE DESCRIPTION:...FROM OVER HUDZY INT ON IAH R-067.44 (MEA 5000) TO CLWSN INT, ON IAH R-067.44 (MEA 4000) TO SWWAA. EXPECT VECTORS TO FINAL APPROACH COURSE AT OR PRIOR TO SWWAA INT. HUB VOR OUT OF SERVICE 1505281315-1606302359EST.

FDC 5/5579 SGR IAP SUGAR LAND RGNL, HOUSTON, TX. ILS OR LOC RWY 35, AMDT 4A...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, HUB VOR/DME OUT OF SERVICE. 1510301405-1604271404EST.

FDC 5/1511 SGR SID SUGAR LAND RGNL, HOUSTON, TX. ALEXANDRIA SEVEN DEPARTURE...LUFKIN EIGHT DEPARTURE...NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, LFK VOR OUT OF SERVICE. 1506031456-1511301456EST.

West Houston

FDC 5/8858 IWS IAP WEST HOUSTON, HOUSTON, TX. VOR-D, AMDT 1...PROCEDURE NA. 1508061815-1602021815EST.

FDC 5/8192 IWS IAP WEST HOUSTON, HOUSTON, TX. RNAV (GPS) RWY 33, AMDT 1A...NOTE: PROCEDURE NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 15 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 33 PROCEDURE NA AT NIGHT. 1511041915-1605021915EST.

FDC 5/8191 IWS IAP WEST HOUSTON, HOUSTON, TX. RNAV (GPS) RWY 15, AMDT 1B...NOTE: PROCEDURE NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 33 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 15 PROCEDURE NA AT NIGHT. 1511041915-1605021915EST.

FDC 5/8190 IWS IAP WEST HOUSTON, HOUSTON, TX. VOR-D, AMDT 1...NOTE: PROCEDURE NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT. 1511041913-1605021913EST.

FDC 5/8144 IWS STAR WEST HOUSTON, HOUSTON, TX. BLUBELL THREE ARRIVAL...SNDAY INT DME REQUIRED. (HUB VOR OUT OF SERVICE) 1505281315-1606302359EST.

FDC 5/8143 IWS STAR WEST HOUSTON, HOUSTON, TX. TCHDN TWO ARRIVAL...REVISE ARRIVAL ROUTE DESCRIPTION:...FROM OVER BELLR INT VIA THE IAH R-220.94 (MEA 4000) TO TSHRT INT. EXPECT VECTORS TO FINAL APPROACH COURSE AT OR PRIOR TO TSHRT INT. (HUB VOR OUT OF SERVICE) 1505281315-1606302359EST.

FDC 5/8140 IWS STAR WEST HOUSTON, HOUSTON, TX. HUDZY TWO ARRIVAL...REVISE ARRIVAL ROUTE DESCRIPTION:...FROM OVER HUDZY INT ON IAH R-067.44 (MEA 5000) TO CLWSN INT, ON IAH R-067.44 (MEA 4000) TO SWWAA. EXPECT VECTORS TO FINAL APPROACH COURSE AT OR PRIOR TO SWWAA INT. (HUB VOR U/S) 1505281315-1606302359EST.

FDC 5/6096 IWS IAP WEST HOUSTON, HOUSTON, TX. RNAV (GPS) RWY 15, AMDT 1B...LP MDA 540/HAT 429. VIS CAT C 1 1/4. LNAV CAT A/B/C MDA 600/HAT 489. VIS CAT C 1 3/8. NOTE: USE GEORGE BUSH INTERCONTINENTAL/HOUSTON ALTIMETER SETTING. DISREGARD NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED, USE GEORGE BUSH INTERCONTINENTAL/HOUSTON ALTIMETER SETTING AND INCREASE ALL MDA 60 FT, INCREASE LP CAT C VISIBILITY 1/4 MILE AND LNAV CAT C VISIBILITY 1/8 MILE. 1510302100-1604272100EST.

FDC 5/6095 IWS IAP WEST HOUSTON, HOUSTON, TX. RNAV (GPS) RWY 33, AMDT 1A...LNAV MDA 640/HAT 529 ALL CATS. VIS CAT C 1 1/2. NOTE: USE GEORGE BUSH INTERCONTINENTAL/HOUSTON ALTIMETER SETTING. DISREGARD NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED, USE GEORGE BUSH INTERCONTINENTAL/HOUSTON ALTIMETER SETTING AND INCREASE ALL MDA 60 FT. 1510302100-1604272100EST.

FDC 5/6092 IWS IAP WEST HOUSTON, HOUSTON, TX. VOR-D, AMDT 1...CIRCLING CAT A/B/C MDA 700/HAA 589. NOTE USE GEORGE BUSH INTERCONTINENTAL/HOUSTON ALTIMETER SETTING. NOTE HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD NOTE VISIBILITY REDUCTION BY HELICOPTERS NA. DISREGARD NOTE OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED, USE GEORGE BUSH INTERCONTINENTAL/HOUSTON ALTIMETER SETTING AND INCREASE ALL MDA 60 FT. 1510302058-1604272058EST.

FDC 5/4730 IWS IAP WEST HOUSTON, HOUSTON, TX. VOR-D, AMDT 1...MISSED APPROACH: CLIMBING RIGHT TURN TO 2000 HEADING 330 AND IAH VORTAC R-254 TO SEALY INT/IAH 31.77 DME AND HOLD. DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, HUB VOR/DME OUT OF SERVICE. 1506081340-1512051339EST.

FDC 5/1519 IWS CHART WEST HOUSTON, HOUSTON, TX. U.S. GOVT HOUSTON VFR SECTIONAL AERONAUTICAL CHART...CHART CORRECT. SEE FDC 5/1440 U.S. GOVERNMENT HOUSTON VFR SECTIONAL AERONAUTICAL CHART, 96TH EDITION, EFFECTIVE 17 SEP 2015 1509161444-PERM.

William P Hobby

FDC 5/8032 HOU STAR WILLIAM P HOBBY, HOUSTON, TX. HUDZY TWO ARRIVAL...REVISE ARRIVAL ROUTE DESCRIPTION:...FROM OVER HUDZY INT ON IAH R-067.44 (MEA 5000) TO CLWSN INT, ON IAH R-067.44 (MEA 4000) TO SWWAA. EXPECT VECTORS TO FINAL APPROACH COURSE AT OR PRIOR TO SWWAA INT. (HUB VOR OUT OF SERVICE) 1505281300-1606302359EST.

FDC 5/8031 HOU STAR WILLIAM P HOBBY, HOUSTON, TX. BLUBELL THREE ARRIVAL...SNDAY INT DME REQUIRED. HUB VOR U/S 1505281300-1606302359EST.

FDC 5/8014 HOU STAR WILLIAM P HOBBY, HOUSTON, TX. TCHDN TWO ARRIVAL...REVISE ARRIVAL ROUTE DESCRIPTION:...FROM OVER BELLR INT VIA THE IAH R-220.94 (MEA 4000) TO TSHRT INT. EXPECT VECTORS TO FINAL APPROACH COURSE AT OR PRIOR TO TSHRT INT. (HUB VOR OUT OF SERVICE) 1505281300-1606302359EST.

FDC 5/5586 HOU IAP WILLIAM P HOBBY, HOUSTON, TX. ILS OR LOC RWY 30L, AMDT 6B...MISSED APPROACH: CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 3000 DIRECT VUH VORTAC AND HOLD, HUB VOR/DME OUT OF SERVICE. 1510301411-1607301410EST.

FDC 5/1028 HOU IAP WILLIAM P HOBBY, HOUSTON, TX. VOR/DME RWY 35, AMDT 3...NOTE: NIGHT LANDING: RWY 35 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1508111832-1602071832EST.

KERRVILLE

Kerrville Muni/Louis Schreiner Field

FDC 5/9930 ERV IAP KERRVILLE MUNI/LOUIS SCHREINER FIELD, KERRVILLE, TX. RNAV (GPS) RWY 12, AMDT 1...LNAV/VNAV DA 1976/HAT 400 ALL CATS. LNAV MDA 2500/HATH 924 ALL CATS, VISIBILITY CATS A/B 1 1/4, CATS C/D 2 1/2. DISREGARD HALOL STEPDOWN FIX AND ALTITUDE. CIRCLING MDA 2500/HAA 883 ALL CATS, VISIBILITY CATS A/B 1 1/4, CAT C 2 3/4, CAT D 3. CHANGE ALTIMETER NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GILLESPIE COUNTY ALTIMETER SETTING AND INCREASE ALL DA 54 FEET AND ALL MDA 60 FEET; INCREASE LNAV/VNAV VISIBILITY ALL CATS, LNAV CAT B AND CIRCLING CATS B/C VISIBILITY 1/4 MILE, INCREASE LNAV CATS C/D VISIBILITY 1/2 MILE.. 1505311758-1511271757EST.

FDC 5/4140 ERV ODP KERRVILLE MUNI/LOUIS SCHREINER FIELD, KERRVILLE, TX. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TAKEOFF MINIMUMS: RWY3, STANDARD WITH MINIMUM CLIMB OF 437 FT PER NM TO 2800 OR 1000-3 FOR CLIMB IN VISUAL CONDITIONS. ALL OTHER DATA REMAINS AS PUBLISHED.. 1510281446-1604251446EST.

KOUNTZE/SILSBEE

Hawthorne Field

FDC 5/8790 45R IAP HAWTHORNE FIELD, KOUNTZE/SILSBEE, TX. NDB RWY 13, AMDT 3...NOTE: PROCEDURE NA AT NIGHT. 1511051919-1605031919EST.

FDC 5/8789 45R IAP HAWTHORNE FIELD, KOUNTZE/SILSBEE, TX. RNAV (GPS) RWY 13, AMDT 1A...LP MDA NA. DESCENT ANGLE 3.00/TCH 40 NA. NOTE: PROCEDURE NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 13 PROCEDURE NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 31 NA AT NIGHT. 1511051919-1605031919EST.

LA GRANGE

Fayette Rgnl Air Center

FDC 5/0788 3T5 IAP FAYETTE RGNL AIR CENTER, LA GRANGE, TX. RNAV (GPS) RWY 34, AMDT 2A...DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 16 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN / CIRCLING RWY 34 PROCEDURE NA AT NIGHT. 1509151559-1603131559EST.

LA PORTE

La Porte Muni

FDC 5/8183 T41 STAR LA PORTE MUNI, LA PORTE, TX. BLUBELL THREE ARRIVAL...SNDAY INT DME REQUIRED. HUB VOR OUT OF SERVICE 1505281315-1606302359EST.

FDC 5/8177 T41 STAR LA PORTE MUNI, LA PORTE, TX. TCHDN TWO ARRIVAL...REVISE ARRIVAL ROUTE DESCRIPTION:...FROM OVER BELLR INT VIA THE IAH R-220.94 (MEA 4000) TO TSHRT INT. EXPECT VECTORS TO FINAL APPROACH COURSE AT OR PRIOR TO TSHRT INT. HUB VOR OUT OF SERVICE 1505281330-1606302359EST.

FDC 5/8174 T41 STAR LA PORTE MUNI, LA PORTE, TX. HUDZY TWO ARRIVAL...REVISE ARRIVAL ROUTE DESCRIPTION:...FROM OVER HUDZY INT ON IAH R-067.44 (MEA 5000) TO CLWSN INT, ON IAH R-067.44 (MEA 4000) TO SWWAA. EXPECT VECTORS TO FINAL APPROACH COURSE AT OR PRIOR TO SWWAA INT. HUB VOR OUT OF SERVICE 1505281330-1606302359EST.

FDC 5/7806 T41 IAP LA PORTE MUNI, LA PORTE, TX. RNAV (GPS) RWY 30, AMDT 2A...NOTE: NIGHT LANDING: RWY 5, 23, 30 NA. DISREGARD NOTE: STRAIGHT-IN/CIRCLING RWY 30 PROCEDURE NA AT NIGHT. 1511041255-1605021255EST.

FDC 5/7805 T41 IAP LA PORTE MUNI, LA PORTE, TX. VOR-A, ORIG...NOTE: NIGHT LANDING: RWY 5, 23 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1511041254-1605021254EST.

FDC 5/7804 T41 IAP LA PORTE MUNI, LA PORTE, TX. NDB RWY 30, AMDT 2A...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, HUB VOR OUT OF SERVICE. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. NOTE: NIGHT LANDING: RWY 5, 23, 30 NA. 1511041254-1605021254EST.

FDC 5/1522 T41 SID LA PORTE MUNI, LA PORTE, TX. ALEXANDRIA SEVEN DEPARTURE...LUFKIN EIGHT DEPARTURE...NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, LFK VOR OUT OF SERVICE. 1506031456-1511301456EST.

LAGO VISTA

Lago Vista Tx - Rusty Allen

FDC 5/0008 RYW STAR LAGO VISTA TX - RUSTY ALLEN, LAGO VISTA, TX. MSTLO ONE RNAV ARRIVAL...ADD NOTE: OHSEE TRANSITION ATC ASSIGNED ONLY. 1503051345-1612310901EST.

LAKEWAY

Lakeway Airpark

FDC 5/0004 3R9 STAR LAKEWAY AIRPARK, LAKEWAY, TX. MSTLO ONE RNAV ARRIVAL...ADD NOTE: OHSEE TRANSITION ATC ASSIGNED ONLY. 1503051345-1612310901EST.

LANCASTER

Lancaster Rgnl

FDC 5/6521 LNC SID LANCASTER RGNL, LANCASTER, TX. GARLAND FIVE DEPARTURE...CHANGE PROPS NOTE TO READ: PROPS DEPARTING DFW AND DAL EXPECT WYLIE OR HUBBARD DEPARTURE. PROPS FROM OTHER AIRPORTS EXPECT THE DALLAS OR HUBBARD DEPARTURE. 1506261356-1512231356EST.

FDC 5/6477 LNC SID LANCASTER RGNL, LANCASTER, TX. DALLAS TWO DEPARTURE...CHANGE PROPS NOTE TO READ: PROPS REQUESTING FL230 AND BELOW EXPECT THE HUBBARD DEPARTURE. PROPS DEPARTING DFW AND DAL REQUESTING FL240 AND ABOVE EXPECT THE WYLIE DEPARTURE. PROPS FROM OTHER AIRPORTS REQUESTING FL240 OR ABOVE EXPECT THE DALLAS DEPARTURE. 1506261354-1512231354EST.

LIBERTY

Liberty Muni

FDC 5/8255 T78 IAP LIBERTY MUNI, LIBERTY, TX. RNAV (GPS) RWY 16, AMDT 2A...NOTE: PROCEDURE NA AT NIGHT. DISREGARD NOTE: CIRCLING TO RWY 34 NA AT NIGHT. DISREGARD NOTE: WHEN VGS1 INOP, PROCEDURE NA AT NIGHT. 1511041952-1605021952EST.

FDC 5/8254 T78 IAP LIBERTY MUNI, LIBERTY, TX. VOR-A, AMDT 5A...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1511041950-1605021950EST.

FDC 5/8185 T78 STAR LIBERTY MUNI, LIBERTY, TX. HUDZY TWO ARRIVAL...REVISE ARRIVAL ROUTE DESCRIPTION: FROM OVER HUDZY INT ON IAH R-067.44 (MEA 5000) TO CLWSN INT, ON IAH R-067.44 (MEA 4000) TO SWWAA. EXPECT VECTORS TO FINAL APPROACH COURSE AT OR PRIOR TO SWWAA INT. HUB VOR U/S 1505281315-1606302359EST.

LLANO

Llano Muni

FDC 5/9480 AQO IAP LLANO MUNI, LLANO, TX. RNAV (GPS) RWY 17, ORIG...RNAV (GPS) RWY 35, ORIG...VOR-A, AMDT 4...NIGHT LANDING: RWY 35 NA. 1511061649-1606171649EST.

FDC 5/3791 AQO CHART LLANO MUNI, LLANO, TX. CHART CORRECT U.S. GOVERNMENT SAN ANTONIO VFR SECTIONAL AERONAUTICAL CHART, 95TH EDITION, EFFECTIVE 30 APR 2015...SEE FDC 5/3782. 1506051358-PERM.

LUBBOCK

Lubbock Preston Smith Intl

FDC 5/9735 LBB IAP LUBBOCK PRESTON SMITH INTL, LUBBOCK, TX. RNAV (RNP) Z RWY 17R, ORIG-A...RNP 0.16 DA 3612/HAT 330 ALL CATS. VIS RVR 4000 ALL CATS. RNP 0.30 DA 3706/HAT 424 ALL CATS. VIS RVR 5000 ALL CATS. CHANGE INOP MALSR NOTE TO READ: FOR INOPERATIVE MALSR, INCREASE RNP 0.16 ALL CATS VIS TO RVR 5000 AND RNP 0.30 ALL CATS VIS TO 1 1/2. 1508072355-1603032355EST.

FDC 5/8934 LBB IAP LUBBOCK PRESTON SMITH INTL, LUBBOCK, TX. HI LOC/DME BC RWY 35L, ORIG-A...MISSED APPROACH: CLIMB TO 4000, THEN CLIMBING RIGHT TURN TO 5200 VIA HEADING 170 AND LBB VORTAC R-114 TO HYDRO (LBB 14.2 DME) AND HOLD. 1508261137-1602221137EST.

FDC 5/8206 LBB IAP U.S. DOD LUBBOCK PRESTON SMITH INTL, LUBBOCK, TX. HI VOR/DME OR TACAN RWY 26, AMDT 1...LOC BC RWY 35L, AMDT 18C...RNAV (GPS) Y RWY 35L, AMDT 2...VOR-A, AMDT 6C...ILS OR LOC RWY 26, AMDT 4A...RNAV (GPS) RWY 26, AMDT 2A...RNAV (GPS) RWY 8, AMDT 2A...HI LOC/DME BC RWY 35L, ORIG-A...VOR/DME OR TACAN RWY 26, AMDT 11A...NOTE: CIRCLING RWY 17R NA.. 1511041922-1605021922EST.

FDC 5/6570 LBB IAP LUBBOCK PRESTON SMITH INTL, LUBBOCK, TX. RNAV (GPS) RWY 26, AMDT 2A...LNAV/VNAV DA 3578/323 VISIBILITY RVR 3000 ALL CATS. FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 5000. 1508041711-1601311711EST.

FDC 5/4994 LBB ODP LUBBOCK PRESTON SMITH INTL, LUBBOCK, TX. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TAKE-OFF MINIMUMS RWY 35L: CONSTRUCTION EQUIPMENT BEGINNING 1000 FEET FROM DER, ACROSS CENTERLINE, UP TO 25 FEET AGL/3274 FEET MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1506082025-1512052025EST.

LUFKIN

Angelina County

FDC 5/3382 LFK IAP ANGELINA COUNTY, LUFKIN, TX. RNAV (GPS) RWY 33, AMDT 1A...VOR RWY 33, AMDT 14B...CIRCLING CAT C MDA 800/HAA 504. 1510271528-1604241528EST.

FDC 5/3381 LFK IAP ANGELINA COUNTY, LUFKIN, TX. RNAV (GPS) RWY 25, AMDT 1A...LNAV MDA 700/HAT 404 ALL CATS. LNAV CAT C/D VISIBILITY 1 1/8 MILE. CIRCLING CAT C MDA 800/HAA 504. 1510271528-1604241528EST.

FDC 5/3380 LFK IAP ANGELINA COUNTY, LUFKIN, TX. RNAV (GPS) RWY 15, ORIG-A...CIRCLING CAT C MDA 800/HAA 504. PROFILE VIEW: DISREGARD VDP DATA AND SYMBOL. 1510271528-1604241528EST.

FDC 5/3379 LFK IAP ANGELINA COUNTY, LUFKIN, TX. VOR/DME RWY 15, AMDT 3...S-15 MDA 760/HAT 471 ALL CATS. CIRCLING CAT C MDA 800/HAA 504. PLANVIEW: 16 DME ARC INITIAL ROUTE FROM LFK R-199 CW TO LFK R-332 MINIMUM ALTITUDE 2100. PROFILE VIEW: PROCEDURE TURN INITIAL ALTITUDE 2100. NOTE: NIGHT LANDING RWY 15, 25 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1510271528-1604241528EST.

FDC 5/3378 LFK IAP ANGELINA COUNTY, LUFKIN, TX. RNAV (GPS) RWY 7, ORIG-A...CIRCLING CAT C MDA 800/HAA 504. NOTE: NIGHT LANDING RWY 15, 25 NA. 1510271528-1604241528EST.

FDC 5/3377 LFK IAP ANGELINA COUNTY, LUFKIN, TX. ILS OR LOC RWY 7, AMDT 2B...S-ILS DA 536/HAT 250 ALL CATS. CIRCLING CAT C MDA 800/HAA 504. NOTE: NIGHT LANDING RWY 15, 25 NA. 1510271528-1604241528EST.

FDC 5/1516 LFK IAP ANGELINA COUNTY, LUFKIN, TX. ILS OR LOC RWY 7, AMDT 2B...RADAR REQUIRED FOR PROCEDURE ENTRY EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. MISSED APPROACH: CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 2000 DIRECT FLUFY LOM/INT AND HOLD E, RT, 250.25 INBOUND. LFK VOR OUT OF SERVICE. 1506031456-1511301456EST.

MASON

Mason County

FDC 5/9574 T92 IAP MASON COUNTY, MASON, TX. RNAV (GPS) RWY 18, ORIG-B...VISUAL DESCENT ANGLE 3.00/40 TCH NOT AUTHORIZED. 1509112005-1603092005EST.

MC ALLEN

Mc Allen Miller Intl

FDC 5/7548 MFE IAP MC ALLEN MILLER INTL, MC ALLEN, TX. ILS OR LOC RWY 13, AMDT 8C...S-ILS 13 DA 357/HAT 250 ALL CATS. VIS 3/4 ALL CATS. S-LOC 13 MDA 600/HAT 493 ALL CATS. VIS CATS A/B 3/4, CAT C 1. CIRCLING CATS A/B/C MDA 600/HAA 493. NIGHT LANDING: RWY 18 NA. HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. TEMPORARY CRANE, 286 MSL, 1.72 NM NW OF AIRPORT. 1507191935-1601151935EST.

FDC 5/7547 MFE IAP MC ALLEN MILLER INTL, MC ALLEN, TX. RNAV (GPS) RWY 13, ORIG...LNAV/VNAV DA 638/HAT 531 ALL CATS. LNAV MDA 600/HAT 493 ALL CATS. VIS CATS A/B 3/4, CAT C 1. CIRCLING CATS A/B/C MDA 600/HAA 493. NIGHT LANDING: RWY 18 NA. HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. TEMPORARY CRANE, 286 MSL, 1.72 NM NW OF AIRPORT. 1507191935-1601151935EST.

FDC 5/7545 MFE ODP MC ALLEN MILLER INTL, MC ALLEN, TX. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...DEPARTURE PROCEDURE. TAKE-OFF MINIMUMS RWY 31, 300 - 1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 278 FT PER NM TO 500. NOTE: RWY 31, TEMPORARY CRANE, 6844 FT FROM DER, 791 FT RIGHT OF CENTERLINE, 180 AGL/286 MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1507191935-1601151935EST.

FDC 5/0367 MFE ODP MC ALLEN MILLER INTL, MC ALLEN, TX. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1.CHANGE NOTES TO READ: RWY 13: VEHICLES ON ROAD BEGINNING 460 FT FROM DER, 276 FT LEFT OF CENTERLINE, UP TO 15 FT AGL/122 FT MSL. VEHICLES ON ROAD BEGINNING 507 FT FROM DER, 201 FT RIGHT OF CENTERLINE, UP TO 15 FT AGL/122 FT MSL. TREES BEGINNING 792 FT FROM DER, 593 FT LEFT OF CENTERLINE, UP TO 17 FT AGL/139 FT MSL. RWY 18:VEHICLE ON ROAD, 1054 FT FROM DER, 227 FT LEFT OF CENTERLINE, UP TO 15 FT AGL/ 122 FT MSL. VEHICLES ON ROAD, BEGINNING 569 FT FROM DER, 20 FT RIGHT OF CENTERLINE, UP TO 15 FT AGL/122 FT MSL. RWY 31: POLE 708 FT FRO DER, 629 FT LEFT OF CENTERLINE, UP TO 7 FT AGL/132 FT MSL. TREES BEGINNING 929 FT FROM DER, 361 FT LEFT OF CENTERLINE, UP TO 21 FT AGL/157 FT MSL. TREE 1018 FT FROM DER, 627 FT RIGHT OF CENTERLINE, UP TO 9 FT AGL/142 FT MSL. RWY 36: VEHICLES ON ROAD BEGINNING 292 FT FROM DER, 114 FT LEFT OF CENTERLINE, UP TO 15 FT AGL/122 FT MSL. VEHICLES ON ROAD BEGINNING 399 FT FROM DER, 53 FT RIGHT OF CENTERLINE, UP TO 15 FT AGL/122 FT MSL. BUILDINGS BEGINNING 624 FT FROM DER, 36 FT LEFT OF CENTERLINE, UP TO 19 FT AGL/155 FT MSL. BUILDINGS BEGINNING FROM 707 FT FROM DER, 242 FT RIGHT OF CENTERLINE, UP TO 94 FT AGL/394 FT MSL. TOWER, ALL OTHER DATA REMAINS AS PUBLISHED. FDC 5/0367 MFE ODP MC ALLEN MILLER INTL, MC ALLEN, TX. 197 FT FROM DER, 335 FT LEFT OF CENTERLINE,31 FT AGL/140 FT. MSL. TOWERS BEGINNING 979 FT FROM DER, 97 FT RIGHT OF CENTERLINE, UP TO 18 FT AGL/155 FT MSL. TREES BEGINNING 810 FT FROM DER, 69 FT LEFT OF CENTERLINE, UP TO 21 FT AGL/145 FT MSL. LIGHTED POLE 581 FT FROM DER, ON CENTERLINE, UP TO 4 FT AGL/122 FT MSL. LIGHTED POLE, 1208 FT FROM DER, 67 FT RIGHT OF CENTERLINE, UP TO 18 FT AGL/152 FT MSL. POLES BEGINNING 635 FT FROM DER, 248 FT RIGHT OF CENTERLINE, UP TO 19 FT AGL/145 FT MSL. ANTENNA ON BUILDING, 1512 FT FROM DER, 25 FT RIGHT OF CENTERLINE, UP TO 24 FT AGL/166 FT MSL. ALL OTHER DATA REMAINS AS PUBLI

MESQUITE

Mesquite Metro

FDC 5/6522 HQZ SID MESQUITE METRO, MESQUITE, TX. GARLAND FIVE DEPARTURE...CHANGE PROPS NOTE TO READ: PROPS DEPARTING DFW AND DAL EXPECT WYLIE OR HUBBARD DEPARTURE. PROPS FROM OTHER AIRPORTS EXPECT THE DALLAS OR HUBBARD DEPARTURE. 1506261356-1512231356EST.

FDC 5/6478 HQZ SID MESQUITE METRO, MESQUITE, TX. DALLAS TWO DEPARTURE...CHANGE PROPS NOTE TO READ: PROPS REQUESTING FL230 AND BELOW EXPECT THE HUBBARD DEPARTURE. PROPS DEPARTING DFW AND DAL REQUESTING FL240 AND ABOVE EXPECT THE WYLIE DEPARTURE. PROPS FROM OTHER AIRPORTS REQUESTING FL240 OR ABOVE EXPECT THE DALLAS DEPARTURE. 1506261354-1512231354EST.

FDC 5/5973 HQZ SID MESQUITE METRO, MESQUITE, TX. LEEAG TWO DEPARTURE (RNAV)...SWABR TWO DEPARTURE (RNAV)...CHANGE CTAF FREQUENCY FROM 123.05 TO 120.3. 1506252104-1512222103EST.

MEXIA

Mexia-Limestone Co

FDC 5/5800 LXY IAP MEXIA-LIMESTONE CO, MEXIA, TX. NDB-A, AMDT 4..RNAV (GPS) RWY 36, ORIG-A...DISREGARD NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT .. NOTE: NIGHT LANDING: PROCEDURE NA AT NIGHT. 1510301827-1604271827EST.

MIDLAND

Midland Intl

FDC 5/4749 MAF IAP MIDLAND INTL, MIDLAND, TX. ILS OR LOC RWY 10, AMDT 16B...S-ILS 10 DA 3153/HAT 284 ALL CATS. FOR INOPERATIVE MALSR, INCREASE, CAT E VISIBILITY TO RVR 6000, S-LOC CAT E VISIBILITY TO 1 3/4 MILE. DISREGARD NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA. DRILLING RIG, 3025 MSL, 5745 FT NW OF AIRPORT, 2015-ASW-514-OE. 1510291320-1601121320EST.

MIDLOTHIAN/WAXAHACHIE

Mid-Way Rgnl

FDC 5/6525 JWY SID MID-WAY RGNL, MIDLOTHIAN/WAXAHACHIE, TX. GARLAND FIVE DEPARTURE...CHANGE PROPS NOTE TO READ: PROPS DEPARTING DFW AND DAL EXPECT WYLIE OR HUBBARD DEPARTURE. PROPS FROM OTHER AIRPORTS EXPECT THE DALLAS OR HUBBARD DEPARTURE. 1506261356-1512231356EST.

MINEOLA

Mineola Wisener Field

FDC 5/9702 3F9 IAP MINEOLA WISENER FIELD, MINEOLA, TX. VOR/DME-A, AMDT 5...CIRCLING CAT A MDA 1080/HAA 651, CAT B MDA 1120/HAA 691, CAT C MINIMUMS NA.. NOTE: PROCEDURE NA AT NIGHT. 1508072334-1603032334EST.

NACOGDOCHES

A L Mangham Jr Rgnl

FDC 5/9492 OCH IAP A L MANGHAM JR RGNL, NACOGDOCHES, TX. RNAV (GPS) RWY 18, ORIG...LNAV CATS A/B/C MDA 800/ HAT 457. CAT C VIS 1 3/8.. 1511061650-1605041650EST.

FDC 5/9400 OCH IAP A L MANGHAM JR RGNL, NACOGDOCHES, TX. RNAV (GPS) RWY 18, ORIG...NOTE: NIGHT LANDING: RWY 18 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DESCENT ANGLE 3.06/TCH 37 NOT AUTHORIZED. 1508071617-1603031616EST.

FDC 5/6630 OCH IAP A L MANGHAM JR RGNL, NACOGDOCHES, TX. ILS OR LOC RWY 36, AMDT 3C...NDB RWY 18, AMDT 1B...RADAR REQUIRED FOR PROCEDURE ENTRY EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 1506261551-1601221550EST.

FDC 5/1530 OCH IAP A L MANGHAM JR RGNL, NACOGDOCHES, TX. ILS OR LOC RWY 36, AMDT 3B...NDB RWY 18, AMDT 1A...RADAR REQUIRED FOR PROCEDURE ENTRY EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 1506031456-1511301456EST.

NAVASOTA

Navasota Muni

FDC 5/9001 60R IAP NAVASOTA MUNI, NAVASOTA, TX. RNAV (GPS) RWY 17, ORIG-A...CHANGE ALTIMETER SETTING NOTE TO READ: USE BRENHAM ALTIMETER SETTING; WHEN NOT RECEIVED, USE COLLEGE STATION ALTIMETER SETTING AND INCREASE ALL DA 6 FEET AND ALL MDA 20 FEET, AND INCREASE CIRCLING CAT C VISIBILITY 1/4 MILE. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. THIS IS RNAV (GPS) RWY 17 ORIG-B. 1510192043-PERM.

FDC 5/8999 60R IAP NAVASOTA MUNI, NAVASOTA, TX. VOR-A, AMDT 2...CHANGE ALTIMETER SETTING TO READ: USE BRENHAM ALTIMETER SETTING; WHEN NOT RECEIVED, USE COLLEGE STATION ALTIMETER SETTING AND INCREASE ALL MDA 20 FEET AND INCREASE CAT C VISIBILITY 1/4 MILE. THIS IS VOR-A, AMDT 2A. 1510192040-PERM.

FDC 5/8997 60R IAP NAVASOTA MUNI, NAVASOTA, TX. RNAV (GPS) RWY 35, ORIG-A...CHANGE HELICOPTER VISIBILITY NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHANGE ALTIMETER SETTING NOTE TO READ: USE BRENHAM ALTIMETER SETTING, WHEN NOT RECEIVED USE COLLEGE STATION ALTIMETER SETTING AND INCREASE ALL DA 6 FEET AND ALL MDA 20 FEET AND INCREASE CIRCLING CAT C VIS 1/4 MILE. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. THIS IS RNAV (GPS) RWY 35 ORIG-B. 1510192038-PERM.

PADUCAH

Dan E Richards Muni

FDC 5/7506 3F6 IAP DAN E RICHARDS MUNI, PADUCAH, TX. VOR/DME OR GPS RWY 35, AMDT 1...VOR/DME PORTION NA. 1505061805-1512021805EST.

PALACIOS

Palacios Muni

FDC 5/7539 PSX ODP PALACIOS MUNI, PALACIOS, TX. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...DEPARTURE PROCEDURE: RWY 8, CLIMBING RIGHT TURN HEADING 125.22 TO 1800 BEFORE PROCEEDING ON COURSE. RWY 13, CLIMB HEADING 132.20 TO 1100 BEFORE TURNING LEFT. RWY 35, CLIMB HEADING 357.21 TO 1100 BEFORE TURNING RIGHT. ALL OTHER DATA REMAINS AS PUBLISHED. 1507191909-1602151909EST.

PALESTINE

Palestine Muni

FDC 5/5012 PSN ODP PALESTINE MUNI, PALESTINE, TX. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...TAKEOFF MINIMUMS: RWY 9, STANDARD WITH A MINIMUM CLIMB OF 313 FT PER NM TO 1200, OR 1000-3 FOR CLIMB IN VISUAL CONDITIONS. DEPARTURE PROCEDURE: RWY 9, FOR CLIMB IN VISUAL CONDITIONS: CROSS PALESTINE MUNICIPAL AIRPORT AT OR ABOVE 1300. ALL OTHER DATA REMAINS AS PUBLISHED.. 1508031412-1602291410EST.

FDC 5/5001 PSN IAP PALESTINE MUNI, PALESTINE, TX. VOR/DME RWY 18, AMDT 5A...MSA FROM FRANKSTON (FZT) VOR/DME 290-190 3000. 1508031402-1602291401EST.

FDC 5/4998 PSN IAP PALESTINE MUNI, PALESTINE, TX. RNAV (GPS) RWY 18, ORIG-A...CHANGE TAA TO READ: FROM 267/30 CW 357/30 TO DUCAL (IAF) MINIMUM ALTITUDE 3000. ALL OTHER TAA DATA REMAINS AS PUBLISHED. 1508031352-1602291351EST.

PECOS

Pecos Muni

FDC 5/0348 PEQ ODP PECOS MUNI, PECOS, TX. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...NOTE: RWY 9, POWER LINE, 2020 FT FROM DEPARTURE END OF RWY, 862 FT RIGHT OF CENTERLINE, 62 AGL/2654 MSL, 2015-ASW-6720-OE. ALL OTHER DATA REMAINS AS PUBLISHED. 1511091728-1605071728EST.

PORT ISABEL

Port Isabel-Cameron County

FDC 5/6156 PIL IAP PORT ISABEL-CAMERON COUNTY, PORT ISABEL, TX. VOR/DME-B, AMDT 3A...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 1509242216-1603222216EST.

ROCKSPRINGS

Edwards County

FDC 5/2986 ECU IAP EDWARDS COUNTY, ROCKSPRINGS, TX. RNAV (GPS) RWY 14, ORIG-A...CHANGE HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DESCENT ANGLE 3.00/TCH 45 NA. 1504271821-1511241821EST.

ROCKWALL

Ralph M Hall/Rockwall Muni

FDC 5/6523 F46 SID RALPH M HALL/ROCKWALL MUNI, ROCKWALL, TX. GARLAND FIVE DEPARTURE...CHANGE PROPS NOTE TO READ: PROPS DEPARTING DFW AND DAL EXPECT WYLIE OR HUBBARD DEPARTURE. PROPS FROM OTHER AIRPORTS EXPECT THE DALLAS OR HUBBARD DEPARTURE. 1506261356-1512231356EST.

FDC 5/3088 F46 SID RALPH M HALL/ROCKWALL MUNI, ROCKWALL, TX. GARLAND FIVE DEPARTURE...HOWIG TWO DEPARTURE (RNAV)...HUBBARD EIGHT DEPARTURE...KINGDOM NINE DEPARTURE...KUSSO TWO DEPARTURE (RNAV)...LEEAG TWO DEPARTURE (RNAV)...SWABR TWO DEPARTURE (RNAV)...TAKE-OFF MINIMUMS RWY 17, 300 - 1 OR NA. NOTE: RWY 17, TEMPORARY CRANE, 3875 FT FROM DEPARTURE END OF RWY, 295 FT LEFT OF CENTERLINE, 250 AGL/832 MSL. 2015-ASW-8440-OE. ALL OTHER DATA REMAINS AS PUBLISHED. 1511141144-1512151144EST.

FDC 5/3087 F46 ODP RALPH M HALL/ROCKWALL MUNI, ROCKWALL, TX. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TAKE-OFF MINIMUMS RWY 17, 300 - 1 OR NA. NOTE: RWY 17, TEMPORARY CRANE, 3875 FT FROM DEPARTURE END OF RWY, 295 FT LEFT OF CENTERLINE, 250 AGL/832 MSL. 2015-ASW-8440-OE. ALL OTHER DATA REMAINS AS PUBLISHED. 1511141144-1512151144EST.

SAN ANGELO

San Angelo Rgnl/Mathis Field

FDC 5/4064 SJT IAP SAN ANGELO RGNL/MATHIS FIELD, SAN ANGELO, TX. RNAV (GPS) RWY 21, AMDT 1...NOTE: NIGHT LANDING: RWY 9 NA. DISREGARD NOTE: CIRCLING RWY 9 AND 36 NA AT NIGHT. 1510281340-1604251340EST.

FDC 5/4063 SJT IAP U.S. DOD SAN ANGELO RGNL/MATHIS FIELD, SAN ANGELO, TX. HI ILS RWY 3, AMDT 5A...HI VOR/DME OR TACAN RWY 21, AMDT 1A...HI VOR/DME OR TACAN RWY 3, AMDT 5A...ILS OR LOC RWY 3, AMDT 21A...NDB RWY 3, AMDT 14A...RADAR-1, AMDT 1A...RNAV (GPS) RWY 18, ORIG...RNAV (GPS) RWY 3, AMDT 1...VOR RWY 21, AMDT 17...VOR/DME OR TACAN RWY 3, ORIG-B...NOTE: NIGHT LANDING: RWY 9 NA. 1510281340-1604251340EST.

FDC 5/1085 SJT IAP SAN ANGELO RGNL/MATHIS FIELD, SAN ANGELO, TX. ILS OR LOC RWY 3, AMDT 21A...S-LOC 3 MINIMUMS DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. SJT (SJ) LOM OUT OF SERVICE. 1510221349-1604191347EST.

SAN ANTONIO

Kelly Fld

FDC 5/8936 SKF STAR LACKLAND AFB (KELLY FIELD ANNEX), SAN ANTONIO, TX. LEMIG ONE ARRIVAL...REVISE SAT LOCALIZER LABEL RWY 3 TO READ: RWY 4. 1503031820-1612310901EST.

FDC 5/8935 SKF STAR LACKLAND AFB (KELLY FIELD ANNEX), SAN ANTONIO, TX. STONEWALL ONE ARRIVAL...REVISE SAT LOCALIZER LABEL RWY 3 TO READ: RWY 4. 1503031815-1612310901EST.

FDC 5/8933 SKF STAR LACKLAND AFB (KELLY FIELD ANNEX), SAN ANTONIO, TX. MARCS NINE ARRIVAL...REVISE SAT LOCALIZER LABEL RWY 3 TO READ: RWY 4. 1503031820-1612310901EST.

FDC 5/8932 SKF STAR LACKLAND AFB (KELLY FIELD ANNEX), SAN ANTONIO, TX. CENTERPOINT ONE ARRIVAL...REVISE SAT LOCALIZER LABEL RWY 3 TO READ: RWY 4. 1503031815-1612310901EST.

FDC 5/8931 SKF STAR LACKLAND AFB (KELLY FLD ANNEX), SAN ANTONIO, TX, MARCS NINE ARRIVAL...REMOVE NOTE: ASSIGNED BY ATC ONLY. 1503031815-1612310901EST.

FDC 5/8926 SKF STAR LACKLAND AFB (KELLY FLD ANNEX), SAN ANTONIO, TX, MARCS NINE ARRIVAL...ADD NOTE: FOR CONVENTIONAL NAVIGATION EQUIPPED AIRCRAFT ONLY. DME/DME/IRU OR GPS EQUIPPED AIRCRAFT FILE VIA THE RODIO RNAV STAR. 1503031815-1612310901EST.

San Antonio Intl

FDC 5/8968 SAT STAR SAN ANTONIO INTERNATIONAL, SAN ANTONIO, TX. LEMIG ONE ARRIVAL...REVISE SAT LOCALIZER LABEL RWY 3 TO READ: RWY 4. 1503031825-1612310901EST.

FDC 5/8964 SAT STAR SAN ANTONIO INTERNATIONAL, SAN ANTONIO, TX. MARCS NINE ARRIVAL...REVISE SAT LOCALIZER LABEL RWY 3 TO READ: RWY 4. 1503031825-1612310901EST.

FDC 5/8963 SAT STAR SAN ANTONIO INTL, SAN ANTONIO, TX, MARCS NINE ARRIVAL...REMOVE NOTE: ASSIGNED BY ATC ONLY. 1503031825-1612310901EST.

FDC 5/8954 SAT STAR SAN ANTONIO INTL, SAN ANTONIO, TX. MARCS NINE ARRIVAL...ADD NOTE: FOR CONVENTIONAL NAVIGATION EQUIPPED AIRCRAFT ONLY. DME/DME/IRU OR GPS EQUIPPED AIRCRAFT FILE VIA THE RODIO RNAV STAR. 1503031825-1612310901EST.

FDC 5/8900 SAT IAP SAN ANTONIO INTL, SAN ANTONIO, TX. ILS OR LOC RWY 4, AMDT 22A...AUTOPILOT COUPLED APPROACH NA BELOW 1189 MSL. 1505281837-1512241837EST.

FDC 5/7559 SAT STAR SAN ANTONIO INTL, SAN ANTONIO, TX. RODIO TWO RNAV ARRIVAL...REVISE SAT LANDING RWY 12R ARRIVAL ROUTE DESCRIPTION TO READ: FROM BRAUN ON TRACK 236 TO TROOP, THEN ON TRACK 236 TO CRISS. DEPART CRISS ON TRACK 295. EXPECT VECTORS TO FINAL APPROACH COURSE. 1508241400-1706220901EST.

Stinson Muni

FDC 5/8952 SSF STAR STINSON MUNICIPAL, SAN ANTONIO, TX. CENTERPOINT ONE ARRIVAL...REVISE SAT LOCALIZER LABEL RWY 3 TO READ: RWY 4. 1503031820-1612310901EST.

FDC 5/8951 SSF STAR STINSON MUNICIPAL, SAN ANTONIO, TX. MARCS NINE ARRIVAL...REVISE SAT LOCALIZER LABEL RWY 3 TO READ: RWY 4. 1503031820-1612310901EST.

FDC 5/8940 SSF STAR STINSON MUNICIPAL, SAN ANTONIO, TX. STONEWALL ONE ARRIVAL...REVISE SAT LOCALIZER LABEL RWY 3 TO READ: RWY 4. 1503031820-1612310901EST.

FDC 5/8939 SSF STAR STINSON MUNICIPAL, SAN ANTONIO, TX. MARCS NINE ARRIVAL...REMOVE NOTE: ASSIGNED BY ATC ONLY. 1503031820-1612310901EST.

FDC 5/8938 SSF STAR STINSON MUNICIPAL, SAN ANTONIO, TX. LEMIG ONE ARRIVAL...REVISE SAT LOCALIZER LABEL RWY 3 TO READ: RWY 4. 1503031820-1612310901EST.

FDC 5/8937 SSF STAR STINSON MUNICIPAL, SAN ANTONIO, TX. MARCS NINE ARRIVAL...ADD NOTE: FOR CONVENTIONAL NAVIGATION EQUIPPED AIRCRAFT ONLY. DME/DME/IRU OR GPS EQUIPPED AIRCRAFT FILE VIA THE RODIO RNAV STAR. 1503031820-1612310901EST.

FDC 5/8057 SSF IAP STINSON MUNI, SAN ANTONIO, TX. VOR RWY 32, AMDT 14...NOTE: NIGHT LANDING: RWY 9, 14, 32 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1506122138-1601082138EST.

FDC 5/8055 SSF IAP STINSON MUNI, SAN ANTONIO, TX. RNAV (GPS) RWY 32, ORIG...NOTE: NIGHT LANDING: RWY 9, 14, 32 NA. 1506122137-1601082137EST.

SEYMOUR

Seymour Muni

FDC 5/7910 60F IAP SEYMOUR MUNI, SEYMOUR, TX. GPS RWY 17, ORIG...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1507202253-1602162251EST.

STEPHENVILLE

Stephenville Clark Rgnl

FDC 5/6327 SEP IAP STEPHENVILLE CLARK RGNL, STEPHENVILLE, TX. RNAV (GPS) RWY 14, ORIG...NOTE: NIGHT LANDING RWY 32 NA.. 1511021244-1604301244EST.

FDC 5/6326 SEP IAP STEPHENVILLE CLARK RGNL, STEPHENVILLE, TX. RNAV (GPS) RWY 32, ORIG...NOTE: NIGHT LANDING RWY 32 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. VDP NA. DISREGARD SYMBOL REPRESENTING VISUAL 34:1 SLOPE IS CLEAR.. 1511021244-1604301244EST.

FDC 5/6325 SEP IAP STEPHENVILLE CLARK RGNL, STEPHENVILLE, TX. VOR/DME-A, AMDT 1...NOTE: NIGHT LANDING RWY 32 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.. 1511021244-1604301244EST.

SWEETWATER

Avenger Field

FDC 5/1626 SWW ODP AVENGER FIELD, SWEETWATER, TX. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...NOTE: RWY 17, BUILDING, 1062 FEET FROM DEPARTURE END OF RWY, 753 FEET LEFT OF CENTERLINE, 31 FEET AGL/ 2415 MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1509161553-1604141553EST.

TAYLOR

Taylor Muni

FDC 5/0007 T74 STAR TAYLOR MUNI, TAYLOR, TX. MSTLO ONE RNAV ARRIVAL...ADD NOTE: OHSEE TRANSITION ATC ASSIGNED ONLY. 1503051345-1612310901EST.

TERRELL

Terrell Muni

FDC 5/0401 TRL ODP TERRELL MUNI, TERRELL, TX. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKE-OFF MINIMUMS: RWY 14, 32, NA - ENVIRONMENTAL. 1508101820-1602061820EST.

TYLER

Tyler Pounds Rgnl

FDC 5/8029 TYR ODP TYLER POUNDS RGNL, TYLER, . TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...RWY 22, NA - ENVIRONMENTAL. ALL OTHER DATA REMAINS AS PUBLISHED. 1510161542-1604131541.

UNIVERSAL CITY

Randolph AFB

FDC 5/8930 RND STAR RANDOLPH AFB, SAN ANTONIO, TX. LEMIG ONE ARRIVAL...REVISE SAT LOCALIZER LABEL RWY 3 TO READ: RWY 4. 1503031815-1612310901EST.

FDC 5/8925 RND STAR RANDOLPH AFB, UNIVERSAL CITY, TX. MARCS NINE ARRIVAL...REVISE SAT LOCALIZER LABEL RWY 3 TO READ: RWY 4. 1503031815-1612310901EST.

FDC 5/8924 RND STAR RANDOLPH AFB, SAN ANTONIO, TX. CENTERPOINT ONE ARRIVAL...REVISE SAT LOCALIZER LABEL RWY 3 TO READ: RWY 4. 1503031815-1612310901EST.

FDC 5/8923 RND STAR RANDOLPH AFB, UNIVERSAL CITY, TX. STONEWALL ONE ARRIVAL...REVISE SAT LOCALIZER LABEL RWY 3 TO READ: RWY 4. 1503031815-1612310901EST.

FDC 5/8922 RND STAR RANDOLPH AFB, UNIVERSAL CITY, TX. MARCS NINE ARRIVAL...REMOVE NOTE: ASSIGNED BY ATC ONLY. 1503031815-1612310901EST.

FDC 5/8921 RND STAR RANDOLPH AFB, UNIVERSAL CITY, TX. MARCS NINE ARRIVAL...ADD NOTE: FOR CONVENTIONAL NAVIGATION EQUIPPED AIRCRAFT ONLY. DME/DME/IRU OR GPS EQUIPPED AIRCRAFT FILE VIA THE RODIO RNAV STAR. 1503031815-1612310901EST.

FDC 5/1779 RND STAR RANDOLPH AFB, UNIVERSAL CITY, TX. STONEWALL ONE ARRIVAL...TRANSITION FROM STV VORTAC TO RND NA 1504231415-1607210901EST.

WACO

Mc Gregor Executive

FDC 5/7020 PWG IAP MC GREGOR EXECUTIVE, WACO, TX. VOR RWY 17, AMDT 10C...PROCEDURE TURN MINIMUM ALTITUDE 2100. MISSED APPROACH: CLIMBING RIGHT TURN TO 2100 DIRECT ACT VORTAC AND HOLD. 1507171112-1601131112EST.

Tstc Waco

FDC 5/4452 CNW IAP TSTC WACO, WACO, TX. ILS OR LOC RWY 17L, AMDT 13A...DISREGARD I-CNW ILS OUTER MARKER INDICATIONS. 1505202048-1512162047EST.

WEATHERFORD

Parker County

FDC 5/6524 WEA SID PARKER COUNTY, WEATHERFORD, TX. GARLAND FIVE DEPARTURE...CHANGE PROPS NOTE TO READ: PROPS DEPARTING DFW AND DAL EXPECT WYLIE OR HUBBARD DEPARTURE. PROPS FROM OTHER AIRPORTS EXPECT THE DALLAS OR HUBBARD DEPARTURE. 1506261356-1512231356EST.

FDC 5/6499 WEA SID PARKER COUNTY, WEATHERFORD, TX. HUBBARD EIGHT DEPARTURE...CHANGE PROPS NOTE TO READ: FOR PROPS REQUESTING FL230 AND BELOW. PROPS DEPARTING DFW AND DAL REQUESTING FL 240 AND ABOVE EXPECT THE WYLIE DEPARTURE. PROPS FROM OTHER AIRPORTS REQUESTING FL240 OR ABOVE EXPECT THE DALLAS DEPARTURE. 1506261355-1512231355EST.

WHARTON

Wharton Rgnl

FDC 5/2352 ARM SID WHARTON RGNL, WHARTON, TX. STYCK TWO DEPARTURE (RNAV)...DEPARTURE ROUTE DESCRIPTION: TAKEOFF RWY 14: CLIMB HEADING 145 TO 600, EXPECT RADAR VECTORS TO BBYSE, THENCE....DEPARTURE ROUTE DESCRIPTION: TAKEOFF RWY 32: CLIMB HEADING 325 TO 600, EXPECT RADAR VECTORS TO BBYSE, THENCE....ALL OTHER DATA REMAINS AS PUBLISHED. 1511122213-1605102213EST.

FDC 5/2350 ARM SID WHARTON RGNL, WHARTON, TX. LURIC TWO DEPARTURE (RNAV)...DEPARTURE ROUTE DESCRIPTION: TAKEOFF RWY 14: CLIMB HEADING 145 TO 600, EXPECT RADAR VECTORS TO KNTKY, THENCE....DEPARTURE ROUTE DESCRIPTION: TAKEOFF RWY 32: CLIMB HEADING 325 TO 600, EXPECT RADAR VECTORS TO KNTKY, THENCE....ALL OTHER DATA REMAINS AS PUBLISHED. 1511122213-1605102213EST.

UTAH

CEDAR CITY

Cedar City Rgnl

FDC 5/3365 CDC IAP CEDAR CITY RGNL, CEDAR CITY, UT. VOR RWY 20, AMDT 6B...S-20 MDA 6040/HAT 440 ALL CATS. VDP AT CDC 3.54 DME. DISTANCE VDP TO THLD 1.21 MILES. CIRCLING CAT A MDA 6040/HAA 418. THIS IS VOR RWY 20, AMDT 6C. 1510081321-PERM.

FDC 5/0164 CDC ODP CEDAR CITY RGNL, CEDAR CITY, UT. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2A.CHANGE RWY 8 TAKEOFF MINIMUMS TO READ: 3500-3. TAKEOFF MINIMUMS: RWY 20, 200- 1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 260 FT PER NM TO 5900. TAKEOFF OBSTACLE NOTES: NOTE: RWY 2: TREE 77 FT FROM DER, 469 FT RIGHT OF CENTERLINE, 35 FT AGL/5642 FT MSL. TREE 551 FT FROM DER, 621 FEET LEFT OF CENTERLINE, 27 FT AGL/5630 FT MSL. NOTE: RWY 8: BUSH 122 FT FROM DER, 98 FT LEFT OF CENTERLINE 4 FT AGL/5626 FT MSL. VEHICLE ON ROAD 663 FT FROM DER, LEFT TO RIGHT OF CENTERLINE, 15 FT AGL/5644 FT MSL. POLE 2929 FT FROM DER, 161 FT RIGHT OF CENTERLINE, 50 FT AGL/5714 FT MSL. POLE 3175 FT FROM DER, 564 FT LEFT OF CENTERLINE, 56 FT AGL/5710 FT MSL. NOTE: RWY 20: TREES AND POLE BEGINNING 767 FT FROM DER, 448 FT RIGHT OF CENTERLINE, UP TO 40 FT AGL/5613 FT MSL. ELEVATOR 2081 FT FROM DER, 1050 FT LEFT OF CENTERLINE, 105 FT AGL/5690 FT MSL. TREE 6169 FT FROM DER, 1772 FT LEFT OF CENTERLINE, UP TO 25 FT AGL/5783 FT MSL. TREE 7633 FT FROM DER, 2053 FT LEFT OF CENTERLINE, UP TO 65 FT AGL/5803 FT MSL. NOTE: RWY 26: BUSH 123 FT FROM DER, 96 FT RIGHT OF CENTERLINE, 4 FT ALL OTHER DATA REMAINS AS PUBLISHED. FDC 5/0164 CDC ODP CEDAR CITY RGNL, CEDAR CITY, UT. AGL/5583 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1507241541-1601201540EST

DELTA

Delta Muni

FDC 5/4271 DTA ODP DELTA MUNI, DELTA, UT. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKEOFF OBSTACLE NOTES: RWY 35, TERRAIN 17 FEET FROM DER, 66 FEET LEFT OF CENTERLINE, 4760 MSL. ROAD 227 FEET FROM DER, 457 FEET RIGHT OF CENTERLINE, UP TO 15 FEET AGL/4771 FEET MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1510281637-1604251637EST.

MOAB

Canyonlands Field

FDC 5/1612 CNY IAP CANYONLANDS FIELD, MOAB, UT. RNAV (GPS) RWY 3, ORIG...LNAV HAT 823 ALL CATS, VIS CAT D 2 1/2. CIRCLING HAA CATS A/B/C 823, CAT D 883, VIS CAT A 1 1/4. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. DELETE NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART TDZE 4557, APT ELEV 4557. THIS IS RNAV (GPS) RWY 3, ORIG-A. 1511121334-PERM.

FDC 5/1609 CNY IAP CANYONLANDS FIELD, MOAB, UT. VOR-A, AMDT 10A...CIRCLING MDA 5640/HAA 1083 ALL CATS, VIS CAT B 1 1/2, CAT C 3. CHANGE MISSED APPROACH TO READ: CLIMB TO 6100 THEN CLIMBING RIGHT TURN TO 8400 DIRECT OAB VOR/DME AND HOLD, CONTINUE CLIMB IN HOLD TO 8400. CHART FAS OBST: 5028 TOWER 384844N/1094647W. CHART: APT ELEV 4557.. THIS IS VOR-A, AMDT 10B. 1511121332-PERM.

PRICE

Carbon County Rgnl/Buck Davis Field

FDC 5/3714 PUC IAP CARBON COUNTY RGNL/BUCK DAVIS FIELD, PRICE, UT. RNAV (GPS) RWY 1, AMDT 2...PROCEDURE NA. 1510271958-1604241958EST.

RICHFIELD

Richfield Muni

FDC 5/4068 RIF ODP RICHFIELD MUNI, RICHFIELD, UT. HAMET TWO DEPARTURE (RNAV)...RICHFIELD ONE DEPARTURE (RNAV)...PROCEDURE NA. 1509021723-1602291723EST.

FDC 5/4067 RIF ODP RICHFIELD MUNI, RICHFIELD, UT. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...PROCEDURE NA. 1509021723-1602291723EST.

FDC 5/0754 RIF IAP RICHFIELD MUNI, RICHFIELD, UT. RNAV (GPS) RWY 19, AMDT 1...NOTE: DESCENT ANGLE 3.00/TCH 45 NA. 1508271947-1602231945EST.

SALT LAKE CITY

Salt Lake City Intl

FDC 5/6093 SLC SID SALT LAKE CITY INTL, SALT LAKE CITY, UT. EDETH THREE DEPARTURE (RNAV)...BERYL TRANSITION; EDETH TO TRANT, MEA FL190. COALDALE TRANSITION; EDETH TO TRANT, MEA FL190. ALL OTHER DATA REMAINS AS PUBLISHED. 1510302059-1604272059EST.

VERNAL

Vernal Rgnl

FDC 5/3539 VEL ODP VERNAL RGNL, VERNAL, UT. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TAKE-OFF MINIMUMS: RWY 25, 390 FT PER NM TO 7000.. ALL OTHER DATA REMAINS AS PUBLISHED. 1510271712-1604241712EST.

VERMONT

BENNINGTON

William H Morse State

FDC 5/2931 DDH IAP WILLIAM H MORSE STATE, BENNINGTON, VT. RNAV (GPS) RWY 13, ORIG-C...LNAV MDA 2280/HAT 1461 ALL CATS. CIRCLING MDA 2280/HAA 1453 ALL CATS. 1510271118-1604241118EST.

FDC 5/1607 DDH IAP WILLIAM H MORSE STATE, BENNINGTON, VT. VOR RWY 13, AMDT 1A...NOTE: NIGHT LANDING: RWY 13, 31 NA. CHANGE HELICOPTER RESTRICTION NOTE TO READ: VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1511121330-1605101329EST.

BURLINGTON

Burlington Intl

FDC 5/5540 BTV IAP BURLINGTON INTL, BURLINGTON, VT. VOR/DME RWY 1, ORIG...S-1 CATS A/B/C MDA 900/HAT 567. VIS CAT C 1 5/8. CIRCLING CAT A MDA 900/HAA 565, CAT B MDA 960/HAA 625. TOWER 581 MSL 1.93 NM SW OF RWY 1. TEMPORARY CRANE 604 MSL 1.38 NM W OF RWY 15. 1510131847-1604101847EST.

FDC 5/5539 BTV IAP BURLINGTON INTL, BURLINGTON, VT. ILS OR LOC/DME RWY 33, AMDT 1B...RNAV (GPS) Y RWY 33, ORIG-A...CIRCLING CAT B/C MDA 960/HAA 625. TEMPORARY CRANE 604 MSL 1.38 NM W OF RWY 15. 1510131847-1604101847EST.

FDC 5/5538 BTV IAP U.S. DOD BURLINGTON INTL, BURLINGTON, VT. HI ILS OR LOC/DME RWY 33, AMDT 3...CIRCLING CAT C MDA 960/HAA 625. TEMPORARY CRANE 604 MSL 1.38 NM W OF RWY 15. 1510131847-1604101847EST.

FDC 5/5537 BTV IAP BURLINGTON INTL, BURLINGTON, VT. ILS OR LOC/DME RWY 15, AMDT 24...RNAV (GPS) RWY 1, ORIG-B...RNAV (GPS) RWY 15, AMDT 1...CIRCLING CAT B MDA 960/HAA 625. TEMPORARY CRANE 604 MSL 1.38 NM W OF RWY 15. 1510131847-1604101847EST.

FDC 5/5536 BTV IAP U.S. DOD BURLINGTON INTL, BURLINGTON, VT. HI TACAN RWY 15, ORIG...S-15 MDA 920/HAT 594, VIS 1 1/4 CATS C/D/E. VDP NA. TEMPORARY CRANE 604 MSL 1.38 NM W OF RWY 15. 1510131847-1604101847EST.

FDC 5/4914 BTV SID BURLINGTON INTL, BURLINGTON, VT. BURLINGTON SEVEN DEPARTURE...TAKEOFF MINIMUMS: RWY 19, 300-1 OR STANDARD WITH MINIMUM CLIMB OF 415 FT PER NM TO 5900. TAKEOFF OBSTACLE NOTES: RWY 19, TEMPORARY CRANE 4418 FT FROM DER, 1529 FT LEFT OF CENTERLINE, 150 FT AGL/500 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1508031128-1601301128EST.

FDC 5/4913 BTV ODP BURLINGTON INTL, BURLINGTON, VT. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 13...TAKEOFF MINIMUMS: RWY 19, 300-1 OR STANDARD WITH MINIMUM CLIMB OF 415 FT PER NM TO 5300 OR 3000-3 FOR CLIMB IN VISUAL CONDITIONS. NOTE: RWY 19, TEMPORARY CRANE 4418 FT FROM DER, 1529 FT LEFT OF CENTERLINE, 150 FT AGL/500 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1508031128-1601301128EST.

FDC 5/3197 BTV IAP BURLINGTON INTL, BURLINGTON, VT. HI-ILS OR LOC/DME RWY 33, AMDT 3...MISSED APPROACH: TACAN AIRCRAFT PORTION NA. 1510271400-1606071359EST.

FDC 5/1955 BTV IAP BURLINGTON INTL, BURLINGTON, VT. ILS OR LOC/DME RWY 15, AMDT 24...CHART NOTE: ADF OR DME REQUIRED.. 1510231737-1605271736EST.

RUTLAND

Rutland - Southern Vermont Rgnl

FDC 5/1197 RUT IAP RUTLAND - SOUTHERN VERMONT RGNL, RUTLAND, VT. RNAV (GPS) RWY 1, ORIG-A...VOR/DME RWY 1, AMDT 1A...STRAIGHT-IN MINIMUMS NA. 1511102107-1605082107EST.

VIRGIN ISLANDS

CHRISTIANSTED

Henry E Rohlsen

FDC 5/3994 STX IAP HENRY E ROHLSSEN, CHRISTIANSTED, VI. ILS OR LOC RWY 10, AMDT 7B...CIRCLING CAT A MDA 500/HAA 426. TEMPORARY CRANE, 142 MSL, 1.16 NM EAST OF AIRPORT. 1507130436-1602090436EST.

VIRGINIA

BLACKSBURG

Virginia Tech/Montgomery Executive

FDC 5/0386 BCB IAP VIRGINIA TECH/MONTGOMERY EXECUTIVE, BLACKSBURG, VA. NDB-A, AMDT 4...CHART CIRCLING ICON. THIS IS NDB-A, AMDT 4A. 1510021923-PERM.

FDC 5/0385 BCB IAP VIRGINIA TECH/MONTGOMERY EXECUTIVE, BLACKSBURG, VA. LOC/DME RWY 12, AMDT 1A...CIRCLING CAT A MDA 2760/HAA 628, CAT C MDA 2960/HAA 828, CAT C VIS 2 /12. CHART CIRCLING ICON. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS LOC/DME RWY 12, AMDT 1B. 1510021923-PERM.

FDC 5/0384 BCB IAP VIRGINIA TECH/MONTGOMERY EXECUTIVE, BLACKSBURG, VA. RNAV (GPS) RWY 30, ORIG...CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CIRCLING CAT A MDA 2760/HAA 628, CAT C MDA 2960/HAA 828, CAT C VIS 2 1/2. CHART CIRCLING ICON. THIS IS RNAV (GPS) RWY 30 ORIG-A. 1510021923-PERM.

BROOKNEAL

Brookneal/Campbell County

FDC 5/7945 0V4 IAP BROOKNEAL/CAMPBELL COUNTY, BROOKNEAL, VA. RNAV (GPS) RWY 24, AMDT 1...LNAV MDA 1020/HAT 424 ALL CATS. VIS CAT C 1 1/4. 1509301223-1603281223EST.

CREWE

Crewe Muni

FDC 5/8470 W81 IAP CREWE MUNI, CREWE, VA. RNAV (GPS) RWY 15, ORIG...RNAV (GPS) RWY 33, ORIG...LNAV MDA NA.. 1508061450-1602021450EST.

FDC 5/5250 W81 IAP CREWE MUNI, CREWE, VA. RNAV (GPS) RWY 15, ORIG...VDA NA. 1508031850-1601301850EST.

DANVILLE

Danville Rgnl

FDC 5/8783 DAN ODP DANVILLE RGNL, DANVILLE, VA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...NOTE: RWY 31, SIGN 1839 FEET FROM DER, 104 FEET RIGHT OF CENTERLINE, 30 FEET AGL/636 FEET MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1508061651-1602021651EST.

DUBLIN

New River Valley

FDC 5/1130 PSK IAP NEW RIVER VALLEY, DUBLIN, VA. ILS OR LOC Y RWY 6, ORIG...ILS OR LOC Z RWY 6, AMDT 5...RNAV (GPS) RWY 6, ORIG...NOTE: VGS1 NOT COINCIDENT WITH ELECTRONIC GLIDEPATH. 1509152014-1603132014EST.

EMPORIA

Emporia-Greenville Rgnl

FDC 5/2634 EMV IAP EMPORIA-GREENSVILLE RGNL, EMPORIA, VA. LOC RWY 34, AMDT 1A...SIPLE FIX MINIMUMS NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, FKN VORTAC OUT OF SERVICE. 1511131440-1605111440EST.

JONESVILLE

Lee County

FDC 5/9843 0VG IAP LEE COUNTY, JONESVILLE, VA. RNAV (GPS) RWY 7, AMDT 1A...CIRCLING CAT C MDA 2160/HAA 749. VIS CAT C 2 1/4. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1510211157-1604181157EST.

FDC 5/2714 0VG IAP LEE COUNTY, JONESVILLE, VA. RNAV (GPS) RWY 25, AMDT 1...LPV DA 1714/HAT 303 ALL CATS. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1510261730-1604231730EST.

KENBRIDGE

Lunenburg County

FDC 5/5244 W31 IAP LUNENBURG COUNTY, KENBRIDGE, VA. RNAV (GPS) RWY 20, ORIG...VDA NA. 1508031848-1601301848EST.

LAWRENCEVILLE

Lawrenceville/Brunswick Muni

FDC 5/6807 LVL IAP LAWRENCEVILLE/BRUNSWICK MUNI, LAWRENCEVILLE, VA. RNAV (GPS) RWY 36, ORIG-A...DESCENT ANGLE 2.89/TCH 40 NA. 1506261825-1512231825EST.

FDC 5/6802 LVL IAP LAWRENCEVILLE/BRUNSWICK MUNI, LAWRENCEVILLE, VA. RNAV (GPS) RWY 18, ORIG-A...DESCENT ANGLE 2.90/TCH 40 NA. 1506261822-1512231822EST.

LEESBURG

Leesburg Executive

FDC 5/3657 JYO STAR LEESBURG EXECUTIVE AIRPORT, LEESBURG VA., PRIVO ONE ARRIVAL...AMEND TO READ: DAVIX TO OVIEE, MEA 10000. PROCEDURE ENDS AT TWEAK INT. DEPART TWEAK INT HEADING 190, EXPECT RADAR VECTORS TO FINAL APPROACH COURSE. FDK VOR DME R-185 UNUSABLE 1508200400-1602202359.

FDC 5/1933 JYO STAR LEESBURG EXECUTIVE, LEESBURG, VA. COATT FOUR ARRIVAL NOT AUTHORIZED. 1501081900-1507082359.

FDC 5/0835 JYO IAP LEESBURG EXECUTIVE, LEESBURG, VA. ILS OR LOC RWY 17, AMDT 1A...PEARC FIX MINIMUMS CIRCLING CATS A/B/C MDA 940/HAA 550. TEMPORARY CRANES 577 MSL 5678 FT SE OF RWY 35. 1510221014-1604011014EST.

FDC 5/0834 JYO ODP LEESBURG EXECUTIVE, LEESBURG, VA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...TAKEOFF MINIMUMS: RWY 17, 300-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 352 FT PER NM TO 800. NOTE: RWY 17, TEMPORARY CRANES BEGINNING 5371 FT FROM DER, 1439 FT LEFT OF CENTERLINE, 235 FT AGL/577 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1510221014-1604011014EST.

LURAY

Page Memorial Hospital

FDC 4/6341 CD27 SPECIAL PAGE MEMORIAL HOSPITAL, LURAY, VA. (SPECIAL) COPTER RNAV (GPS) 047, ORIG.PROCEDURE NA. 1403121820-1410122359EST.

LYNCHBURG

Falwell

FDC 5/0777 W24 IAP FALWELL, LYNCHBURG, VA. RNAV (GPS) RWY 28, ORIG...DESCENT ANGLE 3.05/TCH 40 NA. VDP NA.. 1507062126-1601022126EST.

Lynchburg Rgnl/Preston Glenn Fld

FDC 5/4428 LYH IAP LYNCHBURG RGNL/PRESTON GLENN FLD, LYNCHBURG, VA. ILS OR LOC RWY 4, AMDT 17...CIRCLING CAT B VISIBILITY 1 1/4. THIS IS ILS OR LOC RWY 4, AMDT 17A. 1510282020-PERM.

FDC 5/4427 LYH IAP LYNCHBURG RGNL/PRESTON GLENN FLD, LYNCHBURG, VA. VOR/DME RWY 22, AMDT 8B...CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CIRCLING CAT B MDA 1780/HAA 842. CHART CIRCLING ICON.. THIS IS VOR/DME RWY 22, AMDT 8C. 1510282020-PERM.

FDC 5/4426 LYH IAP LYNCHBURG RGNL/PRESTON GLENN FLD, LYNCHBURG, VA. RNAV (GPS) RWY 22, ORIG...CHANGE HELICOPTER VISIBILITY NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CIRCLING CAT B MDA 1780/HAA 842. CHART CIRCLING ICON. ALTERNATE MINIMUMS STANDARD, EXCEPT CAT B 900-2, CAT C 900-2 1/2, CAT D 900-2 3/4. THIS IS RNAV (GPS) RWY 22, ORIG-A. 1510282020-PERM.

FDC 5/4425 LYH IAP LYNCHBURG RGNL/PRESTON GLENN FLD, LYNCHBURG, VA. VOR RWY 4, AMDT 12...S-4 HAT 495 ALL CATS AND VISIBILITY CAT C RVR 5000. TDZE 905. CIRCLING CAT A MDA 1660/HAA 722, CAT B MDA 1780/HAA 842. CHART CIRCLING ICON. ALTERNATE MINIMUMS STANDARD, EXCEPT CAT B 900-2, CAT C 900-2 1/2, CAT D 900-2 3/4. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHANGE INOPERATIVE MALSR NOTE TO READ: FOR INOPERATIVE MALSR, INCREASE S-4 CAT A/B VISIBILITY TO RVR 5500, CAT C/D VISIBILITY TO 1 3/8 MILE. THIS IS VOR RWY 4, AMDT 12A. 1510282020-PERM.

FDC 5/4424 LYH IAP LYNCHBURG RGNL/PRESTON GLENN FLD, LYNCHBURG, VA. RNAV (GPS) RWY 4, ORIG...LPV DA 1175 ALL CATS. LNAV/VNAV DA 1394 ALL CATS. LNAV HAT 495 ALL CATS AND VISIBILITY CAT C RVR 5000. TDZE 905. CIRCLING CAT A MDA 1660/HAA 722, CAT B MDA 1780/HAA 842. CHART CIRCLING ICON. ALTERNATE MINIMUMS STANDARD, EXCEPT CAT B 900-2, CAT C 900-2 1/2, CAT D 900-2 3/4. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. 34:1 IS CLEAR. THIS IS RNAV (GPS) RWY 4, ORIG-A. 1510282020-PERM.

MELFA

Accomack County

FDC 5/9367 MFV IAP ACCOMACK COUNTY, MELFA, VA. RNAV (GPS) RWY 21, ORIG...PROCEDURE NA. 1510011454-1603291454EST.

FDC 5/8096 MFV IAP ACCOMACK COUNTY, MELFA, VA. VOR/DME RWY 3, AMDT 1...S-3 MDA 480/HAT 433 ALL CATS.. 1509301339-1604181338EST.

MONETA

Smith Mountain Lake

FDC 5/7771 W91 ODP SMITH MOUNTAIN LAKE, MONETA, VA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...DEPARTURE PROCEDURE: RWY 5, CLIMB ON HEADING 054 DEGREES TO 2500 BEFORE PROCEEDING ON COURSE. DEPARTURE PROCEDURE: RWY 23, CLIMB ON HEADING 234 DEGREES TO 1800 BEFORE PROCEEDING ON COURSE. ALL OTHER DATA REMAINS AS PUBLISHED. 1508241657-1602201657EST.

NORFOLK

Chesapeake Rgnl

FDC 5/6649 CPK IAP CHESAPEAKE RGNL, NORFOLK, VA. VOR/DME RWY 23, AMDT 1A...S-23 MINIMUMS NA. 1510141852-1604111852EST.

QUANTICO

Quantico Mcaf /Turner Field

FDC 5/3658 NYG STAR QUANTICO MARINE CORPS AIRFIELD, QUANTICO VA, PRIVO ONE ARRIVAL...AMEND TO READ: DAVIX TO OVIEE, MEA 10000. PROCEDURE ENDS AT TWEAK INT. DEPART TWEAK INT HEADING 190, EXPECT RADAR VECTORS TO FINAL APPROACH COURSE. FDK VOR DME R-185 UNUSABLE 1508200400-1602202359.

QUINTON

New Kent County

FDC 5/9218 W96 IAP NEW KENT COUNTY, QUINTON, VA. RNAV (GPS) RWY 11, AMDT 2A...PROCEDURE NA. 1510011319-1605231318EST.

ROANOKE

Roanoke-Blacksburg Rgnl/Woodrum Field

FDC 5/1338 ROA IAP ROANOKE RGNL/WOODRUM FIELD, ROANOKE, VA. LDA Z RWY 6, ORIG...NOTE: CIRCLING NA NORTHWEST OF RWY 6-24. 1508281839-1602241839EST.

SOUTH BOSTON

William M Tuck

FDC 5/4298 W78 IAP WILLIAM M TUCK, SOUTH BOSTON, VA. RNAV (GPS) RWY 19, ORIG-A...LNAV MDA NA ALL CATS. CIRCLING MDA NA ALL CATS. 1506051845-1512021845EST.

FDC 5/0369 W78 IAP WILLIAM M TUCK, SOUTH BOSTON, VA. RNAV (GPS) RWY 1, ORIG-A...LNAV MDA 880/HAT 471 ALL CATS. VISIBILITY CAT C 1 3/8. CIRCLING MDA 1040/HAA 620 ALL CATS VISIBILITY CAT C 1 ?. NOTE: NIGHT LANDING: RWY 19 NA. NOTE: VGSi AND RNAV GLIDEPATH NOT COINCIDENT. CHANGE USE DANVILLE ALTIMETER SETTING ; WHEN NOT RECEIVED NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DANVILLE REGIONAL ALTIMETER SETTING. CHANGE HELICOPTER VISIBILITY RESTRICTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1509141901-1603121901EST.

SOUTH HILL

Mecklenburg-Brunswick Rgnl

FDC 5/7874 AVC IAP MECKLENBURG-BRUNSWICK RGNL, SOUTH HILL, VA. RNAV (GPS) RWY 19, ORIG-B...DELETE NOTE: NIGHT LANDING: RWY 1 CATS C AND D NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 19, ORIG-C. 1510152252-PERM.

FDC 5/7873 AVC IAP MECKLENBURG-BRUNSWICK RGNL, SOUTH HILL, VA. RNAV (GPS) RWY 1, ORIG-B...DELETE NOTE: NIGHT LANDING: RWY 1 CATS C AND D NA. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 1, ORIG-C. 1510152252-PERM.

FDC 5/7872 AVC IAP MECKLENBURG-BRUNSWICK RGNL, SOUTH HILL, VA. LOC RWY 1, ORIG-C...DELETE NOTE: NIGHT LANDING: RWY 1 CATS C AND D NA. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS LOC RWY 1, ORIG-D. 1510152252-PERM.

SUFFOLK

Suffolk Executive

FDC 5/0025 SFQ IAP SUFFOLK EXECUTIVE, SUFFOLK, VA. RNAV (GPS) RWY 7, AMDT 1A...DESCENT ANGLE 3.00/TCH 40 NA.. 1508262110-160222110EST.

TANGIER

Tangier Island

FDC 5/0695 TGI IAP TANGIER ISLAND, TANGIER, VA. VOR/DME-A, ORIG...CIRCLING MDA 1000/HAA 995 CATS A AND B.. 1509151445-1603131445EST.

WEST POINT

Middle Peninsula Rgnl

FDC 5/0686 FYJ IAP MIDDLE PENINSULA RGNL, WEST POINT, VA. RNAV (GPS) RWY 28, ORIG-C...CIRCLING CAT B MDA 560/HAA 540. 1508271816-1602231816EST.

WILLIAMSBURG

Camp Peary Lndg Strip

FDC 5/0322 W94 IAP U.S. DOD CAMP PEARY LNDG STRIP, WILLIAMSBURG, VA. RNAV (GPS) RWY 5, ORIG-A...VDA 3.04 TCH 45 NA. 1509141824-1603121824EST.

WINCHESTER

Winchester Rgnl

FDC 5/7782 OKV IAP WINCHESTER RGNL, WINCHESTER, VA. RNAV (GPS) RWY 14 AMDT 1...LNAV MDA 1320/HAT 594 ALL CATS. VIS CAT C/D 1 3/4. CIRCLING CAT A/B MDA 1320/HAA 594, CAT C MDA 1360/HAA 634, CAT D MDA 1440/HAA 714. VIS CAT C 1 3/4, CAT D 2 1/4. 1508241707-1602201707EST.

FDC 5/7611 OKV ODP WINCHESTER RGNL, WINCHESTER, VA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG-A...TAKEOFF MINIMUMS: RWY 32, STANDARD WITH A MINIMUM CLIMB OF 490 FT PER NM TO 1700. ALL OTHER DATA REMAINS AS PUBLISHED. 1508241406-1602201406EST.

WISE

Lonesome Pine

FDC 5/1718 LNP IAP LONESOME PINE, WISE, VA. RNAV (GPS) RWY 6, ORIG...NOTE: PROCEDURE NA. 1510231143-1605241143EST.

WASHINGTON

AUBURN

Auburn Muni

FDC 5/4778 S50 ODP AUBURN MUNI, AUBURN, WA. AUBURN ONE DEPARTURE...NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.. 1509031257-1603011257EST.

BAINBRIDGE ISLAND

Bainbridge Island Fire Dept

FDC 5/6047 2WA4 SPECIAL BAINBRIDGE ISLAND FIRE DEPT, BAINBRIDGE ISLAND, WA. COPTER RNAV (GPS) 247, ORIG...IFR DEPARTURE NA. 1510141259-1604111259EST.

FDC 5/4035 2WA4 IAP BAINBRIDGE ISLAND FIRE DEPT, BAINBRIDGE ISLAND, WA. COPTER RNAV (GPS) 247, ORIG...MDA 720/HAS 520. 1509021657-1602291657EST.

BURLINGTON/MOUNT VERNON

Skagit Rgnl

FDC 5/4258 BVS IAP SKAGIT RGNL, BURLINGTON/MOUNT VERNON, WA. RNAV (GPS) RWY 11, AMDT 2...LNAV MDA 620/HAT 475 ALL CATS. CIRCLING MDA 680/HAA 535 CAT A, MDA 700/HAA 555 CATS B/C/D.. 1508181544-1602141544EST.

CENTRALIA

Providence Centralia Hospital

FDC 5/6040 2WA7 SPECIAL PROVIDENCE CENTRALIA HOSPITAL, CENTRALIA, WA. COPTER RNAV (GPS) 140, ORIG...IFR DEPARTURE NA. 1510141250-1604111250EST.

FDC 5/4037 2WA7 IAP PROVIDENCE CENTRALIA HOSPITAL, CENTRALIA, WA. COPTER RNAV (GPS) 140, ORIG...MDA 700/HAS 500. 1509021659-1602291659EST.

COUPEVILLE

Whidbey General Hospital

FDC 5/6043 01WN SPECIAL WHIDBEY GENERAL HOSPITAL, COUPEVILLE, WA. COPTER RNAV (GPS) 023, ORIG...IFR DEPARTURE NA. 1510141253-1604111253EST.

FDC 5/1139 01WN SPECIAL WHIDBEY GENERAL HOSPITAL, COUPEVILLE, WA. COPTER RNAV (GPS) 023, ORIG...MDA 680/ HAS 505. 1508281505-1602241505EST.

DEER PARK

Deer Park

FDC 5/4946 DEW ODP DEER PARK, DEER PARK, WA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...DEPARTURE PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, GEG VORTAC OUT OF SERVICE. 1511181517-1512181517EST.

EASTSOUND

Orcas Island

FDC 5/8901 ORS SPECIAL ORCAS ISLAND, EASTSOUND, WA. COPTER RNAV (GPS) 160, ORIG...MDA 360/HAL 329. USE ORCAS ISLAND ALTIMETER SETTING. INCREASE MDA 40 FEET IF USING FRIDAY HARBOR ALTIMETER SETTING. 1506161233-1512131233EST.

FDC 5/1989 ORS IAP ORCAS ISLAND, EASTSOUND, WA. RNAV (GPS)-A, ORIG-A...NOTE: DESCENT ANGLE 4.14/TCH 40 NA.. 1510231742-1604201742EST.

FDC 5/1487 ORS IAP ORCAS ISLAND, EASTSOUND, WA. RNAV (GPS) RWY 16, ORIG...PROCEDURE NA. 1506031423-1511301423EST.

EVERETT

Snohomish County (Paine Fld)

FDC 5/9902 PAE IAP SNOHOMISH COUNTY (PAINE FLD), EVERETT, WA. ILS OR LOC/DME Z RWY 16R, ORIG-A...RNAV (GPS) RWY 34L, AMDT 1A...RNAV (GPS) Z RWY 16R, ORIG-A...VOR RWY 16R, ORIG-A...VOR/DME RWY 16R, ORIG-A...CIRCLING MDA 1200/ HAA 594 ALL CATS. TEMPORARY CRANE 837 MSL 2695 FEET NORTHEAST OF PAE AIRPORT. 1510211246-1601241246EST.

FDC 5/9901 PAE IAP SNOHOMISH COUNTY (PAINE FLD), EVERETT, WA. ILS OR LOC/DME Y RWY 16R, AMDT 22A...RNAV (GPS) Y RWY 16R, AMDT 1A...CIRCLING MDA 1200/ HAA 594 ALL CATS. TEMPORARY CRANE 837 MSL 2695 FEET NORTHEAST OF PAE AIRPORT. 1510211246-1601241246EST.

FDC 5/9899 PAE SID SNOHOMISH COUNTY (PAINE FLD), EVERETT, WA. PAINE TWO DEPARTURE...TAKEOFF MINIMUMS: RWY 34R, 300-1. ADD TAKEOFF OBSTACLE NOTE: RWY 34R, TEMPORARY CRANE 1905 FEET FROM DER, 313 FEET LEFT OF CENTERLINE, 267 FEET AGL/ 837 FEET MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1510211246-1601241246EST.

FDC 5/9898 PAE ODP SNOHOMISH COUNTY (PAINE FLD), EVERETT, WA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2A...TAKEOFF MINIMUMS: RWY 34R, 300-1. ADD NOTE: RWY 34R, TEMPORARY CRANE 1905 FEET FROM DER, 313 FEET LEFT OF CENTERLINE, 267 FEET AGL/ 837 FEET MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1510211246-1601241246EST.

FDC 5/4281 PAE IAP SNOHOMISH COUNTY (PAINE FLD), EVERETT, WA. ILS OR LOC/DME Z RWY 16R, ORIG-A; ILS Z RWY 16R (SA CAT II), ORIG-A...SA CATEGORY II ILS VIS RVR 1200 ALL CATS. THIS IS ILS Z OR LOC/DME Z RWY 16R, ORIG-B; ILS Z RWY 16R (SA CAT II), ORIG-B. 1510281701-PERM.

FRIDAY HARBOR

Friday Harbor

FDC 5/5607 FHR ODP FRIDAY HARBOR, FRIDAY HARBOR, WA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3...DEPARTURE PROCEDURE: RWY 16, CLIMB TO 1000 ON HEADING 161.05 THEN CLIMBING LEFT TURN DIRECT FHR NDB, THENCE...RWY 34, CLIMB TO 1000 ON HEADING 341.05 THEN CLIMBING LEFT TURN DIRECT FHR NDB, THENCE...ALL OTHER DATA REMAINS AS PUBLISHED. 1509042015-1603022015EST.

HOQUIAM

Bowerman

FDC 5/2237 HQM SPECIAL BOWERMAN, HOQUIAM, WA. COPTER RNAV (GPS) RWY 6, ORIG...PROCEDURE NA. 1509171310-1603151310EST.

LOPEZ ISLAND

Lopez Medical Clinic

FDC 5/5930 03WT SPECIAL LOPEZ MEDICAL CLINIC, LOPEZ ISLAND, WA. COPTER RNAV (GPS) 025, ORIG...IFR DEPARTURE NA. 1510141231-1604111231EST.

FDC 5/0404 03WT SPECIAL LOPEZ MEDICAL CLINIC, LOPEZ ISLAND, WA. COPTER RNAV (GPS) 025, ORIG...MDA 520/ HAS 500.. 1508271411-1602231411EST.

NEAH BAY

Us Coast Guard Station Neah Bay

FDC 5/5939 EBY SPECIAL US COAST GUARD STATION NEAH BAY, NEAH BAY, WA. COPTER RNAV (GPS) 229, ORIG...IFR DEPARTURE NA. 1510141240-1604111240EST.

FDC 5/0395 EBY SPECIAL US COAST GUARD STATION NEAH BAY, NEAH BAY, WA. COPTER RNAV (GPS) 229, ORIG...MDA 600/ HAS 440. 1508271406-1602231406EST.

OAK HARBOR

Aj Eisenberg

FDC 5/8040 OKH IAP U.S. DOD AJ EISENBERG, OAK HARBOR, . RADAR 1, AMDT 1A...PROCEDURE NA. 1510161600-1604131600EST.

FDC 5/0595 OKH IAP AJ EISENBERG, OAK HARBOR, WA. RNAV (GPS) RWY 7, AMDT 2D...CHART NOTE: NIGHT LANDING: RWY 25 NA. CHANGE HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 7, AMDT 2E. 1507061740-PERM.

OLYMPIA

Providence St Peters Hospital

FDC 5/5993 8WA4 SPECIAL PROVIDENCE ST PETERS HOSPITAL, OLYMPIA, WA. COPTER RNAV (GPS) 125, ORIG...IFR DEPARTURE NA. 1510141244-1604111244EST.

FDC 5/4039 8WA4 SPECIAL PROVIDENCE ST. PETERS HOSPITAL, OLYMPIA, WA. COPTER RNAV (GPS) 125, ORIG...MDA 700/ HAS 506.. 1509021700-1602291700EST.

PASCO

Tri-Cities

FDC 5/7629 PSC ODP TRI-CITIES, PASCO, WA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 8...TAKEOFF MINIMUMS: RWY 12, STANDARD WITH A MINIMUM CLIMB OF 225 FEET PER NM TO 1100. ADD NOTE: RWY 12, TEMPORARY CRANE 3.09 NM FROM DER, 3146 FEET RIGHT OF CENTERLINE, 518 FEET AGL/ 878 FEET MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1509291535-1512141535EST.

PORT TOWNSEND

Jefferson General Hospital

FDC 5/6034 7WA2 SPECIAL JEFFERSON GENERAL HOSPITAL, PORT TOWNSEND, WA. COPTER RNAV (GPS) 252, ORIG...IFR DEPARTURE NA. 1510141247-1604111247EST.

FDC 5/4043 7WA2 IAP JEFFERSON GENERAL HOSPITAL, PORT TOWNSEND, WA. COPTER RNAV (GPS) 252, ORIG...MDA 740/ HAS 498.. 1509021712-1602291712EST.

RICHLAND

Richland

FDC 5/1479 RLD IAP RICHLAND, RICHLAND, WA. RNAV (GPS) RWY 26, AMDT 2...CHART NOTE: NIGHT LANDING: RWY 26 OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD. 1506031418-1511301418EST.

SEATTLE

Boeing Field/King County Intl

FDC 5/9254 BFI IAP BOEING FIELD/KING COUNTY INTL, SEATTLE, WA. RNAV (RNP) Z RWY 13R, ORIG-C...RNP 0.15 DA 657/HAT 639, VIS 1 7/8 ALL CATS. RNP 0.30 DA 754/HAT 736, VIS 2 1/2 ALL CATS. FOR INOPERATIVE MALSF, INCREASE RNP 0.15 VISIBILITY TO 2 1/2. INOPERATIVE TABLE DOES NOT APPLY TO RNP 0.30. 1508261418-1602221418EST.

FDC 5/8734 BFI CHART BOEING FIELD/KING COUNTY INTL, SEATTLE, WA. KENT SEVEN DEPARTURE (KENT7.DUANE)...CORRECT PLANVIEW: CORRECT DUANE FIX ALTITUDE TO SHOW CROSS AT 2000 VICE AT OR ABOVE 2000.. 1510191345-PERM.

FDC 5/1069 BFI SID BOEING FIELD/KING COUNTY INTL, SEATTLE, WA. KENT SEVEN DEPARTURE...DEPARTURE PROCEDURE NA. 1507272057-1601232057EST.

Harborview Medical Center

FDC 5/5932 WA53 SPECIAL HARBORVIEW MEDICAL CENTER, SEATTLE, WA. COPTER RNAV (GPS) 097, ORIG...IFR DEPARTURE NA. 1510141233-1604111233EST.

FDC 5/5675 WA53 SPECIAL HARBORVIEW MEDICAL CENTER, SEATTLE, WA. COPTER RNAV (GPS) 097, ORIG...S-097 MDA 540/HAS 309. 1509241431-1603221431EST.

Seattle-Tacoma Intl

FDC 5/9667 SEA STAR SEATTLE-TACOMA INTL, SEATTLE, WA. JAWBN FOUR ARRIVAL...ADD NOTE: ATC ASSIGNED ONLY. 1510220700-1512312359EST.

FDC 5/8220 SEA IAP SEATTLE-TACOMA INTL, SEATTLE, WA. ILS OR LOC RWY 34L, AMDT 1C...ILS RWY 34L (SA CAT I AND II) AMDT 1C.. TERMINAL ROUTE CIDUG TO HIPRO 028.00/3.57 (HEADING) AND 343.33/9.05 (I-BEJ). THIS IS ILS OR LOC RWY 34L, AMDT 1D, ILS RWY 34L (SA CAT I AND II) AMDT 1D. 1511041933-PERM.

SHELTON

Sanderson Field

FDC 5/2226 SHN IAP SANDERSON FIELD, SHELTON, WA. GPS RWY 5, AMDT 1B...DESCENT ANGLE 3.21/TCH 40 NA. 1509171304-1603151304EST.

SNOHOMISH

Harvey Field

FDC 5/4199 S43 IAP HARVEY FIELD, SNOHOMISH, WA. RNAV (GPS)-A, ORIG...DESCENT ANGLE 3.67/TCH 30 NA. 1509021846-1602291846EST.

SOUTH BEND

Willapa Harbor

FDC 5/5935 01WA SPECIAL WILLAPA HARBOR, SOUTH BEND, WA. COPTER RNAV (GPS) 073, ORIG...IFR DEPARTURE NA. 1510141235-1604111235EST.

FDC 5/0468 01WA SPECIAL WILLAPA HARBOR, SOUTH BEND, WA. COPTER RNAV (GPS) 073, ORIG...MDA 660/ HAS 440.. 1508271456-1602231456EST.

SPOKANE

Felts Field

FDC 5/7032 SFF IAP FELTS FIELD, SPOKANE, WA. ILS OR LOC/DME RWY 22R, AMDT 1B...MISSED APPROACH: CLIMB TO 3300 THEN CLIMBING LEFT TURN TO 5000 ON HEADING 200 AND GEG VORTAC R-073 TO GEG VORTAC AND HOLD. THIS IS ILS OR LOC/DME RWY 22R, AMDT 1C. 1511031316-PERM.

FDC 5/7030 SFF IAP FELTS FIELD, SPOKANE, WA. VOR RWY 4L, AMDT 5A...S-4L MDA 2960/HAT 1011, ALL CATS. CIRCLING MDA 2960/HAA 1003 ALL CATS. ALTERNATE MINIMUMS: CAT A/B 1100-2, CAT C/D 1100-3 AND NA WHEN LOCAL WEATHER NOT AVAILABLE. THIS IS VOR RWY 4L, AMDT 5B. 1511031314-PERM.

FDC 5/4648 SFF IAP FELTS FIELD, SPOKANE, WA. ILS OR LOC/DME RWY 22R, AMDT 1B...ALTERNATE MINIMUMS NA, GEG VORTAC UNMONITORED. 1511180806-1512180806EST.

Spokane Intl

FDC 5/9029 GEG IAP SPOKANE INTL, SPOKANE, WA. RNAV (GPS) Y RWY 7, AMDT 2...RNAV (RNP) Z RWY 7, ORIG...CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE 3.00/TCH 45).. 1508261145-1602221145EST.

FDC 5/4949 GEG SID SPOKANE INTL, SPOKANE, WA. SPOKANE THREE DEPARTURE...DEPARTURE PROCEDURE LOST COMMUNICATIONS PROCEDURE: NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, GEG VORTAC OUT OF SERVICE. 1511181517-1512181517EST.

FDC 5/4945 GEG IAP SPOKANE INTL, SPOKANE, WA. ILS OR LOC/DME RWY 21, AMDT 23B...ILS RWY 21 (SA CAT I) AMDT 23B...ILS RWY 21 (CAT II AND III) AMDT 23B...MISSED APPROACH: CLIMB TO 2900 THEN CLIMBING RIGHT TURN TO 6500 HEADING 046.00 TO INTERCEPT COE VOR/DME R-245 TO COE VOR/DME AND HOLD., GEG VORTAC OUT OF SERVICE. 1511181517-1512181517EST.

FDC 5/4941 GEG IAP SPOKANE INTL, SPOKANE, WA. ILS OR LOC RWY 3, AMDT 6B...ILS RWY 3 (SA CAT I) AMDT 6B...ILS RWY 3 (CAT II AND III) AMDT 6B...MISSED APPROACH: CLIMB TO 2800 THEN CLIMBING RIGHT TURN TO 6500 ON HEADING 057 AND ON COE VOR/DME R-240 TO COE VOR/DME AND HOLD., GEG VORTAC OUT OF SERVICE. 1511181517-1512181517EST.

TACOMA

Tacoma Narrows

FDC 5/3105 TIW ODP TACOMA NARROWS, TACOMA, WA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3...NOTE: RWY 17: TREES AND BUSH BEGINNING 177 FEET FROM DER, 527 FEET RIGHT OF CENTERLINE, UP TO 28 FEET AGL/328 FEET MSL. TREES 746 FEET FROM DER, 512 FEET RIGHT OF CENTERLINE, UP TO 20 FEET AGL/340 FEET MSL. TREES 1381 FEET FROM DER, 706 FEET RIGHT OF CENTERLINE, UP TO 64 FEET AGL/364 FEET MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1506231927-1512201927EST.

VANCOUVER

Pearson Field

FDC 5/6975 VUO ODP PEARSON FIELD, VANCOUVER, WA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3...TAKE-OFF MINIMUMS RWY 8 STANDARD WITH MINIMUM CLIMB OF 425 FT PER NM TO 600, OR 500-2 1/2 WITH MINIMUM CLIMB OF 267 FT PER NM TO 600, OR 900-2 1/2 FOR CLIMB IN VISUAL CONDITIONS. CHANGE NOTE RWY 8, TREE 1.2 NM FROM DER, 2366 FT LEFT OF CENTERLINE, 100 FT AGL/435 FT MSL. MULTIPLE TREES BEGINNING 1.4 NM FROM DER, 701 FT LEFT OF CENTERLINE, UP TO 100FT AGL/426 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1509281351-1603261351EST.

WENATCHEE

Pangborn Memorial

FDC 5/6069 EAT IAP PANGBORN MEMORIAL, WENATCHEE, WA. VOR/DME-A, AMDT 8...VOR/DME-C, AMDT 4...CIRCLING TO RWY 7 NA. 1510141311-1604111311EST.

WEST VIRGINIA

BECKLEY

Raleigh County Memorial

FDC 5/8909 BKW IAP RALEIGH COUNTY MEMORIAL, BECKLEY, WV. VOR RWY 10, AMDT 13...VOR RWY 19, AMDT 4...PROCEDURE NA. 1511052123-1605032123EST.

FDC 5/2735 BKW IAP RALEIGH COUNTY MEMORIAL, BECKLEY, WV. ILS OR LOC RWY 19, AMDT 6A...MISSED APPROACH: CLIMB TO 4000 THEN CLIMBING RIGHT TURN TO 5500 ON HEADING 330 AND HVQ VORTAC R-150 TO HVQ AND HOLD.BKW VOR OUT OF SERVICE. 1511131509-1512131509EST.

BERKELEY SPRINGS

Potomac Airpark

FDC 5/5566 W35 ODP POTOMAC AIRPARK, BERKELEY SPRINGS, WV. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TAKE-OFF MINIMUMS RWY 29, 1900-2 OR STD WITH A MIN. CLIMB OF 413 PER NM TO 1400.. DEPARTURE ROUTE DESCRIPTION RWY 11 NA.. ALL OTHER DATA REMAINS AS PUBLISHED. 1509041924-1603021924EST.

CHARLESTON

Yeager

FDC 5/7455 CRW IAP YEAGER, CHARLESTON, WV. ILS OR LOC RWY 23, AMDT 30A...NOTE: AUTOPILOT COUPLED APPROACHES NA BELOW 1150 MSL. 1509291222-1604151222EST.

ELKINS

Elkins-Randolph Co-Jennings Randolph Fld

FDC 5/9900 EKN IAP ELKINS-RANDOLPH CO-JENNINGS RANDOLPH FLD, ELKINS, WV. RNAV (GPS) RWY 23, ORIG...NOTE: DESCENT ANGLE 3.05/TCH 45 NA. 1508262005-1602222005EST.

FDC 5/7404 EKN IAP ELKINS-RANDOLPH CO-JENNINGS RANDOLPH FLD, ELKINS, WV. RNAV (GPS) RWY 14, ORIG...PROCEDURE NA. 1509291207-1604151207EST.

HUNTINGTON

Tri-State/Milton J Ferguson Field

FDC 5/9692 HTS IAP TRI-STATE/MILTON J FERGUSON FIELD, HUNTINGTON, WV. ILS OR LOC RWY 12, AMDT 14A...ILS OR LOC RWY 30, AMDT 7A...ALTERNATE MINIMUMS NA, ECB VORTAC UNMONITORED. 1510210012-1511200012EST.

FDC 5/8606 HTS IAP TRI-STATE/MILTON J. FERGUSON FIELD, HUNTINGTON, WV. RNAV (GPS) RWY 12, AMDT 3A...LNAV MDA 1220/HAT 393 ALL CATS. 1509101857-1603081857EST.

FDC 5/5573 HTS IAP TRI-STATE/MILTON J FERGUSON FIELD, HUNTINGTON, WV. RADAR 1, AMDT 8...ASR 12 MDA 1320/HAT 492 ALL CATS.. 1509041928-1603021928EST.

FDC 5/3169 HTS IAP TRI-STATE/MILTON J. FERGUSON FIELD, HUNTINGTON, WV. ILS OR LOC RWY 30, AMDT 7A...MISSED APPROACH: CLIMB TO 1300 THEN CLIMBING RIGHT TURN TO 4000 DIRECT YRK VORTAC AND HOLD. ECB VOR OUT OF SERVICE. 1511150518-1512120518EST.

LEWISBURG

Greenbrier Valley

FDC 5/8765 LWB IAP GREENBRIER VALLEY, LEWISBURG, WV. ILS OR LOC RWY 4, AMDT 11...HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. FAF TO MAP 4.74 NM. KNOTS/TIME: 60/4:44, 90/3:10, 120/2:22, 150/1:54, 180/1:35.. 1508061642-1602021642EST.

FDC 5/8669 LWB IAP GREENBRIER VALLEY, LEWISBURG, WV. RNAV (GPS) RWY 22, ORIG...CIRCLING CAT A MDA 2840/HAA 538. CHANGE VISIBILITY REDUCTION BY HELICOPTERS NA NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1509101914-1603081914EST.

FDC 5/8665 LWB IAP GREENBRIER VALLEY, LEWISBURG, WV. VOR RWY 22, AMDT 1...S-22 MDA 2780/HAT 478 ALL CATS. VIS CAT C 1 3/8. CIRCLING CAT A MDA 2840/HAA 538. CHANGE VISIBILITY REDUCTION BY HELICOPTERS NA NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1509101914-1603081914EST.

FDC 5/8662 LWB IAP GREENBRIER VALLEY, LEWISBURG, WV. RNAV (GPS) RWY 4, ORIG...LNAV MDA 2700/HAT 412 ALL CATS. CIRCLING CAT A MDA 2840/HAA 538. CHANGE VISIBILITY REDUCTION BY HELICOPTERS NA NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1509101914-1603081914EST.

FDC 5/3048 LWB ODP GREENBRIER VALLEY, LEWISBURG, WV. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 4...RWY 4 - CLIMB HEADING 043 TO 4100 BEFORE PROCEEDING ON COURSE. RWY 22 - CLIMB HEADING 223 TO 3300 BEFORE PROCEEDING ON COURSE. ALL OTHER DATA REMAINS AS PUBLISHED. 1507091744-1601051743EST.

LOGAN

Logan County

FDC 5/9606 6L4 IAP LOGAN COUNTY, LOGAN, WV. RNAV (GPS) RWY 6, ORIG-B...DESCENT ANGLE 3.00/TCH 58 NA. 1511061725-1605041725EST.

MARTINSBURG

Eastern Wv Rgnl/Shepherd Fld

FDC 5/3763 MRB IAP EASTERN WV RGNL/SHEPHERD FLD, MARTINSBURG, WV. VOR-A, AMDT 10...PROCEDURE NA. 1510272042-1604242042EST.

FDC 5/3653 MRB STAR EASTERN WV REGIONAL AIRPORT, MARTINSBURG, WV., PRIVO ONE ARRIVAL...AMEND TO READ: DAVIX TO OVIEE, MEA 10000. PROCEDURE ENDS AT TWEAK INT. DEPART TWEAK INT HEADING 190, EXPECT RADAR VECTORS TO FINAL APPROACH COURSE. FDK VOR DME R-185 UNUSABLE 1508200400-1602202359.

FDC 5/0098 MRB IAP EASTERN WV RGNL/SHEPHERD FLD, MARTINSBURG, WV. ILS OR LOC RWY 26, AMDT 8B...S-LOC 26 MDA 980/HAT 432 ALL CATS. TEMPORARY CRANE 668 MSL 2.72 NM NE OF RWY 26. 1511090755-1605070755EST.

MILTON

Ona Airpark

FDC 5/2641 12V IAP ONA AIRPARK, MILTON, WV. RNAV (GPS)-A, ORIG...DESCENT ANGLE 3.19/TCH 40 NA. 1508132027-1602092027EST.

MORGANTOWN

Morgantown Muni-Walter L Bill Hart Fld

FDC 5/1985 MGW IAP MORGANTOWN MUNI-WALTER L BILL HART FLD, MORGANTOWN, WV. VOR-A, AMDT 13...PROCEDURE NA. 1510231742-1605271741EST.

MOUNDSVILLE

Marshall County

FDC 5/7432 MPG IAP MARSHALL COUNTY, MOUNDSVILLE, WV. RNAV (GPS) RWY 6, ORIG-A...VDA 3.04/TCH 40 NA. 1509291221-1604151221EST.

FDC 5/6268 MPG IAP MARSHALL COUNTY, MOUNDSVILLE, WV. RNAV (GPS) RWY 6, ORIG-A...DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 6 ORIG-B. 1510141509-PERM.

FDC 5/6267 MPG IAP MARSHALL COUNTY, MOUNDSVILLE, WV. RNAV (GPS) RWY 24, ORIG...DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 24 ORIG-A. 1510141509-PERM.

FDC 5/4274 MPG IAP MARSHALL COUNTY, MOUNDSVILLE, WV. VOR/DME-A, AMDT 2...CHART NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS VOR/DME-A, AMDT 2A. 1510281652-PERM.

PETERSBURG

Grant County

FDC 5/4436 W99 IAP GRANT COUNTY, PETERSBURG, WV. RNAV (GPS) Z RWY 31, ORIG...CHART TDZE 957. LP HAT 1023 ALL CATS. LNAV HAT 1163 ALL CATS.. THIS IS RNAV (GPS) Z RWY 31, ORIG-A. 1510282024-PERM.

FDC 5/4434 W99 IAP GRANT COUNTY, PETERSBURG, WV. VOR/DME-A, AMDT 2A...CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS VOR/DME-A, AMDT 2B. 1510282024-PERM.

FDC 5/4432 W99 IAP GRANT COUNTY, PETERSBURG, WV. LDA/DME-B, AMDT 3A...CIRCLING CAT C MDA 2880/HAA 1917. CHART CIRCLING ICON. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. AIRPORT ELEVATION 963. CHART NOTE: PROCEDURE NA AT NIGHT. THIS IS LDA/DME-B, AMDT 3B. 1510282024-PERM.

PINEVILLE

Kee Field

FDC 5/2495 I16 IAP KEE FIELD, PINEVILLE, WV. GPS RWY 8, ORIG-B...DESCENT ANGLE 3.0/TCH 40 NA. 1508131923-1602091923EST.

FDC 5/2494 I16 IAP KEE FIELD, PINEVILLE, WV. GPS RWY 26, ORIG-B...DESCENT ANGLE 2.89/TCH 40 NA. 1508131923-1602091923EST.

FDC 5/2399 I16 ODP KEE FIELD, PINEVILLE, WV. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...DEPARTURE PROCEDURE NA. 1510261230-1604231230EST.

RAVENSWOOD

Jackson County

FDC 5/5042 I18 IAP JACKSON COUNTY, RAVENSWOOD, WV. RNAV (GPS) RWY 22, ORIG...DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. DELETE NOTE: WHEN VGSI INOPERATIVE, STRAIGHT-IN/CIRCLING RWY 22 NA AT NIGHT. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHART NOTE: NIGHT LANDING: RWY 22 NA.. THIS IS RNAV (GPS) RWY 22 ORIG-A. 1510131103-PERM.

FDC 5/3397 I18 IAP JACKSON COUNTY, RAVENSWOOD, WV. RNAV (GPS) RWY 4, ORIG...LPV DA NA. LNAV/VNAV DA NA. PROCEDURE NA AT NIGHT. VDP NA. 1509181535-1603161535EST.

SPENCER

Boggs Field

FDC 5/9896 USW IAP BOGGS FIELD, SPENCER, WV. RNAV (GPS) RWY 28, AMDT 1A...NOTE: DESCENT ANGLE 3.00/TCH 40 NA. 1508262003-1602222003EST.

SUTTON

Braxton County

FDC 5/6890 481 ODP BRAXTON COUNTY, SUTTON, WV. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKE-OFF MINIMUMS RWY 2 300-1 WITH MINIMUM CLIMB OF 245 FEET PER NM TO 2100 OR 1200-3 FOR CLIMB IN VISUAL CONDITIONS. DEPARTURE PROCEDURE: RWY 2, CLIMB HEADING 014 TO 2200 BEFORE PROCEEDING ON COURSE. FOR CLIMB IN VISUAL CONDITIONS: CROSS BRAXTON COUNTY AIRPORT AT OR ABOVE 2300. WHEN EXECUTING VCOA, NOTIFY ATC PRIOR TO DEPARTURE. ALL OTHER DATA REMAINS AS PUBLISHED. 1506261956-1512231956EST.

WHEELING

Wheeling Ohio Co

FDC 5/1544 HLG IAP WHEELING OHIO CO, WHEELING, WV. RNAV (GPS) RWY 34, ORIG...DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 34 PROCEDURE NA AT NIGHT. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. VDP AT 1.27 MILES TO RW34. NOTE: NIGHT LANDING: RWY 16 NA. 1506191809-1512161809EST.

FDC 4/1197 HLG STAR WHEELING OHIO COUNTY, WHEELING, WV. NESTO FOUR ARRIVAL...PROCEDURE NA 1411130500-1501080500EST.

WISCONSIN

ANTIGO

Langlade County

FDC 5/4644 AIG IAP LANGLADE COUNTY, ANTIGO, WI. RNAV (GPS) RWY 35, AMDT 2A...LPV VIS 1 ALL CATS. LNAV CAT C/D VIS 1 1/4. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WAUSAU DOWNTOWN ALTIMETER SETTING: INCREASE ALL DA 105 FT AND VISIBILITY LPV ALL CATS 1/4 MILE AND LNAV/VNAV ALL CATS 3/4 MILE; INCREASE ALL MDA 120 FT AND VISIBILITY LNAV CAT C/D AND CIRCLING CAT C 1/2 MILE AND CIRCLING CAT D 1/4 MILE. THIS IS RNAV (GPS) RWY 35, AMDT 2B. 1510291158-PERM.

FDC 5/4186 AIG IAP LANGLADE COUNTY, ANTIGO, WI. RNAV (GPS) RWY 27, ORIG-A...LPV VIS 1 ALL CATS. LNAV MDA 2200/HAT 677 ALL CATS, VIS CAT C/D 1 7/8. CIRCLING MDA 2200/HAA 677 ALL CATS, VIS CAT C 2, CAT D 2 1/4. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WAUSAU DOWNTOWN ALTIMETER SETTING AND INCREASE ALL DA 105 FEET AND ALL VISIBILITIES 1/4 MILE; INCREASE ALL MDA 120 FEET, LNAV CAT C/D VISIBILITY 5/8 MILE AND CIRCLING CAT C 1/2 MILE AND CAT D 1/4 MILE. ALTERNATE MINIMUMS STANDARD EXCEPT CAT D 800-2 1/4. 1510281532-1604251532EST.

BARABOO

Baraboo Wisconsin Dells

FDC 5/7091 DLL IAP BARABOO WISCONSIN DELLS, BARABOO, WI. RNAV (GPS) RWY 1, AMDT 1B...LNAV MDA 1560/HAT 581 ALL CATS. CIRCLING CAT A/B MDA 1560/HAA 581. TEMPORARY CRANE 3 NM S OF AIRPORT.. 1510151153-1604121153EST.

FDC 5/7090 DLL IAP BARABOO WISCONSIN DELLS, BARABOO, WI. LOC/DME RWY 1, AMDT 1C...S-LOC RWY 1 MDA 1560/HAT 581 ALL CATS. VDP 2.72 DME. VDP TO THLD 1.7 NM. CIRCLING CAT A/B MDA1560/HAA 581. TEMPORARY CRANE 3 NM S OF AIRPORT.. 1510151153-1604121153EST.

BEAVER DAM

Beaver Dam Community Hospital

FDC 5/6737 WS70 SPECIAL BEAVER DAM COMMUNITY HOSPITAL, BEAVER DAM, WI. COPTER RNAV (GPS) 270, AMDT1...MDA 1460 / HAS 518; IFR DEPARTURE NA 1505271236-1512231236EST.

BOYCEVILLE

Boyceville Muni

FDC 5/4265 3T3 IAP BOYCEVILLE MUNI, BOYCEVILLE, WI. RNAV (GPS) RWY 8, AMDT 1A...DESCENT ANGLE 3.05/TCH 40 NA. 1507131614-1601091610EST.

FDC 5/1628 3T3 IAP BOYCEVILLE MUNI, BOYCEVILLE, WI. RNAV (GPS) RWY 8, AMDT 1A...NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD SYMBOL REPRESENTING VISUAL 34:1 SLOPE IS CLEAR. 1509161555-1604141555EST.

CABLE

Cable Union

FDC 5/6921 3CU IAP CABLE UNION, CABLE, WI. GPS RWY 34, ORIG...NOTE: PROCEDURE NA AT NIGHT. NOTE: CIRCLING NA TO RWYS 08 AND 26. 1509082312-1604062312EST.

CLINTONVILLE

Clintonville Muni

FDC 5/5832 CLI IAP CLINTONVILLE MUNI, CLINTONVILLE, WI. RNAV (GPS) RWY 4, AMDT 1...LPV DA NA. LNAV/VNAV DA NA. LNAV MDA NA.. 1509051314-1604041314EST.

EAST TROY

East Troy Muni

FDC 5/2056 57C IAP EAST TROY MUNI, EAST TROY, WI. RNAV (GPS) RWY 8, ORIG-A...NOTE: PROCEDURE NA AT NIGHT. NOTE: CIRCLING NA TO RWYS 8 AND 36. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 8 NA AT NIGHT. DISREGARD NOTE: NIGHT LANDING: RWY 26 NA. 1511121626-1605101626EST.

EAU CLAIRE

Chippewa Valley Rgnl

FDC 5/9479 EAU IAP CHIPPEWA VALLEY RGNL, EAU CLAIRE, WI. ILS OR LOC RWY 22, AMDT 8A...LOC/DME BC RWY 4, AMDT 9...NDB RWY 22, AMDT 7...RNAV (GPS) RWY 22, ORIG-A...RNAV (GPS) RWY 4, ORIG...CIRCLING CAT B/C MDA 1540/HAA 627, CAT C VISIBILITY 1 3/4.. 1508071721-1603031721EST.

Mayo Clinic Health System-Eau Claire

FDC 5/9562 WS38 SPECIAL MAYO CLINIC HEALTH SYSTEM-EAU CLAIRE, EAU CLAIRE, WI. COPTER GPS 245 DEPARTURE, ORIG...DEPART VISUALLY NA. DEPART VFR. TRACK COURSE 245 DEGREES. CLIMB TO CROSS CULBI AT OR ABOVE 1420 FT PRIOR TO ENTERING IMC 1508071815-1603031815EST.

FDC 5/9560 WS38 SPECIAL MAYO CLINIC HEALTH SYSTEM-EAU CLAIRE, EAU CLAIRE, WI. COPTER RNAV (GPS) 065, ORIG...NOTE: PROCEED VFR FROM CULBI OR CONDUCT SPECIFIED MISSED APPROACH PROCEDURE. 1508071815-1603031815EST.

FOND DU LAC

Fond Du Lac County

FDC 5/5609 FLD ODP FOND DU LAC COUNTY, FOND DU LAC, WI. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1B...NOTE: RWY 18: TREE 2 FT FROM DER, 473 FT LEFT OF CENTERLINE, UP TO 82 FT AGL/852 FT MSL. TREE 2592 FT FROM DER, 631 FT LEFT OF CENTERLINE, UP TO 86 FT AGL/866 FT MSL. TREES 2701 FT FROM DER, 872 FT RIGHT OF CENTERLINE, UP TO 70 FT AGL/885 FT MSL. TREES 3677 FT FROM DER, 1252 RIGHT OF CENTERLINE, UP TO 90 FT AGL/913 FT MSL. NOTE: RWY 36: BLDG 465 FT FROM DER, 467 FT RIGHT OF CENTERLINE, 29 FT AGL/803 FT MSL. TREE 646 FT FROM DER, 413 FT LEFT OF CENTERLINE, 40 FT AGL/817 FT MSL. SIGN 1073 FT FROM DER, 330 FT RIGHT OF CENTERLINE, 40 FT AGL/815 FT MSL. TREE 1598 FT FROM DER, 618 FT LEFT OF CENTERLINE, 50 FT AGL/826 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1509042017-1603022017EST.

FDC 5/4731 FLD IAP FOND DU LAC COUNTY, FOND DU LAC, WI. RNAV (GPS) RWY 36, ORIG-A...LPV DA 1158/HAT 363 ALL CATS. LNAV/VNAV DA 1224/HAT 429, VIS 1 ALL CATS. NOTE: NIGHT LANDING: RWY 09, 27 NA. 1510101803-1604071803EST.

FDC 5/4727 FLD IAP FOND DU LAC COUNTY, FOND DU LAC, WI. LOC/DME RWY 36, ORIG...NOTE: NIGHT LANDING: RWY 09, 27 NA. 1510101800-1604071800EST.

FDC 5/4720 FLD IAP FOND DU LAC COUNTY, FOND DU LAC, WI. VOR/DME RWY 36, AMDT 6B...S-36 CAT A/B VISIBILITY 3/4 MILE. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. NOTE: NIGHT LANDING: RWY 09, 27 NA. 1510101758-1604071758EST.

FDC 5/4715 FLD IAP FOND DU LAC COUNTY, FOND DU LAC, WI. VOR/DME OR GPS RWY 18, AMDT 6C...NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. NOTE: NIGHT LANDING: RWY 09, 27 NA. 1510101752-1604071752EST.

FORT ATKINSON

Fort Atkinson Muni

FDC 5/6861 61C IAP FORT ATKINSON MUNI, FORT ATKINSON, WI. VOR-A, ORIG-C...NOTE: NIGHT LANDING: RWY 3 NA. DISREGARD NOTE: PROCEDURE NA AT NIGHT. 1511021850-1604301850EST.

FDC 5/6860 61C IAP FORT ATKINSON MUNI, FORT ATKINSON, WI. RNAV (GPS) RWY 21, ORIG-A...NOTE: NIGHT LANDING: RWY 3 NA. DISREGARD NOTE: PROCEDURE NA AT NIGHT. CHANGE HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. 1511021850-1604301850EST.

FDC 5/6859 61C IAP FORT ATKINSON MUNI, FORT ATKINSON, WI. RNAV (GPS) RWY 3, ORIG-A...NOTE: NIGHT LANDING: RWY 3 NA. DISREGARD NOTE: PROCEDURE NA AT NIGHT. DISREGARD SYMBOL REPRESENTING VISUAL 34:1 SLOPE IS CLEAR. 1511021850-1604301850EST.

Fort Memorial Hospital

FDC 5/9002 WS34 SPECIAL FORT MEMORIAL HOSPITAL, FORT ATKINSON, WI. COPTER RNAV (GPS) 120, ORIG...MDA 1420 / HAL 580; RECOMMENDED HELIPORT INGRESS 0.04 NM PRIOR TO TAMUW TO HELIPORT; IFR DEPARTURE NA. 1511052155-1605032155EST.

GRANTSBURG

Grantsburg Muni

FDC 5/9597 GTG IAP GRANTSBURG MUNI, GRANTSBURG, WI. VOR/DME-A, AMDT 2...PROCEDURE NA. RZN VOR/DME OUT OF TOLERANCE. 1508261717-1602221717EST.

JUNEAU

Dodge County

FDC 5/9760 UNU ODP DODGE COUNTY, JUNEAU, WI. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKE-OFF MINIMUMS: RWY 20, 300-1 OR STANDARD WITH MINIMUM CLIMB OF 432 FT PER NM TO 1200. NOTE: RWY 2, TREES 509 FT FROM DER, 526 FT LEFT OF CENTERLINE, UP TO 55 FT AGL/969 FT MSL. OL ON WSK, 517 FT FROM DER, 394 FT RIGHT OF CENTERLINE, 14 FT AGL/958 FT MSL. TREES AND POLES BEGINNING 561 FT FROM DER, 536 FT RIGHT OF CENTERLINE, UP TO 47 FT AGL/990 FT MSL. ANTENNA 888 FT FROM DER, 414 FT RIGHT OF CENTERLINE, 23 FT AGL/966 FT MSL. RWY 8, BLDGS BEGINNING 372 FT FROM DER, 390 FT LEFT OF CENTERLINE, UP TO 33 FT AGL/976 FT MSL. TREES BEGINNING 564 FT FROM DER, 363 FT LEFT OF CENTERLINE, UP TO 45 FT AGL/989 FT MSL. POLE 573 FT FROM DER, 454 FT LEFT OF CENTERLINE, 24 FT AGL/967 FT MSL TREES BEGINNING 635 FT FROM DER, 72 FT RIGHT OF CENTERLINE, UP TO 69 FT AGL/987 FT MSL. ANTENNA 995 FT FROM DER, 691 FT RIGHT OF CENTERLINE, 44 FT AGL/962 FT MSL. RWY 26, TREES BEGINNING 664 FT FROM DER, ON CENTERLINE, UP TO 111 FT AGL/1036 FT MSL. POLE 1377 FT FROM DER, 611 FT LEFT OF CENTERLINE, 27 FT AGL/925 FT MSL. TREES BEGINNING 581 FT FROM DER, 111 FT RIGHT OF CENTERLINE, UP TO 86 FT AGL/1009 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1508080010-1603030010EST.

KENOSHA

Kenosha Rgnl

FDC 5/3976 ENW IAP KENOSHA RGNL, KENOSHA, WI. ILS OR LOC RWY 7L, AMDT 3...RNAV (GPS) RWY 15, ORIG...RNAV (GPS) RWY 25R, ORIG...RNAV (GPS) RWY 33, ORIG...RNAV (GPS) RWY 7L, ORIG...VOR RWY 15, AMDT 1...VOR RWY 25R, AMDT 1...NOTE: NIGHT LANDING: RWY 7R, 15 NA. 1507130419-1602090418EST.

LA CROSSE

Franciscan Skemp

FDC 5/5966 68WI SPECIAL FRANCISCAN SKEMP, LA CROSSE, WI. COPTER RNAV (GPS) 330, ORIG...IFR DEPARTURE NA. 1510301957-1604271957EST.

LADYSMITH

Rusk County

FDC 5/7002 RCX IAP RUSK COUNTY, LADYSMITH, WI. RNAV (GPS) RWY 14, ORIG-A...LPV DA NA. LNAV/VNAV DA NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1511031216-1605011206EST.

LAND O' LAKES

Kings Land O' Lakes

FDC 5/5983 LNL ODP KINGS LAND O LAKES, LAND O LAKES, WI. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 4...TAKE-OFF MINIMUMS: RWY 32, 200-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 229 FT PER NM TO 2000, OR ALTERNATIVELY, WITH STANDARD MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1800 FT PRIOR TO DER. ALL OTHER DATA REMAINS AS PUBLISHED. 1506091941-1512061940EST.

FDC 5/1418 LNL IAP KINGS LAND O LAKES, LAND O LAKES, WI. RNAV (GPS) RWY 14, ORIG...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. VDP NA. DISREGARD NOTE: VDP NA WITH EAGLE RIVER UNION ALTIMETER SETTING. DISREGARD NOTE: CIRCLING TO RWY 5, 23, AND 32 NA AT NIGHT. DISREGARD SYMBOL DEPICTING 34:1 IS CLEAR 1507281418-1602241418EST.

FDC 5/1417 LNL IAP KINGS LAND O LAKES, LAND O LAKES, WI. RNAV (GPS) RWY 32, ORIG...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD SYMBOL DEPICTING 34:1 IS CLEAR. DISREGARD NOTE: CIRCLING TO RWYS 5, 23, AND 32 NA AT NIGHT. DISREGARD NOTE: STRAIGHT-IN MINIMUMS NA AT NIGHT. 1507281418-1602241418EST.

MADISON

Dane County Rgnl-Truax Field

FDC 5/7994 MSN IAP DANE COUNTY RGNL-TRUAX FIELD, MADISON, WI. ILS OR LOC/DME RWY 18, AMDT 1D...MISSED APPROACH: CLIMB TO 1400 THEN CLIMBING LEFT TURN TO 3500 ON HEADING 070 AND ON BAE VORTAC R-270 TO DREAR/BAE 33.66 DME AND HOLD, MONAH (MS) LOM OUT OF SERVICE. 1506301448-1512271447EST.

FDC 5/7261 MSN IAP DANE COUNTY RGNL-TRUAX FIELD, MADISON, WI. VOR RWY 14, ORIG-C...DANEE FIX MINIMUMS S-14, MDA 1320/HAT 459 ALL CATS. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1506111321-1512081321EST.

FDC 5/7226 MSN IAP DANE COUNTY RGNL-TRUAX FIELD, MADISON, WI. VOR/DME OR TACAN RWY 14, ORIG-C...NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1506111255-1512081255EST.

FDC 5/7198 MSN IAP DANE COUNTY RGNL-TRUAX FIELD, MADISON, WI. RADAR 1, AMDT 17B...ASR 36, CAT A/B MDA 1420/HAT 558. MISSED APPROACH: RWY 14, CLIMBING RIGHT TURN TO 3400 DIRECT MS LOM/RADAR AND HOLD S, RT, 002.51 INBOUND, CONTINUE CLIMB IN HOLD TO 3400...RWY 18, CLIMB TO 3400 DIRECT MS LOM/RADAR AND HOLD S, RT, 002.51 INBOUND, CONTINUE CLIMB IN HOLD TO 3400...RWY 21 MISSED APPROACH, CLIMBING LEFT TURN TO 3400 DIRECT MS LOM/RADAR AND HOLD S, RT, 002.51 INBOUND, CONTINUE CLIMB IN HOLD TO 3400...NOTE: RWY 14, HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1506111238-1512081238EST.

FDC 5/4742 MSN IAP DANE COUNTY RGNL-TRUAX FIELD, MADISON, WI. VOR/DME OR TACAN RWY 32, ORIG-C...S-32 MDA 1480/HAT 619 ALL CATS, CAT C VISIBILITY 1 3/4. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. TDZE 862. 1508190633-1603150633EST.

FDC 5/2732 MSN IAP DANE COUNTY RGNL-TRUAX FIELD, MADISON, WI. RNAV (GPS) RWY 36, AMDT 2C...LNAV MDA 1400/HAT 538 ALL CATS, VISIBILITY CAT C/D RVR 5500 TEMPORARY CRANE 1088 MSL 1.6 NM S OF RWY 36.. 1509171732-1603121732EST.

FDC 5/0034 MSN IAP U.S. DOD DANE COUNTY RGNL-TRUAX FIELD, MADISON, WI. HI TACAN RWY 36, AMDT 1...S-36 MDA 1400/HAT 538 ALL CATS, RVR 5500 ALL CATS. TEMPORARY CRANE, 1088 MSL 1.6 NM S OF RWY 36.. 1509141136-1603121136EST.

FDC 5/0032 MSN IAP DANE COUNTY RGNL-TRUAX FIELD, MADISON, WI. VOR RWY 36, ORIG-A...ISMUZ FIX MINIMUMS: S-36 MDA 1400/HAT 538 ALL CATS. 1509141136-1603121136EST.

FDC 5/0029 MSN IAP DANE COUNTY RGNL-TRUAX FIELD, MADISON, WI. ILS OR LOC/DME RWY 36, AMDT 1C...S-LOC 36 MDA 1380/HAA 518 ALL CATS, VISIBILITY CAT C/D/E RVR 5500 TEMPORARY CRANE 1088 MSL 1.6 NM S OF RWY 36.. 1509141136-1603121136EST.

Uw Hospital & Clinics

FDC 5/9006 WS27 SPECIAL UW HOSPITAL & CLINICS, MADISON, WI. COPTER RNAV GPS 217, ORIG...MDA 1360 / HAL 362; IFR DEPARTURE NA. 1511052211-1605032211EST.

MARSHFIELD

Marshfield Muni

FDC 5/9453 MFI IAP MARSHFIELD MUNI, MARSHFIELD, WI. SDF RWY 34, AMDT 6B...RADAR REQUIRED FOR PROCEDURE ENTRY EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, STE VORTAC OUT OF SERVICE. 1511061640-1605041640EST.

FDC 5/6053 MFI IAP MARSHFIELD MUNI, MARSHFIELD, WI. NDB RWY 5, AMDT 14A...S-5 MINIMUMS NA. 1510302007-1604272007EST.

MAUSTON

Mile Bluff Medical Center

FDC 5/9651 WN02 SPECIAL MILE BLUFF MEDICAL CENTER, MAUSTON, WI. COPTER RNAV (GPS) 181, ORIG...CROSS SUDOW AT 2200. MISSED APPROACH: CLIMBING RIGHT TURN TO 2600 DIRECT NIDZU AND HOLD, PROCEED VFR FROM HONHU OR CONDUCT THE SPECIFIED MISSED APPROACH. MDA 1440/HAS 510. IFR DEPARTURE NA.. 1510011719-1603291719EST.

MIDDLETON

Middleton Muni - Morey Field

FDC 5/2356 C29 ODP MIDDLETON MUNI - MOREY FIELD, MIDDLETON, WI. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TEXTUAL DEPARTURE PROCEDURE. TAKEOFF OBSTACLE NOTES: NOTE RWY 10, MULTIPLE TREES BEGINNING 584 FT FROM DER, 518 FT RIGHT OF CENTERLINE, 100 FT AGL/953 FT MSL. TREES BEGINNING 1152 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, 100 FT AGL/1005 FT MSL.. ALL OTHER DATA REMAINS AS PUBLISHED. 1511122220-1605102220EST.

MILWAUKEE

General Mitchell Intl

FDC 5/4934 MKE IAP GENERAL MITCHELL INTL, MILWAUKEE, WI. RNAV (GPS) RWY 31, ORIG...CIRCLING CAT A-C HAA 511, CAT D HAA 551. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. CHART APT EL 729. ALTERNATE MINIMUMS: STANDARD. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WIPED ON V191 NORTHBOUND. THIS IS RNAV (GPS) RWY 31, ORIG-A. 1510291550-PERM.

FDC 5/4931 MKE IAP GENERAL MITCHELL INTL, MILWAUKEE, WI. RNAV (GPS) RWY 25R, ORIG-A...LNAV HAT 485 ALL CATS. CIRCLING CAT A-C HAA 511, CAT D HAA 551. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. CHART VDP AT 1.39 MILES TO RW25R. CHART TDZE 675. CHART APT EL 729. ALTERNATE MINIMUMS: STANDARD. DELETE PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. DELETE NOTE: PROCEDURE NA FOR ARRIVAL AT PETTY ON V170 SOUTHWEST BOUND. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT PETTY ON V170 SOUTHEAST BOUND. THIS IS RNAV (GPS) RWY 25R, ORIG-B. 1510291549-PERM.

FDC 5/4929 MKE IAP GENERAL MITCHELL INTL, MILWAUKEE, WI. RNAV (GPS) RWY 19L, ORIG...LNAV HAT 445 ALL CATS. CIRCLING CAT A-C HAA 511, CAT D HAA 551. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. CHART TDZE 675. CHART APT EL 729. ALTERNATE MINIMUMS: STANDARD. DELETE PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON BAE VORTAC AIRWAY RADIALS 022 CW 142. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON BAE VORTAC AIRWAY RADIALS 001 CW 163. THIS IS RNAV (GPS) RWY 19L, ORIG-A. 1510291548-PERM.

FDC 5/4928 MKE IAP GENERAL MITCHELL INTL, MILWAUKEE, WI. RNAV (GPS) RWY 13, ORIG...LNAV HAT 469 ALL CATS. CIRCLING CAT A-C HAA 511, CAT D HAA 551. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. CHART TDZE 671. CHART APT EL 729. ALTERNATE MINIMUMS: STANDARD. DELETE PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON BAE VORTAC AIRWAY RADIALS 049 CW 169. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON BAE VORTAC AIRWAY RADIALS 085 CW 191. THIS IS RNAV (GPS) RWY 13, ORIG-A. 1510291547-PERM.

FDC 5/4924 MKE IAP GENERAL MITCHELL INTL, MILWAUKEE, WI. RNAV (GPS) RWY 7L, ORIG...CIRCLING CAT A-C HAA 511, CAT D HAA 551. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. CHART VDP AT 1.32 MILES TO RW07L. CHART APT EL 729. ALTERNATE MINIMUMS: STANDARD. DELETE PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON BAE VORTAC AIRWAY RADIALS 103 CW 223. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON BAE VORTAC AIRWAY RADIALS 085 CW 226. THIS IS RNAV (GPS) RWY 7L, ORIG-A. 1510291544-PERM.

FDC 5/0166 MKE SID GENERAL MITCHELL INTL, MILWAUKEE, WI. UECKR ONE DEPARTURE (RNAV)...NOTE: DISREGARD VERTICAL PLANNING INFORMATION NOTE EXPECT 8000 AT PRFEC. ALL OTHER DATA REMAINS AS PUBLISHED. 1504211259-1512211259EST.

FDC 5/0165 MKE SID GENERAL MITCHELL INTL, MILWAUKEE, WI. ACCRA ONE DEPARTURE (RNAV)...NOTE: DISREGARD VERTICAL PLANNING INFORMATION NOTE EXPECT 8000 AT FANZI. ALL OTHER DATA REMAINS AS PUBLISHED. 1504211259-1512211259EST.

Lawrence J Timmerman

FDC 5/7553 MWC IAP LAWRENCE J TIMMERMAN, MILWAUKEE, WI. RNAV (GPS) RWY 15L, ORIG-B...RNAV (GPS) RWY 22R, ORIG-C...RNAV (GPS) RWY 4L, ORIG-B...VOR RWY 15L, AMDT 14B...VOR RWY 4L, AMDT 9B...NOTE: NIGHT LANDING: RWY 4L NA. DISREGARD NOTE: WHEN VGSI INOPERATIVE, PROCEDURE NA AT NIGHT. DISREGARD NOTE: CIRCLING TO RWY 4R, 15R, 22L, 33L NA AT NIGHT. 1511032133-1605012133EST.

FDC 5/7549 MWC IAP LAWRENCE J TIMMERMAN, MILWAUKEE, WI. LOC RWY 15L, AMDT 6B...NOTE: NIGHT LANDING: RWY 4L NA. DISREGARD NOTE: NIGHT LANDING: RWY 4L/R, 15L, 22L/R, 33L/R NA. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. 1511032132-1605012132EST.

FDC 5/2365 MWC IAP LAWRENCE J TIMMERMAN, MILWAUKEE, WI. VOR RWY 15L, AMDT 14B...VOR RWY 4L, AMDT 9B...ALTERNATE MINIMUMS NA, LJT VOR/DME UNMONITORED. 1511122225-1512162225EST.

MINOCQUA-WOODRUFF

Lakeland/Noble F Lee Memorial Field

FDC 5/6730 ARV IAP LAKELAND/NOBLE F. LEE MEMORIAL FIELD, MINOCQUA-WOODRUFF, WI. LOC RWY 36, AMDT 1...RNAV (GPS) RWY 18, ORIG...RNAV (GPS) RWY 36, ORIG...NOTE: NIGHT LANDING: RWY 10, 28 NA. 1511021801-1604301801EST.

FDC 5/6729 ARV IAP LAKELAND/NOBLE F. LEE MEMORIAL FIELD, MINOCQUA-WOODRUFF, WI. RNAV (GPS) RWY 28, ORIG...NOTE: NIGHT LANDING: RWY 10, 28 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD SYMBOL REPRESENTING VISUAL 34:1 SLOPE IS CLEAR. 1511021801-1604301801EST.

FDC 5/6727 ARV IAP LAKELAND/NOBLE F LEE MEMORIAL FIELD, MINOCQUA-WOODRUFF, WI. LOC RWY 36, AMDT 1...DISREGARD ALL REFERENCE TO I-DOF DME. EBIWE FIX MINIMUMS NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, I-DOF DME OTS. 1511021757-1604301757EST.

FDC 5/0672 ARV IAP LAKELAND/NOBLE F LEE MEMORIAL FIELD, MINOCQUA-WOODRUFF, WI. LOC RWY 36, AMDT 1...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. DOUGY (DO) LOM OUT OF SERVICE. 1507061929-1601021929EST.

MONROE

Monroe Muni

FDC 5/9990 EFT IAP MONROE MUNI, MONROE, WI. VOR/DME RWY 30, AMDT 8A...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1507240338-1601200337EST.

FDC 5/9988 EFT IAP MONROE MUNI, MONROE, WI. RNAV (GPS) RWY 12, ORIG-A...RNAV (GPS) RWY 30, ORIG-A...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. VDP NA. DISREGARD SYMBOL DEPICTING 34:1 IS CLEAR. DISREGARD NOTE: VDP NA WHEN USING ALBERTUS ALTIMETER SETTING. 1507240337-1601200336EST.

MOSINEE

Central Wisconsin

FDC 5/9981 CWA IAP CENTRAL WISCONSIN, MOSINEE, WI. ILS OR LOC RWY 35, AMDT 2B...RADAR REQUIRED FOR PROCEDURE ENTRY EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. STE VOR OUT OF SERVICE. 1507240333-1601200332EST.

FDC 5/9662 CWA IAP CENTRAL WISCONSIN, MOSINEE, WI. RNAV (GPS) RWY 26, AMDT 1A...LPV DA 1510, VIS 3/4 ALL CATS. LNAV/VNAV DA 1730 ALL CATS. LNAV HAT 420 ALL CATS. DELETE NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 26 NA AT NIGHT. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WAUSAU ALTIMETER SETTING AND INCREASE ALL DA 32 FEET AND ALL MDA 40 FEET; AND INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY 1/8 MILE AND LNAV CAT C/D 1/4 MILE. CHART NOTE: VDP NA WHEN USING WAUSAU ALTIMETER SETTING. CHART VDP AT 1.17 MILES TO RW26*. 34:1 IS CLEAR. TDZE 1260. THIS IS RNAV (GPS) RWY 26, AMDT 1B. 1510202141-PERM.

NEW RICHMOND

New Richmond Rgnl

FDC 5/0278 RNH IAP NEW RICHMOND RGNL, NEW RICHMOND, WI. RNAV (GPS) RWY 14, AMDT 2B...DELETE NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 14 PROCEDURE NA. CHANGE HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. ADD NOTE: CIRCLING TO RWY 4, 22 NA. THIS IS RNAV (GPS) RWY 14, AMDT 2C. 1509141658-PERM.

OSCEOLA

L O Simenstad Muni

FDC 5/4399 OEO IAP L O SIMENSTAD MUNI, OSCEOLA, WI. RNAV (GPS) RWY 10, ORIG-A...CHANGE TAA TO READ: FROM 013/15 CW 193/15 TO WESUS (IF/IAF) MINIMUM ALTITUDE 3100. ALL OTHER TAA DATA REMAINS AS PUBLISHED. 1509022126-1602292126EST.

PARK FALLS

Park Falls Muni

FDC 5/1026 PKF ODP PARK FALLS MUNI, PARK FALLS, WI. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKE-OFF MINIMUMS: RWY 18, STANDARD. RWY 36, 300 - 2 1/4 OR STANDARD WITH A MINIMUM CLIMB OF 230 FEET PER NM TO 1900 OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FEET PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 2100 FEET PRIOR TO DER. DEPARTURE PROCEDURE: RWY 18, CLIMB HEADING 184 TO 3400 FEET BEFORE TURNING EAST. RWY 36, CLIMB HEADING 004 TO 3400 FEET BEFORE TURNING EAST. NOTE: RWY 18, TREES BEGINNING 223 FEET FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 60 FEET AGL / 1622 FEET MSL. ROAD BEGINNING 413 FEET FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 17 FEET AGL / 1513 FEET MSL. RWY 36, TREES AND MULTIPLE TRANSMISSION TOWERS BEGINNING 98 FEET FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 60 FEET AGL / 1651 FEET MSL. 1508111820-1602071819EST.

PHILLIPS

Price County

FDC 5/7913 PBH IAP PRICE COUNTY, PHILLIPS, WI. RNAV (GPS) RWY 19, ORIG-B...NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. NOTE: NIGHT LANDING: RWY 6, 24 NA. DISREGARD NOTE: CIRCLING TO RWY 6/24 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 19 PROCEDURE NA AT NIGHT. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. 1511041516-1605021516EST.

PORTAGE

Portage Muni

FDC 5/9506 C47 IAP PORTAGE MUNI, PORTAGE, WI. RNAV (GPS)-A, ORIG...CHANGE HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1508071743-1603031742EST.

FDC 5/7528 C47 ODP PORTAGE MUNI, PORTAGE, WI. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TAKE-OFF MINIMUMS: RWY 22, STANDARD WITH A MINIMUM CLIMB OF 270 FT PER NM TO 1000. DEPARTURE PROCEDURE: RWY 17 CLIMB ON HEADING 178 TO 1800 BEFORE PROCEEDING ON COURSE. RWY 22, CLIMB ON HEADING 223 TO 1800 BEFORE PROCEEDING ON COURSE. ALL OTHER DATA REMAINS AS PUBLISHED. 1507191843-1602151843EST.

PRAIRIE DU CHIEN

Prairie Du Chien Muni

FDC 5/8918 PDC IAP PRAIRIE DU CHIEN MUNI, PRAIRIE DU CHIEN, WI. VOR/DME RWY 29, AMDT 8B...PROCEDURE NA. 1505281845-1512241845EST.

FDC 5/8915 PDC IAP PRAIRIE DU CHIEN MUNI, PRAIRIE DU CHIEN, WI. VOR/DME RWY 29, AMDT 8B...NOTE: NIGHT LANDING: RWY 11, 29, 32 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. 1505281843-1512241843EST.

RACINE

John H Batten

FDC 5/6427 RAC IAP JOHN H BATTEN, RACINE, WI. RNAV (GPS) RWY 32, ORIG-A...NOTE: NIGHT LANDING RWYS 14, 22 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. DISREGARD NOTE: STRAIGHT-IN/CIRCLING RWY 32 PROCEDURE NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 14 AND 22 NA AT NIGHT. 1511021301-1604301301EST.

FDC 5/6426 RAC IAP JOHN H BATTEN, RACINE, WI. RNAV (GPS) RWY 22, ORIG-A...NOTE: NIGHT LANDING RWYS 14 AND 22 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 14 PROCEDURE NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 22 PROCEDURE NA AT NIGHT. DISREGARD NOTE: CIRCLING RWY 32 PROCEDURE NA AT NIGHT. 1511021301-1604301301EST.

FDC 5/6425 RAC IAP JOHN H BATTEN, RACINE, WI. RNAV (GPS) RWY 4, ORIG-A...VOR RWY 4, AMDT 1C...NOTE: NIGHT LANDING RWYS 14, 22 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 4 PROCEDURE NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 14 AND RWY 22 NA AT NIGHT. DISREGARD NOTE: CIRCLING RWY 32 NA AT NIGHT. 1511021301-1604301301EST.

FDC 5/6424 RAC IAP JOHN H BATTEN, RACINE, WI. ILS OR LOC RWY 4, AMDT 4E...NOTE: NIGHT LANDING RWYS 14, 22 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DISREGARD NOTE: CIRCLING TO RWY 32 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 14 AND RWY 22 NA AT NIGHT. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN MINIMUMS NA AT NIGHT. 1511021301-1604301301EST.

RHINELANDER

Rhineland-Oneida County

FDC 5/5850 RHI IAP RHINELANDER-ONEIDA COUNTY, RHINELANDER, WI. VOR RWY 9, AMDT 4E...PROCEDURE NA. 1510301910-1604271908EST.

RICE LAKE

Lakeview Medical Center

FDC 5/0237 62WI SPECIAL LAKEVIEW MEDICAL CENTER, RICE LAKE, WI. COPTER RNAV (GPS) 190, ORIG...IFR DEPARTURE NA. 1507241835-1601201835EST.

RICHLAND CENTER

Richland Hospital

FDC 5/9654 26WN SPECIAL RICHLAND HOSPITAL, RICHLAND CENTER, WI. COPTER RNAV (GPS) 168, ORIG...CROSS FEVAC AT 2200. STEPDOWN 0.6 NM TO DOBXE NA. PROCEED VFR FROM DOBXE OR CONDUCT THE SPECIFIED MISSED APPROACH. MDA 1660/HAS 569. IFR DEPARTURE NA.. 1510011722-1603291722EST.

SHAWANO

Shawano Muni

FDC 5/6060 EZS IAP SHAWANO MUNI, SHAWANO, WI. RNAV (GPS) RWY 12, ORIG-A...CHANGE ZASRU MINIMUM ALTITUDE TO 2900. CHANGE HOLD IN LIEU OF PT AT ZASRU MINIMUM ALTITUDE TO 2900. CHANGE TAA FROM 024/8 CW 204/8 TO ZASRU MINIMUM ALTITUDE TO 2900. 1510302016-1604272015EST.

FDC 5/6058 EZS IAP SHAWANO MUNI, SHAWANO, WI. RNAV (GPS) RWY 30, ORIG-B...LNAV MDA 1620/HATH 810 ALL CATS. VISIBILITY CAT B 1 1/4, CAT C/D 2 1/2. CIRCLING MDA 1620/HAA 807 ALL CATS. VISIBILITY CAT B 1 1/4, CAT C 2 1/2. CHANGE LOCAL ALTIMETER NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GREEN BAY ALTIMETER SETTING AND INCREASE ALL DA 77 FEET AND ALL MDA 80 FEET AND INCREASE LPV ALL CATS, LNAV/VNAV ALL CATS, LNAV CAT A, CIRCLING CAT C 1/4 MILE, AND CIRCLING CAT D 1/2 MILE. ALTERNATE MINIMUMS: CAT A/B 900-2, CAT C/D 900-2 1/2, EXCEPT NA WHEN LOCAL WEATHER NOT AVAILABLE. 1510302013-1604272013EST.

SOLON SPRINGS

Solon Springs Muni

FDC 5/6970 OLG IAP SOLON SPRINGS MUNI, SOLON SPRINGS, WI. RNAV (GPS) RWY 19, ORIG...NOTE: NIGHT LANDING RWY 19 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD SYMBOL DEPICTING 34:1 IS CLEAR. 1505060346-1512020345EST.

STEVENS POINT

Stevens Point Muni

FDC 5/4904 STE IAP STEVENS POINT MUNI, STEVENS POINT, WI. ILS OR LOC RWY 21, ORIG-A...MISSED APPROACH: CLIMB TO 2500 THEN CLIMBING RIGHT TURN TO 3000 DIRECT AUW VORTAC AND HOLD N, RT, 193.46 INBOUND., STE VORTAC OUT OF SERVICE. 1505211433-1512171432EST.

FDC 5/4133 STE IAP STEVENS POINT MUNI, STEVENS POINT, WI. RNAV (GPS) RWY 3, ORIG-A...RNAV/VNAV DA 1589/481 HAT. WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MOSINEE ALTIMETER SETTING AND INCREASE LPV DA TO 1468 FEET, LNAV/VNAV DA TO 1648 FEET, INCREASE ALL MDA 60 FEET, INCREASE LPV AND LNAV/VNAV VISIBILITY ALL CATS 1/4 MILE, INCREASE LNAV CAT C VISIBILITY 1/4 MILE AND CIRCLING CAT C AND D VISIBILITY 1/4 MILE. 1507131406-1602091406EST.

SUPERIOR

Richard I Bong

FDC 5/8944 SUW IAP RICHARD I BONG, SUPERIOR, WI. RNAV (GPS) RWY 32, ORIG-A...DISREGARD NOTE: CIRCLING RWY 22 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 32 PROCEDURE NA AT NIGHT. 1505281849-1511241849EST.

FDC 5/8943 SUW IAP RICHARD I BONG, SUPERIOR, WI. RNAV (GPS) RWY 22, ORIG-A...DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 32 NA AT NIGHT. DISREGARD NOTE: STRAIGHT-IN/CIRCLING RWY 22 PROCEDURE NA AT NIGHT. 1505281849-1511241849EST.

FDC 5/8942 SUW IAP RICHARD I BONG, SUPERIOR, WI. RNAV (GPS) RWY 14, ORIG-A...RNAV (GPS) RWY 4, ORIG-A...DISREGARD NOTE: CIRCLING RWY 22 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 32 NA AT NIGHT. 1505281849-1511241849EST.

FDC 5/3655 SUW IAP RICHARD I BONG, SUPERIOR, WI. RNAV (GPS) RWY 14, ORIG-A...RNAV (GPS) RWY 22, ORIG-A...RNAV (GPS) RWY 32, ORIG-A...RNAV (GPS) RWY 4, ORIG-A...DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 32 PROCEDURE NA. DISREGARD NOTE: CIRCLING TO RWY 22 NA AT NIGHT. NOTE: NIGHT LANDING RWY 32 NA.. 1511161826-1605141826EST.

TOMAHAWK

Tomahawk Rgnl

FDC 5/8953 TKV IAP TOMAHAWK RGNL, TOMAHAWK, WI. RNAV (GPS) RWY 27, AMDT 2A...NOTE: PROCEDURE NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 9 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 27 PROCEDURE NA AT NIGHT. 1505281851-1511241851EST.

FDC 5/8948 TKV IAP TOMAHAWK RGNL, TOMAHAWK, WI. RNAV (GPS) RWY 9, AMDT 2B...NOTE: PROCEDURE NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 27 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 9 PROCEDURE NA AT NIGHT. 1505281851-1511241851EST.

VIROQUA

Viroqua Muni

FDC 5/3386 Y51 IAP VIROQUA MUNI, VIROQUA, WI. RNAV (GPS) RWY 29, ORIG-A...NIGHT LANDING RWY 29 NA.. 1510271535-1604241535EST.

WATERTOWN

Watertown Muni

FDC 5/4307 RYV IAP WATERTOWN MUNI, WATERTOWN, WI. NDB RWY 5, AMDT 1C...RNAV (GPS) RWY 29, ORIG...VOR/DME RWY 29, ORIG-B...CIRCLING RWY 23 NA AT NIGHT...1510281738-1604251738EST.

FDC 5/4306 RYV IAP WATERTOWN MUNI, WATERTOWN, WI. NDB RWY 23, AMDT 2...PROCEDURE NA AT NIGHT...1510281738-1604251738EST.

FDC 5/3090 RYV IAP WATERTOWN MUNI, WATERTOWN, WI. RNAV (GPS) RWY 23, ORIG...NOTE: NIGHT LANDING: RWY 23 NA. DISREGARD NOTE: STRAIGHT-IN MINIMUMS TO RWY 23 AND CIRCLING TO RWY 5/23 NA AT NIGHT. 1510271319-1604241319EST.

FDC 5/3086 RYV IAP WATERTOWN MUNI, WATERTOWN, WI. RNAV (GPS) RWY 11, ORIG...NOTE: NIGHT LANDING: RWY 23 NA. DISREGARD NOTE: CIRCLING TO RWY 5/23 NA AT NIGHT. 1510271319-1604241319EST.

FDC 5/3084 RYV IAP WATERTOWN MUNI, WATERTOWN, WI. NDB RWY 5, AMDT 1C...S-5 MDA 1460/HAT 639 ALL CATS. CIRCLING CAT A/B/C MDA 1460/HAA 627. NOTE: NIGHT LANDING RWY 5, 23 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1510271318-1604241318EST.

FDC 5/3080 RYV IAP WATERTOWN MUNI, WATERTOWN, WI. NDB RWY 23, AMDT 2...RNAV (GPS) RWY 29, ORIG...VOR/DME RWY 29, ORIG-B...NOTE: NIGHT LANDING: RWY 23 NA. 1510271317-1604241317EST.

WAUPUN

Waupun Memorial Hospital

FDC 5/6740 WS75 SPECIAL WAUPUN MEMORIAL HOSPITAL, WAUPUN, WI. COPTER RNAV (GPS) 102, ORIG...MDA 1460/HAS 516. IFR DEPARTURE NA. 1505271236-1512231236EST.

WEST BEND

West Bend Muni

FDC 5/1042 ETB IAP WEST BEND MUNI, WEST BEND, WI. RNAV (GPS) RWY 6, ORIG-B...LNAV MDA 1460/HAT 573 ALL CATS. CIRCLING CAT A/B MDA 1460/HAA 573. 1508111901-1602071901EST.

WYOMING

BIG PINEY

Miley Memorial Field

FDC 5/7596 BPI IAP MILEY MEMORIAL FIELD, BIG PINEY, WY. GPS RWY 31, ORIG-B...VOR RWY 31, AMDT 3D...NOTE: NIGHT LANDING RWY 8/26 NA. 1506111822-1512081822EST.

CASPER

Casper/Natrona County Intl

FDC 5/4268 CPR IAP CASPER/NATRONA COUNTY INTL, CASPER, WY. ILS OR LOC RWY 8, AMDT 25B...S-ILS MINIMUMS NA. 1510281634-1604251634EST.

JACKSON

Jackson Hole

FDC 5/4096 JAC IAP JACKSON HOLE, JACKSON, WY. ILS Y OR LOC RWY 19, ORIG-A...ADD S-ILS 19 WITH MISSED APPROACH MINIMUM CLIMB OF 235 FT PER NM TO 10600; DA 6651/HATH 200, VIS 3/4 ALL CATS. MISSED APPROACH CLIMB TO 6900 BEFORE TURNING RIGHT ON JAC R192 REQUIRED FOR 200 FT HATH ILS. FLY VISUAL DOES NOT APPLY TO 235 FT PER NM MISSED APPROACH CLIMB MINIMUMS.. 1508181352-1602141352EST.

FDC 5/0749 JAC ODP JACKSON HOLE, JACKSON, WY. GEYSER FOUR DEPARTURE...DME REQUIRED. ALL OTHER DATA REMAINS AS PUBLISHED. 1510051356-1604021356EST.

NEWCASTLE

Mondell Field

FDC 5/9019 ECS IAP MONDELL FIELD, NEWCASTLE, WY. VOR RWY 32, AMDT 4A...STRAIGHT-IN MINIMUMS NA. 1508261141-1602221141EST.

FDC 5/8959 ECS IAP MONDELL FIELD, NEWCASTLE, WY. RNAV (GPS) RWY 32, AMDT 1...STRAIGHT-IN MINIMUMS NA 1508261140-1602221140EST.

PINEDALE

Ralph Wenz Field

FDC 5/7931 PNA IAP RALPH WENZ FIELD, PINEDALE, WY. NDB-A, ORIG...DELETE NOTE: PROCEDURE NA AT NIGHT. CIRCLING MDA 7940/HAA 838 ALL CATS, CAT A VIS 1 1/4, CAT C VIS 2 1/2, CAT D VIS 2 3/4. ALTERNATE MINIMUMS: CAT A/B 900-2, CAT C 900-2 1/2, CAT D 900-2 3/4, AND NA WHEN LOCAL WEATHER NOT AVAILABLE. THIS IS NDB-A, ORIG-A. 1511041533-PERM.

POWELL

Powell Muni

FDC 5/3157 POY IAP POWELL MUNI, POWELL, WY. RNAV (GPS) RWY 31, ORIG-A...CHART NOTE: CIRCLING NA TO RWYS 3, 17, 21 AND 35. THIS IS RNAV (GPS) RWY 31, ORIG-B. 1510271340-PERM.

FDC 5/3156 POY IAP POWELL MUNI, POWELL, WY. RNAV (GPS) RWY 13, ORIG-A...CHART NOTE: CIRCLING NA TO RWYS 3, 17, 21 AND 35. THIS IS RNAV (GPS) RWY 13, ORIG-B. 1510271340-PERM.

RAWLINS

Rawlins Muni/Harvey Field

FDC 5/3707 RWL ODP RAWLINS MUNI/HARVEY FIELD, RAWLINS, WY. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 4.TAKEOFF MINIMUMS: RWY 4, 600-2 OR STANDARD WITH A MINIMUM CLIMB OF 440 FT PER NM TO 7500. RWY 22, STANDARD WITH A MINIMUM CLIMB OF 385 FT PER NM TO 8700. NOTE: RWY 4, NAVAIDS 13 FT FROM DER, 123 FT LEFT AND RIGHT OF CENTERLINE UP TO 6820 FT MSL. TERRAIN BEGINNING 13 FT FROM DER, 125 FT LEFT AND RIGHT OF CENTERLINE, UP TO 6919 FT MSL. TREE 151 FT FROM DER, 150 FT RIGHT OF CENTERLINE, 6823 FT MSL. UTILITY POLE 204 FT FROM DER, 426 FT LEFT OF CENTERLINE, 4 FT AGL/6842 FT MSL. TREE 441 FT FROM DER, 222 FT RIGHT OF CENTERLINE, 6829 FT MSL. VEHICLES 347 FT FROM DER, CROSSING LEFT AND RIGHT OF CENTERLINE, UP TO 15 FT AGL/6868 FT MSL. FENCE BEGINNING 837 FT FROM DER, 597 FT LEFT AND RIGHT OF CENTERLINE 15 FT AGL/6890 FT MSL. VEHICLES BEGINNING 194 FT FROM DER, CROSSING LEFT AND RIGHT OF CENTERLINE, 15 FT AGL/6931 FT MSL. VERTICAL STRUCTURE BEGINNING 1303 FT FROM DER, 651 FT LEFT OF CENTERLINE, UP TO 6890 FT MSL. RWY 22, VEHICLES BEGINNING 1 FT FROM DER, CROSSING LEFT AND RIGHT OF CENTERLINE, 15 FT AGL/6760 FT MSL. BUILDINGS BEGINNING 182 FT FROM DER, 378 FT RIGHT OF CENTERLINE, UP TO 12 FT AGL/6757 FT MSL. POLES BEGINNING 207 FT FROM DER, 489 FT RIGHT OF CENTERLINE, UP TO 24FT AGL/6769 FT MSL. TRANSMISSION LINE TOWER 340 FT FROM DER, 324 FT ALL OTHER DATA REMAINS AS PUBLISHED. RIGHT OF CENTERLINE, 32 FT AGL/6774 FT MSL. TANKS BEGINNING 616 FT FROM DER, 578 FT RIGHT OF CENTERLINE, UP TO 42 FT AGL/6769 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1510271953-1604241953EST

SHERIDAN

Sheridan County

FDC 5/9826 SHR IAP SHERIDAN COUNTY, SHERIDAN, WY. ILS OR LOC/DME RWY 33, AMDT 2...ADD PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT. 1507021556-1512291556EST.

ROCK SPRINGS

Rock Springs-Sweetwater County

FDC 5/5464 RKS IAP ROCK SPRINGS-SWEETWATER COUNTY, ROCK SPRINGS, WY. ILS OR LOC/DME RWY 27, AMDT 1A...RNAV (GPS) RWY 27, AMDT 1...RNAV (GPS) RWY 9, ORIG...VOR/DME RWY 27, AMDT 2...VOR/DME RWY 9, AMDT 3...NOTE: NIGHT LANDING RWY 21 NA. 1506091407-1512061407EST.

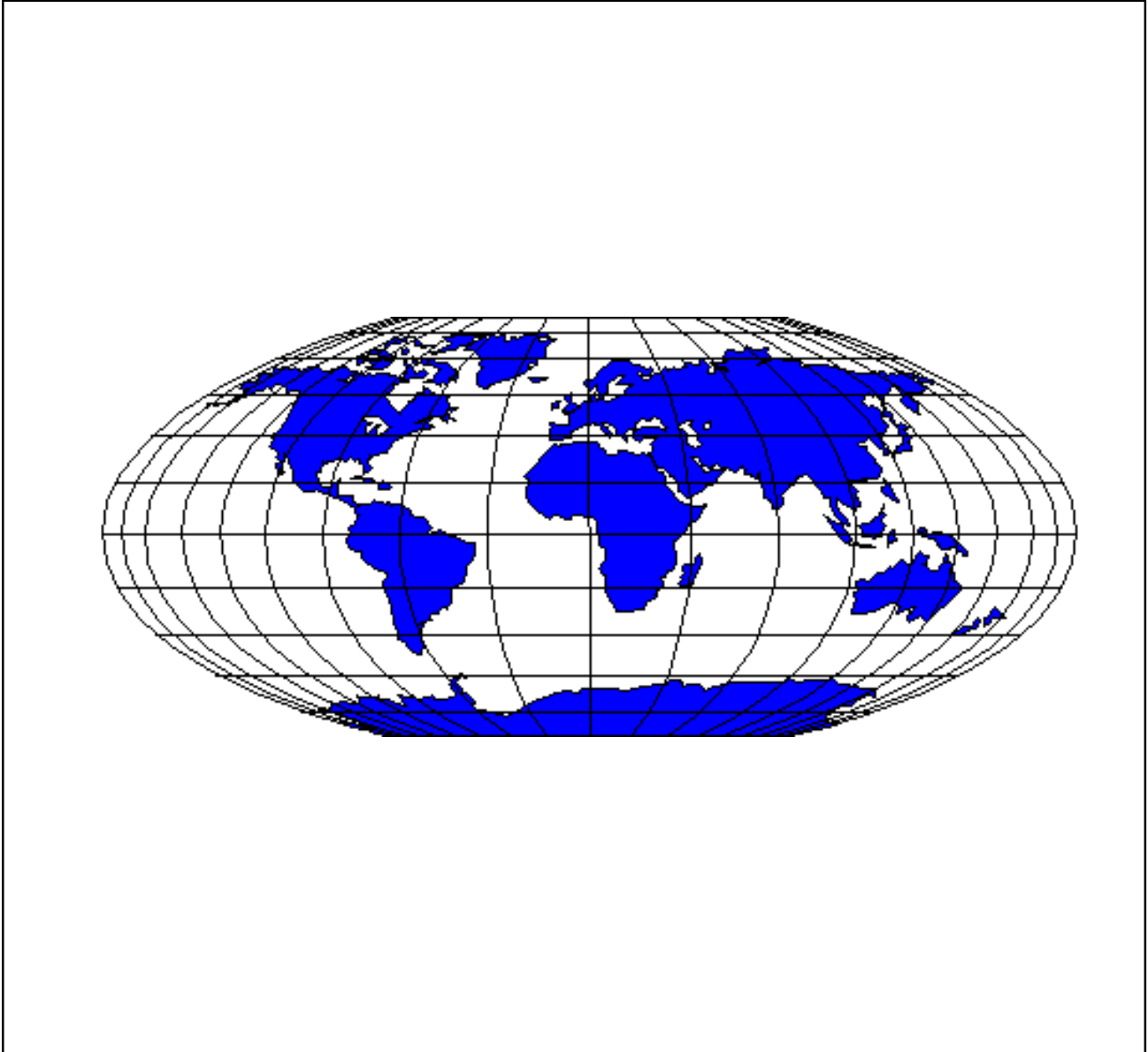
SARATOGA

Shively Field

FDC 5/9881 SAA ODP SHIVELY FIELD, SARATOGA, WY. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKEOFF OBSTACLES: NOTE: RWY 5: ROAD BEGINNING 81 FEET FROM DER, 507 FEET LEFT OF CENTERLINE, UP TO 15 FEET AGL/6867 FEET MSL. WIND SOCK 130 FEET FROM DER, 506 FEET RIGHT OF CENTERLINE, 22 FEET AGL/6880 FEET MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1507021743-1512291743EST.

Part 1. FDC NOTAMs

Section 3. General NOTAMs



Shaded text indicates new or revised NOTAMs.

FDC 5/5996 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART H-7, PANEL B, EFFECTIVE 10 DEC 2015... EN ROUTE CHART H-07 SHOWS THE SAN ANGELO (SJT) VORTAC FACILITY AT SHUCK REPORTING POINT AS NON-OPERATIONAL. SJT IS OPERATIONAL AND H-07 CHART WILL BE UPDATED FOR 4 FEB 2016 CHART EFFECTIVE DATE.. 1511191638-PERM

FDC 5/4113 FDC CHART CORRECT U.S. GOVERNMENT CHICAGO VFR SECTIONAL AERONAUTICAL CHART, 91ST EDITION, EFFECTIVE 15 OCT 2015... CHANGE CTAF FREQ AT LOWELL AIRPORT (C97), LOWELL, INDIANA FROM 122.8 TO 122.9, LOCATED AT 41 13 48N, 87 30 28W.. 1510281418-PERM

FDC 5/4080 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-22, PANEL F, EFFECTIVE 15 OCT 2015... FIGHTING TIGER VORTAC MORSE CODE IDENTIFIER LSU (-.....-). 1510281350-PERM

FDC 5/8442 ZZZ PART 1 OF 3 SECURITY UNITED STATES OF AMERICA ADVISORY FOR TEHRAN (OIIX) FLIGHT INFORMATION REGION (FIR) THOSE PERSONS DESCRIBED IN PARAGRAPH A BELOW ARE ADVISED TO EXERCISE CAUTION WHEN FLYING INTO, OUT OF, WITHIN, OR OVER THE TEHRAN (OIIX) FLIGHT INFORMATION REGION (FIR) DUE TO MILITARY ACTIVITY ASSOCIATED WITH THE CONFLICTS IN SYRIA AND IRAQ. BEFORE OPERATING IN OR ADJACENT TO THE TEHRAN FIR (OIIX) CAREFULLY REVIEW CURRENT NOTAMS AND BE FAMILIAR WITH CURRENT CONDITIONS IN THE MIDDLE EAST. A. APPLICABILITY. THIS NOTAM APPLIES TO: ALL U.S. AIR CARRIERS AND COMMERCIAL OPERATORS; ALL PERSONS EXERCISING THE PRIVILEGES OF AN AIRMAN CERTIFICATE ISSUED BY THE FAA, EXCEPT SUCH PERSONS OPERATING U.S.-REGISTERED AIRCRAFT FOR A FOREIGN AIR CARRIER; AND ALL OPERATORS OF AIRCRAFT REGISTERED IN THE UNITED STATES, EXCEPT WHERE THE OPERATOR OF SUCH AIRCRAFT IS A FOREIGN AIR CARRIER. B. PLANNING. THOSE PERSONS DESCRIBED IN PARAGRAPH A PLANNING TO FLY INTO, OUT OF, WITHIN, OR OVER THE ABOVE-NAMED AREA MUST REVIEW CURRENT SECURITY/THREAT INFORMATION AND NOTAMS; COMPLY WITH ALL APPLICABLE FAA REGULATIONS, OPERATIONS SPECIFICATIONS, MANAGEMENT SPECIFICATIONS, AND LETTERS OF AUTHORIZATION, INCLUDING UPDATING B450. 1510170115-1610162359EST END PART 1 OF 3

FDC 5/8442 ZZZ PART 2 OF 3 SECURITY UNITED STATES OF AMERICA ADVISORY FOR IRANIAN CIVIL AVIATION AUTHORITIES MAY ISSUE NOTAMS DESCRIBING REQUIRED PROCEDURES FOR ENTRY INTO THE TEHRAN FIR (OIIX). ANY PERSON DESCRIBED IN PARAGRAPH A PLANNING A FLIGHT THROUGH THE TEHRAN FIR (OIIX) SHOULD FILE A FLIGHT PLAN WELL IN ADVANCE AND CAREFULLY ADHERE TO THAT FLIGHT PLAN, UNLESS OTHERWISE DIRECTED BY AIR TRAFFIC CONTROL, AND TO ALL AIR TRAFFIC CLEARANCES WHILE IN THE TEHRAN FIR (OIIX). THE U.S. DEPARTMENT OF STATE HAS ISSUED A TRAVEL WARNING FOR IRAN ADVISING, IN PART, THAT THE U.S. GOVERNMENT DOES NOT CURRENTLY MAINTAIN DIPLOMATIC OR CONSULAR RELATIONS WITH THE ISLAMIC REPUBLIC OF IRAN, AND THAT THE SWISS GOVERNMENT, ACTING THROUGH ITS EMBASSY IN TEHRAN, SERVES AS THE PROTECTING POWER FOR U.S. INTERESTS IN IRAN. ANY U.S. OPERATOR MAKING AN UNANTICIPATED LANDING IN IRAN SHOULD CONTACT THE U.S. INTERESTS SECTION AT THE SWISS EMBASSY IN TEHRAN FOR ANY NEEDED ASSISTANCE AT TELEPHONE +98−21−2279-3912 OR +98−21−2279-3697. C. OPERATIONS. EXERCISE CAUTION DURING FLIGHT OPERATIONS DUE TO MILITARY ACTIVITY IN THE TEHRAN FIR (OIIX), ASSOCIATED WITH THE ONGOING CONFLICTS IN SYRIA AND IRAQ. THOSE PERSONS DESCRIBED IN 1510170115- 1610162359EST END PART 2 OF 3

FDC 5/8442 ZZZ PART 3 OF 3 SECURITY UNITED STATES OF AMERICA ADVISORY FOR PARAGRAPH A MUST REPORT SAFETY AND/OR SECURITY INCIDENTS TO THE FAA AT +1 202-267-3333 OR 1- 844-412-1794. KFDC NOTAMS 7/8072 (A0044/07) AND 6/2762 ARE CANCELLED. KFDC NOTAM 7/2992 (A0075/07) REMAINS IN EFFECT. THE JUSTIFICATION FOR THIS ADVISORY WILL BE RE-EVALUATED BY 16 OCT 2016. ADDITIONAL INFORMATION IS PROVIDED AT: [HTTP://WWW.FAA.GOV/AIR_TRAFFIC/PUBLICATIONS/US_RESTRICTIONS/](http://www.faa.gov/air_traffic/publications/us_restrictions/) 1510170115-1610162359EST END PART 3 OF 3

FDC 5/6263 FDC CHART CORRECT U.S. GOVERNMENT IFR HIGH/LOW ALTITUDE CHART PACIFIC P2, PANEL F, EFFECTIVE 15 OCT 2015... R-3103 EFFECTIVE ALTITUDE TO 30000. 1510141504-PERM

FDC 5/6262 FDC CHART CORRECT U.S. GOVERNMENT IFR HIGH/LOW ALTITUDE CHART PACIFIC P2, PANEL F, EFFECTIVE 15 OCT 2015... R-3107 EFFECTIVE ALTITUDE TO FL180. 1510141504-PERM

FDC 5/4385 ZZZ SECURITY..SPECIAL NOTICE.. EFFECTIVE MONDAY, NOVEMBER 16, 2015, THE UNITED STATES OF AMERICA WILL BEGIN TO ISSUE INTERNATIONAL SECURITY NOTAMS UNDER THE ACCOUNTABILITY/LOCATION IDENTIFIER OF /KICZ/. THE FIR WILL ALSO BE POPULATED USING /KICZ/. THIS IS TO ENSURE CLEAR VISIBILITY FOR HIGH PROFILE NOTAM INFORMATION. THE USE OF /ZZZ/ AS A LOCATION WILL NO LONGER BE VALID EFFECTIVE AT THIS SAME TIME. THE USE OF /KFDC/ REMAINS UNCHANGED. THE USE OF /KICZ/ AS THE FIR IN THE Q LINE IS USED IN LIEU OF

/KFDC/ ONLY FOR THESE INTERNATIONAL SECURITY NOTAMS. EXPECT MULTIPLE KFDC NOTAM UPDATES EFFECTIVE SAME TIME FRAME. THIS NOTAM WILL SELF CANCEL AT 1511302359. 1510091630-1511302359

FDC 5/3678 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART H-5, PANEL B, EFFECTIVE 17 SEP 2015... ON J19-134 FROM LIBERAL (LBL) VORTAC TO FIX VARNR, KS A PORTION OF AWY SYMBOL IS MISSING BETWEEN THE JET ROUTE IDENT AND VARNR FIX. THE SEGMENT MILEAGE IS 127 NM AND NO DATA IS MISSING EXCEPT FOR THE AWY SYMBOL.. 1510081649-PERM

FDC 5/3602 ZZZ PART 1 OF 2 SECURITY..SPECIAL NOTICE..UNITED STATES OF AMERICA ADVISORY FOR KOREAN PENINSULA INCHEON (RKRR) FLIGHT INFORMATION REGION (FIR) THOSE PERSONS DESCRIBED IN PARAGRAPH A BELOW ARE ADVISED TO EXERCISE CAUTION WHEN FLYING IN THE INCHEON FLIGHT INFORMATION REGION (RKRR), ESPECIALLY NEAR SEOUL, SOUTH KOREA, DUE TO POSSIBLE INTERFERENCE WITH, OR DISRUPTION OF, THEIR GPS NAVIGATION SYSTEMS. A. APPLICABILITY. THIS NOTAM APPLIES TO: ALL U.S. AIR CARRIERS AND COMMERCIAL OPERATORS; ALL PERSONS EXERCISING THE PRIVILEGES OF AN AIRMAN CERTIFICATE ISSUED BY THE FAA, EXCEPT SUCH PERSONS OPERATING U.S.- REGISTERED AIRCRAFT FOR A FOREIGN AIR CARRIER; AND ALL OPERATORS OF AIRCRAFT REGISTERED IN THE UNITED STATES, EXCEPT WHERE THE OPERATOR OF SUCH AIRCRAFT IS A FOREIGN AIR CARRIER. B. PLANNING. THOSE PERSONS DESCRIBED IN PARAGRAPH A PLANNING FOR AND OPERATING IN THE INCHEON FIR (RKRR) SHOULD BE PREPARED TO USE NON-GPS NAVIGATION AIDS; MUST REVIEW CURRENT SECURITY/THREAT INFORMATION AND NOTAMS; AND COMPLY WITH ALL APPLICABLE FAA REGULATIONS, OPERATIONS SPECIFICATIONS, MANAGEMENT SPECIFICATIONS, AND LETTERS OF AUTHORIZATION, INCLUDING UPDATING B450. C. OPERATIONS. EXERCISE CAUTION DURING FLIGHT OPERATIONS AS THERE 1510081520-1610312359EST END PART 1 OF 2

FDC 5/3602 ZZZ PART 2 OF 2 SECURITY..SPECIAL NOTICE..UNITED STATES OF AMERICA HAVE BEEN PRIOR REPORTS OF CIVIL AIRCRAFT EXPERIENCING GPS NAVIGATION SYSTEMS INTERFERENCE AND DISRUPTION. THOSE PERSONS DESCRIBED IN PARAGRAPH A MUST REPORT ANY GPS INTERFERENCE OR DISRUPTION TO THE FAA AT AEO-CITWATCH@FAA.GOV OR +1 202-267-3333 OR 1-844-412-1794. THE JUSTIFICATION FOR THIS ADVISORY WILL BE RE-EVALUATED BY 31 OCT 2016. ADDITIONAL INFORMATION IS PROVIDED AT: [HTTP://WWW.FAA.GOV/AIR_TRAFFIC/PUBLICATIONS/US_RESTRICTIONS/](http://www.faa.gov/air_traffic/publications/us_restrictions/). 1510081520-1610312359EST END PART 2 OF 2

FDC 5/3106 ZZZ PART 1 OF 2 SECURITY..SPECIAL NOTICE..UNITED STATES OF AMERICA ADVISORY FOR NORTH KOREA PYONGYANG (ZKKP) FLIGHT INFORMATION REGION (FIR) THOSE PERSONS DESCRIBED IN PARAGRAPH A BELOW ARE ADVISED TO EXERCISE CAUTION FLYING IN AND AROUND THE PYONGYANG (ZKKP) FLIGHT INFORMATION REGION EAST OF 132 DEGREES EAST LONGITUDE DUE TO NORTH KOREA'S HISTORY OF TEST LAUNCHING SHORT-RANGE AND MEDIUM-RANGE BALLISTIC MISSILES WITH LITTLE OR NO WARNING. A. APPLICABILITY. THIS NOTAM APPLIES TO: ALL U.S. AIR CARRIERS AND COMMERCIAL OPERATORS; ALL PERSONS EXERCISING THE PRIVILEGES OF AN AIRMAN CERTIFICATE ISSUED BY THE FAA, EXCEPT SUCH PERSONS OPERATING U.S.- REGISTERED AIRCRAFT FOR A FOREIGN AIR CARRIER; AND ALL OPERATORS OF AIRCRAFT REGISTERED IN THE UNITED STATES, EXCEPT WHERE THE OPERATOR OF SUCH AIRCRAFT IS A FOREIGN AIR CARRIER. B. PLANNING. THOSE PERSONS DESCRIBED IN PARAGRAPH A PLANNING FOR AND OPERATING IN AND AROUND THE PYONGYANG FIR (ZKKP) EAST OF 132 DEGREES EAST LONGITUDE MUST REVIEW CURRENT SECURITY/THREAT INFORMATION AND NOTAMS; AND COMPLY WITH ALL APPLICABLE FAA REGULATIONS, OPERATIONS SPECIFICATIONS, MANAGEMENT SPECIFICATIONS, AND LETTERS OF AUTHORIZATION, INCLUDING UPDATING B450. C. OPERATIONS. EXERCISE CAUTION DURING FLIGHT OPERATIONS SINCE 1510081115-1610312359EST END PART 1 OF 2

FDC 5/3106 ZZZ PART 2 OF 2 SECURITY..SPECIAL NOTICE..UNITED STATES OF AMERICA FUTURE BALLISTIC MISSILE LAUNCHES MAY OCCUR WITH LITTLE OR NO WARNING. BETWEEN FEBRUARY AND AUGUST 2014, NORTH KOREA TEST LAUNCHED ELEVEN SHORT-RANGE AND TWO MEDIUM-RANGE BALLISTIC MISSILES. MANY WERE LAUNCHED INTO THE ZKKP FIR WITHOUT WARNING DURING U.S.- REPUBLIC OF KOREA MILITARY EXERCISES, AND TWO IMPACTED IN THE SEA OF JAPAN BEYOND THE BOUNDARY OF SPECIAL FEDERAL AVIATION REGULATION (SFAR) 79, WHICH PROHIBITS THE PERSONS DESCRIBED IN PARAGRAPH A FROM FLYING IN THE PYONGYANG FIR WEST OF 132 DEGREES EAST LONGITUDE. ADDITIONAL LITTLE OR NO-NOTICE MISSILE LAUNCHES INTO THE SEA OF JAPAN WITH POTENTIAL RANGES THAT EXTEND BEYOND THE SFAR 79 BOUNDARIES MAY OCCUR IN THE FUTURE. THOSE PERSONS DESCRIBED IN PARAGRAPH A MUST REPORT ANY OBSERVED ROCKET OR MISSILE LAUNCHES NEAR THE KOREAN PENINSULA TO THE FAA AT AEO-CITWATCH@FAA.GOV OR +1 202-267-3333 OR 1-844-412- 1794. THE JUSTIFICATION FOR THIS ADVISORY WILL BE REEVALUATED BY 31 OCT 2016. ADDITIONAL INFORMATION IS PROVIDED

AT: [HTTP://WWW.FAA.GOV/AIR_TRAFFIC/PUBLICATIONS/US_RESTRICTIONS/](http://www.faa.gov/air_traffic/publications/us_restrictions/) 1510081115-1610312359EST END PART 2 OF 2

FDC 5/0920 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-4, PANEL G, EFFECTIVE 15 OCT 2015... MOVE TEXT "SANTA MONICA MUNI" APPROXIMATELY .75" NORTH TO AVOID OVERPRINT WITH "LOS ANGELES INTL". 1510051657-PERM

FDC 5/7726 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-1, PANEL D, EFFECTIVE 15 OCT 2015... CLARIFY AIRWAY LABEL: V2-298, BEARING 088 OUT OF SEA (N 47 26 07 - W 122 18 35). 1509291826-PERM

FDC 5/1440 FDC CHART CORRECT U.S. GOVERNMENT HOUSTON VFR SECTIONAL AERONAUTICAL CHART, 96TH EDITION, EFFECTIVE 17 SEP 2015... ADD WEST HOUSTON AIRPORT (IWS), HOUSTON, TEXAS, ELEVATION 111 FEET, LIGHTING LIMITATIONS EXIST, RUNWAY LENGTH 3953, CTAF/UNICOM 123.05 LOCATED AT 29 49 05N, 95 40 21W.. 1509161403-PERM

FDC 5/7769 FDC CHART CORRECT U.S. GOVERNMENT VFR WORLD AERONAUTICAL CHART CF-17, 45TH EDITION, EFFECTIVE 23 JUL 2015... ADD OBSTRUCTIONS LOCATED AT 46 32 05N, 093 52 42W, 1749 FT MSL, 500FT AGL; 46 19 19N, 094 09 56W, 1771 FT MSL, 500 FT AGL; 46 25 21N, 094 27 42W, 2050 FT MSL, 677 FT AGL; 40 43 21N, 099 55 06, 3219 FT MSL, 500 FT AGL.. 1508241642-PERM

FDC 5/6386 FDC CHART CORRECT U.S. GOVERNMENT JACKSONVILLE VFR SECTIONAL AERONAUTICAL CHART, 96TH EDITION, EFFECTIVE 20 AUG 2015... REVISE EUFALA CLASS E5 AIRSPACE TO THAT AIRSPACE EXTENDING UPWARD FROM 700 FEET ABOVE THE SURFACE WITHIN A 7.3 MILE RADIUS OF WEEDON FIELD AIRPORT (EUF) (31 57 05N, 85 07 44W).. 1508201918-PERM

FDC 5/9604 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-10, F, EFFECTIVE 23 JUL 2015... CHANGE SPELLING OF REPORTING POINT FIPPS TO FIPSS. 1508071852-PERM

FDC 5/7263 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL K, EFFECTIVE 20 AUG 2015... FIX PUYVO LOCATED ON J125. SEGMENT MILEAGE TALKEETNA (TKA) VOR/DME TO PUYVO 108 NM. SEGMENT MILEAGE PUYVO TO NENANA (ENN) VORTAC 33 NM.. 1508051225-PERM

FDC 5/7260 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH1, PANEL B, EFFECTIVE 20 AUG 2015... FIX PUYVO LOCATED ON J125. SEGMENT MILEAGE TALKEETNA (TKA) VOR/DME TO PUYVO 108 NM. SEGMENT MILEAGE PUYVO TO NENANA (ENN) VORTAC 33 NM.. 1508051225-PERM

FDC 5/9368 FDC CHART CORRECT U.S. GOVERNMENT OMAHA VFR SECTIONAL AERONAUTICAL CHART, 92ND EDITION, EFFECTIVE 23 JUL 2015... ADD HALFWAY VOR/DME (FOW) LOCATED AT 44 12 16N, 93 22 14W. 1507231134-PERM

FDC 5/8896 FDC CHART CORRECT U.S. GOVERNMENT GREAT FALLS VFR SECTIONAL AERONAUTICAL CHART, 90TH EDITION, EFFECTIVE 07 JAN 2016... DELETE DUPLICATE NINE QUARTER CIRCLE (1MT0) PATTERN AND TYPE LOCATED AT 46 34 30N, 111 15 00W. 1507221629-PERM

FDC 5/2670 FDC ROUTE ZID ZMP ZAU ZOB. V177 MADISON (MSN) VORTAC, WI TO STEVENS POINT (STE) VORTAC, WI MEA 3000. 1507091138-1601051138EST

FDC 5/5575 ZZZ PART 1 OF 2 SECURITY UNITED STATES OF AMERICA FLIGHT PROHIBITION FOR THE SANAA FLIGHT INFORMATION REGION (OYSC FIR) ALL FLIGHT OPERATIONS IN THE SANAA FLIGHT INFORMATION REGION (OYSC FIR), EXCLUDING THAT AIRSPACE EAST AND SOUTHEAST OF A LINE DRAWN DIRECT FROM KAPET (163322N0530614E) TO NODMA (152603N0533359E), THEN DIRECT FROM NODMA TO PAKER (115500N0463500E), BY THE PERSONS DESCRIBED IN PARAGRAPH A BELOW ARE PROHIBITED UNTIL FURTHER ADVISED DUE TO THE POTENTIALLY HAZARDOUS SITUATION CREATED BY THE RISKS TO U.S. CIVIL AVIATION FROM ONGOING MILITARY OPERATIONS, POLITICAL INSTABILITY, VIOLENCE FROM COMPETING ARMED GROUPS, AND THE CONTINUING TERRORISM THREAT FROM EXTREMIST ELEMENTS. A. APPLICABILITY. THIS NOTAM APPLIES TO: ALL U.S. AIR CARRIERS AND COMMERCIAL OPERATORS; ALL PERSONS EXERCISING THE PRIVILEGES OF AN AIRMAN CERTIFICATE ISSUED BY THE FAA, EXCEPT SUCH PERSONS OPERATING U.S.-REGISTERED AIRCRAFT FOR A FOREIGN AIR CARRIER; AND ALL OPERATORS OF AIRCRAFT REGISTERED IN THE UNITED STATES, EXCEPT WHERE THE OPERATOR OF SUCH AIRCRAFT IS A FOREIGN AIR CARRIER. B. PERMITTED OPERATIONS. THIS NOTAM DOES NOT PROHIBIT PERSONS DESCRIBED IN PARAGRAPH A FROM CONDUCTING FLIGHT OPERATIONS IN THE OYSC FIR WEST AND NORTHWEST OF A LINE DRAWN DIRECT FROM KAPET (163322N0530614E) TO NODMA (152603N0533359E), THEN DIRECT FROM 1505221200-PERM END PART 1 OF 2

FDC 5/5575 ZZZ PART 2 OF 2 SECURITY UNITED STATES OF AMERICA FLIGHT NODMA TO PAKER (115500N0463500E), WHEN SUCH OPERATIONS ARE AUTHORIZED EITHER BY ANOTHER AGENCY OF THE UNITED STATES GOVERNMENT WITH THE APPROVAL OF THE FAA OR BY A DEVIATION, EXEMPTION, OR OTHER AUTHORIZATION ISSUED BY THE ADMINISTRATOR. OPERATORS MUST CALL THE FAA WASHINGTON OPERATIONS CENTER AT 202-267-3333 TO INITIATE COORDINATION FOR FAA AUTHORIZATION OF OPERATIONS. C. EMERGENCY SITUATIONS. IN AN EMERGENCY THAT REQUIRES IMMEDIATE DECISION AND ACTION FOR THE SAFETY OF THE FLIGHT, THE PILOT IN COMMAND OF AN AIRCRAFT MAY DEVIATE FROM THIS NOTAM TO THE EXTENT REQUIRED BY THAT EMERGENCY. THIS NOTAM IS AN EMERGENCY ORDER ISSUED UNDER 49 USC 40113(A) AND 46105(C) 1505221200-PERM END PART 2 OF 2

FDC 5/9155 ZZZ PART 1 OF 2 SECURITY UNITED STATES OF AMERICA ADVISORY FOR EGYPT SINAI PENINSULA THOSE PERSONS DESCRIBED IN PARAGRAPH A BELOW SHOULD AVOID FLYING INTO, OUT OF, WITHIN OR OVER THE SINAI PENINSULA IN THE CAIRO FLIGHT INFORMATION REGION (FIR) (HECC) AT ALTITUDES BELOW FL260 WITHIN THE FOLLOWING LATERAL LIMITS: 311855N 0321900E TO 294443N 0322815E TO 281650N 0331928E TO 272900N 0341900E TO 292920N 0345500E THEN ALONG THE EGYPT/ISRAEL BORDER TO 311800N 0341300E TO 311855N 0321900E A. APPLICABILITY. THIS NOTAM APPLIES TO: ALL U.S. AIR CARRIERS AND COMMERCIAL OPERATORS; ALL PERSONS EXERCISING THE PRIVILEGES OF AN AIRMAN CERTIFICATE ISSUED BY THE FAA, EXCEPT SUCH PERSONS OPERATING U.S.-REGISTERED AIRCRAFT FOR A FOREIGN AIR CARRIER; AND ALL OPERATORS OF AIRCRAFT REGISTERED IN THE UNITED STATES, EXCEPT WHERE THE OPERATOR OF SUCH AIRCRAFT IS A FOREIGN AIR CARRIER. B. PLANNING. THOSE PERSONS DESCRIBED IN PARAGRAPH A PLANNING TO FLY INTO, OUT OF, WITHIN, OR OVER THE ABOVE-NAMED AREA MUST REVIEW CURRENT SECURITY/THREAT INFORMATION AND NOTAMS; COMPLY WITH ALL 1503301520-1603302359EST END PART 1 OF 2

FDC 5/9155 ZZZ PART 2 OF 2 SECURITY APPLICABLE FAA REGULATIONS, OPERATIONS SPECIFICATIONS, MANAGEMENT SPECIFICATIONS, AND LETTERS OF AUTHORIZATION, INCLUDING UPDATING B450; AND PROVIDE ADVANCE NOTICE OF PLANNED FLIGHTS TO THE FAA AT AEO-CITWATCH@FAA.GOV WITH SPECIFIC FLIGHT DETAILS. C. OPERATIONS. EXERCISE EXTREME CAUTION DURING FLIGHT OPERATIONS DUE TO ONGOING VIOLENCE, UNREST, SECURITY OPERATIONS AND THE RISK TO SAFETY FROM SMALL-ARMS, ROCKET-PROPELLED GRENADES, MORTARS, ANTI-AIRCRAFT FIRE AND SHOULDER-FIRED, MAN-PORTABLE AIR DEFENSE SYSTEMS (MANPADS). THOSE PERSONS DESCRIBED IN PARAGRAPH A MUST REPORT SAFETY AND/OR SECURITY INCIDENTS TO THE FAA AT +1 202-267-3333 OR 1- 844-412-1794. THE JUSTIFICATION FOR THIS ADVISORY WILL BE RE-EVALUATED BY 30 MARCH 2016. ADDITIONAL INFORMATION IS PROVIDED AT: [HTTP://WWW.FAA.GOV/AIR_TRAFFIC/PUBLICATIONS/IFIM/US_RESTRICTIONS/](http://www.faa.gov/air_traffic/publications/ifim/us_restrictions/). 1503301520-1603302359EST END PART 2 OF 2

FDC 5/7498 ZZZ PART 1 OF 2 SECURITY SECURITY UNITED STATES OF AMERICA ADVISORY FOR MALI THOSE PERSONS DESCRIBED IN PARAGRAPH A BELOW SHOULD AVOID FLYING INTO, OUT OF, WITHIN OR OVER THE TERRITORY AND AIRSPACE OF MALI AT ALTITUDES BELOW FL260 DUE TO INSURGENT ACTIVITY. A. APPLICABILITY. THIS NOTAM APPLIES TO: ALL U.S. AIR CARRIERS AND COMMERCIAL OPERATORS; ALL PERSONS EXERCISING THE PRIVILEGES OF AN AIRMAN CERTIFICATE ISSUED BY THE FAA, EXCEPT SUCH PERSONS OPERATING U.S.-REGISTERED AIRCRAFT FOR A FOREIGN AIR CARRIER; AND ALL OPERATORS OF AIRCRAFT REGISTERED IN THE UNITED STATES, EXCEPT WHERE THE OPERATOR OF SUCH AIRCRAFT IS A FOREIGN AIR CARRIER. B. PLANNING. THOSE PERSONS DESCRIBED IN PARAGRAPH A PLANNING TO FLY INTO, OUT OF, WITHIN, OR OVER THE ABOVE-NAMED AREA MUST REVIEW CURRENT SECURITY/THREAT INFORMATION AND NOTAMS; COMPLY WITH ALL APPLICABLE FAA REGULATIONS, OPERATIONS SPECIFICATIONS, MANAGEMENT SPECIFICATIONS, AND LETTERS OF AUTHORIZATION, INCLUDING UPDATING B450; AND PROVIDE AT LEAST 72 HOURS ADVANCE NOTICE OF PLANNED FLIGHTS 1502261730-1602262359EST END PART 1 OF 2

FDC 5/7498 ZZZ PART 2 OF 2 SECURITY TO THE FAA AT AEO-CITWATCH@FAA.GOV WITH SPECIFIC FLIGHT DETAILS. C. OPERATIONS. EXERCISE EXTREME CAUTION DURING FLIGHT OPERATIONS DUE TO THE RISK TO SAFETY FROM SMALL-ARMS, ROCKET-PROPELLED GRENADES, MORTARS, ANTI-AIRCRAFT FIRE AND SHOULDER-FIRED, MAN-PORTABLE AIR DEFENSE SYSTEMS (MANPADS). THOSE PERSONS DESCRIBED IN PARAGRAPH A MUST REPORT SAFETY AND/OR SECURITY INCIDENTS TO THE FAA AT +1 202-267-3333. THE JUSTIFICATION FOR THIS ADVISORY WILL BE RE-EVALUATED BY 26 FEBRUARY 2016. ADDITIONAL INFORMATION IS PROVIDED AT: [HTTPS://WWW.FAA.GOV/AIR_TRAFFIC/PUBLICATIONS/US_RESTRICTIONS/](https://www.faa.gov/air_traffic/publications/us_restrictions/) 1502261730-1602262359EST END PART 2 OF 2

FDC 5/9096 FDC CHART CORRECT U.S. GOVERNMENT VFR WORLD AERONAUTICAL CHART CD-12,

44TH EDITION, EFFECTIVE 26 JUN 2014... CHANGE EFFECTIVE DATE TO 07 JAN 2016.. 1502041222-PERM

FDC 4/2189 ZZZ PART 1 OF 2 SECURITY - UNITED STATES OF AMERICA ADVISORY FOR SOUTH SUDAN THOSE PERSONS DESCRIBED IN PARAGRAPH A SHOULD AVOID FLYING INTO, OUT OF, WITHIN OR OVER THE TERRITORY AND AIRSPACE OF SOUTH SUDAN AT ALTITUDES BELOW FL260 DUE TO THE POTENTIALLY HAZARDOUS SITUATION CREATED BY THE ONGOING ARMED CONFLICT IN SOUTH SUDAN BETWEEN THE GOVERNMENT OF SOUTH SUDAN AND REBEL FORCES. A. APPLICABILITY. THIS NOTAM APPLIES TO: ALL U.S. AIR CARRIERS AND COMMERCIAL OPERATORS; ALL PERSONS EXERCISING THE PRIVILEGES OF AN AIRMAN CERTIFICATE ISSUED BY THE FAA, EXCEPT SUCH PERSONS OPERATING U.S.- REGISTERED AIRCRAFT FOR A FOREIGN AIR CARRIER; AND ALL OPERATORS OF AIRCRAFT REGISTERED IN THE UNITED STATES, EXCEPT WHERE THE OPERATOR OF SUCH AIRCRAFT IS A FOREIGN AIR CARRIER. B. PLANNING. THOSE PERSONS DESCRIBED IN PARAGRAPH A PLANNING TO FLY INTO, OUT OF, WITHIN, OR OVER THE ABOVE-NAMED AREA MUST REVIEW CURRENT SECURITY/THREAT INFORMATION AND NOTAMS; COMPLY WITH ALL APPLICABLE FAA REGULATIONS, OPERATIONS SPECIFICATIONS, MANAGEMENT SPECIFICATIONS, AND LETTERS OF AUTHORIZATION, INCLUDING UPDATING 1412241715-1512232359EST END PART 1 OF 2

FDC 4/2189 ZZZ PART 2 OF 2 SECURITY B450; AND PROVIDE AT LEAST 72 HOURS ADVANCE NOTICE OF PLANNED FLIGHTS TO THE FAA AT AEO-CITWATCH@FAA.GOV WITH SPECIFIC FLIGHT DETAILS. OPERATIONS. EXERCISE EXTREME CAUTION DURING FLIGHT OPERATIONS DUE TO THE POTENTIAL RISK FROM SMALL-ARMS FIRE, ROCKET-PROPELLED GRENADES, ANTI-AIRCRAFT FIRE, AND SHOULDER-FIRED MAN-PORTABLE AIR DEFENSE SYSTEMS (MANPADS). IN ADDITION, COMMAND AND CONTROL DIFFICIENCIES HAVE LED TO CIVIL AIRCRAFT BEING FIRED ON BY GOVERNMENT AND REBEL FORCES. THOSE PERSONS DESCRIBED IN PARAGRAPH A MUST REPORT SAFETY AND/OR SECURITY INCIDENTS TO THE FAA AT +1 202- 267-3333. THE JUSTIFICATION FOR THIS ADVISORY WILL BE RE-EVALUATED BY 23 DEC 2015. ADDITIONAL INFORMATION IS PROVIDED AT: [HTTPS://WWW.FAA.GOV/AIR_TRAFFIC/PUBLICATIONS/US_RESTRICTIONS](https://www.faa.gov/air_traffic/publications/us_restrictions) 1412241715-1512232359EST END PART 2 OF 2

FDC 4/2181 ZZZ PART 1 OF 2 SECURITY SECURITY - UNITED STATES OF AMERICA ADVISORY FOR AFGHANISTAN THOSE PERSONS DESCRIBED IN PARAGRAPH A FLYING INTO, OUT OF, WITHIN, OR OVER THE TERRITORY AND AIRSPACE OF AFGHANISTAN SHOULD OPERATE ONLY ON ESTABLISHED AIR ROUTES AND AT ALTITUDES AT OR ABOVE 26,000 FEET AGL TO THE MAXIMUM EXTENT POSSIBLE DUE TO ONGOING MILITARY OPERATIONS IN AFGHANISTAN AND POSSIBLE ATTEMPTS BY INSURGENTS TO ATTACK CIVIL AIRCRAFT. A. APPLICABILITY. THIS NOTAM APPLIES TO: ALL U.S. AIR CARRIERS AND COMMERCIAL OPERATORS; ALL PERSONS EXERCISING THE PRIVILEGES OF AN AIRMAN CERTIFICATE ISSUED BY THE FAA, EXCEPT SUCH PERSONS OPERATING U.S.-REGISTERED AIRCRAFT FOR A FOREIGN AIR CARRIER; AND ALL OPERATORS OF AIRCRAFT REGISTERED IN THE UNITED STATES, EXCEPT WHERE THE OPERATOR OF SUCH AIRCRAFT IS A FOREIGN AIR CARRIER. B. PLANNING. THOSE PERSONS DESCRIBED IN PARAGRAPH A PLANNING TO FLY INTO, OUT OF, WITHIN, OR OVER THE ABOVE-NAMED AREA MUST REVIEW CURRENT SECURITY/THREAT INFORMATION AND NOTAMS AND COMPLY WITH ALL 1412241650-1512232359EST END PART 1 OF 2

FDC 4/2181 (KFDC A0063/14) ZZZ PART 2 OF 2 SECURITY APPLICABLE FAA REGULATIONS, OPERATIONS SPECIFICATIONS, MANAGEMENT SPECIFICATIONS, AND LETTERS OF AUTHORIZATION, INCLUDING UPDATING B450. C. OPERATIONS. EXERCISE EXTREME CAUTION DURING FLIGHT OPERATIONS DUE TO ONGOING MILITARY OPERATIONS IN AFGHANISTAN AND POSSIBLE ATTEMPTS BY INSURGENTS TO ATTACK CIVIL AIRCRAFT. CIVIL AIRCRAFT FLYING AT LOW ALTITUDES HAVE BEEN DAMAGED BY INSURGENT SMALL-ARMS FIRE. MAN-PORTABLE AIR DEFENSE SYSTEMS (MANPADS) ARE PRESENT IN AFGHANISTAN AND MAY POSE A THREAT TO FLIGHT OPERATIONS. AIRCRAFT AT AIRPORTS/AIRFIELDS HAVE BEEN DAMAGED OR DESTROYED BY INDIRECT ROCKET FIRE FROM INSURGENT ATTACKS. THOSE PERSONS DESCRIBED IN PARAGRAPH A MUST REPORT SAFETY AND/OR SECURITY INCIDENTS TO THE FAA AT +1 202- 267-3333. THE JUSTIFICATION FOR THIS ADVISORY WILL BE RE-EVALUATED BY 23 DEC 2015. ADDITIONAL INFORMATION IS PROVIDED AT: [HTTPS://WWW.FAA.GOV/AIR_TRAFFIC/PUBLICATIONS/US_RESTRICTIONS/](https://www.faa.gov/air_traffic/publications/us_restrictions/) 1412241650-1512232359EST END PART 2 OF 2

FDC 4/3621 FDC PART 1 OF 3 SPECIAL SECURITY NOTICE SPORTING EVENTS. THIS NOTAM REPLACES FDC NOTAM 9/5151 TO REFLECT A TRANSPORTATION SECURITY ADMINISTRATION (TSA) WEBSITE UPDATE AND ADDITIONAL INFORMATION CONCERNING AIRSPACE WAIVERS. FLIGHT RESTRICTIONS IN THIS NOTAM COMPLY WITH STATUTORY MANDATES DETAILED IN SECTION 352 OF PUBLIC LAW 108-7 AS AMENDED BY SECTION 521 OF PUBLIC LAW 108-199. PURSUANT TO 49 USC 40103(B), THE FEDERAL AVIATION ADMINISTRATION (FAA) CLASSIFIES THE AIRSPACE DEFINED IN THIS NOTAM AS 'NATIONAL DEFENSE AIRSPACE'. ANY PERSON WHO KNOWINGLY OR WILLFULLY VIOLATES THE RULES PERTAINING TO OPERATIONS IN THIS AIRSPACE MAY BE SUBJECT TO

CERTAIN CRIMINAL PENALTIES UNDER 49 USC 46307. PILOTS WHO DO NOT ADHERE TO THE FOLLOWING PROCEDURES MAY BE INTERCEPTED, DETAINED AND INTERVIEWED BY LAW ENFORCEMENT/SECURITY PERSONNEL. PURSUANT TO 14 CFR SECTION 99.7, SPECIAL SECURITY INSTRUCTIONS, COMMENCING ONE HOUR BEFORE THE SCHEDULED TIME OF THE EVENT UNTIL ONE HOUR AFTER THE END OF THE EVENT. ALL AIRCRAFT OPERATIONS; INCLUDING PARACHUTE JUMPING, UNMANNED AIRCRAFT AND REMOTE CONTROLLED AIRCRAFT, ARE PROHIBITED WITHIN A 1410271420-PERM END PART 1 OF 3

FDC 4/3621 FDC PART 2 OF 3 SPECIAL 3NMR UP TO AND INCLUDING 3000FT AGL OF ANY STADIUM HAVING A SEATING CAPACITY OF 30,000 OR MORE PEOPLE WHERE EITHER A REGULAR OR POST SEASON MAJOR LEAGUE BASEBALL, NATIONAL FOOTBALL LEAGUE, OR NCAA DIVISION ONE FOOTBALL GAME IS OCCURRING. THIS NOTAM ALSO APPLIES TO NASCAR SPRINT CUP, INDY CAR, AND CHAMP SERIES RACES EXCLUDING QUALIFYING AND PRE-RACE EVENTS. FLIGHTS CONDUCTED FOR OPERATIONAL PURPOSES OF ANY EVENT, STADIUM OR VENUE AND BROADCAST COVERAGE FOR THE BROADCAST RIGHTS HOLDER ARE AUTHORIZED WITH AN APPROVED AIRSPACE WAIVER. AN FAA AIRSPACE WAIVER DOES NOT RELIEVE OPERATORS FROM OBTAINING ALL OTHER NECESSARY AUTHORIZATIONS AND COMPLYING WITH ALL APPLICABLE FEDERAL AVIATION REGULATIONS. THE RESTRICTIONS DESCRIBED ABOVE DO NOT APPLY TO THOSE AIRCRAFT AUTHORIZED BY AND IN CONTACT WITH ATC FOR OPERATIONAL OR SAFETY OF FLIGHT PURPOSES, DEPARTMENT OF DEFENSE, LAW ENFORCEMENT, AND AIR AMBULANCE FLIGHT OPERATIONS. ALL PREVIOUSLY ISSUED WAIVERS TO FDC NOTAM 9/5151 REMAIN VALID UNTIL THE SPECIFIED END DATE BUT NOT TO EXCEED 90 DAYS FOLLOWING THE EFFECTIVE DATE OF THIS NOTAM. INFORMATION ABOUT AIRSPACE WAIVER APPLICATIONS 1410271420-PERM END PART 2 OF 3

FDC 4/3621 FDC PART 3 OF 3 SPECIAL AND TSA SECURITY AUTHORIZATIONS CAN BE FOUND AT [HTTP://WWW.TSA.GOV/STAKEHOLDERS/AIRSPACE-WAIVERS-0](http://www.tsa.gov/stakeholders/airspace-waivers-0) OR BY CALLING TSA AT 571-227-2071. SUBMIT REQUESTS FOR FAA AIRSPACE WAIVERS AT [HTTPS://WAIVERS.FAA.GOV](https://waivers.faa.gov). 1410271420-PERM END PART 3 OF 3

FDC 3/3013 FDC PART 1 OF 3 ... SPECIAL NOTICE ... THIS NOTICE IS THE DEFINITIONS FOR FDC SPECIAL NOTICE NOTAMS 3/2735 AND 3/2768 SEPARATE SPECIAL NOTICES FOR INTERNATIONAL AIRCRAFT THAT OPERATE TO OR FROM OR WITHIN OR TRANSIT TERRITORIAL AIRSPACE OF THE UNITED STATES (U.S.). EFFECTIVE 1307010001 UTC UNTIL FURTHER NOTICE. IN ADDITION TO THE REQUIREMENTS PRESCRIBED IN 14 CFR PART 99, SECURITY CONTROL OF AIR TRAFFIC, THE FOLLOWING SPECIAL SECURITY REQUIREMENTS ARE IN EFFECT PURSUANT TO 14 CFR SECTION 99.7 SPECIAL SECURITY INSTRUCTIONS. DEFINITIONS A. TERRITORIAL AIRSPACE OF THE U.S. MEANS THE AIRSPACE OVER THE U.S., ITS TERRITORIES AND POSSESSIONS, AND THE AIRSPACE OVERLYING THE TERRITORIAL WATERS BETWEEN THE U.S. COAST AND TWELVE (12) NAUTICAL MILES FROM THE U.S. COAST. B. TO OR FROM MEANS ANY FLIGHT ENTERING U.S. TERRITORIAL AIRSPACE END PART 1 OF 3

FDC 3/3013 FDC PART 2 OF 3 ... SPECIAL NOTICE ... AFTER DEPARTURE FROM A LOCATION OUTSIDE OF THE U.S. FOR LANDING AT A DESTINATION IN THE U.S., OR EXITING U.S. TERRITORIAL AIRSPACE AFTER DEPARTURE FROM A LOCATION IN THE U.S., OR ANY FLIGHT THAT EXITS U.S. TERRITORIAL AIRSPACE AND RETURNS INTO U.S. TERRITORIAL AIRSPACE TO LAND AT A DESTINATION IN THE U.S. C. TRANSIT MEANS ANY FLIGHT DEPARTING FROM A LOCATION OUTSIDE OF THE U.S., ITS TERRITORIES OR POSSESSIONS, WHICH OPERATES IN THE TERRITORIAL AIRSPACE OF THE U.S. ENROUTE TO A LOCATION OUTSIDE THE U.S., ITS TERRITORIES OR POSSESSIONS. D. WITHIN MEANS ANY FLIGHT DEPARTING FROM A LOCATION INSIDE OF THE U.S., ITS TERRITORIES OR POSSESSIONS, WHICH OPERATES IN THE TERRITORIAL AIRSPACE OF THE U.S. ENROUTE TO A LOCATION INSIDE THE U.S., ITS TERRITORIES OR POSSESSIONS. NOTE 1: AIRCRAFT CONDUCTING TEST OPERATIONS THAT DEPART AND RETURN TO US AIRPORTS, WITHOUT ANY INTERMEDIATE STOPS, ARE CONSIDERED AIRCRAFT OPERATING WITHIN US TERRITORIAL AIRSPACE. END PART 2 OF 3

FDC 3/3013 FDC PART 3 OF 3 ... SPECIAL NOTICE ... NOTE 2: AIRCRAFT OPERATIONS THAT DEPART U.S. AIRPORTS AND TRANSIT CANADIAN, MEXICAN, OR INTERNATIONAL AIRSPACE ENROUTE TO ANOTHER U.S. AIRPORT, WITHOUT ANY INTERMEDIATE STOPS OUTSIDE OF THE UNITED STATES, ARE CONSIDERED AIRCRAFT OPERATING WITHIN US TERRITORIAL AIRSPACE. E. FEDERAL AVIATION ADMINISTRATION (FAA)/TRANSPORTATION SECURITY ADMINISTRATION (TSA) AIRSPACE WAIVER MEANS A GRANT OF RELIEF BY THE FAA/TSA FROM THE REQUIREMENTS OF SPECIFIC REGULATIONS TO THE DEGREE AND FOR THE TIME PERIOD SPECIFIED IN THE WAIVER. F. STATE DEPARTMENT DESIGNATED SPECIAL INTEREST COUNTRIES ARE CUBA, IRAN, NORTH KOREA, PEOPLE'S REPUBLIC OF CHINA, RUSSIA, SUDAN, AND SYRIA. G. COMMERCIAL AIRCRAFT. A COMMERCIAL AIRCRAFT IS ANY AIRCRAFT TRANSPORTING PASSENGERS AND/OR CARGO FOR SOME PAYMENT OR OTHER CONSIDERATION, INCLUDING MONEY OR SERVICES RENDERED. END

PART 3 OF 3

FDC 3/2768 FDC PART 1 OF 10 ... SPECIAL NOTICE ... AIRCRAFT WITH A MAXIMUM CERTIFICATED TAKEOFF GROSS WEIGHT OF 100,309 POUNDS (45,500 KGS) OR LESS THAT OPERATE TO OR FROM OR WITHIN OR TRANSIT TERRITORIAL AIRSPACE OF THE UNITED STATES (U.S.). EFFECTIVE 1307010001 UTC UNTIL FURTHER NOTICE. THIS NOTICE, AND ANOTHER SEPARATE SPECIAL NOTICE FOR AIRCRAFT WITH A MAXIMUM CERTIFICATED TAKEOFF GROSS WEIGHT OF MORE THAN 100,309 POUNDS(45,500 KGS), REPLACES PREVIOUSLY ISSUED FDC SPECIAL NOTICE NOTAMS 0/6432 AND 2/5598. IN ADDITION TO THE REQUIREMENTS PRESCRIBED IN 14 CFR PART 99, SECURITY CONTROL OF AIR TRAFFIC, THE FOLLOWING SPECIAL SECURITY REQUIREMENTS ARE IN EFFECT PURSUANT TO 14 CFR SECTION 99.7 SPECIAL SECURITY INSTRUCTIONS. PART I. AUTHORIZED OPERATIONS AIRCRAFT WITH A MAXIMUM CERTIFICATED TAKEOFF GROSS WEIGHT OF 100,309 POUNDS (45,500 KGS) OR LESS, ARE NOT AUTHORIZED TO OPERATE TO OR FROM OR WITHIN OR TRANSIT TERRITORIAL AIRSPACE OF THE U.S. UNLESS THEY MEET THE CONDITIONS OF ONE OF THE FOLLOWING PARAGRAPHS. IN ADDITION, AIRCRAFT WITH A MAXIMUM CERTIFICATED TAKEOFF GROSS WEIGHT OF 100,309 POUNDS (45,500 KGS) OR LESS, ARE NOT AUTHORIZED TO ENTER UNITED STATES (U.S.) TERRITORIAL AIRSPACE ENROUTE TO PLANNED ALTERNATES END PART 1 OF 10

FDC 3/2768 FDC PART 2 OF 10 ... SPECIAL NOTICE ... UNLESS THE OPERATOR MEETS THE REQUIREMENTS LISTED IN THIS NOTICE PRIOR TO LISTING U.S. AIRPORTS AS ALTERNATE LANDING AIRPORTS IN THE AIRCRAFT FLIGHT PLAN. A. ALL FOREIGN AIRCRAFT THAT HAVE A VALID DIPLOMATIC CLEARANCE ISSUED BY THE U.S. DEPARTMENT OF STATE ARE AUTHORIZED. THE U.S. DEPARTMENT OF STATE MAY REQUIRE AN FAA ROUTING AUTHORIZATION FOR CERTAIN FLIGHTS PRIOR TO ISSUING A DIPLOMATIC CLEARANCE. NOTE: FOREIGN DIPLOMATIC AIRCRAFT ARE NOT AUTHORIZED FOR ARRIVAL OR DEPARTURE AT WASHINGTON NATIONAL-RONALD REAGAN AIRPORT (DCA). B. AIRCRAFT REGISTERED IN UNITED STATES, MEXICO, CANADA, BAHAMAS, BERMUDA, CAYMAN ISLANDS, AND BRITISH VIRGIN ISLANDS ARE AUTHORIZED TO OPERATE WITHIN THE TERRITORIAL AIRSPACE OF THE U.S. IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS. AIRCRAFT REGISTERED IN THESE COUNTRIES ARE ALSO AUTHORIZED TO OPERATE VFR IN AIRPORT TRAFFIC PATTERN AREAS OF UNITED STATES AIRPORTS NEAR THE UNITED STATES BORDER. HOWEVER, IF THE AIRCRAFT DEPARTS THE AIRPORT VFR PATTERN AT ANY TIME AND TRANSITS CANADIAN, MEXICAN, OR INTERNATIONAL AIRSPACE ENROUTE TO ANOTHER AIRPORT, THE REQUIREMENTS OF PARAGRAPHS F. THROUGH J. APPLY. C. U.S. MILITARY, AIR AMBULANCE, FIRE FIGHTING, LAW ENFORCEMENT, END PART 2 OF 10

FDC 3/2768 FDC PART 3 OF 10 ... SPECIAL NOTICE ... RESCUE RECOVERY, AND EMERGENCY EVACUATION AIRCRAFT ENGAGED IN OPERATIONS WITHIN 50 NM OF THE BORDER ARE AUTHORIZED ONLY WITH AN ATC- ASSIGNED DISCRETE BEACON CODE. THIS REQUIREMENT IS APPLICABLE IF CONDUCTING OPERATIONS THAT EXIT AND REENTER OR CROSS IN AND OUT OF TERRITORIAL AIRSPACE OF THE UNITED STATES. D. CANADIAN AND MEXICAN AIR AMBULANCE, FIRE FIGHTING, LAW ENFORCEMENT, RESCUE RECOVERY, AND EMERGENCY EVACUATION AIRCRAFT ENGAGED IN OPERATIONS WITHIN 50 NM OF THE BORDER, WITH OR WITHOUT AN ACTIVE FLIGHT PLAN, ARE AUTHORIZED WITH AN ATC-ASSIGNED DISCRETE BEACON CODE. E. FOREIGN REGISTERED AIRCRAFT ARE AUTHORIZED TO OPERATE WITHIN U.S. TERRITORIAL AIRSPACE WHEN CONDUCTING POST MAINTENANCE, MANUFACTURER PRODUCTION, AND ACCEPTANCE FLIGHT TEST OPERATIONS IF IN COMPLIANCE WITH CONDITIONS 1 THROUGH 6: 1. FILE AND ARE ON AN ACTIVE FLIGHT PLAN; 2. ARE EQUIPPED WITH AN OPERATIONAL MODE C OR S TRANSPONDER AND CONTINUOUSLY SQUAWK AN ATC ISSUED TRANSPONDER CODE; 3. MAINTAIN TWO-WAY COMMUNICATIONS WITH ATC; 4. OPERATIONAL CONTROL IS BY A U.S. COMPANY; 5. A U.S. LICENSED PILOT IS PILOT IN COMMAND; 6. MAINTENANCE FLIGHT IS INCLUDED IN THE REMARKS SECTION OF THE FLIGHT PLAN. END PART 3 OF 10

FDC 3/2768 FDC PART 4 OF 10 ... SPECIAL NOTICE ... F. AIRCRAFT REGISTERED IN THE UNITED STATES ARE AUTHORIZED TO OPERATE TO OR FROM THE TERRITORIAL AIRSPACE OF THE U.S., IF IN COMPLIANCE WITH CONDITIONS 1 THROUGH 4: 1. FILE AND ARE ON AN ACTIVE FLIGHT PLAN (DVFR INCLUDED); 2. ARE EQUIPPED WITH AN OPERATIONAL MODE C OR S TRANSPONDER AND CONTINUOUSLY SQUAWK AN ATC ISSUED TRANSPONDER CODE; 3. MAINTAIN TWO-WAY COMMUNICATIONS WITH ATC; 4. COMPLY WITH ALL U.S. CUSTOMS AND BORDER PROTECTION REQUIREMENTS INCLUDING ADVANCE PASSENGER INFORMATION SYSTEM (APIS) REQUIREMENTS IN 19 CFR PART 122. G. AIRCRAFT REGISTERED IN THE UNITED STATES ARE AUTHORIZED TO TRANSIT THE TERRITORIAL AIRSPACE OF THE U.S., IF IN COMPLIANCE WITH CONDITIONS 1 THROUGH 3: 1. FILE AND ARE ON AN ACTIVE FLIGHT PLAN (DVFR INCLUDED); 2. ARE EQUIPPED WITH AN OPERATIONAL MODE C OR S TRANSPONDER AND CONTINUOUSLY SQUAWK AN ATC ISSUED TRANSPONDER CODE; 3. MAINTAIN TWO-WAY COMMUNICATIONS WITH ATC. H. AIRCRAFT REGISTERED IN MEXICO, CANADA, BAHAMAS, BERMUDA, CAYMAN ISLANDS, AND BRITISH VIRGIN ISLANDS ARE AUTHORIZED TO TRANSIT THE

TERRITORIAL AIRSPACE OF THE U.S., IF IN COMPLIANCE WITH CONDITIONS 1 THROUGH 3: END PART 4 OF 10

FDC 3/2768 FDC PART 5 OF 10 ... SPECIAL NOTICE ... 1. FILE AND ARE ON AN ACTIVE DIRECT FLIGHT PLAN (DVFR INCLUDED) THAT ENTERS U.S. TERRITORIAL AIRSPACE DIRECTLY FROM ANY OF THE COUNTRIES LISTED IN THIS PARAGRAPH. FLIGHTS THAT INCLUDE ANY STOP IN A NON-LISTED COUNTRY MUST COMPLY WITH ALL REQUIREMENTS FOR OTHER FOREIGN REGISTERED AIRCRAFT IN ACCORDANCE WITH PARAGRAPH L OF THIS NOTICE; 2. ARE EQUIPPED WITH AN OPERATIONAL MODE C OR S TRANSPONDER AND CONTINUOUSLY SQUAWK AN ATC ISSUED TRANSPONDER CODE; 3. MAINTAIN TWO-WAY COMMUNICATIONS WITH ATC. I. AIRCRAFT REGISTERED IN THE UNITED STATES, MEXICO, OR CANADA AND OPERATING WITHOUT AN OPERATIONAL MODE C OR S TRANSPONDER AND/OR WITHOUT THE ABILITY TO MAINTAIN TWO-WAY COMMUNICATIONS WITH ATC ARE AUTHORIZED TO OPERATE TO OR FROM THE U.S. TERRITORIAL AIRSPACE IN ALASKA, IF IN COMPLIANCE WITH CONDITIONS 1 THROUGH 4: 1. ENTER AND EXIT ALASKAN AIRSPACE BETWEEN CANADA AND ALASKA NORTH OF THE FIFTY-FOURTH PARALLEL; 2. FILE AND ARE ON AN ACTIVE FLIGHT PLAN; 3. SQUAWK 1200 IF VFR AND EQUIPPED WITH A TRANSPONDER; 4. COMPLY WITH ALL U.S. CUSTOMS AND BORDER PROTECTION REQUIREMENTS INCLUDING APIS REQUIREMENTS IN 19 CFR PART 122. J. AIRCRAFT REGISTERED IN THE UNITED STATES, MEXICO, OR CANADA AND OPERATING WITHOUT AN OPERATIONAL MODE C OR S TRANSPONDER AND/OR END PART 5 OF 10

FDC 3/2768 FDC PART 6 OF 10 ... SPECIAL NOTICE ... WITHOUT THE ABILITY TO MAINTAIN TWO-WAY COMMUNICATIONS WITH ATC ARE AUTHORIZED TO TRANSIT THE U.S. TERRITORIAL AIRSPACE IN ALASKA, IF IN COMPLIANCE WITH CONDITIONS 1 THROUGH 3: 1. ENTER AND EXIT ALASKAN AIRSPACE BETWEEN CANADA AND ALASKA NORTH OF THE FIFTY-FOURTH PARALLEL; 2. FILE AND ARE ON AN ACTIVE FLIGHT PLAN; 3. SQUAWK 1200 IF VFR AND EQUIPPED WITH A TRANSPONDER; K. FOREIGN REGISTERED AIRCRAFT OPERATING TO OR FROM THE TERRITORIAL AIRSPACE OF THE U.S. NOT SPECIFICALLY AUTHORIZED IN PARAGRAPHS A-J OF THIS PART, ARE AUTHORIZED IF IN COMPLIANCE WITH CONDITIONS 1 THROUGH 5: 1. FILE AND ARE ON AN ACTIVE FLIGHT PLAN (DVFR INCLUDED); 2. ARE EQUIPPED WITH AN OPERATIONAL MODE C OR S TRANSPONDER AND CONTINUOUSLY SQUAWK AN ATC ISSUED TRANSPONDER CODE; 3. MAINTAIN TWO-WAY COMMUNICATIONS WITH ATC; 4. COMPLY WITH ALL U.S. CUSTOMS AND BORDER PROTECTION REQUIREMENTS INCLUDING APIS REQUIREMENTS IN 19 CFR PART 122; 5. ARE ALSO IN RECEIPT OF AN FAA ROUTING AUTHORIZATION IF THE AIRCRAFT IS REGISTERED IN A STATE DEPARTMENT DESIGNATED SPECIAL INTEREST COUNTRY OR IS OPERATING WITH THE ICAO THREE LETTER DESIGNATOR OF A COMPANY IN A COUNTRY LISTED AS A STATE DEPARTMENT DESIGNATED SPECIAL INTEREST COUNTRY, UNLESS THE OPERATOR HAS FAA PART END PART 6 OF 10

FDC 3/2768 FDC PART 7 OF 10 ... SPECIAL NOTICE ... 129 OPERATIONS SPECIFICATIONS. FAA ROUTING AUTHORIZATION IN U.S. TERRITORIAL AIRSPACE MAY BE GRANTED ONLY FOR INSTRUMENT FLIGHT RULES (IFR) OPERATIONS. VFR FLIGHT OPERATIONS ARE PROHIBITED IN U.S. TERRITORIAL AIRSPACE FOR ANY AIRCRAFT REQUIRING AN FAA ROUTING AUTHORIZATION. L. FOREIGN REGISTERED AIRCRAFT TRANSITING OR OPERATING WITHIN THE TERRITORIAL AIRSPACE OF THE U.S. NOT SPECIFICALLY AUTHORIZED IN PARAGRAPHS A-K OF THIS PART, ARE AUTHORIZED IF IN COMPLIANCE WITH CONDITIONS 1 THROUGH 5: 1. FILE AND ARE ON AN ACTIVE FLIGHT PLAN (DVFR INCLUDED); 2. ARE EQUIPPED WITH AN OPERATIONAL MODE C OR S TRANSPONDER AND CONTINUOUSLY SQUAWK AN ATC ISSUED TRANSPONDER CODE; 3. MAINTAIN TWO-WAY COMMUNICATIONS WITH ATC; 4. ARE OPERATING UNDER AN APPROVED TSA AVIATION SECURITY PROGRAM OR ARE OPERATING WITH AN FAA/TSA AIRSPACE WAIVER; 5. ARE ALSO IN RECEIPT OF AN FAA ROUTING AUTHORIZATION IF THE AIRCRAFT IS REGISTERED IN A STATE DEPARTMENT DESIGNATED SPECIAL INTEREST COUNTRY OR IS OPERATING WITH THE ICAO THREE LETTER DESIGNATOR OF A COMPANY IN A COUNTRY LISTED AS A STATE DEPARTMENT DESIGNATED SPECIAL INTEREST COUNTRY, UNLESS THE OPERATOR HAS FAA PART 129 OPERATIONS SPECIFICATIONS. FAA ROUTING AUTHORIZATION IN U.S. END PART 7 OF 10

FDC 3/2768 FDC PART 8 OF 10 ... SPECIAL NOTICE ... TERRITORIAL AIRSPACE MAY BE GRANTED ONLY FOR INSTRUMENT FLIGHT RULES (IFR) OPERATIONS. VFR FLIGHT OPERATIONS ARE PROHIBITED IN U.S. TERRITORIAL AIRSPACE FOR ANY AIRCRAFT REQUIRING AN FAA ROUTING AUTHORIZATION. PART II. FAA/TSA AIRSPACE WAIVERS, TSA AVIATION SECURITY PROGRAMS, FAA ROUTING AUTHORIZATIONS, APIS, AND STATE DEPARTMENT DIPLOMATIC CLEARANCES A. FAA/TSA AIRSPACE WAIVERS 1. OPERATORS MAY SUBMIT REQUESTS FOR FAA/TSA AIRSPACE WAIVERS AT [HTTPS://WAIVERS.FAA.GOV](https://waivers.faa.gov). (CASE SENSITIVE-USE LOWER CASE ONLY) BY SELECTING INTERNATIONAL AS THE WAIVER TYPE. 2. INFORMATION CAN BE FOUND AT: [HTTP://WWW.TSA.GOV/STAKEHOLDERS/AIRSPACE-WAIVERS-0](http://www.tsa.gov/stakeholders/airspace-waivers-0) (CASE SENSITIVE-USE LOWER CASE ONLY) OR CAN BE OBTAINED BY CONTACTING TSA AT 571-227-2071. 3. FOR EMERGENCY OR SHORT NOTICE REQUESTS, CONTACT TSA AT 571-227-2071 OR AFTER HOURS AT 703-563-3218. 4. ALL EXISTING FAA/TSA WAIVERS UNDER FDC NOTAM 0/6432 REMAIN VALID FOR THE SPECIFIED END DATE IN WAIVER. B. TSA AVIATION SECURITY PROGRAMS 1. INFORMATION REGARDING TSA

AVIATION SECURITY PROGRAMS FOR GENERAL AVIATION OPERATIONS IS AVAILABLE AT:
[HTTP://WWW.TSA.GOV/STAKEHOLDERS/SECURITY- PROGRAMS-AND-INITIATIVES](http://www.tsa.gov/stakeholders/security-programs-and-initiatives). END PART 8 OF 10

FDC 3/2768 FDC PART 9 OF 10 ... SPECIAL NOTICE ... (CASE SENSITIVE-USE LOWER CASE ONLY). 2. CONTACTS FOR INFORMATION REGARDING TSA AVIATION SECURITY PROGRAMS WILL BE PROVIDED BY THE DEPARTMENT OF TRANSPORTATION DURING THE COMMERCIAL CERTIFICATION PROCESS. U.S. COMMERCIAL AIRCRAFT OPERATORS CONTACT THEIR TSA PRINCIPAL SECURITY SPECIALIST (PSS). FOREIGN AIR CARRIERS CONTACT THEIR INTERNATIONAL INDUSTRY REPRESENTATIVE (IIR). C. FAA ROUTING AUTHORIZATION INFORMATION APPLICABLE TO STATE DEPARTMENT DESIGNATED SPECIAL INTEREST FLIGHT OPERATIONS IN U.S. TERRITORIAL AIRSPACE IS AVAILABLE BY COUNTRY AT: [HTTP://WWW.FAA.GOV/AIR_TRAFFIC/PUBLICATIONS/IFIM/US_RESTRICTIONS/](http://www.faa.gov/air_traffic/publications/ifim/us_restrictions/) (CASE SENSITIVE-USE LOWER CASE ONLY) OR BY CONTACTING THE FAA SYSTEM OPERATIONS SUPPORT CENTER (SOSC) AT 202-267-8115. D. U.S. CUSTOMS AND BORDER PROTECTION ADVANCE PASSENGER INFORMATION SYSTEM (APIS) REQUIREMENTS ARE AVAILABLE AT [HTTP://WWW.CBP.GOV](http://www.cbp.gov) E. STATE DEPARTMENT DIPLOMATIC CLEARANCE INFORMATION APPLICABLE TO ALL FOREIGN DIPLOMATIC FLIGHTS OPERATING IN U.S. TERRITORIAL AIRSPACE IS AVAILABLE AT: [HTTP://WWW.USEG.ORG/USEG.HTML](http://www.useg.org/useg.html) (CASE SENSITIVE-USE LOWER CASE ONLY) OR CONTACT THE STATE DEPARTMENT AT 202-736-7158 OR AFTER HOURS AT 202-647- 9000. PART III. SPECIAL NOTICE END PART 9 OF 10

FDC 3/2768 FDC PART 10 OF 10 ... SPECIAL NOTICE ... A. PILOTS ARE REMINDED THAT THERE ARE INCREASED SECURITY MEASURES IN PLACE AT MANY AREAS. IN ACCORDANCE WITH 14 CFR SECTION 91.103, PRIOR TO DEPARTURE, PILOTS MUST OBTAIN PERTINENT FLIGHT INFORMATION, INCLUDING ANY TEMPORARY FLIGHT RESTRICTIONS ALONG THEIR ROUTE OF FLIGHT OR AT THEIR POINT OF DEPARTURE/ARRIVAL. B. NONCOMPLIANCE WITH THE SECURITY REQUIREMENTS IN THIS SPECIAL NOTICE MAY RESULT IN THE FLIGHT BEING DENIED ENTRY INTO THE TERRITORIAL AIRSPACE OF THE U.S. OR GROUND STOPPED AT A U.S. AIRPORT DESIGNATED BY THE FAA AND/OR TSA. C. ANY PERSON WHO KNOWINGLY OR WILLFULLY VIOLATES THE RULES CONCERNING OPERATIONS IN THIS SPECIAL NOTICE MAY BE SUBJECT TO CERTAIN CRIMINAL PENALTIES UNDER 49 USC 46307. PILOTS WHO DO NOT ADHERE TO THE FOLLOWING PROCEDURES MAY BE INTERCEPTED, DETAINED AND INTERVIEWED BY LAW ENFORCEMENT/USSS/SECURITY PERSONNEL. SEPARATE SPECIAL NOTICE NOTAM ISSUED FOR DEFINITIONS. END PART 10 OF 10

FDC 3/2735 FDC PART 1 OF 10 ... SPECIAL NOTICE ... AIRCRAFT WITH A MAXIMUM CERTIFICATED TAKEOFF GROSS WEIGHT MORE THAN 100,309 POUNDS (45,500 KGS) THAT OPERATE TO OR FROM OR WITHIN OR TRANSIT TERRITORIAL AIRSPACE OF THE UNITED STATES (U.S.). EFFECTIVE 1307010001 UTC UNTIL FURTHER NOTICE. THIS NOTICE, AND ANOTHER SEPARATE SPECIAL NOTICE NOTAM FOR AIRCRAFT WITH A MAXIMUM CERTIFICATED TAKEOFF GROSS WEIGHT OF 100,309 POUNDS (45,500 KGS) OR LESS, REPLACES PREVIOUSLY ISSUED FDC SPECIAL NOTICE NOTAMS 0/6433 AND 2/5598. IN ADDITION TO THE REQUIREMENTS PRESCRIBED IN 14 CFR PART 99, SECURITY CONTROL OF AIR TRAFFIC, THE FOLLOWING SPECIAL SECURITY REQUIREMENTS ARE IN EFFECT PURSUANT TO 14 CFR SECTION 99.7 SPECIAL SECURITY INSTRUCTIONS. PART I. AUTHORIZED OPERATIONS AIRCRAFT WITH A MAXIMUM CERTIFICATED TAKEOFF GROSS WEIGHT MORE THAN 100,309 POUNDS (45,500 KGS), ARE NOT AUTHORIZED TO OPERATE TO OR FROM END PART 1 OF 10

FDC 3/2735 FDC PART 2 OF 10 ... SPECIAL NOTICE ... OR WITHIN OR TRANSIT TERRITORIAL AIRSPACE OF THE U.S. UNLESS THEY MEET THE CONDITIONS OF ONE OF THE FOLLOWING PARAGRAPHS. IN ADDITION, AIRCRAFT WITH A MAXIMUM CERTIFICATED TAKEOFF GROSS WEIGHT MORE THAN 100,309 POUNDS (45,500 KGS), ARE NOT AUTHORIZED TO ENTER UNITED STATES (U.S.) TERRITORIAL AIRSPACE ENROUTE TO PLANNED ALTERNATES UNLESS THE OPERATOR MEETS THE REQUIREMENTS LISTED IN THIS NOTICE PRIOR TO LISTING U.S. AIRPORTS AS ALTERNATE LANDING AIRPORTS IN THE AIRCRAFT FLIGHT PLAN. A. ALL FOREIGN AIRCRAFT THAT HAVE A VALID DIPLOMATIC CLEARANCE ISSUED BY THE U.S. DEPARTMENT OF STATE ARE AUTHORIZED. THE U.S. DEPARTMENT OF STATE MAY REQUIRE AN FAA ROUTING AUTHORIZATION FOR CERTAIN FLIGHTS PRIOR TO ISSUING A DIPLOMATIC CLEARANCE. NOTE: FOREIGN DIPLOMATIC AIRCRAFT ARE NOT AUTHORIZED FOR ARRIVAL OR DEPARTURE AT WASHINGTON NATIONAL- RONALD REAGAN AIRPORT (DCA). B. AIRCRAFT REGISTERED IN THE UNITED STATES ARE AUTHORIZED TO OPERATE WITHIN THE TERRITORIAL AIRSPACE OF THE U.S. IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS. AIRCRAFT REGISTERED IN THE UNITED STATES ARE ALSO AUTHORIZED TO OPERATE VFR IN AIRPORT TRAFFIC PATTERN AREAS OF END PART 2 OF 10

FDC 3/2735 FDC PART 3 OF 10 ... SPECIAL NOTICE ... UNITED STATES AIRPORTS NEAR THE UNITED STATES BORDER. HOWEVER, IF THE AIRCRAFT DEPARTS THE AIRPORT VFR PATTERN AT ANY TIME AND TRANSITS CANADIAN, MEXICAN, OR INTERNATIONAL AIRSPACE ENROUTE TO ANOTHER

AIRPORT, THE REQUIREMENTS OF PARAGRAPHS E. AND F. APPLY. C. U.S. MILITARY, AIR AMBULANCE, FIRE FIGHTING, LAW ENFORCEMENT, RESCUE RECOVERY, AND EMERGENCY EVACUATION AIRCRAFT ENGAGED IN OPERATIONS WITHIN 50 NM OF THE BORDER ARE AUTHORIZED ONLY WITH AN ATC-ASSIGNED DISCRETE BEACON CODE. THIS REQUIREMENT IS APPLICABLE IF CONDUCTING OPERATIONS THAT EXIT AND REENTER OR CROSS IN AND OUT OF TERRITORIAL AIRSPACE OF THE UNITED STATES. D. CANADIAN AND MEXICAN AIR AMBULANCE, FIRE FIGHTING, LAW ENFORCEMENT, RESCUE RECOVERY, AND EMERGENCY EVACUATION AIRCRAFT ENGAGED IN OPERATIONS WITHIN 50 NM OF THE BORDER, WITH OR WITHOUT AN ACTIVE FLIGHT PLAN, ARE AUTHORIZED WITH AN ATC-ASSIGNED DISCRETE BEACON CODE. E. U.S REGISTERED AIRCRAFT ARE AUTHORIZED TO OPERATE TO OR FROM TERRITORIAL AIRSPACE OF THE U.S. IF IN COMPLIANCE WITH CONDITIONS 1 END PART 3 OF 10

FDC 3/2735 FDC PART 4 OF 10 ... SPECIAL NOTICE ... THROUGH 4: 1. FILE AND ARE ON AN ACTIVE FLIGHT PLAN (DVFR INCLUDED); 2. ARE EQUIPPED WITH AN OPERATIONAL MODE C OR S TRANSPONDER AND CONTINUOUSLY SQUAWK AN ATC ISSUED TRANSPONDER CODE; 3. MAINTAIN TWO-WAY COMMUNICATIONS WITH ATC; 4. COMPLY WITH ALL U.S. CUSTOMS REQUIREMENTS INCLUDING ADVANCE PASSENGER INFORMATION SYSTEM (APIS) REQUIREMENTS IN 19 CFR PART 122 F. U.S REGISTERED AIRCRAFT ARE AUTHORIZED TO TRANSIT TERRITORIAL AIRSPACE OF THE U.S. IF IN COMPLIANCE WITH CONDITIONS 1 THROUGH 4: 1. FILE AND ARE ON AN ACTIVE FLIGHT PLAN (DVFR INCLUDED); 2. ARE EQUIPPED WITH AN OPERATIONAL MODE C OR S TRANSPONDER AND CONTINUOUSLY SQUAWK AN ATC ISSUED TRANSPONDER CODE; 3. MAINTAIN TWO-WAY COMMUNICATIONS WITH ATC; 4. ARE OPERATING UNDER AN APPROVED TSA AVIATION SECURITY PROGRAM OR ARE OPERATING WITH AN FAA/TSA AIRSPACE WAIVER. G. FOREIGN REGISTERED AIRCRAFT OPERATING TO OR FROM THE TERRITORIAL AIRSPACE OF THE U.S. NOT SPECIFICALLY AUTHORIZED IN PARAGRAPHS A-F OF THIS PART, ARE AUTHORIZED IF IN COMPLIANCE WITH CONDITIONS 1 THROUGH END PART 4 OF 10

FDC 3/2735 FDC PART 5 OF 10 ... SPECIAL NOTICE ... 5: 1. FILE AND ARE ON AN ACTIVE FLIGHT PLAN (DVFR INCLUDED); 2. ARE EQUIPPED WITH AN OPERATIONAL MODE C OR S TRANSPONDER AND CONTINUOUSLY SQUAWK AN ATC ISSUED TRANSPONDER CODE; 3. MAINTAIN TWO-WAY COMMUNICATIONS WITH ATC; 4. COMPLY WITH ALL U.S. CUSTOMS AND BORDER PROTECTION REQUIREMENTS INCLUDING APIS REQUIREMENTS IN 19 CFR PART 122; 5. ARE ALSO IN RECEIPT OF AN FAA ROUTING AUTHORIZATION IF THE AIRCRAFT IS REGISTERED IN A STATE DEPARTMENT DESIGNATED SPECIAL INTEREST COUNTRY OR IS OPERATING WITH THE ICAO THREE LETTER DESIGNATOR OF A COMPANY IN A COUNTRY LISTED AS A STATE DEPARTMENT DESIGNATED SPECIAL INTEREST COUNTRY, UNLESS THE OPERATOR HAS FAA PART 129 OPERATIONS SPECIFICATIONS. FAA ROUTING AUTHORIZATION IN U.S. TERRITORIAL AIRSPACE MAY BE GRANTED ONLY FOR INSTRUMENT FLIGHT RULES (IFR) OPERATIONS. VFR FLIGHT OPERATIONS ARE PROHIBITED IN U.S. TERRITORIAL AIRSPACE FOR ANY AIRCRAFT REQUIRING AN FAA ROUTING AUTHORIZATION. H. FOREIGN REGISTERED AIRCRAFT TRANSITING OR OPERATING WITHIN THE TERRITORIAL AIRSPACE OF THE U.S. NOT SPECIFICALLY AUTHORIZED IN END PART 5 OF 10

FDC 3/2735 FDC PART 6 OF 10 ... SPECIAL NOTICE ... PARAGRAPHS A-G OF THIS PART, ARE AUTHORIZED IF IN COMPLIANCE WITH CONDITIONS 1 THROUGH 5: 1. FILE AND ARE ON AN ACTIVE FLIGHT PLAN (DVFR INCLUDED); 2. ARE EQUIPPED WITH AN OPERATIONAL MODE C OR S TRANSPONDER AND CONTINUOUSLY SQUAWK AN ATC ISSUED TRANSPONDER CODE; 3. MAINTAIN TWO-WAY COMMUNICATIONS WITH ATC; 4. ARE OPERATING UNDER AN APPROVED TSA AVIATION SECURITY PROGRAM OR ARE OPERATING WITH AN FAA/TSA AIRSPACE WAIVER; 5. ARE ALSO IN RECEIPT OF AN FAA ROUTING AUTHORIZATION IF THE AIRCRAFT IS REGISTERED IN A STATE DEPARTMENT DESIGNATED SPECIAL INTEREST COUNTRY OR IS OPERATING WITH THE ICAO THREE LETTER DESIGNATOR OF A COMPANY IN A COUNTRY LISTED AS A STATE DEPARTMENT DESIGNATED SPECIAL INTEREST COUNTRY, UNLESS THE OPERATOR HAS FAA PART 129 OPERATIONS SPECIFICATIONS. FAA ROUTING AUTHORIZATION IN U.S. TERRITORIAL AIRSPACE MAY BE GRANTED ONLY FOR INSTRUMENT FLIGHT RULES (IFR) OPERATIONS. VFR FLIGHT OPERATIONS ARE PROHIBITED IN U.S. TERRITORIAL AIRSPACE FOR ANY AIRCRAFT REQUIRING AN FAA ROUTING AUTHORIZATION. PART II. FAA/TSA AIRSPACE WAIVERS, TSA AVIATION SECURITY PROGRAMS, END PART 6 OF 10

FDC 3/2735 FDC PART 7 OF 10 ... SPECIAL NOTICE ... FAA ROUTING AUTHORIZATIONS, APIS, AND STATE DEPARTMENT DIPLOMATIC CLEARANCES A. FAA/TSA AIRSPACE WAIVERS 1. OPERATORS MAY SUBMIT REQUESTS FOR FAA/TSA AIRSPACE WAIVERS AT [HTTPS://WAIVERS.FAA.GOV](https://waivers.faa.gov). (CASE SENSITIVE-USE LOWER CASE ONLY) BY SELECTING INTERNATIONAL AS THE WAIVER TYPE. 2. INFORMATION CAN BE FOUND AT: [HTTP://WWW.TSA.GOV/STAKEHOLDERS/AIRSPACE-WAIVERS-0](http://www.tsa.gov/stakeholders/airspace-waivers-0). (CASE SENSITIVE-USE LOWER CASE ONLY) OR CAN BE OBTAINED BY CONTACTING TSA AT 571-227-2071. 3. FOR EMERGENCY OR SHORT NOTICE REQUESTS, CONTACT TSA AT 571-227-2071 OR AFTER HOURS AT 703-563-3218. 4. ALL EXISTING FAA/TSA WAIVERS UNDER FDC NOTAM 0/6433 REMAIN VALID FOR THE SPECIFIED END DATE IN WAIVER. B. TSA AVIATION SECURITY PROGRAMS 1.

INFORMATION REGARDING TSA AVIATION SECURITY PROGRAMS FOR GENERAL AVIATION OPERATIONS IS AVAILABLE AT: [HTTP://WWW.TSA.GOV/STAKEHOLDERS/SECURITY-PROGRAMS-AND-INITIATIVES](http://www.tsa.gov/stakeholders/security-programs-and-initiatives). END PART 7 OF 10

FDC 3/2735 FDC PART 8 OF 10 ... SPECIAL NOTICE ... (CASE SENSITIVE-USE LOWER CASE ONLY). 2. CONTACTS FOR INFORMATION REGARDING TSA AVIATION SECURITY PROGRAMS WILL BE PROVIDED BY THE DEPARTMENT OF TRANSPORTATION DURING THE COMMERCIAL CERTIFICATION PROCESS. U.S. COMMERCIAL AIRCRAFT OPERATORS CONTACT THEIR TSA PRINCIPAL SECURITY SPECIALIST (PSS). FOREIGN AIR CARRIERS CONTACT THEIR INTERNATIONAL INDUSTRY REPRESENTATIVE (IIR). C. FAA ROUTING AUTHORIZATION INFORMATION APPLICABLE TO STATE DEPARTMENT DESIGNATED SPECIAL INTEREST FLIGHT OPERATIONS IN U.S. TERRITORIAL AIRSPACE IS AVAILABLE BY COUNTRY AT: [HTTP://WWW.FAA.GOV/AIR_TRAFFIC/PUBLICATIONS/IFIM/US_RESTRICTIONS/](http://www.faa.gov/air_traffic/publications/ifim/us_restrictions/) (CASE SENSITIVE-USE LOWER CASE ONLY) OR BY CONTACTING THE FAA SYSTEM OPERATIONS SUPPORT CENTER (SOSC) AT 202-267-8115. D. U.S. CUSTOMS AND BORDER PROTECTION ADVANCE PASSENGER INFORMATION SYSTEM (APIS) REQUIREMENTS ARE AVAILABLE AT: [HTTP://WWW.CBP.GOV](http://www.cbp.gov) E. STATE DEPARTMENT DIPLOMATIC CLEARANCE INFORMATION APPLICABLE TO ALL FOREIGN DIPLOMATIC FLIGHTS OPERATING IN U.S. TERRITORIAL AIRSPACE IS AVAILABLE AT: [HTTP://WWW.USEG.ORG/USEG.HTML](http://www.useg.org/useg.html) (CASE SENSITIVE-USE END PART 8 OF 10

FDC 3/2735 FDC PART 9 OF 10 ... SPECIAL NOTICE ... LOWER CASE ONLY) OR CONTACT THE STATE DEPARTMENT AT 202-736-7158 OR AFTER HOURS AT 202-647-9000. PART III. SPECIAL NOTICE A. PILOTS ARE REMINDED THAT THERE ARE INCREASED SECURITY MEASURES IN PLACE AT MANY AREAS. IN ACCORDANCE WITH 14 CFR SECTION 91.103, PRIOR TO DEPARTURE, PILOTS MUST OBTAIN PERTINENT FLIGHT INFORMATION, INCLUDING ANY TEMPORARY FLIGHT RESTRICTIONS ALONG THEIR ROUTE OF FLIGHT OR AT THEIR POINT OF DEPARTURE/ARRIVAL. B. NONCOMPLIANCE WITH THE SECURITY REQUIREMENTS IN THIS SPECIAL NOTICE MAY RESULT IN THE FLIGHT BEING DENIED ENTRY INTO THE TERRITORIAL AIRSPACE OF THE U.S. OR GROUND STOPPED AT A U.S. AIRPORT DESIGNATED BY THE FAA AND/OR TSA. C. ANY PERSON WHO KNOWINGLY OR WILLFULLY VIOLATES THE RULES CONCERNING OPERATIONS IN THIS SPECIAL NOTICE MAY BE SUBJECT TO CERTAIN CRIMINAL PENALTIES UNDER 49 USC 46307. PILOTS WHO DO NOT ADHERE TO THE FOLLOWING PROCEDURES MAY BE INTERCEPTED, DETAINED AND INTERVIEWED BY LAW ENFORCEMENT/USSS/SECURITY PERSONNEL. END PART 9 OF 10

FDC 3/2735 FDC PART 10 OF 10 ... SPECIAL NOTICE ... D. SEPARATE SPECIAL NOTICE NOTAM ISSUED FOR DEFINITIONS. END PART 10 OF 10

FDC 2/2422 FDC PART 1 OF 2 SPECIAL ADVISORY NOTICE. A WARNING SIGNAL FOR COMMUNICATING WITH AIRCRAFT IS DEPLOYED AND IS OPERATING WITHIN THE WASHINGTON DC SPECIAL FLIGHT RULES AREA (SFRA), INCLUDING THE FLIGHT RESTRICTED ZONE (FRZ). THE SIGNAL CONSISTS OF HIGHLY FOCUSED RED AND GREEN COLORED LIGHTS IN AN ALTERNATING RED/RED/GREEN SIGNAL PATTERN. THIS SIGNAL MAY BE DIRECTED AT SPECIFIC AIRCRAFT SUSPECTED OF MAKING UNAUTHORIZED ENTRY INTO THE SFRA/FRZ AND ARE ON A HEADING OR FLIGHT PATH THAT MAY BE INTERPRETED AS A THREAT OR AT THE REQUEST OF THE FAA. THE BEAM IS NOT INJURIOUS TO THE EYES OF PILOTS/AIRCROWS OR PASSENGERS, REGARDLESS OF ALTITUDE OR DISTANCE FROM THE SOURCE. IF YOU ARE IN COMMUNICATION WITH AIR TRAFFIC CONTROL AND THIS SIGNAL IS DIRECTED AT YOUR AIRCRAFT, WE ADVISE YOU TO IMMEDIATELY COMMUNICATE WITH ATC THAT YOU ARE BEING ILLUMINATED BY A VISUAL WARNING SIGNAL. IF THIS SIGNAL IS DIRECTED AT YOU AND YOU ARE NOT COMMUNICATING WITH ATC, WE ADVISE YOU TO TURN TO A HEADING AWAY FROM THE CENTER OF THE FRZ/SFRA AS SOON AS POSSIBLE AND IMMEDIATELY CONTACT ATC ON AN APPROPRIATE FREQUENCY, OR IF UNSURE OF THE FREQUENCY, CONTACT ATC ON VHF GUARD 121.5 OR UHF GUARD 243.0. BE ADVISED THAT FAILURE TO FOLLOW THE RECOMMENDED PROCEDURES OUTLINED ABOVE MAY RESULT IN INTERCEPTION BY MILITARY AIRCRAFT AND/OR THE USE OF FORCE. END PART 1 OF 2

FDC 2/2422 FDC PART 2 OF 2 SPECIAL ADVISORY NOTICE. THIS NOTICE ONLY APPLIES TO VFR AIRCRAFT OPERATING WITHIN THE SFRA/FRZ, INCLUDING DOD, LAW ENFORCEMENT, AND AEROMEDICAL OPERATIONS. THIS NOTICE DOES NOT CHANGE PROCEDURES ESTABLISHED FOR REPORTING UNAUTHORIZED LASER ILLUMINATION AS PUBLISHED IN ADVISORY CIRCULAR 70-2. "THIS SIGNAL MAY BE DIRECTED AT SPECIFIC AIRCRAFT SUSPECTED OF MAKING UNAUTHORIZED ENTRY INTO THE SFRA/FRZ AND ARE ON A HEADING OR FLIGHT PATH THAT MAY BE INTERPRETED AS A THREAT OR THAT OPERATE CONTRARY TO THE OPERATING RULES FOR THE SFRA/FRZ". END PART 2 OF 2

FDC 1/1155 ZDC DC .. FLIGHT RESTRICTIONS, WASHINGTON, DC. EFFECTIVE 1101102040 UTC UNTIL FURTHER NOTICE. THIS NOTICE WILL REPLACE NOTAM 0/9463 DUE TO TECHNICAL ERROR, NO CHANGES IN RESTRICTIONS. PURSUANT TO TITLE 14 CFR SECTION 99.7, SPECIAL SECURITY

INSTRUCTIONS. A. EXCEPT FOR FAA APPROVED DOD, LAW ENFORCEMENT, AND WAIVERED LIFEGUARD/AIR AMBULANCE FLIGHTS, ALL VFR AIRCRAFT OPERATIONS WITHIN 30NM OF 385134N/0770211W OR THE WASHINGTON /DCA/ VOR/DME, FROM THE SURFACE UP TO BUT NOT INCLUDING FL180, ARE RESTRICTED TO AN INDICATED AIRSPEED OF 180 KNOTS OR LESS, IF CAPABLE. IF UNABLE, THE PILOT MUST CONTACT THE APPROPRIATE ATC FACILITY AND ADVISE THEM OF THE AIRCRAFT'S OPERATIONAL LIMITATIONS. B. ALL VFR AIRCRAFT OPERATIONS WITHIN THE AIRSPACE BETWEEN 30 NMR AND 60 NMR OF 385134N/0770211W OR THE WASHINGTON /DCA/ VOR/DME, FROM THE SURFACE UP TO BUT NOT INCLUDING FL180, ARE RESTRICTED TO AN INDICATED AIRSPEED OF 230 KNOTS OR LESS, IF CAPABLE. IF UNABLE THE PILOT MUST CONTACT THE APPROPRIATE ATC FACILITY AND ADVISE THEM OF THE AIRCRAFT'S OPERATIONAL LIMITATIONS PRIOR TO ENTERING THE 60 NMR OF THE WASHINGTON /DCA/ VOR/DME.

FDC 0/8326 ZDC PART 1 OF 10 FLIGHT RESTRICTIONS, WASHINGTON, DC, EFFECTIVE 1012010401 UTC UNTIL FURTHER NOTICE. THIS NOTICE WILL REPLACE NOTAM 0/9477 DUE TO A CHANGE IN RESTRICTIONS. THIS NOTAM AND A NOTAM FOR THE LEESBURG MANEUVERING AREA SUPPLEMENT SUBPART V, 14 CFR PART 93 FOR THE WASHINGTON, D.C. SPECIAL FLIGHT RULES AREA (DC SFRA). PURSUANT TO 49 USC 40103(B), THE FAA HAS ESTABLISHED THE DC SFRA AREA AS 'NATIONAL DEFENSE AIRSPACE. ANY PERSON WHO DOES NOT COMPLY WITH THE REQUIREMENTS APPLICABLE TO THE DC SFRA MAY BE INTERCEPTED, DETAINED AND INTERVIEWED BY LAW ENFORCEMENT/SECURITY PERSONNEL. ANY OF THE FOLLOWING ADDITIONAL ACTIONS MAY ALSO BE TAKEN AGAINST A PILOT WHO DOES NOT COMPLY WITH THE REQUIREMENTS OR ANY SPECIAL INSTRUCTIONS OR PROCEDURES ANNOUNCED IN THIS NOTAM: A) THE FAA MAY TAKE ADMINISTRATIVE ACTION, INCLUDING IMPOSING CIVIL PENALTIES AND THE SUSPENSION OR REVOCATION OF AIRMEN CERTIFICATES; B) THE UNITED STATES GOVERNMENT MAY PURSUE CRIMINAL CHARGES, INCLUDING CHARGES UNDER TITLE 49 OF THE UNITED STATES CODE, SECTION 46307; C) THE UNITED STATES GOVERNMENT MAY USE DEADLY FORCE AGAINST THE AIRBORNE AIRCRAFT, IF IT IS DETERMINED THAT THE AIRCRAFT POSES AN IMMINENT SECURITY THREAT. 1. THIS NOTICE SUPPLEMENTS THE DC SFRA WITH ADDITIONAL GUIDANCE AND INFORMATION. 2. APPLICATION OF DEFINITIONS IN SUBPART V, 14 CFR SECTION 93.335: A. THE DC FLIGHT RESTRICTED ZONE END PART 1 OF 10

FDC 0/8326 ZDC PART 2 OF 10 FLIGHT RESTRICTIONS, WASHINGTON, DC, EFFECTIVE (DC FRZ) FLIGHT PLAN FULFILLS THE REQUIREMENT FOR A DC SFRA FLIGHT PLAN. A DC FRZ FLIGHT PLAN MUST BE FILED WITH FLIGHT SERVICE AT 866-225-7410. THE INITIATOR/PILOT MUST IDENTIFY THEMSELVES AND USE THE CONFIDENTIAL PILOT IDENTIFICATION CODE OR THEIR WAIVER NUMBER. B. A DC SFRA FLIGHT PLAN DOES NOT FULFILL THE REQUIREMENTS FOR VISUAL FLIGHT RULES (VFR) OPERATIONS IN THE DC FRZ. A DC FRZ FLIGHT PLAN IS REQUIRED FOR VFR OPERATIONS IN THE DC FRZ. C. PILOTS MAY NOT FILE A DC FRZ FLIGHT PLAN WHILE AIRBORNE. 3. ADDITIONS TO OPERATING IN THE DC SFRA 14 CFR SECTION 93.339: A. AIRCRAFT OPERATING IN THE DC SFRA MUST BE EQUIPPED WITH AN OPERABLE TWO WAY RADIO CAPABLE OF COMMUNICATING WITH ATC ON APPROPRIATE RADIO FREQUENCIES OR UNICOM. IT IS HIGHLY RECOMMENDED THAT A PILOT CONTINUOUSLY MONITOR VHF FREQUENCY 121.5 OR UHF FREQUENCY 243.0 FOR EMERGENCY INSTRUCTIONS WHEN OPERATING AN AIRCRAFT IN THE DC SFRA, EITHER IN AN AIRCRAFT THAT IS SUITABLY EQUIPPED, OR BY USE OF PORTABLE EQUIPMENT. B. ANY PERSON OPERATING AN AIRBORNE AIRCRAFT UNDER VFR WITHIN OR TRANSITING THE DC SFRA/FRZ WHO IS AWARE OF AN INABILITY TO COMPLY WITH THE REQUIREMENT TO MAINTAIN RADIO CONTACT WITH ATC MUST IMMEDIATELY SQUAWK 7600 AND EXIT THE DC SFRA/FRZ BY THE MOST DIRECT LATERAL ROUTE UNLESS; 1) THE DEPARTURE POINT IS WITHIN THE SFRA AND THE DEPARTURE POINT IS CLOSER END PART 2 OF 10

FDC 0/8326 ZDC PART 3 OF 10 FLIGHT RESTRICTIONS, WASHINGTON, DC, EFFECTIVE THAN THE SFRA BOUNDARY, THE PILOT MAY RETURN TO THE DEPARTURE POINT BY THE MOST DIRECT ROUTE. 2) IF THE DEPARTURE POINT IS WITHIN THE FRZ AND THE AIRCRAFT IS WITHIN 5 NM OF THE DEPARTURE POINT, THE PILOT MAY RETURN TO THE DEPARTURE POINT BY THE MOST DIRECT ROUTE. OTHERWISE, THE PILOT MUST EXIT THE FRZ VIA THE MOST DIRECT ROUTE. C. ANY PERSON OPERATING AN AIRBORNE AIRCRAFT UNDER INSTRUMENT FLIGHT RULES (IFR) WITHIN OR TRANSITING THE DC SFRA/FRZ WHO IS AWARE OF AN INABILITY TO COMPLY WITH THE REQUIREMENT TO MAINTAIN RADIO CONTACT WITH ATC MUST CONTINUE THE FLIGHT VIA THE TWO-WAY RADIO COMMUNICATIONS FAILURE PROCEDURES FOUND IN THE FAA AERONAUTICAL INFORMATION MANUAL (AIM) OR APPLICABLE FEDERAL AVIATION REGULATIONS (FAR). D. AIRCRAFT DEPARTING AIRPORTS WITHIN THE SFRA WITH LIMITED TWO-WAY RADIO COMMUNICATIONS MUST ESTABLISH TWO-WAY COMMUNICATIONS AS SOON AS FEASIBLE, NORMALLY WITHIN 2NM OF THE

DEPARTURE POINT. E. PATTERN WORK OPERATIONS AT NON-CONTROLLED TOWER AIRPORTS WITHIN THE SFRA (BUT NOT WITHIN THE DC FRZ) MUST BE CONDUCTED IN ACCORDANCE WITH 14 CFR SECTION 93.339 (C) AND THE PROCEDURES SPECIFIED IN THE MOST CURRENT POTOMAC TRACON LETTER TO AIRMEN ON THE SUBJECT. THE LETTER CAN BE FOUND AT: END PART 3 OF 10

FDC 0/8326 ZDC PART 4 OF 10 FLIGHT RESTRICTIONS, WASHINGTON, DC, EFFECTIVE [HTTP://WWW.FAA.GOV/ABOUT/OFFICE_ORG/HEADQUARTERS_OFFICES/ATO/TRACON/PCT/](http://www.faa.gov/about/office_org/headquarters_offices/ato/tracon/pct/) 4. ADDITIONS TO OPERATING IN THE DC FRZ 14 CFR SECTION 93.341. ALL OPERATIONS ARE PROHIBITED WITHIN THE FRZ (INCLUDING TRANSIT) UNLESS OUTLINED BELOW: A. THE FOLLOWING OPERATIONS ARE NOT AUTHORIZED WITHIN THE DC FRZ: FLIGHT TRAINING, AEROBATIC FLIGHT, PRACTICE INSTRUMENT APPROACHES, GLIDER OPERATIONS, PARACHUTE OPERATIONS, ULTRA LIGHT, HANG GLIDING, BALLOON OPERATIONS, TETHERED BALLOONS, AGRICULTURE/CROP DUSTING, ANIMAL POPULATION CONTROL FLIGHT OPERATIONS, BANNER TOWING OPERATIONS, MAINTENANCE TEST FLIGHTS, MODEL AIRCRAFT OPERATIONS, MODEL ROCKETRY, FLOAT PLANE OPERATIONS, UNMANNED AIRCRAFT SYSTEMS (UAS) AND AIRCRAFT/HELICOPTERS OPERATING FROM A SHIP OR PRIVATE/CORPORATE YACHT. B. IT IS HIGHLY RECOMMENDED THAT A PILOT CONTINUOUSLY MONITOR VHF FREQUENCY 121.5 OR UHF FREQUENCY 243.0 FOR EMERGENCY INSTRUCTIONS WHEN OPERATING AN AIRCRAFT IN THE DC FRZ, EITHER IN AN AIRCRAFT THAT IS SUITABLY EQUIPPED, OR BY USE OF PORTABLE EQUIPMENT. C. ALL AIR AMBULANCE FLIGHTS MUST OBTAIN AND COMPLY WITH AN FAA/TSA WAIVER FOR OPERATIONS WITHIN THE FRZ. D. ALL END PART 4 OF 10

FDC 0/8326 ZDC PART 5 OF 10 FLIGHT RESTRICTIONS, WASHINGTON, DC, EFFECTIVE U.S. STATE AND LOCAL LAW ENFORCEMENT AIRCRAFT MUST OBTAIN AND COMPLY WITH AN FAA/TSA WAIVER FOR OPERATIONS WITHIN THE FRZ. E. DOD OPERATORS CONDUCTING VFR, ROTARY WING FLIGHTS WITHIN THE FRZ MUST CONTACT THE NCRCC AT 866-598-9525 PRIOR TO ENTERING THE FRZ. F. APPROVED DOD, LAW ENFORCEMENT, AND LIFEGUARD/AIR AMBULANCE OPERATORS MAY CONDUCT TRAINING/MAINTENANCE FLIGHTS WITHIN THE DC FRZ WITH PRIOR APPROVAL AND COORDINATION WITH THE TSA NCRCC AT 866-598- 9520. THESE OPERATIONS ARE TO BE KEPT TO A MINIMUM CONSISTENT WITH FLIGHT SAFETY AND PILOT PROFICIENCY. G. THE FAA OFFICE OF SYSTEM OPERATIONS SECURITY MAY EXEMPT OPERATORS FROM RESTRICTIONS BASED ON SAFETY, CRITICALITY AND TIMELINESS OF THE MISSION REQUIREMENTS BEING PERFORMED. 5. ADDITIONS TO OPERATING IN THE DC FRZ 14 CFR SECTION 93.341, OPERATIONS AT RONALD REAGAN WASHINGTON NATIONAL AIRPORT (DCA): A. PART 121 AND 129 REGULARLY SCHEDULED AIR CARRIER FLIGHTS WITH TSA APPROVED AIRCRAFT OPERATOR STANDARD SECURITY PROGRAM, FULL ALL CARGO AIRCRAFT OPERATOR STANDARD SECURITY PROGRAM OR MODEL SECURITY PROGRAM (MSP) AND HAVE SPECIFIC AUTHORIZATION FROM THE DEPARTMENT OF TRANSPORTATION (DOT), MAY LAND AND DEPART RONALD REAGAN WASHINGTON NATIONAL AIRPORT (DCA) HEREIN REFERRED TO AS DCA APPROVED CARRIERS. B. DCA APPROVED AIR CARRIERS, OPERATING UNSCHEDULED, END PART 5 OF 10

FDC 0/8326 ZDC PART 6 OF 10 FLIGHT RESTRICTIONS, WASHINGTON, DC, EFFECTIVE CHARTER OR ADDITIONAL SECTIONS MAY OPERATE WITHOUT A WAIVER UNDER THE FOLLOWING CONDITIONS: 1) ALL OPERATIONS MUST BE CONDUCTED IN ACCORDANCE WITH THEIR TSA AIRCRAFT OPERATORS STANDARD SECURITY PROGRAM (AOSSP) AND MUST DEPART A TSA OR EQUIVALENT SCREENED TERMINAL GATE. 2) THE TSA NCRCC MUST BE NOTIFIED BY TELEPHONE AT LEAST ONE HOUR PRIOR TO DEPARTURE AT 866-598-9520. 3) UNSCHEDULED OPERATIONS AT DCA REQUIRE A SLOT RESERVATION PER 14 CFR PART 93, SUBPART K. ADDITIONAL INFORMATION MAY BE OBTAINED IN ADVISORY CIRCULAR (AC) 93-1. C. ALL OTHER FLIGHTS MUST OBTAIN AN FAA/TSA WAIVER OR DCA ACCESS STANDARD SECURITY PROGRAM (DASSP) SECURITY AUTHORIZATION. ELIGIBLE OPERATIONS FOR A FAA/TSA WAIVER ARE LIMITED TO: U.S. GOVERNMENT OPERATIONS (GOV), ELECTED OFFICIALS (ELO), SPECIAL OPERATIONS (SPO), DOD, LAW ENFORCEMENT, AIR AMBULANCE FLIGHTS OR TSA AIRCRAFT OPERATORS STANDARD SECURITY PROGRAM (AOSSP). UNSCHEDULED OPERATIONS AT DCA REQUIRE A SLOT RESERVATION PER 14 CFR PART 93, SUBPART K. ADDITIONAL INFORMATION MAY BE OBTAINED IN ADVISORY CIRCULAR (AC) 93-1. D. DOD AND FEDERALLY OWNED AND OPERATED AIRCRAFT ON AN OPERATIONAL MISSION, WITH PRIOR FAA APPROVAL, MAY LAND AND DEPART DCA WITHOUT A WAIVER. APPROVAL FROM THE FAA NCRCC MUST BE OBTAINED AT LEAST ONE HOUR PRIOR TO DEPARTURE VIA TELEPHONE AT END PART 6 OF 10

FDC 0/8326 ZDC PART 7 OF 10 FLIGHT RESTRICTIONS, WASHINGTON, DC, EFFECTIVE 866-598- 9522. D. DOD AND FEDERALLY OWNED AND OPERATED AIRCRAFT ON A TRAINING OR FERRY FLIGHT MAY NOT LAND OR DEPART DCA UNLESS THE OPERATOR HAS APPLIED AND RECEIVED AN FAA/TSA

WAIVER. E. FOREIGN STATE OR DIPLOMATIC AIRCRAFT ARE NOT AUTHORIZED TO LAND OR DEPART AT DCA. 6. ADDITIONS TO OPERATING IN THE DC FRZ 14 CFR SECTION 93.341, OPERATIONS AT ANDREWS AFB (ADW) AND DAVISON ARMY AIRFIELD (DAA): A. DOD OWNED AND OPERATED AIRCRAFT MAY OPERATE AT ADW OR DAA WITHOUT AN FAA/TSA WAIVER AND ARE RESPONSIBLE FOR THE SECURITY OF THEIR AIRCRAFT, CREW AND PASSENGERS. B. FEDERALLY OWNED AND OPERATED AIRCRAFT MAY OPERATE AT ADW OR DAA WITHOUT AN FAA/TSA WAIVER. THESE APPROVED GOVERNMENT OPERATORS ARE RESPONSIBLE FOR THE SECURITY OF THEIR AIRCRAFT, CREW AND PASSENGERS AND ARE REQUIRED TO NOTIFY THE FAA NCRCC ONE HOUR PRIOR TO DEPARTURE AT 866-598-9522. C. DCA APPROVED CARRIERS, OPERATING UNSCHEDULED OR CHARTER FLIGHTS INTO ADW OR DAA, IN SUPPORT OF U.S. GOVERNMENT OPERATIONS MAY OPERATE WITHOUT A WAIVER UNDER THE FOLLOWING CONDITIONS: 1) ALL OPERATIONS MUST BE CONDUCTED IN ACCORDANCE WITH THEIR TSA AIRCRAFT OPERATORS STANDARD SECURITY PROGRAM (AOSSP), INCLUDING DEPARTING FROM A TSA OR EQUIVALENT SCREENED TERMINAL. 2) NOTIFICATION TO THE TSA NCRCC VIA TELEPHONE AT 866-598-9520 IS REQUIRED AT LEAST ONE HOUR PRIOR TO END PART 7 OF 10

FDC 0/8326 ZDC PART 8 OF 10 FLIGHT RESTRICTIONS, WASHINGTON, DC, EFFECTIVE DEPARTURE. D. AN FAA/TSA WAIVER IS REQUIRED FOR ALL STATE, LOCAL GOVERNMENT AIRCRAFT, DOD CONTRACT (INCLUDING CONTRACT AIRCRAFT USING MILITARY CALL SIGNS), ON DEMAND PASSENGER OR CARGO OPERATIONS INCLUDING ALL PART 121, 125, 129, 135 FLIGHTS LANDING AND DEPARTING ADW OR DAA NOT LISTED AS A DCA APPROVED CARRIER. NOTIFICATION TO THE TSA NCRCC VIA TELEPHONE AT 866- 598-9520 IS REQUIRED AT LEAST ONE HOUR BEFORE DEPARTURE. E. 14 CFR SECTION 93.341 (C)(4) STATES THAT PRIOR PERMISSION MAY BE REQUIRED TO LAND OR DEPART ANDREWS AIR FORCE BASE, MD (ADW) OR DAVISON ARMY AIRFIELD (DAA). A PRIOR PERMISSION REQUIRED (PPR) APPROVAL DOES NOT AUTHORIZE ENTRY INTO THE FRZ OR SUPERSEDE THE REQUIREMENTS OF THIS NOTAM. F. FOREIGN OPERATED MILITARY OR FOREIGN STATE AIRCRAFT OPERATIONS WITH A U.S. STATE DEPARTMENT DIPLOMATIC CLEARANCE, AND A PPR, MAY LAND AND DEPART ONLY AT ADW WITHIN THE DC FRZ. DAA IS NOT AUTHORIZED FOR ARRIVAL OR DEPARTURE OF FOREIGN DIPLOMATIC FLIGHTS. 7. IN SUBPART V, 14 CFR SECTION 93.343 (A)(2) A DC SFRA FLIGHT PLAN WILL NOT FULFILL THE REQUIREMENTS OF A DC FRZ FLIGHT PLAN. 8. RESOURCES: A. THE CODE OF FEDERAL REGULATIONS CAN BE FOUND ON THE GOVERNMENT PRINTING OFFICE WEBSITE AT A. [HTTP://WWW.GPOACCESS.GOV/CFR/INDEX.HTML](http://www.gpoaccess.gov/cfr/index.html). B. DIRECT ANY PILOT PROCEDURAL QUESTIONS ON THE DC SFRA OR FRZ TO FAA SYSTEM OPERATIONS END PART 8 OF 10

FDC 0/8326 ZDC PART 9 OF 10 FLIGHT RESTRICTIONS, WASHINGTON, DC, EFFECTIVE SECURITY AT 9-AWA-ATS-NCRCC@FAA.GOV. C. FOR THOSE WAIVERS AND SECTIONS THAT REQUIRE NOTIFICATION TO THE TSA NCRCC CALL 866-598-9520. D. FOR THOSE SECTIONS THAT REQUIRE NOTIFICATION TO THE FAA NCRCC CALL 866-598-9522. E. THE LATEST POTOMAC TRACON LETTER TO AIRMEN CAN BE FOUND AT: [HTTP://WWW.FAA.GOV/ABOUT/OFFICE_ORG/HEADQUARTERS_OFFICES/ATO/TRACON/PCT/](http://www.faa.gov/about/office_org/headquarters_offices/ato/tracon/pct/) F. INFORMATION ABOUT WAIVER APPLICATIONS AND TSA SECURITY AUTHORIZATIONS CAN BE FOUND AT [HTTP://WWW.TSA.GOV/WHAT_WE_DO/TSNM/GENERAL_AVIATION/AIRSPACE_WAIVERS.SHTM](http://www.tsa.gov/what_we_do/tsnm/general_aviation/airspace_waivers.shtm) (CASE SENSITIVE USE LOWER CASE ONLY) OR BY CONTACTING TSA AT (571) 227-2071. INDIVIDUALS MAY SUBMIT A REQUEST FOR A FAA WAIVER AT [HTTPS://WAIVER.C3.FAA.GOV](https://waiver.c3.faa.gov). G. AFTER NORMAL BUSINESS HOURS, FOR END PART 9 OF 10

FDC 0/8326 ZDC PART 10 OF 10 FLIGHT RESTRICTIONS, WASHINGTON, DC, EFFECTIVE EMERGENCY OR SHORT NOTICE REQUESTS, CONTACT TSA NCRCC AT 866-598-9520. H. FOR OPERATIONS IN THE DC FRZ PILOTS WITH A WAIVER OR CONFIDENTIAL PILOT IDENTIFICATION CODE, MUST CALL FLIGHT SERVICE AT 866-225-7410 TO FILE A DC FRZ FLIGHT PLAN. I. INFORMATION ON U.S. DIPLOMATIC CLEARANCE AND LANDING AUTHORIZATION PROCEDURES CAN BE FOUND AT [HTTP://USEG.ORG/USEG.HTML](http://useg.org/useg.html). 9. IT IS STRONGLY RECOMMENDED THAT ALL PILOTS FLYING UNDER VISUAL FLIGHT RULES (VFR) WITHIN 100 NM OF THE DCA VOR/DME COMPLETE SPECIAL AWARENESS TRAINING FOR THE WASHINGTON DC METROPOLITAN AREA, THIS TRAINING IS MANDATORY FOR ALL PILOTS THAT FLY UNDER VFR WITHIN 60 NM OF THE DCA VOR/DME (14 CFR PARTS 61 AND 91, EFFECTIVE FEBRUARY 9, 2009). THIS TRAINING IS AVAILABLE IN THE AVIATION LEARNING CENTER AT [HTTP://WWW.FAASAFETY.GOV](http://www.faasafety.gov). END PART 10 OF 10

FDC 8/2435 FDC ... SPECIAL NOTICE ... PILOTS ARE REMINDED THAT THERE ARE INCREASED SECURITY MEASURES IN PLACE FOR AIRCRAFT ENTERING DOMESTIC AIRSPACE, INCLUDING THOSE ENTERING FLORIDA COASTAL WATERS. ALL PILOTS OF VFR AIRCRAFT ARE REQUIRED TO FILE A DEFENSE VISUAL FLIGHT RULES (DVFR) FLIGHT PLAN PRIOR TO ENTRY INTO THE AIR

DEFENSE IDENTIFICATION ZONE(ADIZ)IN ACCORDANCE WITH CFR 99 TITLE 14 CHAPTER 1 PART 99 SECURITY CONTROL OF AIR TRAFFIC, SECTIONS 99.1 THROUGH 99.49. THE PILOT MUST ACTIVATE THE DVFR FLIGHT PLAN WITH U.S. FLIGHT SERVICE AND SET THE AIRCRAFT TRANSPONDER TO THE ASSIGNED DISCRETE BEACON CODE PRIOR TO ENTERING THE ADIZ. FAILURE TO COMPLY WITH ALL DVFR PROCEDURES MAY RESULT IN THE AIRCRAFT BEING INTERCEPTED BY DEPARTMENT OF DEFENSE AIRCRAFT.

FDC 7/2992 FDC ...SPECIAL NOTICE... THE IRANIAN GOVERNMENT HAS ISSUED NOTAMS SPECIFIC TO RESTRICTED AREAS TO INCREASE THE RADIUS OF THE RESTRICTED AIRSPACE, CLOSE AIR CORRIDORS AND OPEN TEMPORARY AIR CORRIDORS TO MOVE CIVIL AIR TRAFFIC AWAY FROM THESE AREAS. DESPITE THESE SAFETY PRECAUTIONS, IRANIAN MILITARY ELEMENTS HAVE BEEN KNOWN TO FIRE AT CIVIL AIRCRAFT OPERATING NEAR OR ADJACENT TO RESTRICTED AREAS. AIRMEN ARE REMINDED TO REMAIN CURRENT ON ALL NOTAMS BEFORE OPERATING AN AIRCRAFT OVER IRAN, PARTICULARLY THOSE PERTAINING TO RESTRICTED AIRSPACE REQUIREMENTS.

FDC 4/0811 FDC ...SPECIAL NOTICE... THIS IS A RESTATEMENT OF A PREVIOUSLY ISSUED ADVISORY NOTICE. IN THE INTEREST OF NATIONAL SECURITY AND TO THE EXTENT PRACTICABLE, PILOTS ARE STRONGLY ADVISED TO AVOID THE AIRSPACE ABOVE, OR IN PROXIMITY TO SUCH SITES AS POWER PLANTS (NUCLEAR, HYDRO-ELECTRIC, OR COAL), DAMS, REFINERIES, INDUSTRIAL COMPLEXES, MILITARY FACILITIES AND OTHER SIMILAR FACILITIES. PILOTS SHOULD NOT CIRCLE AS TO LOITER IN THE VICINITY OVER THESE TYPES OF FACILITIES.

FDC 4/4386 FDC SPECIAL NOTICE... NATIONAL AIRSPACE SYSTEM INTERCEPT PROCEDURES. AVIATORS SHALL REVIEW THE FEDERAL AVIATION ADMINISTRATION AERONAUTICAL INFORMATION MANUAL (AIM) FOR INTERCEPTION PROCEDURES, CHAPTER 5, SECTION 6, PARAGRAPH 5-6-2. ALL AIRCRAFT OPERATING IN UNITED STATES NATIONAL AIRSPACE, IF CAPABLE, SHALL MAINTAIN A LISTENING WATCH ON VHF GUARD 121.5 OR UHF 243.0. IF AN AIRCRAFT IS INTERCEPTED BY U.S. MILITARY AIRCRAFT AND FLARES ARE DISPENSED, THE FOLLOWING PROCEDURES ARE TO BE FOLLOWED: FOLLOW THE INTERCEPT'S VISUAL SIGNALS, CONTACT AIR TRAFFIC CONTROL IMMEDIATELY ON THE LOCAL FREQUENCY OR ON VHF GUARD 121.5 OR UHF GUARD 243.0, AND COMPLY WITH THE INSTRUCTIONS GIVEN BY THE INTERCEPTING AIRCRAFT INCLUDING VISUAL SIGNALS IF UNABLE RADIO CONTACT. BE ADVISED THAT NONCOMPLIANCE MAY RESULT IN THE USE OF FORCE.

FDC 3/0778 ZZZ KENYA ADVISORY. ATTENTION U.S. OPERATORS: RECENT, CREDIBLE INFORMATION INDICATES A POTENTIAL NEAR-TERM TERRORIST ATTACK AGAINST U.S. AND WESTERN INTERESTS IN KENYA. WHILE SPECIFIC DETAILS ARE NOT AVAILABLE, ONE POSSIBLE TACTIC WOULD BE AN ATTACK USING MAN-PORTABLE AIR DEFENSE SYSTEMS (MANPADS), SUCH AS THOSE USED AGAINST AN ISRAELI AIR CARRIER DEPARTING FROM MOMBASA, KENYA ON NOVEMBER 28, 2002. THE DEPARTMENT OF STATE HAS ISSUED A TRAVEL WARNING REGARDING A POTENTIAL MANPADS THREAT.

Part 2.

REVISIONS TO MINIMUM ENROUTE

IFR ALTITUDES & CHANGEOVER POINTS



**REVISIONS TO IFR ALTITUDES & CHANGEOVER POINT
AMENDMENT 523
EFFECTIVE DATE December 10, 2015**

§95.6001 VICTOR ROUTES-U.S

§95.6014 VOR FEDERAL AIRWAY V14

FROM	TO	MEA
IS AMENDED TO READ IN PART		
ERIE, PA VORTAC #ERIE R-064 UNUSABLE, USE DUNKIRK R-245	DUNKIRK, NY VORTAC	#3400

§95.6043 VOR FEDERAL AIRWAY V43

FROM	TO	MEA
IS AMENDED TO READ IN PART		
ERIE, PA VORTAC #UNUSABLE	U.S. CANADIAN BORDER	#

§95.6522 VOR FEDERAL AIRWAY V522

FROM	TO	MEA
IS AMENDED TO READ IN PART		
FAILS, OH FIX #UNUSABLE	ERIE, PA VORTAC	#
ERIE, PA VORTAC #ERIE R-064 UNUSABLE, USE DUNKIRK R-245	DUNKIRK, NY VORTAC	#3400

§95.7001 JET ROUTES

§95.7513 JET ROUTE J513

FROM	TO	MEA	MAA
IS AMENDED TO DELETE			
U.S. CANADIAN BORDER #FOR THAT AIRSPACE OVER U.S. TERRITORY.	U.S. CANADIAN BORDER	#18000	45000
U.S. CANADIAN BORDER #FOR THAT AIRSPACE OVER U.S. TERRITORY.	SUDBURY, CA VOR/DME	#24000	45000

§95.8003 VOR FEDERAL AIRWAY CHANGEOVER POINT

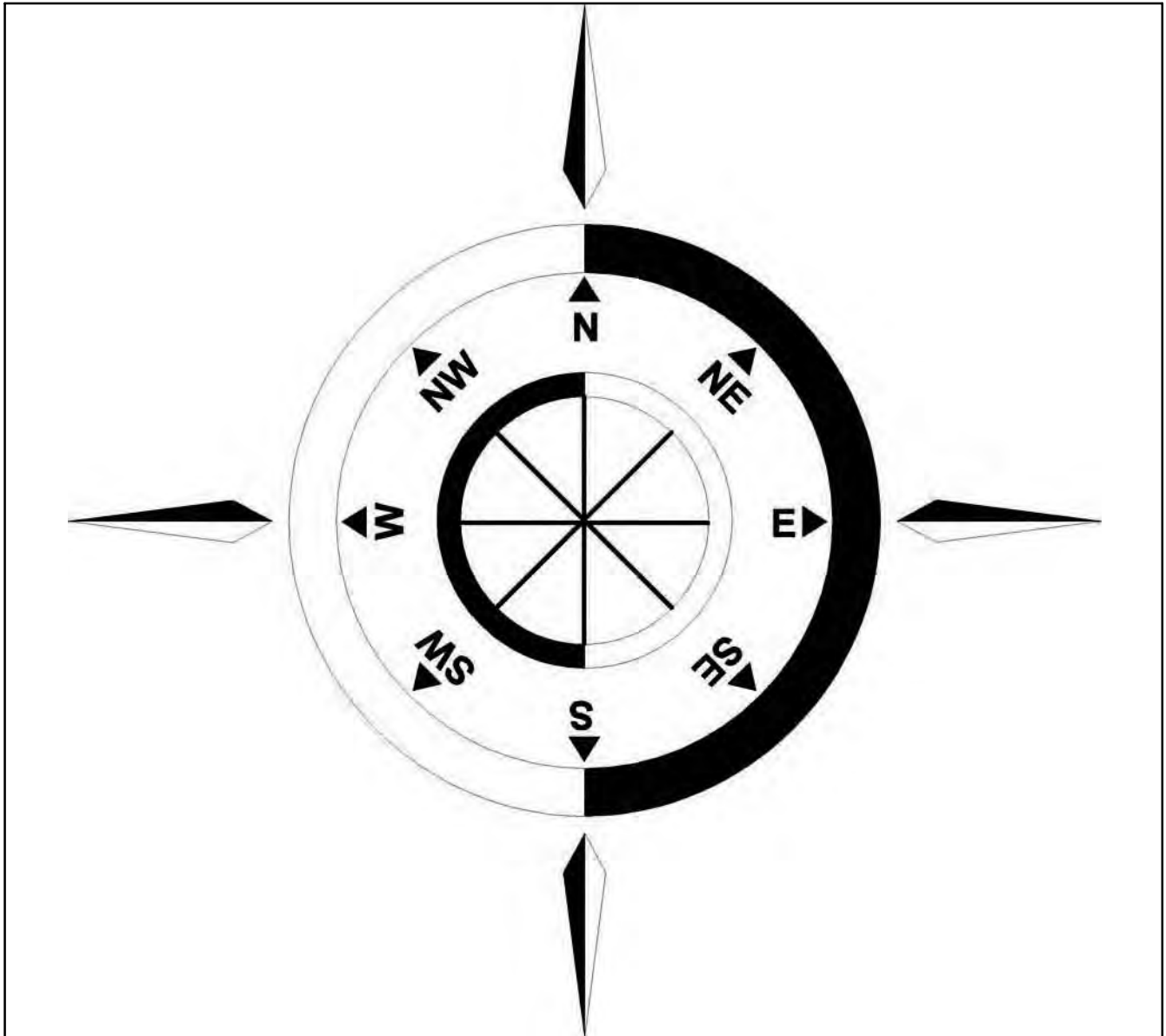
AIRWAY SEGMENT

CHANGEOVER POINTS

FROM	TO	DISTANCE	FROM
V298			
IS AMENDED TO ADD CHANGEOVER POINT			
SEATTLE, WA VORTAC	ELLENSBURG, WA VORTAC	47	SEATTLE

Part 3

INTERNATIONAL NOTICES TO AIRMEN



GENERAL

This section features significant international notices to airmen (NOTAM) information and special notices. These may affect a pilot’s decision to enter or use areas of foreign or international airspace. This publication complements and expands data carried in the International Flight Information Manual (IFIM) which is available at http://www.faa.gov/air_traffic/publications/ifim/ on the internet.

Pilots should review the foreign airspace and entry restrictions published in the IFIM during the flight planning process. Foreign airspace penetration without official authorization can involve extreme danger to the aircraft and the imposition of severe penalties and inconvenience on both passengers and crew. A flight plan on file with ATC authorities does not necessarily constitute the prior permission required by certain authorities. The possibility of fatal consequences cannot be ignored in some areas of the world.

The information contained in the International Notices to Airmen section is derived from international notices and other official sources. International notices are of two types: Class One International Notices are those NOTAMs issued via telecommunications. They are made available to the U.S. flying public by the International NOTAM Office (Washington, DC) through the local Flight Service Station (FSS). Class Two International Notices are NOTAMs issued via postal services and are not readily available to the U.S. flying public. The International Notices to Airmen draws from both these sources and also includes information about temporary hazardous conditions which are not otherwise readily available to the flyer. Before any international flight, always update the International Notices to Airmen with a review of Class One International Notices available at your closest FSS.

Foreign notices carried in this publication are carried as issued to the maximum extent possible. Most abbreviations used in this publication are listed in ICAO Document DOC 8400. Wherever possible, the source of the information is included at the end of an entry. This allows the user to confirm the currency of the information with the originator. (See the IFIM for foreign NOTAM areas of responsibility and for a listing of foreign NOTAM offices which exchange information with the U.S. International NOTAM Office.)

International Information Source Code Table

<i>Code</i>	<i>Information Source</i>
I or II (followed by the NOTAM number)	Class One or Class Two NOTAMs
AIP	Aeronautical Information Publication (followed by the AIP change number)
AIC	Aeronautical Information Circular (followed by the AIC number)
DOS	Department of State advisories
FAA	Federal Aviation Administration.

The International Notices to Airmen section gives world wide coverage in each issue. Coverage for the U.S. and its external territories is limited and normally will not include data available on the domestic NOTAM circuit or published in other official sources available to the user.

Each issue of this section is complete in itself. Temporary data will be repeated in each issue until the condition ceases to exist. Permanent data will be carried until it is sufficiently published or is available in other permanent sources. New items will be indicated by a black bar running in the left or right margin.

This section includes data issued by foreign governments. The publication of this data in no way constitutes legal recognition of the validity of the data. This publication does not presume to tabulate all NOTAM data, although every effort is made to publish all pertinent data. The Federal Aviation Administration does not assume liability for failure to publish, or the accuracy of, any particular item.

INTERNATIONAL NOTICES TO AIRMEN

SECTION 1

Flight Prohibitions, Potentially Hostile Situations, and Foreign Notices

Introduction: This part contains FAA-issued flight prohibitions for countries and territories outside the United States, advisory notices on potentially hostile situations abroad, and notices issued by foreign governments and civil aviation authorities.

For more information on flight prohibitions and potentially hostile situations, please check the International Flight Information Manual, U.S. Prohibitions, Restrictions and Notices, available on the FAA Web site at http://www.faa.gov/air_traffic/publications/ifim/us_restrictions

All operators also should check the latest U.S. Department of State Travel Warnings and Public Announcements at <http://travel.state.gov>, and can obtain additional information by contacting the appropriate foreign government authorities.

BAHAMAS, THE

Communication Procedures for Aircraft Operations Within the Nassau and Grand Bahama Terminal Control Areas (TMAS')

Effective immediately, all aircraft operating or about to operate (IFR, VFR, including military unless specifically exempted, etc.) within the Nassau and Grand Bahama TMAS' and within a 50 nautical mile radius of Nassau and Freeport Int'l airports SHALL report, as a minimum, to the respective Approach Control Unit as follows:

- a. Their identification.
- b. Aircraft type.
- c. Position.
- d. Direction of flight.
- e. Cruising level.

These reports shall enable the respective approach control unit to provide a more effective advisory service to possible conflicting flights, controlled and uncontrolled within the TMAS'.

Pilots shall contact the appropriate approach control unit as follows:

- a. "Nassau Approach" on frequency 121.0 MHz.
- b. "Freeport Approach" on frequency 126.5 MHz.

(Bahamas AIC 2/20/2010)

COMMONWEALTH OF INDEPENDENT STATES (CIS)

Special Notice: Provideniya Bay Airport, CIS.

In accordance with Federal Aviation Administration (FAA) Order 8260.31B, The Alaska Region is modifying the arrival and departure minimums for Provideniya Bay Airport, CIS.

Provideniya Bay PAR+2 NDB RWY 01 Visual RWY 19:

Approach visibility minimums are 9 km (9000 meters) IFR or VFR.

Departure minimums IFR or VFR:

RWY 01 ceiling 750 meters, visibility 5 km (5000 meters)

RWY 19 ceiling 300 meters, visibility 1.5 km (1500 meters)

NOTE-

NDB minimums apply when using PAR (VIS 9 KM/9000 METERS).

(FAA/AAL-200 2/22/2010)

CHINA**Federal Aviation Administration (FAA) Flight Routing Authorization Requirements in United States Territorial Airspace**

All aircraft with China registrations beginning with B; aircraft using the ICAO designator of a China company; or aircraft used for China diplomatic flights require FAA routing authorization for flights in United States Territorial Airspace, unless the aircraft is registered in Hong Kong, Macau, or Taiwan, or the aircraft is operated by a company with FAA Part 129 operations specifications.

Only IFR flights are eligible for FAA routing authorization. See current FAA KFDC NOTAMS for other requirements and information regarding Aircraft that Operate To or From or Within or Transit Territorial Airspace of the United States (US).

FAA routing authorization is in addition to any US State Department (DOS) diplomatic clearance or US Transportation Security Administration (TSA) waiver. To obtain FAA routing authorization, contact the FAA System Operations Support Center at 9-ATOR-HQ-RT-REQ@faa.gov or FAX 202-267-5289 (Attention FAA SOSOC), or call 202-267-8115.

Provide the following information:

1. Name and address of company or individual. Include a phone number (in case there are questions concerning your request) and a return E-Mail address. Aircraft Information: Callsign (including ICAO designator if assigned)/type/registration number.
2. General Route Itinerary: Date range. City (ICAO Location Identifier)- City (ICAO Location Identifier)- City (ICAO Location Identifier), etc.
3. Specific route information for each leg of the flight: Callsign, departure point, date/time (UTC), route, destination, date/time (UTC).
4. Purpose: Cargo, Passenger, Diplomatic, etc. for each leg of flight.

(FAA/AJR-2 System Operations Security 6/27/2013)

**CONGO, DEMOCRATIC REPUBLIC OF
FDC 8/7569**

The Democratic Republic of the Congo (DROC) (Formerly Zaire) Advisory - Potential Hostile Situation. Attention U.S. Operators: The DROC has been involved in a civil war since 1996. In September 2009, the Department of State continued to warn U.S. citizens of the risks of traveling to the Democratic Republic of the Congo (Congo-Kinshasa). This reflects the continued instability in North Kivu province and the surrounding area, as well as a critical crime threat in Kinshasa.

Aircraft operating below 15,000 feet AGL in the DROC may come within weapons range as the fighting continues. Last known reported incident was in Eastern Zaire, a civilian B-727 was shot down by a man-portable missile in 1998. This demonstrated that the rebel forces in the DROC can and will shoot down civil aircraft they believe to be carrying government soldiers or weaponry. Operators considering flights within the DROC should familiarize themselves with the current situation.

FAA/AJR-2 System Operations Security 3/9/2010)

CUBA

Federal Aviation Administration (FAA) Flight Routing Authorization Requirements in United States Territorial Airspace

All aircraft with Cuba registration beginning with CU; aircraft using the ICAO designator of a Cuba company; or aircraft used for Cuba diplomatic flights require FAA routing authorization for flights in United States Territorial Airspace.

Only IFR flights are eligible for FAA routing authorization. See current FAA KFDC NOTAMS for other requirements and information regarding Aircraft that Operate To or From or Within or Transit Territorial Airspace of the United States (US).

FAA routing authorization is in addition to any US State Department (DOS) diplomatic clearance or US Transportation Security Administration (TSA) waiver. To obtain FAA routing authorization, contact the FAA System Operations Support Center at 9-ATOR-HQ-RT-REQ@faa.gov or FAX 202-267-5289 (Attention FAA SOSOC), or call 202-267-8115.

Provide the following information:

1. Name and address of company or individual. Include a phone number (in case there are questions concerning your request) and a return E-Mail address. Aircraft Information: Callsign (including ICAO designator if assigned)/type/registration number.
2. General Route Itinerary: Date range. City (ICAO Location Identifier)- City (ICAO Location Identifier)- City (ICAO Location Identifier), etc.
3. Specific route information for each leg of the flight: Callsign, departure point, date/time (UTC), route, destination, date/time (UTC).
4. Purpose: Cargo, Passenger, Diplomatic, etc. for each leg of flight.

(FAA/AJR-2 System Operations Security 6/27/2013)

EUROPE

EUROCONTROL Integrated Initial Flight Plan Processing System (IFPS).

All aircraft flying into, departing from, or transiting Europe within the General Air Traffic (GAT) Civil system must file an International Civil Aviation Organization (ICAO) flight plan with the Integrated Initial Flight Plan Processing System (IFPS) managed by the EUROCONTROL Central Flow Management Unit (CFMU). This system is the sole source for the distribution of the IFR/GAT portions of flight plan information to Air Traffic Control (ATC) within participating European Countries collectively known as the IFPS Zone (IFPZ). Flight plans and associated messages for all IFR flights, including the IFR portions of mixed IFR/VFR flights, entering, over flying or departing the IFPZ, shall be addressed only to the two IFPS addresses for that portion of the flight within the IFPZ. The IFPS addresses to be included in flight plans and associated messages submitted by operators that intend to fly into or through the IFPZ are as follows:

Network	IFPS Unit Addresses	
IFPU1		
Haren, Belgium	AFTN	EUCHZMFP
SITA BRUEP7X		
IFPU2		
Brétigny, France	AFTN	EUCBZMFP
SITA PAREP7X		

IFPS will ensure distribution of the accepted flight plan to all relevant ATS units within their area of responsibility. Flight plan message originators filing to IFPS are responsible for ensuring that the flight plan and any modifications made thereto are addressed to all the relevant ATS units outside the IFPZ. In order to ensure consistency between the flight plan data distributed within the IFPZ and that distributed outside the IFPZ, the EUROCONTROL CFMU has established a “re-addressing function”. The “re-addressing function” is intended primarily for flights originating within the IFPZ and proceeding outside the IFPZ.

Note.— Detailed procedures and information applicable to flight plan addressing and distribution are contained in the EUROCONTROL “Basic CFMU Handbook”.

Additional information may be obtained from Aeronautical Information Publications (AIP) and/or Aeronautical Information Circulars (AIC) issued by individual countries, through commercial flight planners, or by contacting EUROCONTROL, rue de la Fusee, 96, B-1130, Brussels, Belgium. Telephone: 32-2- 745-1950, FAX: 32-2- 729-9041 and on the EUROCONTROL Web site: www.eurocontrol.int.

NOTE—IFPS Zone Countries – Albania, Armenia, Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Lithuania, Luxembourg, Former Yugoslav Republic of Macedonia, Malta, Monaco, Morocco, Netherlands, Norway, Poland, Portugal, Republic of Moldova, Romania, Slovak Republic, Slovenia, Spain, Sweden, Switzerland, Turkey, Ukraine, United Kingdom, Serbia and Montenegro.

(AEU-500 6/7/2010)

IRAN (ISLAMIC REPUBLIC OF)

Federal Aviation Administration (FAA) Flight Routing Authorization Requirements in United States Territorial Airspace

All aircraft with Iran registrations beginning with EP; aircraft using the ICAO designator of an Iran company; or aircraft used for Iran diplomatic flights require FAA routing authorization for flights in United States Territorial Airspace.

Only IFR flights are eligible for FAA routing authorization. See current FAA KFDC NOTAMS for other requirements and information regarding Aircraft that Operate To or From or Within or Transit Territorial Airspace of the United States (US).

FAA routing authorization is in addition to any US State Department (DOS) diplomatic clearance or US Transportation Security Administration (TSA) waiver. To obtain FAA routing authorization, contact the FAA System Operations Support Center at 9-ATOR-HQ-RT-REQ@faa.gov or FAX 202-267-5289 (Attention FAA SOSOC), or call 202-267-8115.

Provide the following information:

1. Name and address of company or individual. Include a phone number (in case there are questions concerning your request) and a return E-Mail address. Aircraft Information: Callsign (including ICAO designator if assigned)/type/registration number.
2. General Route Itinerary: Date range. City (ICAO Location Identifier)- City (ICAO Location Identifier)- City (ICAO Location Identifier), etc.
3. Specific route information for each leg of the flight: Callsign, departure point, date/time (UTC), route, destination, date/time (UTC).
4. Purpose: Cargo, Passenger, Diplomatic, etc. for each leg of flight.

(FAA/AJR-2 System Operations Security 6/27/2013)

IRAQ**Special Federal Aviation Regulation No. 77 – Prohibition Against Certain Flights Within the Territory and Airspace of Iraq.**

- 1. Applicability.** This rule applies to the following persons:
 - (a) All U.S. air carriers or commercial operators;
 - (b) All persons exercising the privileges of an airman certificate issued by the FAA except such persons operating U.S.–registered aircraft for a foreign air carrier; or
 - (c) All operators of aircraft registered in the United States except where the operator of such aircraft is a foreign air carrier.
- 2. Flight prohibition.** No person may conduct flight operations over or within the territory of Iraq except as provided in paragraphs 3 and 4 of this SFAR or except as follows:
 - (a) Overflights of Iraq may be conducted above flight level (FL) 200 subject to the approval of, and in accordance with the conditions established by, the appropriate authorities of Iraq.
 - (b) Flights departing from countries adjacent to Iraq whose climb performance will not permit operation above FL 200 prior to entering Iraqi airspace may operate at altitudes below FL 200 within Iraq to the extent necessary to permit a climb above FL 200, subject to the approval of, and in accordance with the conditions established by, the appropriate authorities of Iraq.
 - (c) [Reserved]
- 3. Permitted operations.** This SFAR does not prohibit persons described in paragraph 1 from conducting flight operations within the territory and airspace of Iraq where such operations are authorized either by another agency of the United States Government with the approval of the FAA or by an exemption issued by the Administrator.
- 4. Emergency situations.** In an emergency that requires immediate decision and action for the safety of the flight, the pilot in command of an aircraft may deviate from this SFAR to the extent required by that emergency. Except for U.S. air carriers or commercial operators that are subject to the requirements of 14 CFR parts 119, 121, or 135, each person who deviates from this rule shall, within ten (10) days of the deviation, excluding Saturdays, Sundays, and Federal holidays, submit to the nearest FAA Flight Standards District Office a complete report of the operations of the aircraft involved in the deviation, including a description of the deviation and the reasons therefore.
- 5. Expiration.** This Special Federal Aviation Regulation will remain in effect until further notice.

(FAA/AIA-100 11/19/03)

**KOREA (NORTH), DEMOCRATIC REPUBLIC OF
FDC 8/1167****Special Federal Aviation Regulation (SFAR) No. 79 – Prohibition Against Certain Flights Within the Flight Information Region of the Democratic People’s Republic of Korea.**

- a. Applicability.** This rule applies to the following persons:
 1. All U.S. air carriers or commercial operators.
 2. All persons exercising the privileges of an airman certificate issued by the FAA, except such persons operating U.S.–registered aircraft for a foreign air carrier.
 3. All operators of aircraft registered in the United States except where the operator of such aircraft is a foreign air carrier.
- b. Flight prohibition.** Except as provided in paragraphs c and d of this SFAR, no person described in paragraph a may conduct flight through the Pyongyang FIR west of 132 degrees east longitude.

c. Permitted operations. This SFAR does not prohibit persons described in paragraph a from conducting flight operations within the Pyongyang FIR west of 132 degrees east longitude where such operations are authorized either by exemption issued by the Administrator or by another agency of the United States Government with FAA approval.

d. Emergency situations. In an emergency that requires immediate decision and action for the safety of the flight, the pilot in command of an aircraft may deviate from this SFAR to the extent required by that emergency. Except for U.S. air carriers and commercial operators that are subject to the requirements of 14 CFR parts 121, 125, or 135, each person who deviates from this rule shall, within ten (10) days of the deviation, excluding Saturdays, Sundays, and Federal holidays, submit to the nearest FAA Flight Standards District Office a complete report of the operations of the aircraft involved in the deviation, including a description of the deviation and the reasons therefore.

e. Expiration. This Special Federal Aviation Regulation No. 79 will remain in effect until further notice.

(FAA/AJR-2 System Operations Security 6/8/2010)

KOREA (NORTH), DEMOCRATIC REPUBLIC OF FDC 9/8281

The North Korean government stated on March 5, 2009 that it cannot guarantee the security of South Korean civil aircraft operating in the territory and airspace of North Korea or in airspace above the East Sea of Korea (Sea of Japan).

The exact nature of the potential danger, the extent to which it may pose a hazard to non-South Korean civil aircraft operations, and the exact area within which a potential hazard may exist are not clear.

All operators operating in the aforementioned area are urged to exercise caution. Additionally, U.S. operators are reminded of the provisions of Special Federal Aviation Regulation 79.

(FAA/AJR-2 System Operations Security 6/8/2010)

DEMOCRATIC PEOPLE'S REPUBLIC OF NORTH KOREA (DRPK)

Federal Aviation Administration (FAA) Flight Routing Authorization Requirements in United States Territorial Airspace

All aircraft with DPRK registrations beginning with P; aircraft using the ICAO designator of a DPRK company; or aircraft used for DPRK diplomatic flights require FAA routing authorization for flights in United States Territorial Airspace.

Only IFR flights are eligible for FAA routing authorization. See current FAA KFDC NOTAMS for other requirements and information regarding Aircraft that Operate To or From or Within or Transit Territorial Airspace of the United States (US).

FAA routing authorization is in addition to any US State Department (DOS) diplomatic clearance or US Transportation Security Administration (TSA) waiver. To obtain FAA routing authorization, contact the FAA System Operations Support Center at 9-ATOR-HQ-RT-REQ@faa.gov or FAX 202-267-5289 (Attention FAA SOSC), or call 202-267-8115.

Provide the following information:

1. Name and address of company or individual. Include a phone number (in case there are questions concerning your request) and a return E-Mail address. Aircraft Information: Callsign (including ICAO designator if assigned)/type/registration number.

2. General Route Itinerary: Date range. City (ICAO Location Identifier)- City (ICAO Location Identifier)- City (ICAO Location Identifier), etc.

3. Specific route information for each leg of the flight: Callsign, departure point, date/time (UTC), route, destination, date/time (UTC).

4. Purpose: Cargo, Passenger, Diplomatic, etc. for each leg of flight.

(FAA/AJR-2 System Operations Security 6/27/2013)

RUSSIA FEDERATION

Federal Aviation Administration (FAA) Flight Routing Authorization Requirements in United States Territorial Airspace

All aircraft with Russian Federation registrations beginning with RA; aircraft using the ICAO designator of a Russian Federation company; or aircraft used for Russian Federation diplomatic flights require FAA routing authorization for flights in United States Territorial Airspace, unless the aircraft is operated by a company with FAA Part 129 operations specifications.

Only IFR flights are eligible for FAA routing authorization. See current FAA KFDC NOTAMS for other requirements and information regarding Aircraft that Operate To or From or Within or Transit Territorial Airspace of the United States (US).

FAA routing authorization is in addition to any US State Department (DOS) diplomatic clearance or US Transportation Security Administration (TSA) waiver. To obtain FAA routing authorization, contact the FAA System Operations Support Center at 9-ATOR-HQ-RT-REQ@faa.gov or FAX 202-267-5289 (Attention FAA SOSOC), or call 202-267-8115.

Provide the following information:

1. Name and address of company or individual. Include a phone number (in case there are questions concerning your request) and a return E-Mail address. Aircraft Information: Callsign (including ICAO designator if assigned)/type/registration number.

2. General Route Itinerary: Date range. City (ICAO Location Identifier)- City (ICAO Location Identifier)- City (ICAO Location Identifier), etc.

3. Specific route information for each leg of the flight: Callsign, departure point, date/time (UTC), route, destination, date/time (UTC).

4. Purpose: Cargo, Passenger, Diplomatic, etc. for each leg of flight.

(FAA/AJR-2 System Operations Security 6/27/2013)

SUDAN

Federal Aviation Administration (FAA) Flight Routing Authorization Requirements in United States Territorial Airspace

All aircraft with Sudan registrations beginning with ST; aircraft using the ICAO designator of a Sudan company; or aircraft used for Sudan diplomatic flights require FAA routing authorization for flights in United States Territorial Airspace.

Only IFR flights are eligible for FAA routing authorization. See current FAA KFDC NOTAMS for other requirements and information regarding Aircraft that Operate To or From or Within or Transit Territorial Airspace of the United States (US).

FAA routing authorization is in addition to any US State Department (DOS) diplomatic clearance or US Transportation Security Administration (TSA) waiver. To obtain FAA routing authorization, contact the

FAA System Operations Support Center at 9-ATOR-HQ-RT-REQ@faa.gov or FAX 202-267-5289 (Attention FAA SOSOC), or call 202-267-8115.

Provide the following information:

1. Name and address of company or individual. Include a phone number (in case there are questions concerning your request) and a return E-Mail address. Aircraft Information: Callsign (including ICAO designator if assigned)/type/registration number.
2. General Route Itinerary: Date range. City (ICAO Location Identifier)- City (ICAO Location Identifier)- City (ICAO Location Identifier), etc.
3. Specific route information for each leg of the flight: Callsign, departure point, date/time (UTC), route, destination, date/time (UTC).
4. Purpose: Cargo, Passenger, Diplomatic, etc. for each leg of flight.

(FAA/AJR-2 System Operations Security 6/27/2013)

SYRIAN ARAB REPUBLIC

Federal Aviation Administration (FAA) Flight Routing Authorization Requirements in United States Territorial Airspace

All aircraft with Syrian Arab Republic registrations beginning with YK; aircraft using the ICAO designator of a Syrian Arab Republic company; or aircraft used for Syrian Arab Republic diplomatic flights require FAA routing authorization for flights in United States Territorial Airspace.

Only IFR flights are eligible for FAA routing authorization. See current FAA KFDC NOTAMS for other requirements and information regarding Aircraft that Operate To or From or Within or Transit Territorial Airspace of the United States (US).

FAA routing authorization is in addition to any US State Department (DOS) diplomatic clearance or US Transportation Security Administration (TSA) waiver. To obtain FAA routing authorization, contact the FAA System Operations Support Center at 9-ATOR-HQ-RT-REQ@faa.gov or FAX 202-267-5289 (Attention FAA SOSOC), or call 202-267-8115.

Provide the following information:

1. Name and address of company or individual. Include a phone number (in case there are questions concerning your request) and a return E-Mail address. Aircraft Information: Callsign (including ICAO designator if assigned)/type/registration number.
2. General Route Itinerary: Date range. City (ICAO Location Identifier)- City (ICAO Location Identifier)- City (ICAO Location Identifier), etc.
3. Specific route information for each leg of the flight: Callsign, departure point, date/time (UTC), route, destination, date/time (UTC).
4. Purpose: Cargo, Passenger, Diplomatic, etc. for each leg of flight.

(FAA/AJR-2 System Operations Security 6/27/2013)

SECTION 2

INTERNATIONAL OCEANIC AIRSPACE NOTICES

INTRODUCTION

The following information contains the most current notices involving airspace matters pertaining to U.S. internationally delegated airspace. The information provided is divided into two sections: General and Region Specific.

Failure To Comply With ATC Clearances In Oceanic Airspace

The FAA has identified a number of events that have occurred in recent months in oceanic operations. During these events pilots either did not comply with an ATC clearance or did not adhere to Weather Deviation Procedures published in ICAO Document 4444 (Procedures For Air Navigation Services, Air Traffic Management). The following are examples of events observed:

1. Failure to comply with Conditional Clearances. The pilot did not comply with the provisions of a conditional clearance. The pilot was cleared to climb to a new flight level at a specified time but instead climbed when the clearance was received.
2. Failure to Request Revised Clearance. The pilot did not obtain an ATC clearance prior to changing flight level.
3. Non-adherence To Weather Deviation Procedures. The pilot did not contact ATC to request a revised clearance to avoid convective weather or to inform ATC of the pilot's intention to maneuver under the provisions of the ICAO Doc 4444 Weather Deviation Procedures.
4. Non-compliance With Revised Clearance. After receiving a revised route clearance, the pilot failed to re-program navigation computers with the revised route of flight. In another event, the pilot failed to clearly understand the revised clearance and did not comply with it.

Failure to comply with ATC clearances is a major cause of risk in oceanic airspace. Requirements to comply with ATC clearances are published in paragraph 3.6.2 (Adherence to flight plan) of ICAO Annex 2 (Rules of the Air) and 14 CFR (Code Of Federal Regulations), Part 91, Section 91.123 (Compliance with ATC clearances and instructions).

Operators must stress in pilot training and operations manuals the necessity to:

1. Comply fully with an ATC clearance.
2. Obtain a revised clearance prior to deviating from cleared track or flight level or, if unable to obtain a clearance prior to deviating, follow the appropriate deviation procedure for oceanic airspace (weather deviation or in-flight contingency).
3. Adhere to the provisions of published Weather Deviation Procedures. (A recommended pilot bulletin for these procedures is published under "Emphasis Items" on the WATRS Plus Webpage).

http://www.faa.gov/about/office_org/headquarters_offices/ato/service_units/enroute/oceanic/WATRS_Plus

Questions on this Notice may be directed to one of the following:

Madison Walton (FAA Flight Standards Performance Based Flight Systems Branch),
Phone (1) 202-267-8850; E-mail: Madison.Walton@faa.gov

Steve Smoot (CSSI, Inc., FAA Separation Standards Program Support).
Phone (1) 202-863-0865; E-mail: Steve.Smoot@cssiinc.com

(Performance Based Flight Systems Branch, AFS-470, 3/11/10)

GENERAL**ICAO DOC 4444, SECTION 15.2
SPECIAL PROCEDURES FOR IN-FLIGHT CONTINGENCIES IN OCEANIC AIRSPACE****INTRODUCTION**

1. Although all possible contingencies cannot be covered, these procedures provide for the more frequent cases such as:
 - a. inability to comply with assigned clearance due to meteorological conditions, aircraft performance or pressurization failure;
 - b. en route diversion across the prevailing traffic flow; and
 - c. loss of, or significant reduction in, the required navigation capability when operating in an airspace where the navigation performance accuracy is a prerequisite to the safe conduct of flight operations.
2. With regard to 1a and 1b, the procedures are applicable primarily when descent and/or turnback or diversion is required. The pilot shall take action as necessary to ensure the safety of the aircraft, and the pilot's judgement shall determine the sequence of actions to be taken, having regard to the prevailing circumstances. Air traffic control shall render all possible assistance.

GENERAL PROCEDURES

1. If an aircraft is unable to continue the flight in accordance with its ATC clearance, and/or an aircraft is unable to maintain the navigation performance accuracy specified for the airspace, a revised clearance shall be obtained, whenever possible, prior to initiating any action.
2. The radiotelephony distress signal (MAYDAY) or urgency signal (PAN PAN) preferably spoken three times shall be used as appropriate. Subsequent ATC action with respect to that aircraft shall be based on the intentions of the pilot and the overall air traffic situation.
3. If prior clearance cannot be obtained, until a revised clearance is received the following contingency procedures should be employed and the pilot shall advise air traffic control as soon as practicable, reminding them of the type of aircraft involved and the nature of the problem. In general terms, the aircraft should be flown at a flight level and on an offset track where other aircraft are least likely to be encountered. Specifically, the pilot shall:
 - a. leave the assigned route or track by initially turning at least 45 degrees to the right or to the left, in order to acquire a same or opposite direction track offset 15 NM (28 km) from the assigned track centerline. When possible, the direction of the turn should be determined by the position of the aircraft relative to any organized route or track system. Other factors which may affect the direction of the turn are:
 - (1) the direction to an alternate airport;
 - (2) terrain clearance;
 - (3) any strategic lateral offset being flown, and:

- (4) the flight levels allocated on adjacent routes or tracks;
- b. having initiated the turn:
- (1) if unable to maintain the assigned flight level, initially minimize the rate of descent to the extent that is operationally feasible (pilots should take into account the possibility that aircraft below on the same track may be flying a 1 or 2 NM strategic lateral offset procedure (SLOP)) and select a final altitude which differs from those normally used by 500 ft (150 m) if at or below FL 410, or by 1,000 ft (300 m) if above FL 410; or;
 - (2) if able to maintain the assigned flight level, **once the aircraft has deviated 10 NM (19 km) from the assigned track centerline**, climb or descend to select a flight level which differs from those normally used by 500 ft (150 m), if at or below FL 410, or by 1,000 ft (300m) if above FL 410.
- c. establish communications with and alert nearby aircraft by broadcasting, at suitable intervals on 121.5 MHz (or, as a backup, on the inter-pilot air-to-air frequency 123.45 MHz) and where appropriate on the frequency in use: aircraft identification, flight level, position (including the ATS route designator or the track code, as appropriate) and intentions;
- d. maintain a watch for conflicting traffic both visually and by reference to ACAS (if equipped);
- e. turn on all aircraft exterior lights (commensurate with appropriate operating limitations); and
- f. keep the SSR transponder on at all times.
4. When leaving the assigned track:
- a. if the intention is to acquire a same direction offset track, the pilot should consider limiting the turn to a 45 degree heading change, in order not to overshoot the offset contingency track; or
 - b. if the intention is to acquire and maintain an opposite direction offset track, then:
 - (1) operational limitations on bank angles at cruising altitudes will normally result in overshooting the track to be acquired. In such cases a continuous turn should be extended beyond 180 degrees heading change, in order to re-intercept the offset contingency track as soon as operationally feasible; and
 - (2) furthermore, if executing such a turnback in a 30 NM (56km) lateral separation route structure, extreme caution pertaining to opposite direction traffic on adjacent routes must be exercised and **any climb or descent, as specified in 3b (2) above, should be completed preferably before approaching within 10 NM (19km) of any adjacent ATS route.**

EXTENDED RANGE OPERATIONS BY AEROPLANES WITH TWO-TURBINE POWER-UNITS (ETOPS)

1. If the contingency procedures are employed by a twin-engine aircraft as a result of an engine shutdown or failure of an ETOPS critical system, the pilot should advise ATC as soon as practicable of the situation, reminding ATC of the type of aircraft involved, and request expeditious handling.

WEATHER DEVIATION PROCEDURES GENERAL

Note: The following procedures are intended for deviations around adverse meteorological conditions.

1. When the pilot initiates communications with ATC, a rapid response may be obtained by stating “WEATHER DEVIATION REQUIRED” to indicate that priority is desired on the frequency and for ATC response. When necessary, the pilot should initiate the communications using the urgency call “PAN PAN” (preferably spoken three times).
2. The pilot shall inform ATC when weather deviation is no longer required, or when a weather deviation has been completed and the aircraft has returned to its cleared route

ACTIONS TO BE TAKEN WHEN CONTROLLER–PILOT COMMUNICATIONS ARE ESTABLISHED

3. The pilot should notify ATC and request clearance to deviate from track, advising, when possible, the extent of the deviation expected.
4. ATC should take one of the following actions:
 - a. when appropriate separation can be applied, issue clearance to deviate from track; or
 - b. if there is conflicting traffic and ATC is unable to establish appropriate separation, ATC shall:
 - (1) advise the pilot of inability to issue clearance for the requested deviation;
 - (2) advise the pilot of conflicting traffic; and
 - (3) request the pilot’s intentions.
5. The pilot should take the following actions:
 - a. comply with the ATC clearance issued; or
 - b. advise ATC of intentions and execute the procedures detailed in the section below on “Actions to be taken if a revised ATC Clearance cannot be obtained”.

ACTIONS TO BE TAKEN IF A REVISED ATC CLEARANCE CANNOT BE OBTAINED

NOTE: The provisions of this section apply to situations where a pilot needs to exercise the authority of a pilot-in-command under the provisions of ICAO Annex 2, 2.3.1.

If the aircraft is required to deviate from track to avoid adverse meteorological conditions and prior clearance cannot be obtained, an ATC clearance shall be obtained at the earliest possible time. Until an ATC clearance is received, the pilot shall take the following actions:

- a. if possible, deviate away from an organized track or route system;
- b. establish communications with and alert nearby aircraft by broadcasting, at suitable intervals: aircraft identification, flight level, position (including ATS route designator or the track code) and intentions, on the frequency in use and on 121.5 MHz (or, as a backup, on the inter-pilot air-to-air frequency 123.45 MHz);
- c. watch for conflicting traffic both visually and by reference to ACAS (if equipped);

NOTE: If, as a result of actions taken under the provisions of items b and c above, the pilot determines that there is another aircraft at or near the same flight level with which a conflict may occur, then the pilot is expected to adjust the path of the aircraft, as necessary, to avoid conflict.

- d. turn on all aircraft exterior lights (commensurate with appropriate operating limitations);
- e. for deviations of less than 10 NM (19 km) remain at a level assigned by ATC;
- f. for deviations greater than 10 NM (19 km), when the aircraft is approximately 10 NM (19 km) from track, initiate a level change in accordance with Table 15–1;

- g. when returning to track, be at its assigned flight level when the aircraft is within approximately 10 NM (19 km) of the centerline; and
- h. if contact was not established prior to deviating, continue to attempt to contact ATC to obtain a clearance. If contact was established, continue to keep ATC advised of intentions and obtain essential traffic information.

Table 15-1

<i>Route centre line track</i>	<i>Deviations > 10 NM (19 km)</i>	<i>Level change</i>
EAST 000°– 179° magnetic	LEFT RIGHT	DESCEND 300 ft (90 m) CLIMB 300 ft (90 m)
WEST 180°– 359° magnetic	LEFT RIGHT	CLIMB 300 ft (90 m) DESCEND 300 ft (90m)

(Performance Based Flight Systems Branch, AFS-470 2/12/10)

SPECIAL NOTICE -- LOST COMMUNICATIONS

If the pilot of an aircraft operating in international airspace under U.S. jurisdiction and equipped with a coded radar beacon transponder experiences a loss of two-way radio capability, the pilot should:

- a. Adjust the transponder to reply on Mode 3/A, Code 7700 for a period of 1 (one) minute.
- b. Then change to code 7600 and remain on 7600 for a period of 15 minutes or the remainder of the flight, whichever occurs first.
- c. Repeat steps a and b as practicable.

The pilot should understand that s/he may not be in an area of radar coverage. Many radar facilities are also not presently equipped to automatically display code 7600 and will interrogate 7600 only when the aircraft is under direct radar control at the time of radio failure. However, replying on 7700 first increases the probability of early detection of a radio failure condition. (FAA)

**SPECIAL NOTICE --INSPECTION OF MEANS OF CONVEYANCE
FOR AIRCRAFT DEPARTING CONTINENTAL UNITED STATES**

Inspection of aircraft prior to departure. No person shall move any aircraft from Hawaii to the continental United States, Puerto Rico, or the Virgin Islands of the United States, unless the person moving the aircraft has contacted an inspector and offered the inspector the opportunity to inspect the aircraft prior to departure and the inspector has informed the person proposing to move the aircraft that the aircraft may depart.

Inspection of aircraft moving to Guam. Any person who has moved an aircraft from Hawaii to Guam shall contact an inspector and offer the inspector the opportunity to inspect the aircraft upon the aircraft's arrival in Guam, unless the aircraft has been inspected and cleared in Hawaii prior to departure in accordance with arrangements made between the operator of the aircraft, the Animal and Plant Inspection Service, and the government of Guam. (USDA Regulation 318.13-9)

**GUIDANCE FOR U.S. OPERATORS: SPECIAL EMPHASIS ITEMS FOR OPERATION
IN NORTH ATLANTIC REDUCED LATERAL SEPARATION MINIMUM (RLATSM)
TRIALS REVISION 1 (Aug 19,2015)**

1. **Purpose of Notice.** The purpose of this notice is to provide guidance to U.S. North Atlantic (NAT) operators on material to be included in pilot and dispatcher training programs and operations manuals to prepare them for NAT RLatSM operations.

a. **Rev 1 Update.** This notice has been updated to reflect shortened wording for the Example NAT OTS Track Message. (See paragraph 4a, Item 3). Any future updates will be coordinated with industry organizations and posted in the International Oceanic Airspace Notices section of Domestic/International NOTAMS and on the “FAA NAT Resource Guide for U.S. Operators”. (See paragraph 6).

Note: the “FAA NAT Resource Guide for U.S. Operators” provides information on NAT initiatives and programs, including this notice. It can be accessed at:

http://www.faa.gov/about/office_org/headquarters_offices/avs/offices/afs/afs400/afs470/media/NAT.pdf

b. **Summary of RLatSM Special Emphasis Items.** See Attachment A of this bulletin.

c. The following is an explanation of the terms “should”, “must” and “shall” as used in this bulletin.

- (1) “Should” is used to indicate a recommended practice or policy that is considered as desirable for the safety of operations.
- (2) “Shall” and “must” are used to indicate a practice or policy that is considered as necessary for the safety of operations.

2. **RLatSM Project Plan Overview.** On or soon after 12 November 2015, Phase 1 of the NAT Reduced Lateral Separation (25 NM) Minimum (RLatSM) trial is planned to commence in portions of the Gander and Shanwick oceanic control areas (OCA). During the RLatSM Phase 1 trial:

a. The 25 NM lateral separation minimum will be implemented by applying ½ degree track spacing between three core NAT Organized Track System (OTS) tracks. 25 NM lateral separation will be applied between flight level (FL) 350-390 (inclusive).

b. OTS tracks separated using the reduced lateral separation minimum will be established by publishing one track defined by 1/2 degree waypoints (e.g., 54 degrees-30 minutes NORTH latitude/50 degrees WEST longitude) between two adjacent tracks defined by whole degree waypoints (e.g. 54 degrees NORTH latitude/50 degrees WEST longitude, respectively).

c. Only those operators/aircraft eligible for RLatSM operations will be allowed to operate on designated RLatSM tracks between FL 350-390 (inclusive). See paragraph 3 (Operator/Aircraft Eligibility).

d. Strategic Lateral Offset Procedures (SLOP) will continue to be used in accordance with NAT Doc 007 (NAT Operations and Airspace Manual), paragraph 8.5.

e. Enhanced ATC surveillance and communication will be provided via FANS 1/A (or equivalent) data link systems. Automatic Dependent Surveillance (ADS-C) will provide route conformance monitoring, periodic aircraft reporting and controller alerts for Lateral Deviation Events (LDE) and vertical deviation events (Level Range Deviation Events (LRDE). Controller-Pilot Data Link Communications (CPDLC) will enhance ATC intervention and communication capabilities.

3. **Operator/Aircraft Eligibility.** U.S. operators do not need to apply to participate in the trial. Operators will be eligible to flight plan and fly RLatSM tracks provided the flights are:

- Authorized Required Navigation Performance 4 (RNP 4)
- ADS-C and CPDLC equipped and authorized; and,

- Operating required Communications, Navigation and Surveillance (CNS) systems

Note: Job Aids for RNP 4 and Data Link operations authorization are available. See paragraph 6.

4. Flight Planning Provisions

a. Only those operators/aircraft eligible for RLatSM operations will be allowed to operate on designated RLatSM tracks between FL 350-390 (inclusive). All RLatSM tracks and FLs will be uniquely identified in Remark 3 of the OTS Track Message as shown below:

Westbound NAT Track Message Example with RLatSM Tracks

Note: **Underlined-bold** text highlights RLatSM tracks. It will not be bold in the actual OTS messages.

FF CYZZWNAT
102151 EGGXZOZX
(NAT-1/3 TRACKS FLS 310/390 INCLUSIVE
FEB 11/1130Z TO FEB 11/1900Z
PART ONE OF THREE PARTS-
A PIKIL 57/20 58/30 59/40 58/50 DORYY
EAST LVLS NIL
WEST LVLS 310 320 330 340 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-
B RESNO 56/20 57/30 58/40 57/50 HOIST
EAST LVLS NIL
WEST LVLS 310 320 330 340 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-
C VENER 5530/20 5630/30 5730/40 5630/50 IRLK
EAST LVLS NIL
WEST LVLS 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-
END OF PART ONE OF THREE PARTS)
FF CYZZWNAT
102151 EGGXZOZX
(NAT-2/3 TRACKS FLS 310/390 INCLUSIVE
FEB 11/1130Z TO FEB 11/1900Z
PART TWO OF THREE PARTS-
D DOGAL 55/20 56/30 57/40 56/50 JANJO
EAST LVLS NIL
WEST LVLS 310 320 330 340 350 360 370 380 390
EUR RTS WEST NIL
E MALOT 54/20 55/30 56/40 55/50 LOMSI

EAST LVLS NIL
WEST LVLS 310 320 330 340 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-
END OF PART TWO OF THREE PARTS)

FF CYZZWNAT
102152 EGGXZOZX
(NAT-3/3 TRACKS FLS 310/390 INCLUSIVE
FEB 11/1130Z TO FEB 11/1900Z
PART THREE OF THREE PARTS-

REMARKS.

1. TMI IS 042 AND OPERATORS ARE REMINDED TO INCLUDE THE TMI NUMBER AS PART OF THE OCEANIC CLEARANCE READ BACK.

2. ADS-C AND CPDLC MANDATED OTS ARE AS FOLLOWS

TRACK A 350 360 370 380 390

TRACK B 350 360 370 380 390

TRACK C 350 360 370 380 390

TRACK D 350 360 370 380 390

TRACK E 350 360 370 380 390

END OF ADS-C AND CPDLC MANDATED OTS

3. RLATSM OTS LEVELS 350-390. RLATSM TRACKS AS FOLLOWS

TRACK B

TRACK C

TRACK D

END OF RLATSM OTS...

b. Operators must file the correct ICAO Flight Plan annotations in Items 10 and 18 to indicate that RLatSM required CNS systems are operational for the flight.

- (1) Item 10a (Radio communication, navigation and approach aid equipment and capabilities).

- Insert “J5” to indicate FANS 1/A (or equivalent) Inmarsat CPDLC SATCOM and/or “J7” to indicate FANS 1/A (or equivalent) CPDLC Iridium SATCOM data link equipage and operation;

(2) Item 10b (Surveillance equipment and capabilities)

- Insert “D1” to indicate FANS 1/A (or equivalent) ADS-C equipage and operation

(3) Item 18 (Other information)

- Insert the characters “PBN/” followed by “L1” to indicate RNP 4 authorization.

5. **Special Emphasis Items for RLatSM Operators.** The Special Emphasis Items (SEI) listed below should be incorporated into operator training programs and operations manuals with the intent of raising pilot and dispatcher awareness of the importance of following procedures in an environment where 1/2 degree waypoints and a lateral separation minimum of 25 NM are applied. Each SEI is followed by an explanation of the factors leading it to be identified as an RLatSM SEI.

a. Requirement to use the CNS equipment that is indicated in the ICAO flight plan:

ATC uses the Flight Plan annotations in Items 10 and 18 to apply the reduced separation between aircraft. Therefore, before entering the NAT, the pilot must ensure that:

- the aircraft is logged on when data link capability (J5, J7, D1) has been filed in the FPL; and
- RNP 4 is inserted into the FMC, when RNP 4 capability (L1) has been filed in the FPL. This is to enable aircraft navigation system monitoring and alerting against the required RNP 4 Navigation Specification.

b. Pilot Training on Map and FMC Displays of ½ Degree and Whole Degree Waypoints:

To mitigate misinterpretation of waypoint coordinates, operator initial and re-current training programs and operations manuals must incorporate training and guidance to enable pilots to understand map and FMC displays of ½ degree and whole degree waypoints.

Explanation

Map displays and certain FMC pages generally do not display full waypoint degrees **and** minutes, e.g. when the full 13 latitude/longitude characters are used to insert ½ degree waypoints. See Figure 1, Figure 2, and Figure 3, in **Attachment B**.

c. Aircraft Navigation Database (NDB) Waypoint Identifiers

It is strongly advocated that aircraft NDB vendors and flight planning services **not** provide operators with half-degree waypoint identifiers in the ARINC 424, paragraph 7.2.5 “N-prefix” format (e.g., *N5250 = 52 ° 30’ NORTH 050 °00’ WEST*).

NAT operators should use a full latitude/longitude (e.g., 13-character) input for waypoints containing both half-degree and whole degrees of latitude and whole degrees of longitude, when they are required to make a manual input of waypoints, unless they have the operational need discussed below.

NAT operators **with an operational need to populate the aircraft NDB** with a 5-character waypoint identifier should ensure that the aircraft NDB vendors and flight planning services use an alternate half-degree of latitude 5-character format such as Hxxyy, where xx = degrees and 30 minutes of

NORTH latitude and yy = degrees of WEST longitude (e.g., *H5250 = 52 ° 30’ NORTH 050 °00’ WEST*). (It is recognized that, for whole degree waypoint inputs, such operators will likely continue using the ARINC 424, 7.2.5 “N-suffix” format (e.g., *5250N = 52 °00’ NORTH 050 °00’ WEST*)).

It is recognized that such alternate formats may be available from NDB vendors beginning two Aeronautical Information Regulation and Control (AIRAC) cycles before the scheduled start of the RLatSM trial. The scheduled start date is 12 November 2015 (AIRAC 1512), therefore, implementation of alternate formats could be as early as 17 September 2015 (AIRAC 1510).

Note. The NAT ANSPs are implementing CPDLC route clearance policies and capabilities that will mitigate the need for pilots to manually insert waypoint coordinates.

Explanation

Half-degree waypoint identifiers in the ARINC 424, paragraph 7.2.5 “N-prefix” format have led to a number of Gross Navigation Errors (GNEs) and Lateral Deviations. The guidance for waypoint insertion in paragraph 5c is intended to remove the potential for such errors. They occur when a pilot intending to input a waypoint defined by a half-degree of latitude inadvertently loads a waypoint containing a whole-degree of latitude, or vice versa, because the “N” is not loaded in the correct pre-fix or suffix position.

d. Pilot Procedures for Verifying Waypoint Degrees and Minutes Inserted into Aircraft Navigation Systems:

Procedures must be used to display and verify the DEGREES and MINUTES loaded into the Flight Management Computer (FMC) for the “un-named” (Lat/Long) waypoints defining the route contained in the oceanic clearance.

Regardless of FMC waypoint format and entry method, crew procedures should be designed to promote strong crew resource management techniques to prevent opportunities for error occurring as a result of confirmation bias and to generally maintain an attitude of healthy suspicion. Accordingly, the waypoint verification procedures should be conducted as detailed below.

- During pre-flight LRNS programming, both pilots independently verify the full latitude and longitude coordinates of “un-named” (Lat/Long) waypoints defining the expected route of flight within oceanic airspace as entered in the FMC.
- Upon receipt of a revised oceanic clearance (i.e., one not conforming to the flight planned route), both pilots independently verify the full latitude and longitude coordinates of “un-named” (Lat/Long) waypoints defining the route contained in the revised oceanic clearance.
- Approaching an oceanic waypoint, one pilot should verify the full latitude and longitude coordinates of that waypoint in the FMC, the NEXT and NEXT +1 waypoints, while the other pilot crosschecks the latitude and longitude coordinates against the master flight plan/oceanic clearance.

Explanation

Due to the factors in the map and FMC display of ½ degree and whole degree waypoints, it is imperative that pilots follow the procedure in paragraph 5d above to avoid lateral errors caused by incorrect insertion of waypoints. Verification of the full DEGREES and MINUTES of oceanic waypoints loaded into the FMC is a critical step in ensuring a proper navigational load.

e. Pilot Track and Distance Check:

It is strongly recommended that pilot pre-flight and in-flight procedures call for the pilot to compare the track and distance between waypoints shown on the Computer Flight Plan (CFP) to those displayed by the FMC.

Pilots should be aware that waypoint insertion errors of ½ degree of latitude may in some cases result in only small differences in track and distance, however, the track and distance check can help prevent waypoint insertion errors of one degree or more that have been observed in oceanic operations.

Note: the currency of magnetic variation tables loaded into aircraft navigation databases and the point at which the track is measured affect the track displayed on the FMC by as much as ±3 degrees.

Explanation

This check remains valuable for RLatSM operations because waypoint insertion errors are **not** limited to ½ degree errors and waypoint insertion errors of one degree or more have been observed in oceanic operations. Waypoint insertion errors of ½ degree produce a small difference in leg segment track and distance, however, as noted above, waypoint insertion errors are not limited to ½ degree.

f. Pilot Action When Notified By ATC of Possible Deviation from Cleared Track:

Flight crews are advised that, should they be notified that ATC systems indicate the aircraft is not flying the cleared route, they should immediately display the full degrees and minutes loaded into the FMC for the NEXT and NEXT + 1 waypoints, and verify them against the cleared route before responding.

Voice message example: “SHANWICK CONFIRMS YOUR POSITION REPORT INDICATES INCORRECT ROUTING. CHECK FULL DEGREES AND MINUTES LOADED INTO FMC. YOUR CLEARED ROUTE IS [route]”

CPDLC message example:

YOUR POSITION REPORT INDICATES INCORRECT ROUTING. CHECK FULL DEGREES AND MINUTES LOADED INTO FMC. YOUR CLEARED ROUTE IS [route]

When ATC notifies the pilot that the aircraft has indicated it has already deviated from the cleared track (UM169f: *ADS-C INDICATES OFF ROUTE. ADVISE INTENTIONS*), the pilot shall immediately display the full DEGREES and MINUTES loaded into the FMC for the NEXT waypoint, and verify against the cleared route.

g. Policy for Operational Airborne Collision Avoidance System II (ACAS II):

Prior to departure for flight on an NAT OTS track at a flight level where RLatSM is applied, the ACAS II system shall be fully operational for the pilot flying (i.e., the TA and RA visual display and audio function will be operative for the pilot flying). If the ACAS II system is not fully operational for the pilot flying, the operator has the option of requesting clearance to operate on a track and/or at a FL where RLatSM is not applied. If the ACAS II system fails after departure, the aircraft may continue on the cleared route.

Note: The ACAS II (TCAS II) system must be a Version 7.0 or more recent version).

Explanation

ACAS II provides a valuable situational awareness tool and safety net for pilots operating in NAT airspace including those where aircraft separation standards have already been reduced in the vertical and longitudinal dimensions. The carriage and operation of ACAS II is emphasized here in the context of RLatSM trials for the following reasons:

- The introduction of ½ degree OTS waypoints is an operational change that introduces the use of ½ degree waypoints into NAT OTS operations. Although both pilot procedures and ADS-C conformance monitoring capabilities should mitigate the occurrence of lateral deviations related to ½ degree waypoints, ACAS II provides an independent margin of safety should lateral deviations occur during the RLatSM trial period.
- ACAS II will provide a **situational awareness tool** that will enable pilots to be better prepared to safely execute weather deviation and contingency procedures necessitating lateral deviations (e.g., diversions and turn-backs). In the RLatSM operational environment, such deviations will occur in airspace where the minimum lateral separation is to be 25 NM.

h. Pilot In-flight Contingency Procedures and Weather Deviation Procedures (Diversions, Turn-backs, etc.):

In training and checking programs, operators shall place special emphasis on pilot knowledge of and preparation to execute the *Special Procedures for Inflight Contingencies in Oceanic Airspace* published in ICAO Doc 4444, paragraph 15.2 and *Weather deviation procedures* (paragraph 15.2.3).

Pilots must be aware that when crossing adjacent tracks without an ATC clearance, the potential vertical separation provided by the In-flight Contingency Procedure is 500 ft. Pilots must use all the steps called for in the Contingency Procedures to avoid conflict with other aircraft.

Pilots must also be aware that when unable to obtain an ATC clearance, Weather Deviation Procedures call for a climb or descent of 300 ft. based on direction of flight and direction of deviation, and, in addition, guidance to the pilot is to adjust the path of the aircraft, if necessary, to avoid aircraft at or near the same flight level.

Pilots must stringently follow all measures for avoiding conflict with other aircraft provided for in the Doc 4444 Contingency and Weather Deviation Procedures.

Explanation

The implementation of RLatSM (25 NM) separation and 1/2 degree track spacing significantly reduces the distance and time a diverting aircraft has to maneuver when executing a diversion, turn-back or weather deviation without an ATC clearance before approaching adjacent tracks. It also reduces the time that a pilot has to obtain an ATC clearance. (An aircraft deviating from track can be in the proximity of aircraft on an adjacent track within approximately 4 minutes, depending on the angle of deviation from cleared track). In addition, as discussed above, the margin for safety for aircraft crossing adjacent tracks is 500 ft. of vertical separation when executing In-flight Contingency Procedures.

i. RLatSM Operational policies (aircraft CNS system failure, data link system failure, etc.):

- (1) **Objective.** The guidance provided in the paragraphs below are intended to apply during the RLatSM trials that are scheduled to start on 12 November 2015. It is intended to supplement the Global Operational Data Link Document (GOLD) guidance to controllers and flight crew on data link service failures and aircraft data link system failures (GOLD paragraphs 4.9.4 and 5.9.4 respectively).
- (2) **RLatSM Required CNS System Failure Prior to Departure.** If a flight experiences a failure of an RLatSM required CNS system PRIOR TO DEPARTURE, the flight should flight plan so as to remain clear of NAT RLatSM tracks between FL 350-390 (inclusive).
- (3) **RLatSM Required CNS System Failure After Departure But Prior to Entering On To RLatSM Tracks Between FL 350-390 (Inclusive).** If a flight experiences a failure of an RLatSM required CNS system AFTER DEPARTURE BUT PRIOR TO ENTERING RLATSM AIRSPACE, the flight should contact ATC and request a revised clearance that will keep it clear of NAT RLatSM tracks between FL 350- 390 (inclusive).
- (4) **RLatSM Required CNS System Failure After Entering On To RLatSM Tracks Between FL 350-390 (Inclusive).** If a flight experiences a failure of an RLatSM required CNS system WHILE OPERATING IN RLATSM AIRSPACE, ATC must be immediately advised. Such flights may be re-cleared to exit RLatSM airspace, but consideration will be given to allowing the flight to remain in the airspace, based on tactical considerations. (GOLD paragraph 4.9.4.8 refers).
- (5) **Continuous Climb or Descent of Aircraft Not RLatSM Eligible.** Any aircraft that is not RLatSM eligible may request continuous climb or descent without intermediate level off through the vertical extent of the NAT RLatSM airspace. Such requests will be considered on a tactical basis.
- (6) **Altitude Reservation (ALTRV) Requests.** ALTRV requests will be considered on a case by case basis (as is done today regarding NAT MNPS airspace), irrespective of the RLatSM eligibility status of the participating aircraft.
- (7) **Contingency Situations.** NAT RLatSM airspace restrictions are not applicable to aircraft experiencing a contingency situation.

j. Domestic ATC Agency Contact

Pilots are reminded to ensure that they contact the appropriate **domestic** ATC agency BEFORE exiting oceanic airspace.

6. Websites

- a. The “**FAA NAT Resource Guide for U.S. Operators**” provides information on NAT initiatives and programs, including this notice. It can be accessed at:

http://www.faa.gov/about/office_org/headquarters_offices/avs/offices/afs/afs400/afs470/media/NAT.pdf

b. Job Aid Templates.

(1) **RNP 4 Job Aid Template** (Application to conduct RNP 4 operations) – can be found on the FAA Oceanic webpage at: https://www.faa.gov/pilots/intl/oceanic_ops/

(2) **Data Link Job Aid Template** (Operator Application to Conduct Data Link Operations) –found on the Data Link Authorization Page of the NAT Resource Guide.

7. Contacts

The following individuals may be contacted for information or to provide feedback on RLatSM operations:

Name	Title	Phone	E-mail
Roy Grimes	FAA Separation Standards Program Support, CSSI, Inc.	+1 202-863-3692	Rgrimes@cssiinc.com
Steve Smoot	FA A Separation Standard s Program Support, CSSI, Inc.	+1 202-267-8855	Steve.ctr.smoot@faa.gov
Kevin Kelley	FAA Performance Based Flight Systems Branch, AFS-470	+1 202-267-8854	Kevin.c.kelley@faa.gov
Madison Walton	FAA Performance Based Flight Systems Branch, AFS-470	+1 202-267-8850	Madison.walton@faa.gov

ATTACHMENT A – SUMMARY OF RLatSM SPECIAL EMPHASIS ITEMS CONTAINED IN THIS NOTICE

1. Operator/Aircraft Eligibility and Flight Planning Provisions:

Only operators that are authorized RNP 4 and equipped with and operating CPDLC and ADS-C will be eligible for RLatSM operations. In addition, the ICAO Flight Plan must be correctly annotated to indicate that RLatSM required CNS systems are operational for the flight. (Paragraph 4b refers).

2. Requirement to use the CNS equipment that is indicated in the flight plan:

The pilot must use that CNS systems indicated on the ICAO Flight Plan because ATC uses the Flight Plan annotations in Items 10 and 18 to apply the reduced separation between aircraft (Paragraph 5a refers).

The pilot must also confirm that RNP 4 is inserted into the FMC to enable aircraft navigation system monitoring and alerting against the required RNP4 Navigation Specification (Paragraph 5a refers).

3. Aircraft Navigation Database (NDB) Waypoint Identifiers:

Aircraft NDB vendors and flight planning services should not provide operators with **half-degree** waypoint identifiers in the ARINC 424, paragraph 7.2.5 “N-prefix” format (e.g., *N5250 = 52 ° 30’ NORTH 050 ° 00’ WEST*).

NAT operators should use a full latitude/longitude (e.g., 13-character) input for waypoint coordinates. NAT operators **with an operational need to populate the aircraft NDB** with a 5-character waypoint identifier should ensure that the aircraft NDB vendors and flight planning services use an alternate half-degree of latitude 5-character format e.g., H5250 = 52 ° 30' NORTH 050 ° 00' WEST. (Paragraph 5c refers)

4. Pilot Training on Map and FMC Displays of ½ Degree and Whole Degree Waypoints:

Operator initial and re-current training programs and operations manuals must have incorporated training and guidance to enable pilots to understand map and FMC displays of ½ degree and whole degree waypoints. (Paragraph 5b and

Attachment B Figure 1, Figure 2, and Figure 3 refer).

5. Pilot Procedures for Verifying Waypoint Degrees and Minutes Inserted into Aircraft Navigation Systems:

Pilot Pre-flight and In-flight procedures must call for each pilot to independently display and verify the DEGREES **and** MINUTES loaded into the Flight Management Computer (FMC) for each waypoint defining the cleared route of flight. Procedures must call for **both** pilots to independently verify the waypoint coordinates inserted and concur on their accuracy prior to route activation. (Paragraph 5d refers).

6. Pilot Track and Distance Check:

It is strongly recommended that pilot pre-flight and in-flight procedures call for the pilot to compare the track and distance between waypoints shown on the Computer Flight Plan (CFP) to those displayed by the FMC.

Pilots should be aware that waypoint insertion errors of ½ degree of latitude may in some cases result in only small differences in track and distance, however, the track and distance check can help prevent waypoint insertion errors of one degree or more that have been observed in oceanic operations.

Note: the currency of magnetic variation tables loaded into aircraft navigation databases and the point at which the track is measured affect the track displayed on the FMC by as much as +/- 3 degrees. (Paragraph 5e refers)

7. Pilot Action When Notified By ATC of Possible Deviation From Cleared Track:

When ATC notifies the pilot that ATC systems indicate that the aircraft is not flying the cleared track, the pilot shall immediately display the full DEGREES and MINUTES loaded into the FMC for the NEXT waypoint, and verify against the cleared route. (Paragraph 5f refers)

8. Policy for Operational Airborne Collision Avoidance System II (ACAS II):

Prior to departure for flight on in airspace where RLatSM is applied, the ACAS II system shall be fully operational for the pilot flying (i.e., the TA and RA visual display and audio function will be operative for the pilot flying). If the ACAS II system is not fully operational for the pilot flying, the operator has the option of requesting clearance to operate on a track and/or at a FL where RLatSM is not applied. If the ACAS II system fails after departure, the aircraft may continue on the cleared route.

Note: The ACAS II (TCAS II) system must be a Version 7.0 or more recent version). (Paragraph 5g refers)

9. Pilot In-flight Contingency Procedures and Weather Deviation Procedures (Diversions, Turn-backs, etc.):

In training and checking programs, operators shall place special emphasis on pilot knowledge of and preparation to execute the *Special Procedures for Inflight Contingencies in Oceanic Airspace* published in ICAO Doc 4444, paragraph 15.2 and *Weather deviation procedures* (paragraph 15.2.3).

Pilots must be aware that when crossing adjacent tracks without an ATC clearance, the potential vertical separation provided by the In-flight Contingency Procedure is 500 ft. Pilots must use all the steps called for in the Contingency Procedures to avoid conflict with other aircraft.

Pilots must also be aware that when unable to obtain an ATC clearance, Weather Deviation Procedures call for a climb or descent of 300 ft. based on direction of flight and direction of deviation, and, in addition, guidance to the pilot is to adjust the path of the aircraft, if necessary, to avoid aircraft at or near the same flight level.

Pilots must stringently follow all measures for avoiding conflict with other aircraft provided for in the Doc 4444 contingency procedures. (Paragraph 5h refers).

10. RLatSM Operational policies (aircraft CNS system failure, data link system failure, etc.):

Operators must be aware of the RLatSM operational policies posted in paragraph 5i. In particular, operators must be aware that all RLatSM required aircraft CNS systems must be operational PRIOR TO DEPARTURE and PRIOR TO ENTRY on to RLatSM tracks between FL 350-390 (inclusive). In addition, if RLatSM required aircraft systems fail WHILE OPERATING IN RLATSM AIRSPACE, ATC must be advised immediately so that an appropriate course of action can be determined.

11. Domestic ATC Agency Contact:

Pilots are reminded to ensure that they contact the appropriate **domestic** ATC agency BEFORE exiting oceanic airspace. (Paragraph 5j refers)

ATTACHMENT B – EXAMPLE FMC AND MAP DISPLAYS

Note: Figure 1, Figure 2 and Figure 3 are intended to support paragraph 5b. *Pilot Training on Map and FMC Displays of 1/2 Degree and Whole Degree Waypoints*:).

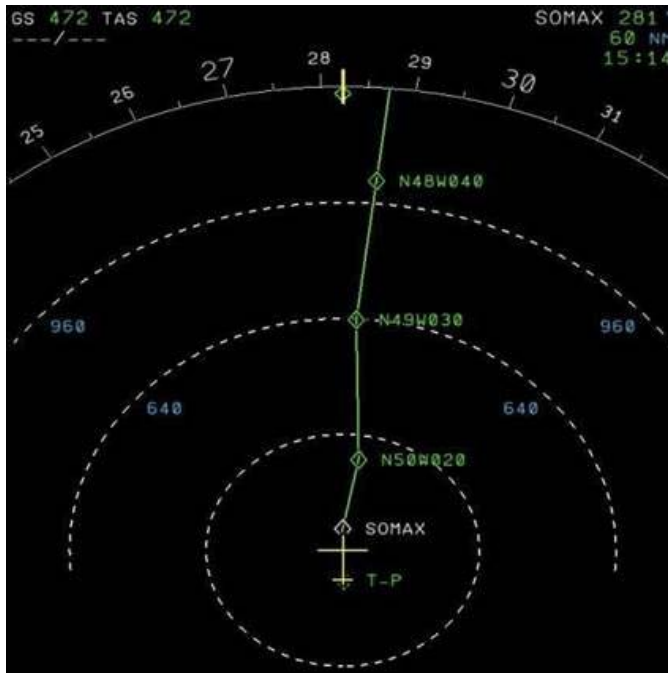
Figure 1. Example FMC Display: Full Waypoint Latitude and Longitude (13-characters) inserted into FMC



1. 50 degrees-30 minutes North latitude, 20 degrees West longitude inserted into the FMC using full latitude and longitude degrees, minutes and seconds (i.e., 13 characters)

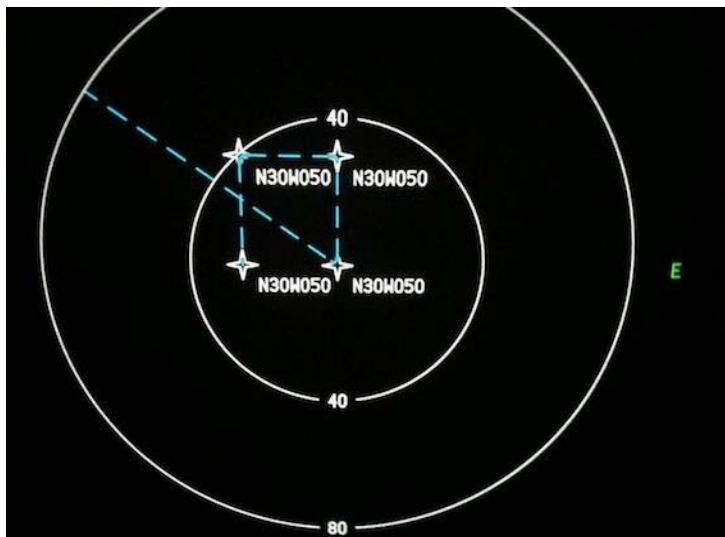
- The waypoint IDENT is truncated to 7 characters with no display of minutes of latitude.

Figure 2. Example Map Display: Full Waypoint Latitude and Longitude (13-characters) Inserted into FMC



- 50 degrees-30 minutes North, 20 degrees West displayed is displayed in 7 characters.
- Minutes of latitude are not displayed.**
- The Map display would be the same for 50 degrees North, 20 degrees West.

Figure 3. Example Map Display showing the potential for the same map display for different FMC inputs.



- Top right FMC input: *N30°30.0' W050
- Bottom right FMC input: *N30°W050°

***Note related to 1 and 2 above.** Significant NAT RLatSM waypoints are planned with whole and half degrees of latitude and whole degrees of longitude. The two asterisked inputs are examples of waypoints that will be used in RLatSM operations. For a large number of aircraft FMS navigation displays, the waypoint input will result in the identical 7-character waypoint map display.

3. Top left FMC input: N30°30.0' W050°30.0'

4. Bottom left FMC input: N30°W050°30.0'

#Note related to 3 and 4 above. The half-degree of longitude waypoints above are not used in NAT operations for the RLatSM Trial

(Performance Based Flight Systems Branch, AFS-470, 5/28/15)

NOVEMBER 2014 UPDATE – NAT ATS SURVEILLANCE AIRSPACE PHASE 2 OF THE NORTH ATLANTIC REGIONAL DATA LINK MANDATE

1. Introduction

a. **Purpose of This Notice.** This Notice provides advance notice to U.S. operators of the plan for Phase 2 of the North Atlantic Data Link Mandate (NAT DLM) that was adopted at the Forty-ninth meeting of the North Atlantic Systems Planning Group (NAT SPG/49). As detailed below, Phase 2 is planned to be implemented in three steps (2A, 2B and 2C) commencing on 5 February 2015, 7 December 2017 and 30 January 2020, respectively. The Notice provides information on: the expanded vertical and horizontal boundaries of NAT DLM airspace and policies for planning operations into NAT DLM airspace.

b. **November 2014 Update.** This Notice provides an update to the “ATS Surveillance Airspace Graphic” posted with this notice. It also provides wording added during the Fall 2014 NAT working group meetings. The additional wording is marked by grey shading.

2. Background

a. **NAT DLM Phase 1.** The first phase of the mandate for data link services in the North Atlantic (NAT) Region commenced 7 February 2013. As of that date, all aircraft operating on or at any point along two specified tracks within the NAT organized track system (OTS) between FL360 to FL390 (inclusive) during the OTS validity period are required to be fitted with and using FANS 1/A (or equivalent) CPDLC and ADS-C equipment.

Note: the “FAA NAT Resource Guide for U.S. Operators” provides information on NAT initiatives and programs, including this Notice. It can be accessed at:

http://www.faa.gov/about/office_org/headquarters_offices/avs/offices/afs/afs400/afs470/media/NAT.pdf

b. **NAT DLM Phase 2A (5 February 2015).** As noted below, DLM Phase 2A will commence on 5 February 2015 between FL350 to FL390 (inclusive) on all tracks within the NAT Organized Track System (OTS). (This phase applies to all aircraft operating on or at any point along the tracks.)

c. **NAT DLM Objectives.** The objectives of the NAT DLM are to enhance communication, surveillance and ATC intervention capabilities in the NAT Region in order to reduce collision risk and enable the NAT Target Level of Safety to be met, particularly in the vertical plane. ADS-C provides capabilities for conformance monitoring of aircraft adherence to cleared route and FL, thereby, significantly enhancing safety

in the NAT Region. ADS-C also facilitates search and rescue operations and the capability to locate the site of an accident in oceanic airspace. CPDLC significantly enhances air/ground communication capability and, therefore, controller intervention capability.

d. **NAT DLM Equipage Goals.** The NAT SPG goals for the expansion of the NAT DLM are in concert with the ICAO Global Air Navigation Plan (GANP) (Doc 9750), Aviation System Block Upgrade (ASBU) Block 0, Module B0-40 (2013-2018). This module calls for safety and efficiency improvements for enroute operations supported by data link. The NAT SPG goals are that: by 2018, 90% of aircraft operating in the NAT Region airspace at FL290 and above will be equipped with FANS 1/A (or equivalent) ADS-C and CPDLC systems, and, that by 2020, 95% of aircraft operating in that airspace will be so equipped.

3. Planned Vertical and Horizontal Boundaries For NAT Region DLM Airspace

- **Phase 2A commencing 5 February 2015:** FL350 to FL390 (inclusive) all tracks within the NAT Organized Track System (OTS). (This phase applies to all aircraft operating on or at any point along the tracks;
- **Phase 2B commencing 7 December 2017:** FL350-FL390 (inclusive) throughout the ICAO NAT Region;
- **Phase 2C commencing 30 January 2020:** FL290 and above throughout the ICAO NAT Region.

4. Airspace NOT INCLUDED in NAT Region DLM Airspace

- “ATS Surveillance Airspace” is airspace where surveillance is provided by radar and/or ADS-B) provided:
 - the aircraft is suitably equipped (transponder/ADS-B Extended Squitter (ES) transmitter); and
 - the entirety of the flight planned route is contained within ATS surveillance coverage.

Note: for planning purposes, a depiction of ATS Surveillance Airspace, where flights are considered to be exempt from the DLM in the NAT Region from 5 February 2015, is provided below in the “**November 2014 Update: ATS Surveillance Airspace Graphic**”. See paragraph 11 below. Also, ATS Surveillance Airspace is depicted in State AIP’s.

- **Airspace north of 80° North.** (Airspace north of 80°N lies outside the reliable service area of geostationary satellites).
- **The New York Oceanic FIR**

5. Applicability of Policies Posted in Paragraphs 6 and 7 Below. The policies posted in paragraphs 6 and 7 below will be applicable starting on 5 February 2015, when DLM Phase 2A is implemented.

6. Flights Allowed To Flight Plan Into NAT Region Phase 2 DLM Airspace Starting 5 February 2015. The following flights will be permitted to flight plan to enter the NAT DLM airspace:

a. **Equipped Flights.** Flights equipped with and prepared to operate FANS 1/A (or equivalent) CPDLC and ADS-C data link systems.

b. **Specific Categories of Non-equipped Flights:** Non-equipped flights that file STS/FFR, HOSP, HUM, MEDEVAC SAR, or STATE in Item 18 of the flight plan. (Depending on the tactical situation at the time

of flight, however, such flights may not receive an ATC clearance which fully corresponds to the requested flight profile).

7. Operational Policies Applicable To NAT Region Phase 2 DLM Airspace Starting 5 February 2015

- **Climb or Descent of Non-equipped Aircraft.** Any aircraft not equipped with FANS 1/A (or equivalent) systems may request a continuous climb or descent without intermediate level off through NAT DLM airspace. Such requests will be considered on a tactical basis.
- **Altitude Reservation (ALTRV) Requests.** ALTRV requests will be considered on a case by case basis (as is done today regarding NAT MNPS airspace), irrespective of the equipage status of the participating aircraft.
- **FANS 1/A (or equivalent) Datalink System Failure Prior to Departure.** If a flight experiences an equipment failure PRIOR TO DEPARTURE which renders the aircraft non-DLM compliant, the flight should flight plan so as to remain clear of NAT Regional DLM Airspace.
- **FANS 1/A (or equivalent) Datalink System Failure After Departure.** If a flight experiences an equipment failure AFTER DEPARTURE which renders the aircraft unable to operate FANS 1/A (or equivalent) CPDLC and/or ADS-C systems, requests to operate in the NAT DLM Airspace will be considered on a tactical basis. Such flights must notify ATC of their status PRIOR TO ENTERING the airspace.
- **FANS 1/A (or equivalent) Datalink System Failure After Entering NAT DLM Airspace.** If a FANS 1/A data link equipment failure occurs while the flight is OPERATING WITHIN NAT DLM AIRSPACE, ATC must be immediately advised. Such flights may be re-cleared so as to avoid the airspace, but consideration will be given to allowing the flight to remain in the airspace, based on tactical considerations.
- **Contingency Situations.** NAT DLM airspace restrictions are not applicable to aircraft experiencing a contingency situation.

8. European/North Atlantic (EUR/NAT) Interface.

a. Where the NAT interfaces with the EUR Data Link Implementation Rule airspace, procedures will be established by the ANSPs concerned to facilitate the vertical transition of traffic to and from the NAT Region Data Link Mandate and the EUR Data Link Implementation Rule areas. The transition will be conducted as soon as is practicable by the initial EUR Domestic area along the common FIR/UIR boundary bordering the NAT Region Data Link Mandate. For flights exiting the NAT Region DLM airspace, operators and the ANSP's shall ensure that the vertical transition is complete prior to crossing any subsequent FIR/UIR boundary.

9. U.S. Operator Requirement For Operational Authorization To Use FANS 1/A (or equivalent) Data Link Systems.

a. U.S operators are required to obtain operational authorization prior to using FANS 1/A data link systems. U.S. FAA guidance on the process and procedures for operational authorization and aircraft data link system approval can be found in the following documents:

- (1) **AC 20-140** (as amended) (Guidelines for Design Approval of Aircraft Data Link Communication Systems Supporting Air Traffic Services (ATS)).

(2) **AC 120-70** (as amended) (Operational Authorization Process for Use of Data Link Communication System)

b. These documents are posted on the “FAA NAT Resource Guide For U.S. Operators” under: COMM/Nav/Surveillance, Data Link Communications. See paragraph 2 above for access to the Resource Guide.

c. The U.S. FAA will grant operational authorization for operators to use FANS 1/A data link by issuing an Operational Specifications or Management Specifications paragraph A056 (Data Link Communications), as appropriate, or a part 91 Letter of Authorization A056 (Data Link Communications).

10. Contacts

Name	Organization	Phone	Email
Roy Grimes	CSSI, Inc. Program Support for Performance Based Flight Systems Branch (AFS-470).	202-863-3692	RGrimes@cssiinc.com;
Mark Patterson	AFS-470	202-267-8848	Mark.Patterson@faa.gov;
Madison Walton	AFS-470	202-267-8850	Madison.Walton@faa.gov;

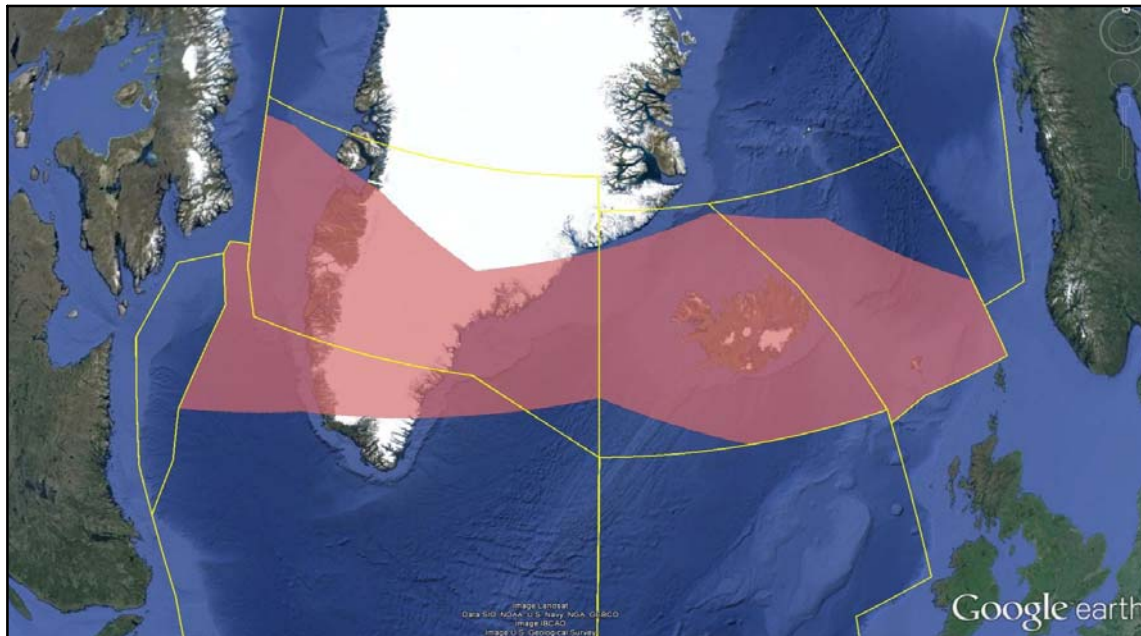
11. November 2014 Update to NAT “ATS Surveillance Airspace Graphic”. The “November 2014 Update: ATS Surveillance Airspace Graphic” updates the depiction of the airspace. ATS Surveillance Airspace is located in the lightly shaded areas shown in the graphic along with the boundary coordinates.

(Performance Based Flight Systems Branch, AFS-470, 11/14/14)

November 2014 Update: ATS Surveillance Airspace Graphic - NAT Regional Data Link Mandate Phase 2

Northern boundary: 64N000W – 68N010W – 69N020W – 68N030W – 67N040W – 69N050W – 70N060W – ADSAM.

Southern boundary: RATSU (61N000W) – 61N020W – 63N030W – 62N040W – 61N050W – SAVRY.



Operational Policy/Procedures for 30 Nautical Mile (NM) Lateral, 30 NM Longitudinal and 50 NM Longitudinal Separation in the Anchorage, Oakland and New York Oceanic Control Areas (CTAs)

1. Applicability and Areas Affected (Date/Time and Area)

1.1 Applicability. The policies, guidance and procedures in this section apply to appropriately authorized and equipped aircraft operating throughout the Anchorage, Oakland and New York Oceanic Control Areas (CTAs), excluding the Anchorage Arctic FIR.

1.2 Date/Time. Since December 2005 Oakland Air Route Traffic Control Center (ARTCC), November 2012 Anchorage ARTCC and beginning in December 2013 New York ARTCC, have applied 30 NM lateral, 30 NM longitudinal and 50 NM longitudinal separation between suitably equipped and authorized pairs of aircraft throughout the respective CTAs/Flight Information Regions (FIRs). The ARTCCs continue to accommodate operators that are not eligible for the reduced separation minima. Published ATS routes and other tracks have not changed. Minimum separation based on ADS-C between aircraft authorized RNP 4 and aircraft authorized Required Navigation Performance 10 (RNP 10) will continue to be 50 NM lateral and 50 NM longitudinal. Lateral and longitudinal separation standards applied between RNP 10 and Non-RNP aircraft also remains unchanged.

2. Requirements for Aircraft and Operators.

2.1 Communication, Navigation and Surveillance Requirements. The combination of RNP values, specified communication capability and necessary surveillance and the associated separation minimum are in table:

CNS Requirements

Separation Minimum	Navigation Requirement	Communications Requirement	ADS-C Surveillance Requirements
50 NM longitudinal	RNP 10	CPDLC	Position report at least every 27 minutes (at least every 32 minutes if both aircraft are approved for RNP-4 operations)
30 NM longitudinal	RNP 4	CPDLC	ADS-C position report at least every 10 minutes (14 minutes in Oakland)
30 NM lateral	RNP 4	CPDLC	ADS-C-based lateral deviation event contract with 5NM lateral deviation from planned routing set as threshold for triggering ADS report of lateral deviation event

2.2 RNP Authorizations and Equipage. For reduced separation to be applied, the aircraft and operator must be authorized by the State of the operator or State of Registry, as appropriate, for the required RNP specification. The aircraft must be equipped with two approved long range navigation systems that will enable the aircraft to maintain the required navigation performance for the duration of flight in the applicable airspace. The aircraft must be equipped with a FANS-1/A package (or equivalent) that includes satellite CPDLC and ADS-C that meets the standards of RTCA DO 258 using ARINC 622 Data Communication Standard. CPDLC communications and ADS-C surveillance must be conducted in accordance with ICAO *Global Operational Data Link Document (GOLD)*, as amended, and maintained for the duration of the flight in the applicable CTA. Pilots and, if applicable, dispatchers must be trained on policies and procedures for 30 NM lateral, 30 NM longitudinal and 50 NM longitudinal requirements including the use of satellite

CPDLC and ADS-C in oceanic airspace. See the ICAO Document (Doc) 9613, *Performance-based Navigation (PBN) Manual* and FAA Order 8400.12 (as amended), *Required Navigation Performance 10 (RNP 10) Operational Approval*, and FAA Order 8400.33 (as amended), *Procedures for Obtaining Authorization for RNP 4 Oceanic and Remote Area Operations*.

NOTE-

Currently RNP4 and RNP 10 are the only navigation specifications applicable to oceanic operations. However, RNP 2 is being developed and once implemented aircraft and operators authorized RNP 2 should be eligible for these reduced separation minima.

2.3 Data Link Operational Authorization. U.S. operators are required to obtain operational authorization prior to using FANS 1/A data link systems. Data link authorizations should be in accordance with FAA AC 20-140 (as amended), *Guidelines for Design Approval of Aircraft Data Link Communication Systems Supporting Air Traffic Services (ATS)* and FAA AC 120-70 (as amended), *Operational Authorization Process for Use of Data Link Communication System*.

3. Flight Planning Requirements:

To inform ATC, and to key Ocean21 automation, that aircraft operators have appropriate operational authorizations and are therefore eligible for 30 NM lateral, 30 NM longitudinal or 50 NM longitudinal separation, operators must annotate their flight plans in accordance with the following table:

Flight Plan Filing Requirements

<p>Item 10a. Radio communication, navigation and approach aid equipment and capabilities:</p> <ul style="list-style-type: none"> • CPDLC capabilities: J5 (CPDLC FANS 1/A SATCOM (INMARSAT)) and/or J7 (CPDLC FANS 1/A SATCOM(Iridium)), J6 (CPDLC FANS 1/A SATCOM (MTSAT, where applicable)) • Navigation: R (PBN approved) (see related Item 18 entry below)
<p>Item 10b. Surveillance equipment and capabilities:</p> <ul style="list-style-type: none"> • D1 (ADS-C with FANS 1/A capabilities)
<p>Item 18. Other Information:</p> <ul style="list-style-type: none"> • PBN/L1 (RNP 4) • PBN/A1 (RNP 10)
<p>NOTE- If only RNP 10 is filed then separation is limited to 50 NM</p>

4. Special Emphasis Items.

4.1 Weather Contingency Procedure. Weather deviation procedures can be found in ICAO Doc 4444, *Procedures for Air Navigation Services – Air Traffic Management (PANS-ATM)*, Chapter 15.2.3. Pilots maneuver (deviate) around convective weather on a regular basis in the course of operations. Weather, therefore, was a major factor considered in establishing the ATC, operator and aircraft requirements for reducing horizontal separation minima to 30 NM. For weather avoidance maneuvers in areas where 30 NM lateral and 30 NM longitudinal separation minima are applied, operators must train the procedures in the ICAO Doc 4444. Emphasis should be placed on the following:

Weather Contingency Items

<ul style="list-style-type: none"> In accordance with ICAO Doc 4444, pilots are reminded that, regardless of the magnitude of a deviation from assigned route, whenever possible, clearance should be requested in advance from ATC. This does not apply to deviations associated with Strategic Lateral Offset Procedures (SLOP). Prior coordination with ATC will help prevent the aircraft generating unnecessary alerts to ATC for lateral deviation events.
<ul style="list-style-type: none"> Pilots should not assume that the Ocean21 system will quickly detect significant changes to the aircraft flight path. Unlike radar, the Ocean21 system does not receive aircraft position updates in real-time. Aircraft position is updated to the Ocean21 system at intervals of up to 10 minutes, when 30 NM lateral and 30 NM longitudinal separation is applied. Controllers can change the update intervals as the situation warrants.
<ul style="list-style-type: none"> It is therefore imperative that pilots keep ATC advised, via CPDLC (or HF voice, if necessary), of their intentions (including significant airspeed changes and/or turbulence conditions) during the initial weather avoidance maneuver and any subsequent maneuvers to avoid convective weather. In order to enhance situational awareness, flight crews should consider broadcasting on 123.45 or 121.5 their intentions to deviate from weather - particularly if an ATC weather deviation is not obtained. This could be a significant event in reduced lateral separation situations.
<ul style="list-style-type: none"> Pilots must be aware that other aircraft could be approximately 30NM ahead or behind them on the same track and inform ATC expeditiously of changes to flight path or airspeed that could erode longitudinal separation.
<ul style="list-style-type: none"> In particular, for the weather deviation procedures, pilots should be aware of the provision to climb or descend 300 feet (depending on the direction of flight and direction of deviation from track) to mitigate the chance of conflict with other aircraft when forced to deviate without a clearance.
<ul style="list-style-type: none"> It is recommended that ACAS be operational for aircraft to which 30 NM lateral and 30 NM longitudinal separation minima can be applied. ACAS is not a separation maintenance tool, but provides valuable data to alert the pilot to the presence and proximity of nearby aircraft in contingency and weather deviation situations.

4.2 15NM Offset Contingency Procedures. Guidance published in ICAO Doc 4444, Chapter 15.2 reflects current ICAO guidance calling for a 15 NM track offset when unable to obtain ATC clearance prior to executing maneuvers for contingencies such as rapid descent, turn-back or diversion. This is of particular importance for aircraft to which 30 NM separation minima can be applied.

4.3 GOLD Procedures for Data Link Operations and Conditional Clearances. A conditional clearance is an ATC clearance given to an aircraft with certain conditions or restrictions such as changing a flight level based on a time or place. Conditional clearances add to the operational efficiency of the airspace. However, conditional clearances have been associated with a large number of pilot deviations. These types of clearances require special attention by the flight crew and operators should develop training material to emphasize proper procedures for executing them accordingly. Resources available for aircrew to properly interpret conditional clearances (and which may assist operators in developing training material) can be found in the ICAO Global Operational Data Link Document (GOLD), Chapter 5 and paragraph 5.3.3. Additionally, the North Atlantic Oceanic Error Safety Bulletin (OESB) provides operators information on procedures and best practices for dealing with conditional clearances. Both the GOLD and the latest version of the OESB can be found in the "NAT Resource Guide for US Operators". See the web link in paragraph 3.

4.4 Aircraft Navigation or Data Links System Malfunction. Pilots must advise ATC of any loss of CPDLC and/or ADS-C capability or an inability to continue to meet RNP-4. ATC will then apply the separation standard appropriate to the situation.

4.5 Air Traffic System Malfunction. If there is a known malfunction of the CPDLC or ADS-C ground system, ATC will contact aircraft and apply separation appropriate to the situation.

4.6 Verifying correct RNP Values prior to entering oceanic and remote airspace. RNP procedures and routes may require the use of RNAV systems with on-board performance monitoring and alerting. A critical component of RNP is the ability of the aircraft navigation system, in combination with the pilot, to

monitor its achieved navigation performance and to identify for the pilot whether the operational requirement is, or is not, being met. Operators conducting oceanic operations must verify the RNP value is properly entered into the FMC, from the flight plan, prior to the aircraft entering oceanic or remote airspace.

4.7 Pilot Report of NonRNP10 or RNP 4 Status. If RNP 10 or RNP 4 approval status is requested by the air traffic controller, the pilot shall communicate approval status using the following phraseology:

RNP 10 or 4 Approval Status

Controller Request	Pilot Response
“(call sign) <i>confirm RNP 10 or 4 approved</i> ”	“ <i>Affirm RNP 10 approved</i> ” or “ <i>Affirm RNP 4 approved</i> ”, as appropriate; or “ <i>Negative RNP 10</i> ”

4.7 Strategic Lateral Offset Procedures (SLOP). Pilots should use SLOP procedures in the course of regular oceanic operations. SLOP procedures are published in ICAO Doc 4444, paragraph 16.5 and. FAA Notices.

4.8 Monitoring Aircraft Navigation. The FAA will monitor and document aircraft navigation errors and system malfunctions. Operators are required to cooperate in follow up investigations of these events. Monitoring is used to verify separation safety and as a means to detect trends in operational practice.

5. Points of contact. If there are questions or requests, one of the following may be contacted:

Steve Smoot	FAA Flight Standards Support, CSSI, Inc.	+1 202-267-8855	ssmoot@cssiinc.com
Kim Joyce	FAA Flight Standards Support, CSSI, Inc.	+1 480-459-5786	kjoyce@cssiinc.com
Roy Grimes	FAA Flight Standards Support, CSSI, Inc.	+1 202-863-3692	rgrimes@cssiinc.com
Madison Walton	FAA Flight Standards Service, AFS-470	+1 202-267-8850	madison.walton@faa.gov
Keith Dutch	FAA Oceanic and Offshore Operations , North Pacific, AJV-824	+1 202-385-8459	keith.dutch@faa.gov
Steven Pinkerton	FAA Oceanic and Offshore Operations, North Atlantic, AJV-824	+1 202-385-8384	steven.pinkerton@faa.gov

15 NOVEMBER 2012 UPDATE

WATRS PLUS ROUTE STRUCTURE REDESIGN & SEPARATION REDUCTION

OPERATIONAL POLICY AND PROCEDURES

Introduction. In June 2008, the FAA implemented a redesigned route structure, a reduced lateral separation standard and associated operational policies on oceanic routes or areas in the WATRS Plus Control Areas (CTA). This Notice provides information on operational policies and procedures applied in WATRS Plus CTAs.

Background. In 1998, lateral separation was reduced to 50 NM in conjunction with the introduction of Required Navigation Performance 10 (RNP 10) for aircraft operating in the North Pacific Route System.

Since that time, application of 50 NM lateral separation and RNP 10 has been expanded throughout the Pacific Flight Information Regions (FIR) and other global oceanic airspace. The WATRS Plus initiative applied the experience gained in those operations.

CTAs Affected.

- Route structure redesign and 50 NM lateral separation was implemented in the following CTAs:
 - the Atlantic portion of the Miami Oceanic CTA
 - the San Juan CTA/FIR and
 - the West Atlantic Route System (WATRS).
- New York Oceanic airspace outside of WATRS is transition airspace. 50 NM lateral separation may be applied in this airspace between aircraft authorized RNP 10 or RNP 4.

Note: the WATRS Plus route structure redesign chart is posted on the WATRS Plus Webpage.

Project Objectives. The WATRS Plus project:

- Reduced lateral separation on oceanic routes or areas from 90 NM to 50 NM between aircraft authorized RNP 10 or RNP 4.
- Has over 95% of WATRS Plus flights conducted by operators/aircraft that have been authorized RNP 10 or RNP 4 by the appropriate State (country) authority.
- Accommodates operation of the small percentage of flights not meeting the RNP 10 minimum requirement. See paragraph below and paragraph 4 for further explanation.
- Redesigned the WATRS Plus route structure to make approximately 40% more routes available to enhance operator access to time/fuel efficient routes and altitudes and to enhance en-route capacity.
- Harmonized the WATRS Plus route structure with that in the Caribbean and North Atlantic regions.

Proposal to Require, On Date To Be Determined, RNP 10 or RNP 4 Authorization Between Flight Level 290-410 (inclusive). The FAA is planning to propose a change that would be effective on a date to be determined. The proposal will likely be to require RNP 10 or RNP 4 authorization for cruise operations on oceanic routes or areas in the WATRS Plus CTAs between FL 290-410 (inclusive). In WATRS Plus airspace, RNP 10 and RNP 4 authorization requires equipment with at least two Long Range Navigation Systems (LRNS). The content of and effective date for the change is planned to be coordinated with the U.S. and international aviation community and will probably require a revision to FAA regulations.

Table of Contents. The following is a list of the major paragraphs that follow:

1. WATRS Plus Information: Policy, Procedures and Guidance For Operators and Regulators
2. Lateral Separation Standards To Be Applied
3. Operation On Routes Within the WATRS CTAs Not Requiring RNP 10 or RNP 4 Authorization
4. Provisions For Accommodation of NonRNP10 Aircraft (Aircraft Not Authorized RNP 10 or RNP 4)
5. Operator Action
6. RNP 10 or RNP 4 Authorization: Policy and Procedures for Aircraft and Operators
7. Flight Planning Requirements
8. Pilot and Dispatcher Procedures: Basic and In-flight Contingency Procedures

9. Flight Of Aircraft Previously Authorized RNP 10 Or RNP 4 With One Long-Range Navigation System Operational
10. Contacts For Questions
11. FAA Project Leads

OPERATIONAL POLICY AND PROCEDURES

1. WATRS Plus Information: Policy, Procedures and Guidance For Operators and Regulators.

Information on WATRS Plus plans, policies and procedures is posted on the West Atlantic Route System, Gulf of Mexico and Caribbean Resource Guide for U.S. Operators which is available at:

http://www.faa.gov/about/office_org/headquarters_offices/avs/offices/afs/afs400/afs470/media/WATRS.pdf

The Resource Guide contains detailed guidance on operator and aircraft authorization for RNP 10 or RNP 4 including Job Aids with references to FAA and ICAO documents.

2. Lateral Separation Standards To Be Applied

- a. 50 NM lateral separation is applied in the WATRS Plus CTAs between aircraft authorized RNP 10 or RNP 4 operating at any altitude above the floor of controlled airspace.
- b. 50 NM lateral separation is applied in the New York Oceanic CTA/FIR outside of WATRS between aircraft authorized RNP 10 or RNP 4 operating at any altitude above the floor of controlled airspace.
- c. Within the WATRS Plus CTAs, the lateral separation standard applicable to non-RNP-10 aircraft is 90 NM.
- d. Policies for application of other lateral separation standards in airspace outside the WATRS Plus CTAs are not affected.

3. Operation On Routes Within the WATRS Plus CTAs Not Requiring RNP 10 or RNP 4 Authorization. Operation on certain routes that fall within the boundaries of WATRS Plus CTAs is not affected by the introduction of RNP 10 and 50 NM lateral separation. Operation on the following routes is **not** affected:

- a. Routes that are flown by reference to ICAO standard ground-based navigation aids (VOR, VOR/DME, NDB), such as the routes in the airspace between Florida and Puerto Rico.
- b. Routes that are located within radar and VHF coverage. WATRS Plus route segments M201 between BAHAA and PAEPR and L453 between PAEPR and AZEZU have replaced A761 between HANRI and ETOCA and R511 between ELTEE and AZEZU. **At and above FL 310**, the new route segments are within radar and VHF coverage. Operations at and above FL 310 on these route segments does **not** require RNP 10 or RNP 4 authorization and remains the same as those conducted on the old A761 and R511 route segments. Pilots shall not apply Strategic Lateral Offset Procedures (SLOP) on these route segments.
- c. Special Area Navigation (RNAV) routes located in the airspace between Florida and Puerto Rico. The old "T-routes" were re-designated as "Y-routes" on 5 June 2008. **These special RNAV routes are not part of the WATRS Plus route structure.**

4. Provisions for Accommodation of Non-RNP 10 Aircraft (Aircraft Not Authorized RNP 10 or RNP 4). Operators of NonRNP10 aircraft shall follow the practices detailed below.

- a. As of 15 November 2012 at 0000 UTC, **when filing an ICAO flight plan under NEW ICAO FPL 2012 provisions**, operators of non-RNP 10 aircraft **shall** annotate ICAO flight plan Item 18 as follows:

“RMK/NONRNP10” (no space between letters and numbers).

b. **Pilot Report to ATC.** Pilots of non-RNP 10 aircraft that are flight planned to operate or are operating on WATRS Plus “L” and “M” routes shall report the lack of authorization by stating “**Negative RNP 10**” in the:

- Atlantic portion of the Miami Oceanic CTA
- New York Oceanic CTA/FIR
- New York Atlantic High Offshore Airspace
- San Juan CTA/FIR
 - on initial call to ATC and...
 - in read back of clearance to descend from FL 410 and above. (See paragraph 4e below).
 - if approval status is requested by the controller. (See paragraph 8h below).

c. Operators of non-RNP 10 aircraft shall **not** annotate ICAO flight plan Item 18 (Other Information) indicating RNP 10 or RNP 4 capability as shown in paragraph 7, if they have **not** obtained RNP 10 or RNP 4 authorization.

d. NonRNP10 operators/aircraft are able to file most WATRS Plus routes at any altitude. Some routes, however, may require special routing for Non-RNP 10 aircraft. Check the West Atlantic, Gulf of Mexico and Caribbean Resource Guide for related FAA Notices. Non-RNP 10 operators are cleared to operate on preferred routes and altitudes as traffic permits. Aircraft that are authorized RNP 10 or RNP 4, however, will have a better opportunity of obtaining their preferred altitude and route because the 50 NM lateral separation standard is applied to those aircraft. 50 NM lateral separation is not applied to non-RNP 10 aircraft.

e. NonRNP10 aircraft retain the option of climbing to operate at altitudes above those where traffic is most dense (i.e., at/above FL 410). To minimize the chance of conflict with aircraft on adjacent routes, non-RNP 10 aircraft should plan on completing their climb to or descent from higher FLs within radar coverage.

f. All aircraft can enhance their opportunity to be cleared on their preferred route and altitude if they operate at non-peak hours, approximately 0100 to 1100 UTC.

5. Operator Action. Operators capable of meeting RNP 10 or RNP 4 that operate on oceanic routes or areas in WATRS Plus CTAs between flight level (FL) 290-410, where competition for routes and altitudes is greatest, should obtain authorization for RNP 10 or RNP 4 and annotate the ICAO flight plan in accordance with paragraph 7. The FAA also strongly recommends that operators flying on oceanic routes or areas above or below those FLs obtain RNP 10 or RNP 4 authority to enhance their operational flexibility.

6. RNP 10 or RNP 4 Authorization: Policy and Procedures For Aircraft and Operators

a. In accordance with ICAO guidance, RNP 10 and RNP 4 are the only navigation specifications (nav specs) applicable to oceanic and remote area operations. (See note below). Other RNAV and RNP nav specs are applicable to continental en route, terminal area and approach operations.

Note: “RNP navigation specification” (e.g., RNP 10) is the term adopted in the new ICAO Performance Based Navigation (PBN) Manual (Doc 9613). It replaces the term “RNP type”.

b. **Responsible State Authority (ICAO Guidance).** The following is ICAO guidance on the State authority responsible for authorizations such as RNP 10, RNP 4 and RVSM.

- International Commercial Operators. The State of Registry makes the determination that the aircraft meets the applicable RNP requirements. The State of Operator issues operating authority (e.g., Operations Specifications (OpSpecs)).

- International General Aviation (IGA) Operators. The State of Registry makes the determination that aircraft meets the applicable RNP requirements and issues operating authority (e.g., Letter of Authorization (LOA)).

c. **FAA Documents.** The guidance and direction of FAA Order 8400.12 (as amended) (RNP 10 Operational Approval) will be used to grant RNP 10 authorization to operators and aircraft for which the FAA is responsible. FAA Order 8400.33 (as amended) (Procedures For Obtaining Authorization For RNP 4 Oceanic/Remote Area Operations) will be used to authorize RNP 4. The FAA RNP 10 and RNP 4 orders are consistent with the ICAO PBN Manual guidance discussed below. FAA and ICAO documents are posted on the available on the West Atlantic, Gulf of Mexico and Caribbean Resource Guide.

d. **ICAO Performance Based Navigation (PBN) Manual (new Doc 9613).** In a letter to States dated 27 April 2007, ICAO urged States to use the ICAO *Performance Based Navigation (PBN) Manual* to establish approval policies and processes for RNP and RNAV operations. RNP 10 guidance is provided in Volume II, Part B; Chapter 1. RNP 4 guidance is in Volume II, Part C; Chapter 1. The ICAO State letter with Volume II attached is posted on the WATRS Plus Webpage.

e. **RNP 10 and RNP 4 Job Aids.** Operators and authorities should use the RNP 10 or RNP 4 Job Aids posted on the available on the West Atlantic, Gulf of Mexico and Caribbean Resource Guide. These Job Aids address the operational and airworthiness elements of aircraft and operator authorization and provide references to appropriate documents. One set of RNP 10 and RNP 4 Job Aids provides references to FAA documents and another set provides references to ICAO documents. The Job Aids provide a method for operators to develop and authorities to track the operator/aircraft program elements required for RNP 10 or RNP 4 authorization.

f. **Requirement For Equipage With At Least Two Long-Range Navigation Systems (LRNS) Meeting RNP 10 or RNP 4 Standards.** For WATRS Plus operations, RNP 10 and RNP 4 authorization require aircraft equipage with at least two LRNS with functionality and display adequate for the operation.

Note: see paragraph 8c for policy on LRNS failure or malfunction enroute.

g. **RNP 10 Time Limit For INS or IRU Only Equipped Aircraft.** Operators should review their Airplane Flight Manual (AFM), AFM Supplement or other appropriate documents and/or contact the airplane or avionics manufacturer to determine the RNP 10 time limit applicable to their aircraft. They will then need to determine its effect, if any, on their operation. Unless otherwise approved, the basic RNP 10 time limit is 6.2 hours between position updates for aircraft on which Inertial Navigation Systems (INS) or Inertial Reference Units (IRU) provide the only source of long range navigation.
Extended

RNP 10 time limits of 10 hours and greater are already approved for many IRU systems.

7. **Flight Planning Requirements.** Operators shall make ICAO flight plan annotations in accordance with this paragraph and, if applicable, paragraph 4.

a. **ICAO Flight Plan Requirement.** ICAO flight plans shall be filed for operation on oceanic routes and areas in the WATRS Plus CTAs.

b. **ICAO Flight Plan AFTN Addressing For Operations in the New York Oceanic CTA/FIR** (including WATRS). All flights entering the New York Oceanic CTA/FIR shall address flight plans

to **KZWYZOZX**. **All** flights entering the New York Oceanic CTA/FIR and a U.S. ARTCC (except Boston) and/or Bermuda airspace shall address flight plans to both **KZWYZOZX** **and** the appropriate U.S. ARTCC. (See table below). If operators do not address flight plans to **KZWYZOZX**, 50 NM lateral separation cannot be applied to them.

<u>Airspace To Be Entered:</u> New York Oceanic CTA/FIR and U.S. ARTCCs	<u>Required AFTN addresses</u>
New York (NY) Oceanic CTA/FIR	KZWYZOZX
Boston ARTCC & NY Oceanic	KZWYZOZX only . (This change confirmed on 19 June 08).
NY domestic and/or Bermuda & NY Oceanic	KZNYZQZX & KZWYZOZX
Washington (KZDC) & NY Oceanic	KZDCZQZX & KZWYZOZX
Jacksonville (KZJX) & NY Oceanic	KZJXZQZX & KZWYZOZX
Miami (KZMA) & NY Oceanic	KZMAZQZX & KZWYZOZX
San Juan & NY Oceanic	TZSUZRZX & KZWYZOZX

c. To inform ATC and to key Ocean21 automation that they have obtained RNP 10 or RNP 4 authorization and are eligible for 50 NM lateral separation, operators **shall**:

- (1) Annotate ICAO Flight Plan Item 10a (Equipment) with the letter “R” and...
 - (2) Annotate Item 18 (Other Information) with, as appropriate, “PBN/A1” for RNP 10 aircraft or “PBN/L1” for RNP 4 aircraft (**no space between letters and numbers**). (“PBN” is “Performance-based Navigation”).
- d. 50 NM lateral separation will only be applied to operators/aircraft that annotate the ICAO flight plan in accordance with this policy.

e. **Operators that have not obtained RNP 10 or RNP 4 authorization shall not annotate ICAO flight plan Item 18 (Other information) indicating RNP 10 or RNP 4 capabilities, but shall follow the practices detailed in paragraph 4 of this notice.**

8. Pilot and Dispatcher Procedures: Basic and In-flight Contingency Procedures

a. **General.** Operator applications/programs for RNP 10 or RNP 4 authorization must address operational and airworthiness policy and procedures related to WATRS Plus route structure redesign and 50 NM lateral separation implementation. The RNP 10 and RNP 4 Job Aids available in the West Atlantic, Gulf of Mexico and Caribbean Resource Guides contain sections on pilot and, if applicable, dispatcher training/knowledge and on operations manuals or comparable operations documents. The Job Aids also provide references to source documents.

b. **Basic Pilot Procedures.** The RNP 10 and RNP 4 Job Aids contain references to pilot and, if applicable, dispatcher procedures contained in:

- FAA Order 8400.12A (RNP 10), Appendix 4 (Training Programs and Operating Practices and Procedures)
- FAA Order 8400.33 (RNP 4): paragraph 9 (Operational Requirements) and paragraph 10 (Training Programs, Operating Practices and Procedures)
- ICAO PBN Manual, Volume II, Part B, Chapter 1 (RNP 10): paragraphs 1.3.4, 1.3.5 and 1.3.6

- ICAO PBN Manual, Volume II, Part C, Chapter 1 (RNP 4): paragraphs 1.3.4, 1.3.5 and 1.3.6

c. **LRNS Failure or Malfunction After Entry Onto WATRS Plus Oceanic Routes or Areas.** The following is WATRS Plus CTA policy for LRNS failure or malfunction enroute:

(1) To conduct operations as an RNP 10 or RNP 4 operator/aircraft, at least two RNP 10 or RNP 4 authorized LRNSs shall be operational at entry on to oceanic route segments or areas in the WATRS Plus CTAs. **(See paragraph 9 for pilot actions in situations where only one LRNS is determined to be operational prior to entry on to oceanic route segments or areas in the WATRS Plus CTAs).**

(2) After entry on to an oceanic route segment or area within the WATRS Plus CTAs, if an LRNS fails or malfunctions and only one LRNS remains operational, the pilot shall inform ATC. ATC will acknowledge and monitor the situation. The aircraft may continue on the cleared route provided that, in the pilot's judgment, the remaining LRNS will enable the aircraft to be navigated within approximately 10 NM of the cleared route center-line. If that is not the case, then paragraph (3) below applies.

(3) If, in the pilot's judgment, the aircraft cannot be navigated within approximately 10 NM of the cleared route center-line:

i. the pilot shall advise ATC of the situation and coordinate a course of action

ii. the pilot shall: consider the best option to maintain the safety of the operation (e.g., continuing on route or turning back); whenever possible obtain an ATC clearance before deviating from cleared route or flight level and keep ATC advised.

iii. ATC will establish an alternative separation standard as soon as practicable, coordinate the safest course of action with the pilot and monitor the situation.

iv. if coordination with ATC cannot be accomplished within a reasonable period of time, the pilot should consider climbing or descending 500 feet, broadcasting action on 121.5 and advising ATC as soon as possible.

d. In-flight Contingency Procedures (e.g., Rapid Descent, Turn-back, Diversion). In-flight contingency procedures for oceanic airspace now published in FAA Notices, available on the West Atlantic, Gulf of Mexico and Caribbean Resource Guide and published in ICAO Document 4444 must be emphasized in pilot training/knowledge programs. The published procedures are applicable to the WATRS Plus CTA reduction of lateral separation from 90 NM to 50 NM.

e. Special Emphasis: Maneuvering to Avoid Convective Weather in a 50 nm Separation Environment. Pilots are required to maneuver (deviate) around convective weather on a regular basis in the course of WATRS Plus operations. Weather deviation procedures, therefore, must be emphasized in accordance with the following:

- Pilot training/knowledge programs and operations manuals or comparable operations documents must emphasize weather deviation procedures as published in FAA Notices and ICAO Document 4444 and provided in the U.S. AIP and page 3-INTL-16 of this document. Weather deviation procedures are addressed in the RNP 10 and RNP 4 Job Aids.

- It is imperative that pilots keep ATC advised of their intentions during the initial weather avoidance maneuver and any subsequent maneuvers to avoid convective weather.

- For distress or urgent situations, direct Air/Ground and Ground/Air satellite telephone service (SATVOICE) is available for communication with New York Oceanic, San Juan Center and ARINC. (Further information is provided in the U.S. AIP.)

- Pilots must be aware of the provision to climb or descend 300 feet (depending on the direction of flight and direction of deviation from track) to mitigate the chance of conflict with other aircraft **when forced to deviate without a clearance.**
- It is recommended that, if equipped, the Airborne Collision Avoidance System (ACAS (TCAS)) be operational. ACAS provides a valuable tool to alert the pilot to the presence and proximity of nearby aircraft in weather deviation situations.

f. **Strategic Lateral Offset Procedures (SLOP).** Pilots should use SLOP procedures in the course of regular oceanic operations. SLOP procedures are published in FAA Notices, provided in the West Atlantic, Gulf of Mexico and Caribbean Resource Guide, and published on ICAO Document 4444. SLOP is addressed in the RNP 10 and RNP 4 Job Aids.

g. **Pilot Report of NonRNP10 Status.** The pilot shall report the lack of RNP 10 or RNP 4 status in accordance with the following:

- When the operator/aircraft is not authorized RNP 10 or RNP 4. **See paragraph 4.**
- If approval status is requested by the controller in accordance with paragraph 8h below.
- When an operator/aircraft previously granted RNP 10 or RNP 4 authorization is operating with only one operational LRNS. **See paragraph 9.**

h. **Pilot Statement of RNP 10 or RNP 4 Approval Status, If Requested.** If requested by the controller, the pilot shall communicate approval status using the following phraseology:

Controller Request	Pilot Response
(call sign) confirm RNP 10 or 4 approved	“Affirm RNP 10 approved” or “Affirm RNP 4 approved”, as appropriate, or... “Negative RNP 10” (See paragraph 4 for NonRNP10 aircraft procedures).

9. Flight Of Aircraft Previously Authorized RNP 10 Or RNP 4 With One Long-Range Navigation System Operational

a. To the maximum extent possible, operators that are authorized RNP 10 or RNP 4 should operate on WATRS Plus oceanic routes in compliance with those standards. If the situation warrants, however, operators may fly an aircraft on WATRS Plus oceanic routes with one LRNS operational. The intent of this policy is to allow an aircraft to complete the flight to its destination and/or be flown to a location for repair. For U.S. operators conducting operations under Part 121, 125 or 135 of the Code of Federal Regulations, Operations Specifications paragraph B054 (Class II (Oceanic) Navigation Using Single Long-Range Navigation System) applies.

b. **One LRNS Operational Prior to Takeoff For Flight Into WATRS Plus Oceanic Routes or Areas.** In the situation where only one LRNS is determined to be operational prior to takeoff, operators shall follow the practices detailed in paragraph 4 (Provisions For Accommodation of Non-RNP 10 Aircraft) (i.e., ICAO flight plan item 18 annotation and pilot report to ATC of aircraft Non-RNP 10 status). The aircraft will be treated as non-RNP 10 aircraft and appropriate lateral separation will be applied.

c. **Failure or Malfunction of LRNS Enroute, One LRNS Operational Prior to Entering a WATRS Plus CTA.** In the situation where at least two LRNS are operational at takeoff, but LRNS failure or malfunction occurs en route and only one LRNS remains operational, the pilot shall take action to inform ATC. Approximately 175-125 NM prior to entering a WATRS Plus CTA, the pilot shall report to ATC that only one LRNS is operational and request that ATC amend the flight plan item 18 entry to delete “PBN/A1” or “PBN/L1” and enter “RMK/NONRNP10” in accordance with paragraph 4a. In addition, after entering

on to a WATRS Plus oceanic route or area, the pilot shall report the “NonRNP10” status of the aircraft in accordance with paragraph 4b.

10. Contacts For Questions. If there are questions or requests, one of the following may be contacted and a response will be coordinated with the appropriate FAA subject matter expert, if necessary:

Roy Grimes	FAA Support. Flight Standards Specialist, CSSI, Inc.	+1 202-863-3692	RGrimes@cssiinc.com ;
Steven Pinkerton	FAA Oceanic and Offshore Operations (AJV-824)	+1 202-385-8384	Steven.Pinkerton@faa.gov;
Steve Smoot	FAA Support. CSSI, Inc.	+1 202-863-0865	SSmoot@cssiinc.com ;

11. FAA Project Leads. The FAA project leads are:

Karen Chiodini	Manager, Oceanic and Offshore Operations (AJE-32)	+1 202-385-8931	Karen.L.Chiodini@faa.gov
Madison Walton	Flight Standards Service, Flight Technologies & Procedures Division (AFS-400)	+1 202-267-8850	Madison.Walton@faa.gov
Dale Livingston	ATO Separation Standards Analysis Group (AJP-7141)	+1 609-485-4163	Dale.Livingston@faa.gov

(AJE-32, 11/15/12)

WATRS PLUS/NEW YORK OCEANIC ROUTING PROCEDURES

Routing Questions. For questions on recommended WATRS Plus routing in individual centers, please contact one of the specialists below:

New York Oceanic: Wolfgang.Lerch@faa.gov;
Ph. 631-468-1018

Miami Center: Juan.Almanzar@faa.gov;
Ph. 305-716-1699

San Juan Center: Hector.Plaza@faa.gov;
Ph. 787-253-8691

Jacksonville Center: Barry.H.Ponder@faa.gov;
Ph 904-549-1029

The following route scheme is being published to provide direction for entering and exiting WATRS airspace.

MNPS certification is NOT required for aircraft operating in a small portion of MNPS airspace in the New York CTA/FIR west of 06700W and north of 3830N.

**SOUTHBOUND
SOUTHBOUND WATRS PLUS ROUTE STRUCTURE ACCESS FROM NEW YORK
METROPOLITAN AREA**

All airspace users entering New York Center’s West Atlantic Route System (WATRS) southbound on ATS routes: L453, L454, L455, L456, L457, L459, L461 AND L462 shall flight plan and file the following routes:

ATS ROUTE	WATRS ACCESS ROUTING (SOUTHBOUND ONLY)
For L453;	...LINND-AZEZU-L453...
For L453 VIA B24;	...B24-AZEZU-L453...
For L454;	...LINND-ROLLE-ATUGI-L454...
For L454 VIA B24;	...B24-WEBBB-ROLLE-ATUGI-L454...
For L455;	...LINND-RESQU-SKPPR-L455...
For L455 VIA B24;	...B24-WEBBB-RESQU-SKPPR-L455...
For L456;	...LINND-SQUAD-DARUX-L456..
For L456 VIA B24;	...B24-WEBBB-RESQU-DARUX-L456..
For L457;	...LINND-RESQU-SKPPR-L457...
For L457 VIA B24;	...B24-WEBBB-RESQU-SKPPR-L457...
For L459;	...LINND-SQUAD-DARUX-L459..
For L459 VIA B24;	...B24-WEBBB-RESQU-DARUX-L459..
For L461;	...LINND-KINGG-KINER-L461..
For L462;	...LINND-KAYYT-L462...
For L462 VIA ACK;	...ACK-J97-LACKS-KAYYT-L462...

**EASTBOUND
TRANSITION TO NEW YORK OCEANIC CTA/FIR**

VIA: ORF AR9 ZIBUT

All airspace operators transitioning the New York Center West Atlantic Route System (WATRS) via ZIBUT intersection, en route to the New York Center North Atlantic RNP/MNPS/RVSM airspace, are encouraged to flight plan via:

ZIBUT [DCT] LARGE [DCT]: SLATN [or] JOBOC [or] DOVEY

Operators opting to flight plan via any other fix or Latitude/Longitude coordinates east of ZIBUT intersection shall expect no higher than FL290 and may be rerouted to accommodate WATRS non-radar traffic.

NOTE- This route may be filed bi-directionally

VIA: KAYYT [DCT] 0600W Longitude

Operators departing the metropolitan New York Area destined to the African Continent may file via:

LINND-KAYYT-[TO 3800N/06000W or South, e.g. 3800N/06000W or 3700N/06000W or 3600N/06000W] – flight planned route.

NOTE– This route may be filed bi-directionally

**NORTHBOUND
NORTHBOUND WATRS PLUS ROUTE STRUCTURE ACCESS TO NEW YORK
METROPOLITAN AREA**

All northbound airspace users exiting New York Center’s West Atlantic Route System (WATRS) destined to New York Area airports on ATS routes: L453, L454, L455, L456, L457, L459, L461 AND L462 shall flight plan and file the following transition routes to join standard airport arrival routing:

ATS ROUTE	WATRS EXIT ROUTING (NORTHBOUND ONLY)
From L453;	...AZEZU-BERGH...
From L454;	...OKONU-L454-BERGH..
From L454 TO B24;	...OKONU-L454-WEBBB-B24...
From L455;	...SAVIK-L455-BERGH...
From L455 TO B24;	...SAVIK-AZEZU-B24...
From L456;	...MARIG-BERGH...
From L457;	...OKONU-L457-BERGH..
From L457 TO B24;	...OKONU-L457-WEBBB-B24...
From L459;	...SAVIK-L459-BERGH...
From L459 TO B24;	...SAVIK-AZEZU-B24...
From L461;	...MARIG-BERGH...
From L462;	...KAYYT-BERGH...

SPECIAL NOTICE -- NAT ATS MESSAGE FORMAT

The following is submitted in an effort to standardize ATS message formats for air/ground communications in the North Atlantic (NAT) Region:

a. General

1. All NAT air-ground messages are categorized under one of the following headings (excluding emergency messages):

(a) Position Report.

(b) Request Clearance.

- (c) Revised Estimate.
 - (d) Miscellaneous Message.
2. In order to enable ground stations to process messages in the shortest possible time, pilots should observe the following rules:
- (a) Use the correct type of message applicable to the data transmitted.
 - (b) State the message type on the contact call to the ground station or at the start of the message.
 - (c) Adhere strictly to the sequence of information for the type of message.
 - (d) All times in each of the messages should be expressed in hours and minutes.
- b. Description of ATS Message Types. Aircraft should transmit air-ground messages using standard RTF phraseology in accordance with the following:
1. POSITION. To be used for routine position reports.

CONTENT AND DATA SEQUENCE

- (a) "POSITION."
- (b) Flight identification.
- (c) Present position.
- (d) Time over present position (hours and minutes).
- (e) Present flight level.
- (f) Next position on assigned route.
- (g) Estimated time for next position (hours and minutes).
- (h) Next subsequent position.
- (i) Any further information; e.g., MET data or Company message.

EXAMPLE-

"Position, SWISSAIR 100, 56N 010W 1235, flight level 330, estimating 56N 020W 1310, next 56N 030W"

2. REQUEST CLEARANCE.

(a) To be used, in conjunction with a routine position report, to request a change of mach number, flight level, or route and to request westbound oceanic clearance prior to entering Reykjavik, Santa Maria or Shanwick CTAs.

CONTENT AND DATA SEQUENCE

- (1) "REQUEST CLEARANCE."
- (2) Flight identification.

- (3) Present or last reported position.
- (4) Time over present or last reported position (hours and minutes).
- (5) Present flight level.
- (6) Next position on assigned route or oceanic entry point.
- (7) Estimate for next position or oceanic entry point.
- (8) Next subsequent position.
- (9) Requested Mach number, flight level or route.
- (10) Further information or clarifying remarks.

EXAMPLE-

“Request clearance, TWA 801, 56N 020W 1245, flight level 330, estimating 56N 030W 1320, next 56N 040W, requesting flight level 350”

(b) To be used to request a change in Mach number, flight level, or route when a position report message is not appropriate.

CONTENT AND DATA SEQUENCE

- (1) “REQUEST CLEARANCE.”
- (2) Flight identification.
- (3) Requested Mach number, flight level or route.
- (4) Further information or clarifying remarks.

EXAMPLE-

“Request clearance, BAW 212, requesting flight level 370”

3. REVISED ESTIMATE. To be used to update estimate for next position.

CONTENT AND DATA SEQUENCE

- (a) “Revised Estimate.”
- (b) Flight identification.
- (c) Next position on route.
- (d) Revised estimate for next position (hours and minutes).
- (e) Further information.

EXAMPLE-

“Revised estimate, WDA 523, 57N 040W 0325”

4. MISCELLANEOUS. To be used to pass information or make a request in plain language that does not conform with the content of other message formats. No message designator is required as this will be inserted by the ground station.

CONTENT AND DATA SEQUENCE

- (a) Flight identification.
- (b) General information or request in plain language and format free.

“WHEN ABLE HIGHER” (WAH) REPORTS

To ensure maximum use of available altitudes, aircraft entering RVSM and/or MNPS airspace in the New York FIR should be prepared to advise ATC of the time or position the aircraft can accept the next higher

altitude. WAH reports are also used to plan the altitude for aircraft as they transition from RVSM to CVSM altitudes. Therefore it is important that the altitude capability of the aircraft is known by controllers. If the aircraft is capable of a higher altitude that, for whatever reason, is not preferred by the pilot, give the altitude in the WAH report and advise that you prefer not to be assigned that altitude.

The procedures will differ for eastbound and westbound aircraft since many of the eastbound aircraft will enter New York MNPS/RVSM airspace from ATC sectors that have direct controller–pilot communications. ATC acknowledgment of a WAH report is NOT a clearance to change altitude.

Eastbound aircraft entering RVSM or MNPS airspace in the New York FIR:

Pilots may be requested by ATC to provide an estimate for when the flight can accept the next higher altitude(s). If requested, pilots should provide this information as soon as possible.

Westbound aircraft entering RVSM or MNPS airspace in the New York FIR:

Pilots should include in the initial position report the time or location that the next higher altitude can be accepted.

EXAMPLE–

“Global Air 543, 40 north 40 west at 1010, flight level 350, estimating 40 north 50 west at 1110, 40 north 60 west. Next able flight level 360 at 1035.”

NOTE–

Pilots may include more than one altitude if that information is available.

EXAMPLE–

(after stating initial report) “Able flight level 360 at 1035, able flight level 370 at 1145, able flight level 390 at 1300.”

MANDATORY PILOT REPORTS

In addition to reading back altitude assignments, pilots shall report reaching any altitude assigned within RVSM airspace. This serves as a double check between pilots and controllers and reduces the possibility of operational errors. This requirement for altitude readback and reports of reaching assigned altitudes applies to both RVSM and CVSM altitudes (i.e., flight levels 330, 340, 350, 360, and 370).

EXAMPLE–

(initial altitude readback): “Global Air 543 climbing to flight level 360.”

(upon reaching assigned altitude): “Global Air 543 level at flight level 360.”

CARIBBEAN, SOUTH AMERICA, AND GULF OF MEXICO

FDC 2/8646 ZFW TX.. Due to the lack of terrain and obstacle clearance data, accurate automation data bases are not available for providing minimum safe altitude warning information to aircraft overflying Mexico. Air traffic facilities along the United States/Mexico border have inhibited minimum safe altitude warning computer programs for aircraft operating in Mexican airspace until accurate terrain data can be obtained. (ATP–130 7/29/02)

FDC 2/8645 ZHU TX.. Due to the lack of terrain and obstacle clearance data, accurate automation data bases are not available for providing minimum safe altitude warning information to aircraft overflying Mexico. Air traffic facilities along the United States/Mexico border have inhibited minimum safe altitude warning computer programs for aircraft operating in Mexican airspace until accurate terrain data can be obtained. (ATP–130 7/29/02)

FDC 2/8644 ZAB NM.. Due to the lack of terrain and obstacle clearance data, accurate automation data bases are not available for providing minimum safe altitude warning information to aircraft overflying Mexico. Air traffic facilities along the united states/Mexico border have inhibited minimum safe altitude warning

computer programs for aircraft operating in Mexican airspace until accurate terrain data can be obtained.
(ATP-130 7/29/02)

GULF OF MEXICO 50 NM LATERAL SEPARATION / RNAV ROUTES PROJECT **OPERATIONAL POLICY AND PROCEDURES**

Introduction. In January 2013, the Federal Aviation Administration (FAA), Servicios a la Navegacion en el Espacio Aéreo Mexicano (SENEAM) and the Direccion General de Aeronautica Civil (DGAC) Mexico implemented new RNAV routes in the GoMex CTA's identified in the paragraphs below. Since that time, 50 Nautical Mile (NM) lateral separation has been applied between aircraft authorized RNP 10 or RNP 4. RNP 10 is the minimum navigation specification (NavSpec) required for the application of 50 NM lateral separation.

Note: Information useful for flight planning and operations within the Gulf of Mexico under this 50 nm lateral separation initiative can be found in the "West Atlantic Route System, Gulf of Mexico, and Caribbean Resource Guide for U.S. Operators" located at:

www.faa.gov/about/office_org/headquarters_offices/avs/offices/afs/afs400/afs470/media/WATRS.pdf

Policy and Procedures Coordination With SENEAM and DGAC Mexico. The policies and procedures contained in this Notice have been coordinated with SENEAM and DGAC Mexico. They will be applied in the Gomex CTA's where the FAA and SENEAM provide Air Traffic Control.

RNP 10 Versus RNAV 10 Terminology. "RNP 10" has the same meaning and application as "RNAV 10". The ICAO Performance-based Navigation (PBN) Manual (ICAO Doc 9613), Volume II, Part B, Chapter 1 (**Implementing RNAV 10, Designated and Authorized as RNP 10**) explains that the term "RNP 10" was in use before the publication of the ICAO PBN Manual and the manual has "grandfathered in" its continued use when implementing an "RNAV 10" navigation specification.

Control Areas (CTA) Affected. The new RNAV routes were implemented and 50 NM lateral separation has been applied since 10 January 2013 in the following CTAs/FIRs/Upper Control Areas (UTA):

- The Houston Oceanic CTA/FIR and the Gulf of Mexico portion of the Miami Oceanic CTA/FIR.
- The Monterrey CTA and Merida High CTA within the Mexico FIR/UTA

Procedural Change In This Update. See paragraph 4 (Accommodation of NonRNP10 Aircraft). Aircraft not authorized RNP 10 (non-RNP 10 aircraft) are **no longer required** to coordinate the flight prior to departure with the Houston Center Operational Supervisor, but are still required to flight plan and make in-flight calls in accordance with paragraph 4.

Table of Contents. The following is a list of the major paragraphs that follow:

1. Policy, Procedures and Guidance
2. Lateral Separation Minima to be Applied
3. Operation in Areas or on Routes within the Gulf of Mexico not affected by the project.
4. Provisions for Accommodation of **Non-RNP 10 Aircraft** (Aircraft not authorized RNP 10 or RNP 4)
5. Operator Action
6. RNP 10 or RNP 4 Authorization: Policy and Procedures for Aircraft and Operators
7. Flight Planning Requirements

8. Pilot and Dispatcher Procedures: Basic and In-flight Contingency Procedures
9. FAA Hq, Houston and Miami Center Contacts
10. FAA Project Leads
11. DGAC - Mexico Leads
12. SENEAM Project Leads

OPERATIONAL POLICY AND PROCEDURES

1. Policy, Procedures and Guidance. Information useful for flight planning and operations within the Gulf of Mexico under this 50 nm lateral separation initiative can be found in the “West Atlantic Route System, Gulf of Mexico, and Caribbean Resource Guide for U.S. Operators” located at:

www.faa.gov/about/office_org/headquarters_offices/avs/offices/afs/afs400/afs470/media/WATRS.pdf

The Resource Guide also provides information on operator and aircraft authorization for RNP 10.

2. Lateral Separation Minima To Be Applied Outside Radar Coverage

- 50 NM lateral separation will continue to be applied in the GoMex CTA’s between aircraft authorized RNP 10 or RNP 4 at all altitudes above the published MEA.
- A lateral separation minima of 100 NM in the Houston, Monterrey and Merida CTAs, and 90 NM in the Miami Oceanic CTA will continue to be applied between aircraft not authorized RNP 10 or RNP 4.

3. Operation on Routes on the periphery of the Gulf of Mexico CTAs

Operations on certain routes that fall within the boundaries of affected CTAs will not be affected by the introduction of 50 NM lateral separation. Operation on the following routes is **not** affected:

- a. Routes that are flown by reference to ICAO standard ground-based navigation aids (VOR, VOR/DME, NDB).
- b. Special Area Navigation (RNAV) routes Q100, Q102 and Q105 in the Houston, Jacksonville and Miami CTA’s.

4. Provisions for Accommodation of Non-RNP 10 Aircraft (Aircraft Not Authorized RNP 10 or RNP 4).

a. **When filing an ICAO flight plan**, operators of non-RNP 10 aircraft shall annotate ICAO flight plan Item 18 as follows:

First remark, if possible: “RMK/NONRNP10” (no space between letters and numbers).

b. Pilots of non-RNP 10 aircraft that operate in GoMex CTA’s shall report the lack of authorization by stating “**Negative RNP 10**”:

- on initial call to ATC in a GoMex CTA; or...
 - when approval status is requested by the controller. (See paragraph 8e below).
- c. Operators of non-RNP 10 aircraft shall **not** indicate RNP 10 or RNP 4 capabilities in ICAO flight plan Item 18 (Other Information) if they have **not** obtained RNP 10 or RNP 4 authorization.
- d. NonRNP10 operators/aircraft may file any route at any altitude in a GoMex CTA. They will be cleared to operate on their preferred routes and altitudes as traffic permits. 50 NM lateral separation will **not** be applied to NonRNP10 aircraft.
- e. NonRNP10 aircraft should plan on completing their climb to or descent from higher FLs within radar coverage, if possible.

5. Operator Action

In order to maximize operational flexibility provided by 50 NM lateral separation, operators capable of meeting RNP 10 or RNP 4 that operate on oceanic routes or areas in the GoMex CTA's should obtain authorization for RNP 10 or RNP 4 and annotate the ICAO flight plan accordingly.

Note 1: RNP 10 is the minimum "Navigation Specification (NavSpec)" required for the application of 50 NM lateral separation. RNP 4 is an operator option. Operators/aircraft authorized RNP 4 are not required to also obtain RNP 10 authorization.

Note 2: "RNP navigation specification" (e.g., RNP 10) is the term adopted in the ICAO Performance-based Navigation (PBN) Manual (Doc 9613). It replaced the term "RNP type".

6. RNP 10 or RNP 4 Authorization: Policy and Procedures for Aircraft and Operators

a. **RNP NavSpecs Applicable To Oceanic Operations.** In accordance with ICAO guidance, RNP 10 and RNP 4 are the only NavSpecs currently applicable to oceanic and remote area operations, however, Edition 4 of the ICAO PBN Manual is planned to introduce RNP 2 into oceanic operations. This Notice will be updated at the appropriate time. Other RNAV and RNP NavSpecs are applicable to continental en route, terminal area and approach operations.

b. **Responsible State Authority (ICAO Guidance).** The following is ICAO guidance on the State authority responsible for authorizations such as RNP 10, RNP 4 and RVSM.

- International Commercial Operators. The State of Registry makes the determination that the aircraft meets the applicable RNP requirements. The State of Operator issues operating authority (e.g., Operations Specifications (OpSpecs)).

- International General Aviation (IGA) Operators. The State of Registry makes the determination that aircraft meets the applicable RNP requirements and issues operating authority (e.g., Letter of Authorization (LOA)).

c. **FAA Documents.** The guidance and direction of FAA Order 8400.12 (as amended) (RNP 10 Operational Authorization) will be used to grant RNP 10 authorization to operators and aircraft for which the FAA is responsible. FAA Order 8400.33 (as amended) (Procedures for Obtaining Authorization for RNP 4 Oceanic/Remote Area Operations) will be used to authorize RNP 4. The FAA RNP 10 and RNP 4 orders are consistent with the ICAO PBN Manual guidance discussed below. FAA and ICAO documents are accessible through the West Atlantic, Gulf of Mexico and Caribbean Resource Guide.

d. **ICAO Performance-based Navigation (PBN) Manual (ICAO Doc 9613).** Guidance for authorization of RNP 10 and RNP 4 is provided in ICAO Doc 9613. RNP 10 is addressed in Volume II, Part B; Chapter 1. RNP 4 is addressed in Volume II, Part C; Chapter 1.

e. **RNP 10 and RNP 4 Job Aids.** Operators and authorities are encouraged to use the RNP 10 or RNP 4 Job Aids are available through the West Atlantic, Gulf of Mexico and Caribbean Resource Guide. For U.S. operators, one set of RNP 10 and RNP 4 Job Aids provides references to FAA documents. For international operators, a second set of Job Aids provide references to the ICAO PBN Manual. These Job Aids address the operational and airworthiness elements of aircraft and operator authorization and provide references to appropriate document paragraphs. The Job Aids provide a method for operators to develop and authorities to track the operator/aircraft program elements required for RNP 10 or RNP 4 authorization.

f. **Qualification of Aircraft Equipped With a Single Long-Range Navigation System (S-LRNS) For RNP 10 Operations In GoMex CTA's.**

(1) **Background.** S-LRNS operations in the Gulf of Mexico, the Caribbean Sea and the other designated areas have been conducted for at least 25 years. Provisions allowing aircraft equipage with a S-LRNS for operations in specified oceanic and off-shore areas are contained in the following sections of 14 Code Of Federal Regulations (CFR): 91.511, 121.351, 125.203 and 135.165.

(2) **ICAO PBN Manual Reference.** In reference to RNP 10 authorization, the ICAO PBN Manual, Volume II, Part B, Chapter 1, paragraph 1.3.6.2 states that: “A State authority may approve the use of a single LRNS in specific circumstances (e.g., North Atlantic MNPS and 14 CFR 121.351 (c) refer). An RNP 10 approval is still required.”

(3) **Policy Development.** The FAA has worked with the ICAO NACC Office (North American, Central American and Caribbean), State regulators and ATS providers in the GoMex and Caribbean areas to implement a policy for S-LRNS equipped aircraft to qualify for RNP 10 **for GoMex operations.** Allowing S-LRNS equipped aircraft to qualify for RNP 10 will enable more operator aircraft to be authorized RNP 10, thereby creating a more uniform operating environment for the application of 50 NM lateral separation. The factors considered were: the shortness of the legs outside the range of ground navigation aids, the availability of radar and VHF coverage in a large portion of GoMex airspace and the absence of events attributed to S-LRNS in GoMex operations.

(4) **Document Revision.** The following documents have been revised or created to enable implementation of the S-LRNS/RNP 10 qualification policy:

- FAA Order (FAAO) 8400.12
- FAA Order 8900.1 (Flight Standards Information Management System (FSIMS))
- Paragraph B054 of FAA Operations Specifications and Management Specifications (Class II Navigation Using Single Long-Range Navigation System)
- LOA B054 (Class II Navigation Using Single Long-Range Navigation System (S-LRNS) Equipped Airplane Authorized RNP 10) (LOA's are applicable to International General Aviation operators.)
- FAA RNP 10 Job Aid with FAAO 8400.12 references
- RNP 10 Job Aid with ICAO PBN Manual references

(5) **S-LRNS/RNP 10 Authorization Limited To GoMex.** At this time, S-LRNS qualification for RNP 10 will only apply to GoMex operations. Any expansion of this provision will require assessment and agreement by the appropriate State authorities.

g. **RNP 10 Time Limit for INS or IRU Only Equipped Aircraft.** Operators should review their Airplane Flight Manual (AFM), AFM Supplement or other appropriate documents and/or contact the airplane or avionics manufacturer to determine the RNP 10 time limit applicable to their aircraft. They will then need to determine its effect, if any, on their operation. Unless otherwise approved, the basic RNP 10 time limit is 6.2 hours between position updates for aircraft on which Inertial Navigation Systems (INS) or Inertial Reference Units (IRU) provide the only source of long range navigation. **Extended RNP 10 time limits of 10 hours and greater are already approved for many IRU systems.** FAA Order 8400.12 contains provisions for extending RNP 10 time limits

7. **Flight Planning Requirements.** Operators shall make ICAO flight plan annotations in accordance with this paragraph **and**, if applicable, paragraph 4 (Provisions For Accommodation of NonRNP 10 Aircraft). (See the introductory paragraphs of this notice for information on ICAO Flight Plan (FPL) 2012 implementation).

a. **ICAO Flight Plan Requirement.** ICAO flight plans are required to operate on oceanic routes and areas in the Houston Oceanic CTA/FIR, the Gulf of Mexico portion of the Miami CTA/FIR, the Monterrey CTA and Merida High CTA.

b. **When filing an ICAO flight plan under ICAO FPL 2012 provisions,** to inform ATC that they have obtained RNP 10 or RNP 4 authorization and are eligible for 50 NM lateral separation, operators shall:

(1) annotate ICAO Flight Plan Item 10a (Equipment) with the letter “R” and...

(2) annotate Item 18 (Other Information) with, as appropriate, “PBN/A1” for RNP 10 aircraft or “PBN/L1” for RNP 4 aircraft (**no space between letters and numbers**). (“PBN” is the acronym for “Performance-based Navigation”).

Note: under ICAO FPL 2012 provisions, letter “R” indicates that the performance-based navigation specification (e.g., RNP 10 or RNP 4) is specified in Item 18 following the indicator “PBN/”.

c. 50 NM lateral separation will only be applied to operators/aircraft that annotate the ICAO flight plan in accordance with this policy. See 7b (1)(2) above.

d. Operators that have not obtained RNP 10 or RNP 4 authorization shall not annotate ICAO flight plan Item 18 (Other information) to indicate RNP 10 or RNP 4 capabilities, but shall follow the practices detailed in paragraph 4 of this notice.

e. **Filing to Show Domestic U.S. RNAV Capabilities.** The FAA program to enhance operators’ capability to communicate their domestic U.S. RNAV capabilities to ATC has been in place since 2008. Detailed instructions are available on the following web page: <http://www.faa.gov/ato?k=fpl>

8. **Pilot and Dispatcher Procedures: Basic and In-flight Contingency Procedures**

a. **Basic Pilot Procedures.** The RNP 10 and RNP 4 Job Aids contain references to pilot and, if applicable, dispatcher procedures contained in:

- (1) FAA Order 8400.12C (RNP 10), Appendix D (Training Programs and Operating Practices and Procedures)
- (2) FAA Order 8400.33 (RNP 4): paragraph 9 (Operational Requirements) and paragraph 10 (Training Programs, Operating Practices and Procedures)
- (3) ICAO PBN Manual, Volume II, Part B, Chapter 1 (RNP 10)
- (4) ICAO PBN Manual, Volume II, Part C, Chapter 1 (RNP 4)

b. **ICAO Doc 4444, Chapter 15, In-flight Contingency Procedures.** Doc 4444 Chapter 15 contains important guidance for pilot training programs. For ease of reference, significant Chapter 15 paragraphs are posted on the Gulf of Mexico 50 NM Lateral Separation Web Page. Chapter 15 paragraphs posted on the website include:

(1) **Paragraph 15.2 (Special Procedures For In-Flight Contingencies in Oceanic Airspace).** Paragraph 15.2.2 (General Procedures) provides guidance for in-flight diversions, turn-backs and for loss of, or significant reduction in, required navigation capability when operating in an airspace where the navigation performance accuracy is a prerequisite to the safe conduct of flight operations.

(2) **Paragraph 15.2.3 (Weather Deviation Procedures).** Paragraph 15.2.3 provides guidance for events where the pilot is able to obtain a clearance prior to deviating from track to avoid convective weather and for events where the pilot is unable to obtain clearance prior to deviating.

c. **Strategic Lateral Offset Procedures (SLOP).** Pilots should use SLOP procedures in the course of regular oceanic operations. SLOP procedures are published in ICAO Document 4444, 15th Edition, Amendment 2, paragraph 16.5 and FAA Notices. They are posted on the Gulf of Mexico 50 NM Lateral Separation Web Page and are addressed in the RNP 10 and RNP 4 Job Aids.

d. **Pilot Report of NonRNP10 Status.** The pilot shall report the lack of RNP 10 or RNP 4 status in accordance with the following:

- When the operator/aircraft is not authorized RNP 10 or RNP 4. **See paragraph 4.**
- If approval status is requested by the controller in accordance with paragraph 8e below.

e. **Pilot Statement of RNP 10 or RNP 4 Approval Status, If Requested.** If requested by the controller, the pilot shall communicate approval status using the following phraseology:

Controller Request	Pilot Response
(call sign) confirm RNP 10 or 4 approved	<p>“Affirm RNP 10 approved” or “Affirm RNP 4 approved”, as appropriate, or...</p> <p>“Negative RNP 10” (See paragraph 4 for NonRNP10 aircraft procedures).</p>

f. **Pilot action when navigation system malfunctions.** In addition to the actions suggested in ICAO Doc. 4444, Chapter 15, when pilots suspect a navigation system malfunction, the following actions should be taken:

- Immediately inform ATC of navigation system malfunction or failure
- Accounting for wind drift, fly magnetic compass heading to maintain track
- Request radar vectors from ATC, when available

9. **Contacts for Questions.** The following individuals may be contacted with questions or requests. A response will be coordinated with the appropriate FAA subject matter expert, if necessary:

9a. **U.S. FAA Hq Contacts**

Name	Title	Phone	E-mail
Roy Grimes	FAA Separation Standards Program Support, CSSI, Inc.	+1 202-863-3692	rgrimes@cssiinc.com
Keith Dutch	Air Traffic Oceanic and Offshore Operations (AJE-32)	+1 202-385-8459	Keith.Dutch@faa.gov ;

9b. **U.S. FAA Center Contacts**

Name	Title	Phone	E-mail
John Beckman	Airspace Specialist, Houston ARTCC	+1 281-230-5521	john.beckman@faa.gov
Mike McGhee	Airspace Manager, Houston ARTCC	+1 281-230-5520	mike.mcghee@faa.gov
Mark Palazzo	Manager, Operations Support, Miami ARTCC	+1 305-716-1547	mark.palazzo@faa.gov
Juan Almanzar	Airspace Specialist, Miami ARTCC	+1 305-716-1531	juan.almanzar@faa.gov

10. **FAA Project Leads.**

Name	Title	Phone	E-mail
Karen Chiodini	Manager, Air Traffic Oceanic and Offshore Operations (AJE-32)	+1 202-385-8931	karen.l.chiodini@faa.gov
Madison Walton	Flight Standards Performance Based Flight Systems Branch (AFS-470)	+1 202-267-8850	madison.walton@faa.gov

11. Project Leads For DGAC Mexico

Jose Gil Jimenez	Air Traffic Control Department, Manager	+52-55-57-23-9300 Extension 18074	jgiljim@sct.gob.mx
Oscar Vargas Antonio	Air Traffic Inspector	+52-55-57-23-9300 Extension 18074	ovargasa@sct.gob.mx

12. SENEAM Project Leads.

Name	Title	Phone	E-mail
Martin Fuentes	Director - Navigation and Aeronautical Information	+52 -55-57-86-55-19	ais_pcr@sct.gob.mx
Bruce Magallon	Air Traffic Director	+52 55-57-86-55-13	dta_seneam@sct.gob.mx
Jorge Carrión	Air Traffic Specialist	+52 55-57-86-55-14	jcarrion@sct.gob.mx

(AJV-824, 4/3/14)

SPECIAL NOTICE -- SONOBUUY DROPS

Sonobouy drop activity 5 NM radius of St. Croix (COY) 300 degree radial 11 DME (300/11) surface to 1200 feet MSL, sunrise to sunset, 7 days a week. (SJU IFSS 7/87)

**SPECIAL NOTICE -- GULF OF MEXICO
COMMUNICATIONS REQUIREMENTS AND POSITION REPORTING
WITHIN HOUSTON OCEANIC CONTROL AREA**

Position reports and the ability to communicate at any point of the route of flight is vital to the air traffic safety and control process. When flight planning, users are responsible to ensure that they will be capable of compliance. Inability to comply is in violation of ICAO requirements. The communication requirements for IFR flights within the Houston Oceanic Control Area are:

- a. Functioning two-way radio communications equipment capable of communicating with at least one ground station from any point on the route.
- b. Maintaining a continuous listening watch on the appropriate radio frequency.
- c. Reporting of mandatory points.

The following describes an area in the Houston CTA/FIR where reliable VHF air-to-ground communications below FL180, are not available:

26 30 00N 86 00 00W TO 26 30 00N 92 00 00W
TO 24 30 00N 93 00 00W TO 24 30 00N 88 00 00W
TO 24 00 00N 86 00 00W TO BEGINNING POINT.

Communications within this area are available for all oceanic flights via HF.

The attention of pilots planning flights within the Houston CTA/FIR is directed to the communications and position reports requirements specified in the following ICAO Documents:

ANNEX 2, PARAGRAPHS 3.6.3 AND 3.6.5

ANNEX 11, PARAGRAPH 6.1.2

PANS-RAC 4444, PART 2, PARAGRAPH 14
DOC 7030, CAR, PARAGRAPH 3. (FAA)

GULF OF MEXICO RNAV ROUTES Q100, Q102, AND Q105

This NOTAM defines RNAV equipment requirements for operators filing Q100, Q102, and Q105 through Gulf of Mexico airspace. Only aircraft approved for IFR Area Navigation operations will be cleared to operate on Q100, Q102, and Q105 between the surface and FL600 (inclusive).

Operator Determination of RNAV Equipment Eligibility

In accordance with Federal Aviation Regulations 91.511, 121.351, 125.203, and 135.165 (as applicable) an approved Long-Range Navigation System (INS, IRS, GPS or Loran C) is required for operation on these routes.

In addition, operators will not flight plan or operate on these routes unless their aircraft are equipped with RNAV systems that are approved for IFR navigation and the pilots are qualified to operate them. Aircraft may be considered eligible to operate on these routes if they fall under one of the following categories:

a. For new installations, the Airplane Flight Manual must show that the navigation system installation has received airworthiness approval in accordance with one of the following FAA ACs:

1. AC 20-138, as amended (Airworthiness Approval of Positioning and Navigation Systems).
2. AC 25-15 (Flight Management System [FMS] approval).

b. Installations that have previously received airworthiness approval under the following ACs are eligible for Gulf of Mexico Q-route operation provided it is shown in the Airplane Flight Manual:

1. AC 90-45A (RNAV system approval).
2. AC 20-130, as amended (Multi-Sensor Navigation system approval).

NOTE - INS LIMITATIONS. See paragraph f, below.

Operational Requirements and Procedures

a. Class I Navigation: operations on Q100, Q102 and Q105 will continue to be categorized as Class I navigation, as defined in FAA Order 8900.1, Vol. 4, Chapter 1, Section 3, Class I Navigation.

b. Operations Specifications: operators are considered eligible to conduct operations on the Q-routes provided that aircraft are equipped with the appropriate equipment in accordance with the "Operator Determination of RNAV Equipment Eligibility" paragraph above and operations are conducted in accordance with paragraph (c), (d), (e) and (f) below. Title 14 CFR Parts 121, 125, 135 operators are authorized to operate on the Q-routes when they are issued Operations Specifications (OpSpecs) paragraph B034 (Class I Navigation Using Area Navigation Systems). In addition, OpSpecs B034 must be annotated in OpSpecs paragraph B050 (Enroute Authorizations, Limitations and Procedures), for the Gulf of Mexico High Offshore Airspace.

c. Pilots in command filing on RNAV routes are certifying that the crews and equipment are qualified to conduct RNAV operations.

d. Pilots in command shall be responsible for navigating along route centerline (as defined by the aircraft navigation system) in accordance with the requirements of Title 14 CFR 91, section 181 (course to be flown) and ICAO Annex 2, paragraph 3.6.2.1.1. (Annex 2, paragraph 3.6.2.1 states that flights shall "in so far as practical, when on an established ATS route, operate on the defined centerline of that route.")

e. Pilots in command shall notify the Air Route Traffic Control Center (ARTCC) of any loss of navigation capability that affects the aircraft's ability to navigate within the lateral limits of the route.

f. INS or IRS LIMITATION. For the purposes of operating on the following RNAV routes, Q100, Q102, and Q105, aircraft equipped with Inertial Navigation Systems (INS) or Inertial Reference Systems (IRS) that cannot receive automatic position updates (e.g., DME/DME update) for the entire length of the route, are limited to 1.5 consecutive hours of un-updated operation. In preparation for take-off, this time starts at the time that the INS or IRS is placed in the navigation mode. En route, the maximum time allowed between automatic position updates is 1.5 hours. Systems that perform updating after the pilot has manually selected the navigation aid are considered to have "automatic update" capability.

g. Radar monitoring will normally be provided. In the event of loss of radar, aircraft will be advised. ATC will ensure that the appropriate nonradar separation is applied during these time periods.

FAA Contacts

Roy Grimes	CSSI, Inc.; FAA Separation Standards Program Support	202-863-3692	RGrimes@cssiinc.com
Madison Walton	Performance Based Flight Systems Branch (AFS-470)	202-267-8850	Madison.Walton@faa.gov
Jorge A. Chades	Oceanic Air Traffic Procedures Group (AJV-824)	202-385-8461	Jorge.A.Chades@faa.gov
Jerry Bordeaux	AJV-824	202-385-8329	Jerry.Bordeaux@faa.gov

(AFS-470, 4/29/14)

MIAMI CTA/FIR HAVANA CTA/FIR -- MIAMI CTA/FIR

Aircraft on IFR flight plans entering the Miami CTA/FIR at FL240 and above from the Havana CTA/FIR are requested to establish communication with Miami Oceanic CTA/FIR boundary (Long. 2400N) on the frequencies listed below for airways/direct routes:

- between 8100W–8300W 132.2 VHF/323.1 UHF
- between 8000W–8100W 124.7 VHF/323.0 UHF
- between 7810W–8000W 126.32 VHF/381.45 UHF
- between 7810W–Southeast to 2200N/7500 W 127.22 VHF/239.02 UHF

Aircraft on IFR flight plans entering the Miami CTA/FIR below FL240 from the Havana CTA/FIR are requested to establish communication with Miami ARTCC 10 minutes prior to the Miami Oceanic CTA/FIR boundary (Long. 2400N) on the frequencies listed below:

- B646 & G765 – 132.2 VHF/323.1 UHF
- B503 – 127.22 VHF/239.02 UHF

G437 – 125.7 VHF/307.9 UHF

A301 & R628 – 135.6 VHF/269.05 UHF.

G448 & UL471 – 124.75 VHF/296.7UHF

NOTE–

This information should appear on all applicable Domestic and Latin American High/Low En Route Charts.

RADAR SEPARATION

Miami ARTCC and Havana Center. Aircraft predominantly use radar procedures. High altitude aircraft should anticipate radar services. Aircraft must contact Miami ARTCC 10 minutes prior to reaching the Miami CTA/FIR boundary, regardless of the type of service being provided.

Miami ARTCC utilizes secondary radar systems from antennas located on the island of Grand Turk, Great Exuma Island and Nassau in the Bahamas. IFR aircraft within 200 NM of the antenna above FL130 can expect radar separation from other IFR aircraft. Radar service may be provided below FL130 by Miami Center to those participating aircraft within the antenna coverage.

Redundancy in radar coverage occurs above FL240, from the Tamiami radar antenna in South Florida, through the Bahamas and Turks & Caicos Island, to the radar systems in Puerto Rico.

There is no primary radar data or weather information available from the Grand Turk, Great Exuma and Nassau radar systems. Since radar separation is dependent upon the receipt of transponder returns, all aircraft within antenna coverage of either system are required to squawk transponder codes as assigned by ATC, or, if none assigned, squawk the appropriate stratum code.

Aircraft departing and overflying the Santo Domingo and Port Au Prince FIRs that will enter Miami ARTCC FIR can expect ATC assigned codes from those agencies. If a code is not assigned by either Santo Domingo or Port Au Prince, pilots should request a code. The assigned codes should be squawked prior to crossing the Miami CTA/FIR boundary north or west bound. Initial call up to Miami Center prior to crossing the CTA/FIR boundary will permit early radar identification. Radar flight following of VFR aircraft is available on a workload permitting basis. The primary ATC frequency is as follows: Grand Turk area 132.3 and 307.2 or secondary is 135.2 and 327.0; Great Exuma area 127.22 and 239.02 and Nassau are 125.7 and 307.9.

Aircraft on IFR flight plan entering Miami CTA/FIR from Port Au Prince or Santo Domingo CTA/FIR contact Miami ARTCC at least 10 minutes prior to reaching Miami CTA/FIR boundary. (FAA)

FLIGHT PLANNING INTO OR THROUGH THE MIAMI CTA/FIR AND SAN JUAN CTA/FIRs

In an effort to eliminate erroneous or duplicate flight plans (FPLs) that may be received from various filers, and to increase the safety of flight within the Miami and San Juan CTA/FIRs, operators must adhere to the following procedures when filing flight plans for flights originating in foreign aerodromes and entering the United States National Airspace System:

- a. All FPL amendments (CHG message) to an IFR flight must be submitted as soon as possible to the Air Traffic Service unit having authority for the departure aerodrome.
- b. A Cancel (CNL) messages must be sent PRIOR to resubmitting a new FPL for the same flight..

These references are contained in ICAO DOC 4444 and FAAO 7210.3, *Facility Operation and Administration*. Operators should be aware that failure to adhere to these procedures could result in an operational delay or pilot deviation.

If you have any questions, please do not hesitate to call the Miami Center Flight Data at 1650/1731/1648. (ZMA 8/1/13)

**SPECIAL NOTICE --INSPECTION OF MEANS OF CONVEYANCE
FOR AIRCRAFT MOVING TO GUAM**

Inspection of aircraft moving to Guam. Any person who has moved an aircraft from Puerto Rico or the Virgin Islands of the United States to Guam shall contact an inspector and offer the inspector the opportunity to inspect the aircraft upon the aircraft’s arrival in Guam, unless the aircraft has been inspected and cleared in Puerto Rico or the Virgin Islands prior to departure in accordance with arrangements between the operator of the aircraft, the Animal and Plant Health Inspection Service, and the government of Guam.

(USDA Regulation 318.58-9)

Gulf of Mexico---Houston and Miami Oceanic CTA/FIR Boundaries

Effective 16 February 2006, the following Houston (ZHU) and Miami (ZMA) Oceanic CTA/FIR boundaries were amended:

Beginning at the current Houston Oceanic CTA/FIR boundary at:

	24-00-00N	086-00-00W to
#	24-00-00N	084-59-59W (common ZMA CTA/FIR) to
#	25-02-01N	084-59-59W (common ZMA CTA/FIR) to
#	26-12-00N	085-05-30W (common ZMA CTA/FIR) to
#	26-36-10N	085-24-50W (common ZMA CTA/FIR) to
#	27-00-00N	086-00-00W (common ZMA CTA/FIR and ZJX ARTCC) to
#	27-14-29N	086-49-02W (common ZJX ARTCC) to
	27-30-00N	087-41-00W (common ZJX ARTCC) thence along the current boundary

Beginning at the current Miami Oceanic CTA/FIR boundary at:

	24-00-00N	083-10-00W (common ZMA ARTCC) to
#	24-00-00N	084-59-59W (common ZHU CTA/FIR) to
#	25-02-01N	084-59-59W (common ZHU CTA/FIR) to
#	26-12-00N	085-05-30W (common ZHU CTA/FIR) to
#	26-36-10N	085-24-50W (common ZHU CTA/FIR) to
#	27-00-00N	086-00-00W (common ZHU CTA/FIR and ZJX ARTCC) to
#	27-15-14N	085-37-20W (common ZJX ARTCC) to
#	27-30-00N	085-15-00W (common ZJX ARTCC) to
	27-30-00N	084-30-00W (common ZMA ARTCC) to
	24-38-38N	083-14-26W (common ZMA ARTCC) to the point of beginning

(AJE-32, 2/17/06)

**ARCTIC 50 NM LATERAL SEPARATION AND PERFORMANCE BASED
NAVIGATION**

OPERATIONAL POLICY AND PROCEDURES

Introduction. Since November 2010, the FAA has applied a 50 Nautical Mile (NM) lateral separation standard between aircraft authorized Required Navigation Performance 10 (RNP 10) or RNP 4 and operating in the Anchorage Arctic Flight Information Region (FIR). This FAA Notice provides operators and State authorities with the applicable operational policies and procedures.

Background. 50 NM lateral separation was first applied between RNP 10 aircraft operating on the North Pacific Route System in April 1998 and expanded to the Anchorage FIR in August 1998. Since that time, 50 NM lateral separation has been expanded throughout the Pacific Flight Information Regions (FIR) and been applied in other airspace, including, in June 2008, the West Atlantic Route System. The Arctic 50 NM lateral separation initiative is applying the experience gained in those operations.

Project Objectives. The project objectives are:

- Reduce lateral separation from 90 NM to 50 NM between aircraft authorized RNP 10 and/or RNP 4.
- Have approximately 90% of Arctic flights conducted by operators/aircraft that have been authorized RNP 10 or RNP 4 by the appropriate State (country) authority.
- Accommodate operation of the small percentage of flights not meeting the RNP 10 minimum requirement.

Control Area (CTA) Affected. The Anchorage Arctic FIR is that airspace bounded by: 90N 141W, 72N 141W, 72N 158W, 68N 168 58 23W, 90N 168 58 23W. The vertical boundaries are: flight level (FL) FL230 to FL600 inclusive.

Note: NAV CANADA applies 50 NM lateral separation between aircraft authorized RNP 10 or RNP 4 in the Edmonton FIR/CTA. The FAA and NAV CANADA have coordinated to enable harmonized policies to be applied.

Flight Plan Entries for RNP 10 and RNP 4 Aircraft. Paragraph 7 (Flight Plan Requirements) provides information on flight plan entries for RNP 10 and RNP 4 aircraft.

Table of Contents. The following is a list of the major paragraphs that follow:

1. Arctic 50 NM Lateral Separation/Performance-based Navigation (PBN): Policy, Procedures and Guidance for Operators and Regulators
2. Lateral Separation Standards To Be Applied
3. Operation In Areas or On Routes Within Arctic CTAs Not Requiring RNP 10 or RNP 4 Authorization
4. Provisions For Accommodation of NonRNP10 Aircraft (Aircraft Not Authorized RNP 10 or RNP 4)
5. Operator Action
6. RNP 10 or RNP 4 Authorization: Policy and Procedures for Aircraft and Operators
7. Flight Planning Requirements
8. Pilot and Dispatcher Procedures: Basic and In-flight Contingency Procedures
9. Contacts for Questions
10. FAA Project Leads

OPERATIONAL POLICY AND PROCEDURES

1. **Arctic 50-lateral/PBN Webpage: Policy, Procedures and Guidance For Operators and Regulators.** Information on plans for 50 NM lateral separation and PBN is posted on the Pacific Resource Guide for U.S. Operators available at:

www.faa.gov/about/office_org/headquarters_offices/avs/afs/afs400/afs470/media/Pacific.pdf

The Resource Guide contains detailed guidance on operator and aircraft authorization for RNP 10 or RNP 4 including Job Aids with references to FAA and ICAO documents.

2. Lateral Separation Standards To Be Applied.

- 50 NM lateral separation will be applied in the Anchorage Arctic FIR between aircraft authorized RNP 10 and/or RNP 4.
- Within the Anchorage Arctic FIR the lateral separation standard applicable to aircraft not authorized RNP 10 and/or RNP 4 is 90 NM.
- Policies for application of other lateral separation standards in airspace outside the Anchorage Arctic FIR will not be affected.

3. Operation On Routes Within the Anchorage Arctic FIR Not Requiring RNP 10 or RNP 4 Authorization. Operation on certain routes that fall within the boundaries of Anchorage Arctic FIR is not affected by the introduction of RNP 10 and 50 NM lateral separation. Operation on the following routes is not affected:

- a. Northern Control Area (NCA) Tracks and Laterals
- b. UPRs when not restricted by NOTAM

4. Provisions for Accommodation of NonRNP10 Aircraft (Aircraft Not Authorized RNP 10 or RNP 4). Operators of NonRNP10 aircraft shall follow the practices detailed in 4a and 4b below.

- a. Operators of non-RNP 10 aircraft shall annotate ICAO flight plan Item 18 as follows:

“RMK/NONRNP10” (**no space between letters and numbers**).

- b. Pilots of non-RNP 10 aircraft that are flight planned to operate or are operating in the Anchorage Arctic FIR shall report the lack of authorization by stating “**Negative RNP 10**”:

- on initial call to ATC and...
- in read back of clearance to descend from FL 410 and above. (See paragraph 4e below).
- if approval status is requested by the controller. (See paragraph 8g below).

- c. Operators of non-RNP 10 aircraft shall **not** annotate ICAO flight plan Item 18 (Other Information) with “NAV/RNP10” or “NAV/RNP4”, as shown in paragraph 7, if they have **not** obtained RNP 10 or RNP 4 **authorization**.

- d. NonRNP10 operators/aircraft can file any route at any altitude in the Anchorage Arctic FIR. They will be cleared to operate on their preferred routes and altitudes as traffic permits. 50 NM lateral separation will not be applied to non-RNP 10 aircraft.

- e. NonRNP10 aircraft retain the option of climbing to operate at altitudes above those where traffic is most dense (i.e., at/above FL 410). To minimize the chance of conflict with aircraft on adjacent routes, NonRNP10 aircraft should plan on completing their climb to or descent from higher FLs within radar coverage.

- g. All aircraft can enhance their opportunity to be cleared on their preferred route and altitude if they operate at non-peak hours, approximately 0500 to 1700 UTC.

5. Operator Action. In order to maximize operational flexibility provided by 50 NM lateral separation, operators capable of meeting RNP 10 or RNP 4 that operate on oceanic routes or areas in the Anchorage Arctic FIR should obtain authorization for RNP 10 or RNP 4 and annotate the ICAO flight plan accordingly.

6. RNP 10 or RNP 4 Authorization: Policy and Procedures For Aircraft and Operators

a. In accordance with ICAO guidance, RNP 10 and RNP 4 are the only navigation specifications (NavSpecs) applicable to oceanic and remote area operations. (See note below). Other RNAV and RNP NavSpecs are applicable to continental en route, terminal area and approach operations.

Note: “RNP navigation specification” (e.g., RNP 10) is the term adopted in the ICAO Performance-based Navigation (PBN) Manual (Doc 9613). It replaces the term “RNP type”.

b. **Responsible State Authority (ICAO Guidance).** The following is ICAO guidance on the State authority responsible for authorizations such as RNP 10, RNP 4 and RVSM.

- International Commercial Operators. The State of Registry makes the determination that the aircraft meets the applicable RNP requirements. The State of Operator issues operating authority (e.g., Operations Specifications (OpSpecs)).
- International General Aviation (IGA) Operators. The State of Registry makes the determination that aircraft meets the applicable RNP requirements and issues operating authority (e.g., Letter of Authorization (LOA)).

c. **FAA Documents.** The guidance and direction of FAA Order 8400.12 (as amended) (RNP 10 Operational Authorization) will be used to grant RNP 10 authorization to operators and aircraft for which the FAA is responsible. FAA Order 8400.33 (as amended) (Procedures For Obtaining Authorization For RNP 4 Oceanic/Remote Area Operations) will be used to authorize RNP 4. The FAA RNP 10 and RNP 4 orders are consistent with the ICAO PBN Manual guidance discussed below. FAA and ICAO documents are accessible through the Pacific Resource Guide.

d. **ICAO PBN Manual (ICAO Doc 9613).** In a letter to States dated 27 April 2007, ICAO urged States to use the ICAO *Performance Based Navigation (PBN) Manual* to establish approval policies and processes for RNP and RNAV operations. RNP 10 guidance is provided in Volume II, Part B; Chapter 1. RNP 4 guidance is in Volume II, Part C; Chapter 1.

e. **RNP 10 and RNP 4 Job Aids.** Operators and authorities should use the RNP 10 or RNP 4 Job Aids posted on the Arctic 50-lateral/PBN Reduction Webpage. These Job Aids address the operational and airworthiness elements of aircraft and operator authorization and provide references to appropriate documents. The Job Aids provide a method for operators to develop and authorities to track the operator/aircraft program elements required for RNP 10 or RNP 4 authorization.

f. **Requirement For Equipage With At Least Two Long-Range Navigation Systems (LRNS) Meeting RNP 10 or RNP 4 Standards.**

Note: see paragraph 8b for policy on LRNS failure or malfunction enroute.

g. **RNP 10 Time Limit For INS or IRU Only Equipped Aircraft.** Operators should review their Airplane Flight Manual (AFM), AFM Supplement or other appropriate documents and/or contact the airplane or avionics manufacturer to determine the RNP 10 time limit applicable to their aircraft. They will then need to determine its effect, if any, on their operation. Unless otherwise approved, the basic RNP 10 time limit is 6.2 hours between position updates for aircraft on which Inertial Navigation Systems (INS) or Inertial Reference Units (IRU) provide the only source of long range navigation. **Extended**

RNP 10 time limits of 10 hours and greater are already approved for many IRU systems. See paragraph 13d of FAA 8400.12 for information concerning extending time limits

7. **Flight Planning Requirements.** Operators shall make ICAO flight plan annotations in accordance with this paragraph **and**, if applicable, paragraph 4.

a. ICAO flight plans shall be filed for operation on oceanic routes and areas in the Arctic CTAs.

b. To inform ATC that they have obtained RNP 10 or RNP 4 authorization and are eligible for 50 NM lateral separation, operators shall:

(1) annotate ICAO Flight Plan Item 10a (Equipment) with the letter “R” and...

(2) annotate Item 18 (Other Information) with, as appropriate, “PBN/A1” for RNP 10 aircraft or “PBN/L1” for RNP 4 aircraft (**no space between letters and numbers**). (“PBN” is the acronym for “Performance-based Navigation”).

c. 50 NM lateral separation will only be applied to operators/aircraft that annotate the ICAO flight plan in accordance with this policy. See 7b (1)(2) above.

d. Operators that have not obtained RNP 10 or RNP 4 authorization shall not annotate ICAO flight plan Item 18 (Other information) with “PBN/A1” or “PBN/L1”, but shall follow the practices detailed in paragraph 4 of this notice.

e. **Filing to Show Domestic U.S. RNAV Capabilities.** The FAA program to enhance operators’ capability to communicate their domestic U.S. RNAV capabilities to ATC has been in place since 2008. Detailed instructions are available on the following web page: <http://www.faa.gov/ato?k=fpl>

8. **Pilot and Dispatcher Procedures: Basic and In-flight Contingency Procedures**

a. **Basic Pilot Procedures.** The RNP 10 and RNP 4 Job Aids contain references to pilot and, if applicable, dispatcher procedures contained in:

- FAA Order 8400.12B (RNP 10), Appendix D (Training Programs and Operating Practices and Procedures)
- FAA Order 8400.33 (RNP 4): paragraph 9 (Operational Requirements) and paragraph 10 (Training Programs, Operating Practices and Procedures)
- ICAO PBN Manual, Volume II, Part B, Chapter 1 (RNP 10)
- ICAO PBN Manual, Volume II, Part C, Chapter 1 (RNP 4)

b. **LRNS Failure or Malfunction On Arctic Oceanic Routes or Areas Where 50 NM Lateral Separation Is Applied.** The FAA Alaska Supplement provides guidance for situations where an aircraft experiences a LRNS failure or malfunction. See “**Partial or Complete Loss of Navigation Capability**” in Section C of the supplement. This paragraph is also available on the Pacific Resource Guide.

c. **In-flight Contingency Procedures (e.g., Rapid Descent, Turn-back, Diversion).** In-flight contingency procedures for oceanic airspace published in Chapter 15 of ICAO Document 4444 apply. The full text of the in-flight contingency procedures is published in the U.S. AIP, and accessible through the Pacific Resource Guide.

d. **Strategic Lateral Offset Procedures (SLOP).** Pilots should use SLOP procedures in the course of regular oceanic operations. SLOP procedures are published in FAA Notices, available on the Pacific Resource Guide and published on ICAO Document 4444. SLOP is addressed in the RNP 10 and RNP 4 Job Aids.

e. **Pilot Report of NonRNP10 Status.** The pilot shall report the lack of RNP 10 or RNP 4 status in accordance with the following:

- when the operator/aircraft is not authorized RNP 10 or RNP 4. **See paragraph 4.**
- if approval status is requested by the controller in accordance with paragraph 8f below.

f. **Pilot Statement of RNP 10 or RNP 4 Approval Status, If Requested.** If requested by the controller, the pilot shall communicate approval status using the following phraseology:

Controller Request	Pilot Response
(call sign) confirm RNP 10 or 4 approved	“Affirm RNP 10 approved” or “Affirm RNP 4 approved”, as appropriate, or... “Negative RNP 10” (See paragraph 4 for NonRNP10 aircraft procedures).

9. **Contacts For Questions.** If there are questions or requests, one of the following may be contacted and a response will be coordinated with the appropriate FAA subject matter expert, if necessary:

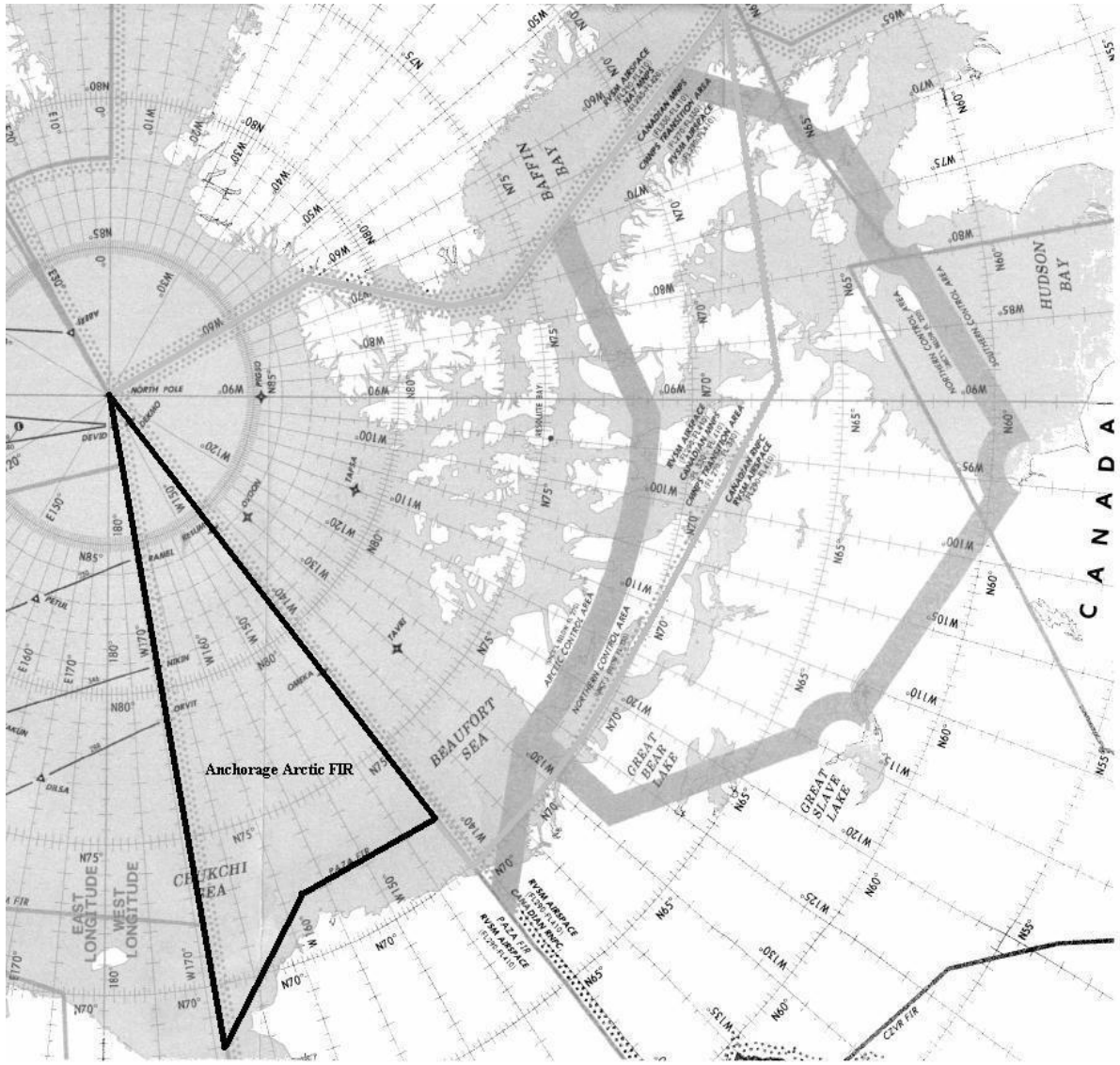
Steven Pinkerton	FAA Oceanic and Offshore Operations (AJV-824)	+1 202-385-8384	Steven.Pinkerton@faa.gov
Steve Smoot	FAA Support, CSSI, Inc.	+1 202-863-0865	SSmoot@cssiinc.com ;
Roy Grimes	FAA Support, CSSI, Inc.	+1 202-863-3692	RGrimes@cssiinc.com

10. **FAA Project Leads.** The FAA project leads are:

Steven Pinkerton (Project Lead)	Oceanic and Offshore Operations (AJV-824)	+1 202-385-8384	Steven.Pinkerton@faa.gov
Trent Bigler	Flight Standards Service, Flight Technologies & Procedures Division (AFS-400)	+1202-267-8844	Trent.Bigler@faa.gov
Dale Livingston	ATO Separation Standards Analysis Group (AJP-7141)	+1 609-485-6603	Dale.Livingston@faa.gov

(AJE-32, 10/18/12)

Artic 50 – Lateral Notice – Graphic



Part 4.

GRAPHIC NOTICES



Section 1. General

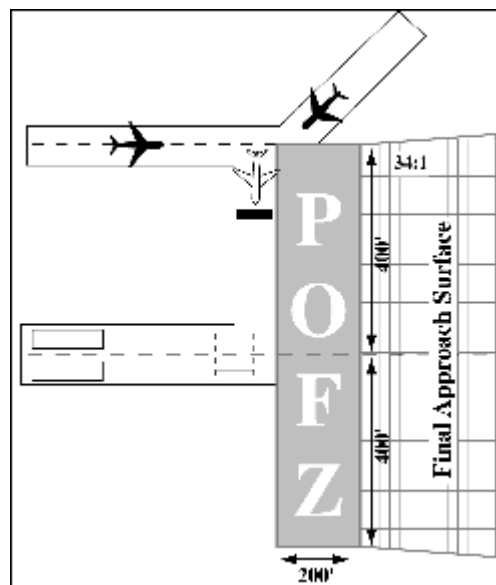
Precision Object Free Zone

The Precision Object Free Zone (POFZ) is a volume of airspace above an area beginning at the runway threshold, at the threshold elevation, and centered on the extended runway centerline. The standard POFZ is 200 feet (60 meters) long and 800 feet (240 meters) wide. The POFZ must be kept clear when an aircraft on a vertically guided final approach is within two nautical miles (NM) of the runway threshold and the reported ceiling is below 250 feet and/or visibility less than $\frac{3}{4}$ statute miles (SM) (or runway visual range below 4,000 feet). The POFZ is considered clear even if the wing of the aircraft holding on a taxiway waiting for runway clearance penetrates the POFZ; however, neither the fuselage nor the tail may infringe on the POFZ. See Figure 1.

For approaching aircraft, in the event that a taxiing/parked aircraft or vehicle is not clear of the POFZ, air traffic control will provide advisories to the approaching aircraft regarding the position of the offending aircraft/vehicle. In this case the pilot of the approaching aircraft must decide to continue or abort the approach. When the reported ceiling is below 800 feet or visibility less than two SM, departing aircraft must do the following. When there is an air traffic control tower (ATCT) in operation, plan to hold at the ILS hold line and hold as directed by air traffic control. When there is no operating ATCT, honor the ILS hold line and do not taxi into position and takeoff if there is an approaching aircraft within 2 NM of the runway threshold.

Fig. 1

Precision Obstacle Free Zone (POFZ)



(AFS-400 10/30/06)

Altitude and Speed Constraints Published on Area Navigation (RNAV) Procedures

Purpose: To emphasize that separation and sequencing of airplanes by air traffic control (ATC) depends on uniform performance by pilots with respect to published mandatory (not “expect”) altitude and speed constraints, especially when conducting RNAV procedures.

Background: Adherence to published altitude and speed constraints is essential in conducting conventional (non-RNAV) procedures. But adherence has taken on additional importance with the widespread implementation of RNAV procedures, which generally involve more constraints. Published constraints are shown on charts and may be amended by Notices to Airmen (NOTAMs).

Discussion: ATC clears pilots to fly departure, arrival, and approach procedures using phraseology such as “join”, “resume”, “proceed via”, “descend via”, and “climb via.” Pending more explicit language to be included in an upcoming revision to the Aeronautical Information Manual (AIM) pilots should understand the following key points regarding published altitude and speed constraints in order to fully comply with the intent of ATC clearances.

1. Cancellation of Constraints.

- **Altitude Constraints.** Cancellation of one or more altitude restrictions will normally include the use of “maintain” and/or “except” phraseology, which *does not* cancel published speed constraints associated with the procedure.
- **Speed Constraints.** Cancellation of published speed constraints will be indicated by the use of “speed your discretion” or “cancel speed restriction(s)/constraint(s)” phraseology. The use of “except” phraseology may also be used, for example, “except cross MAVVS at 250 knots.”

2. Resume Normal Speed. The phraseology “resume normal speed” *does not* cancel published speed constraints; rather, per Air Traffic Order 7110.65, Air Traffic Control, it cancels speed constraints previously issued by ATC and returns the aircraft to the published speed for the procedure.

3. Speeds between Waypoints with Published Speed Constraints.

- **Departure and Missed Approach Procedures.** Pilots should not exceed the published speed associated with a waypoint until passing that waypoint.
- **Arrival and Instrument Approach Procedures (Excluding Missed Approach Procedures).** Pilots should plan to cross waypoints with a published speed restriction in accordance with the published speed and should not exceed this speed after passing the associated waypoint unless authorized by ATC or published note to do so.
- **Departure and Missed Approach Procedures.** Pilots should not exceed the published speed associated with a waypoint until passing that waypoint.
- **Arrival and Instrument Approach Procedures (Excluding Missed Approach Procedures).** Pilots should plan to cross waypoints with a published speed restriction in accordance with the published speed and should not exceed this speed after passing the associated waypoint unless authorized by ATC or published note to do so.

AREA NAVIGATION FLIGHT PLAN FILING REQUIREMENTS

Area Navigation (RNAV) Preferential Route Assignment Overview: Effective **June 29, 2008**, FAA will implement a change to all Air Route Traffic Control Center (ARTCC) Host automation systems to automatically assign RNAV preferential Standard Terminal Arrival (STAR), Standard Instrument Departure (SID) or Point to Point (PTP) routes based on the equipment capability filed in ICAO FPL Item 10 (Equipment) and an RNAV value specified by the user in ICAO FPL Item 18 (Other Information). The Host currently makes this assignment based on the aircraft navigation equipment suffix found in the National Airspace System (NAS) FP block 3, or derived from the ICAO FPL and translated into the NAS suffix by the Host. The change to use ICAO FPL processing is being effected as a risk reduction measure for implementation of the En Route Automation Modernization (ERAM) system commencing in October 2008. Subsequent to **June 29, 2008**, users filing the NAS FP will no longer be guaranteed assignment of RNAV STAR, SID or PTP procedures. Once the change is implemented, users who file a NAS FP will be eligible for the automated assignment of conventional procedures only.

En Route Automation Modernization (ERAM): ERAM is the largest NAS equipment replacement program in FAA history, replacing legacy Host computer processing systems at 20 Air Route Traffic Control Centers (ARTCC). The first operational use of ERAM is scheduled for October 2008 at the Salt Lake City ARTCC. The implementation schedule for all ARTCC systems will extend through December 2009. Once complete, ERAM will make the U.S. NAS ARTCC automation system ICAO compatible. ERAM will also automatically assign preferential routes using the ICAO FPL Item 10 (Equipment) and the RNAV value specified in ICAO FPL Item 18 (Other Information) as discussed above.

Sources of Additional Information: The FAA has established a website to assist users in effecting this change to flight plan filing procedures. The website is available at <http://www.faa.gov/ato?k=fpl>. The site contains several areas, including General Information, Filing Instructions and Frequently Asked Questions (FAQ). Points of contact within the FAA regarding this change are listed in the FAQ section.

Filing Requirements for Assignment of Area Navigation (RNAV) Routes: This section provides guidance on information required by FAA for automatic assignment of RNAV STAR, SID and/or PTP routes. RNAV capability in the domestic U.S. is defined as:

- RNAV 1 and/or RNAV 2 capability per Advisory Circular (AC) 90-100A, U.S. Terminal and En Route Area Navigation (RNAV) Operations, is required for assignment of RNAV SIDs and STARs (RNAV 1). The en route capability requirement is RNAV 2.
- Point to Point (PTP) capability per AC 90-45A, Approval of Area Navigation Systems for Use in the U.S. National Airspace System.

Effective June 29, 2008: Users must file in accordance with FAA Form 7233-4 for automatic assignment of RNAV SIDs, STARs and/or PTP routes in U.S. domestic airspace and include additional information per the below guidance:

1. For RNAV 1 and/or RNAV 2 capable flights:

- **Item 10, Equipment** – In addition to identifying all available and serviceable communication, navigation, approach aid and surveillance equipment carried, **insert the character “Z”**.

• **Item 18, Other Information** – Insert “NAV/RNV” followed by the appropriate RNAV accuracy value(s) per the following:

- a. To be assigned an RNAV 1 SID, **insert the characters “D1”**.
- b. To be assigned an RNAV 1 STAR, **insert the characters “A1”**.
- c. To be assigned en route extensions and/or RNAV PTP, **insert the characters “E2”**.

Examples:

NAV/RNVD1
NAV/RNVA1
NAV/RNVE2
NAV/RNVD1A1
NAV/RNVD1E2A1

2. Flights RNAV PTP capable but not RNAV 1 and/or RNAV 2 capable:

• **Item 10, Equipment** – In addition to identifying all available and serviceable communication, navigation, approach aid and surveillance equipment carried, **insert the character “Z”**.

• **Item 18, Other Information** – Insert “RMK/PTP” and “NAV/RNVE99”

Example: RMK/PTP NAV/RNVE99

3. Special Notes:

a. The following variations will be accepted in Host/ERAM for automatic assignment of RNAV routes:

– One or more spaces may follow “NAV/”.

Example:

NAV/ RNVD1A1

– The “D”, “E” and “A” characters may appear in any order following “NAV/RNV”.

Examples:

NAV/RNVD1A1E2
NAV/RNVA1D1E2

– Additional items required by other automation systems may be filed after NAV/, in any order.

Examples:

NAV/RNP10 RNVD1E2A1
NAV/RNVD1E2A1 RNP4
NAV/RNAV1 RNAV5 RNVD1E2A1

b. When the Item 18 entries following “NAV/” **do not follow the above instructions**, the flight plan may be accepted by Host/ERAM but **RNAV routes will not be automatically assigned**. Common errors include:

– Putting spaces between RNV, D1, A1 and/or E2 – **no spaces are allowed between the segments**.

– Filing “RNAV” instead of “RNV” – RNAV is not acceptable in the U.S. domestic string after “NAV/”

(AJV-14 1/17/08)

Operation on U.S. Area Navigation (RNAV) Routes, Standard Terminal Arrivals, and Departure Procedures

Background: Advisory Circular (AC) 90-100A, *U.S. Terminal and En Route Area Navigation (RNAV) Operations*, provides guidance for operation on Area Navigation (RNAV) terminal procedures and routes. It also reflects ICAO Performance Based Navigation (PBN) Manual guidance for RNAV 1 and RNAV 2 operations, as well as lessons learned from the initial implementation of US RNAV terminal procedures and routes.

Applicability: AC 90-100A applies to U.S. RNAV routes (Q-routes and Tango routes), Departure Procedures (Obstacle Departure Procedures and Standard Instrument Departures), and Standard Terminal Arrivals (STARs). It does not apply to overwater RNAV routes (ref 14 CFR 91.511, including the Q-routes in the Gulf of Mexico and the Atlantic routes) or Alaska VOR/DME RNAV routes ("JxxxR"). It does not apply to off-route RNAV operations.

List of Compliant Equipment: In developing AC 90-100A, industry and the FAA defined the minimum criteria for RNAV systems to operate on RNAV routes and procedures. Manufacturers evaluate their systems against these criteria and the FAA maintains a current list of compliant equipment, along with AC 90-100A, on the FAA Flight Standards Service, Flight Technologies and Procedures Division, Performance-based Operations Branch (AFS-470) website :

http://www.faa.gov/about/office_org/headquarters_offices/avs/offices/afs/afs400/afs470/media/AC90-100compliance.xls

From this list, pilots and operators can confirm the capability of their equipment without additional airworthiness documentation, or obtain information from the relevant manufacturer. RNAV systems incorporating GPS and DME/DME positioning, but not complying with the criteria for DME/DME-based RNAV, may receive RNAV eligibility based solely on GPS.

Database Integrity: Navigation databases should be obtained from a database supplier holding an FAA Letter of Acceptance (LOA) in accordance with AC 20-153. This LOA provides recognition of a data supplier's compliance with the data quality, integrity and quality management practices of RTCA DO-200A, Standards for Processing Aeronautical Data. The operator's supplier (e.g., Flight Management System (FMS) manufacturer) must have a Type 2 LOA. AC 20-153 contains procedures for database LOAs.

GPS RAIM Prediction: As described in AC 90-100A, paragraph 10.a.(5), if TSO-C129() equipment is used to solely satisfy the RNAV requirement, GPS RAIM availability must be confirmed for the intended route of flight (route and time) using current GPS satellite information. The availability of Space Based Augmentation System (SBAS) or Airborne Based Augmentation System (ABAS) fault detection can be determined through NOTAMs (if available) or through prediction for the intended RNAV 1 or RNAV 2 operation.

NOTE: For multi-sensor aircraft with operating GPS and DME/DME/IRU positioning, a RAIM check is not required as long as critical DME's are functioning normally.

Operators may satisfy the predictive RAIM requirement through any one of the following methods:

1. Operators may monitor the status of each satellite in its plane/slot position, by accounting for the latest GPS constellation status (e.g., NOTAMs or NANUs), and compute RAIM availability using model-specific RAIM prediction software; or,
2. Operators may use the Service Availability Prediction Tool (SAPT) on the FAA en route and terminal RAIM prediction website; or,
3. Operators may contact a Flight Service Station (not DUATS) to obtain non-precision approach RAIM; or,
4. Operators may use a third party interface, incorporating FAA/VOLPE RAIM prediction data without altering performance values, to predict RAIM outages for the aircraft's predicted flight path and times; or,
5. Operators may use the receiver's installed RAIM prediction capability (for TSO-C129a/Class A1/B1/C1 equipment) to provide non-precision approach RAIM, accounting for the latest GPS constellation status (e.g., NOTAMs or NANUs). Receiver non-precision approach RAIM should be checked at airports spaced at intervals not to exceed 60 NM along the RNAV 1 procedures flight track. Terminal or Approach RAIM must be available at the ETA over each airport checked; or,
6. Operators not using model-specific software or FAA/VOLPE RAIM data will need FAA operational approval.

In the event of a predicted, continuous loss of RAIM of more than five (5) minutes for any part of the intended flight, the flight should be delayed, canceled, or re-routed where RAIM requirements can be met. Pilots should assess their capability to navigate (potentially to an alternate destination) in case of failure of GPS navigation.

If TSO-C145/C146 equipment is used to satisfy the RNAV requirement, the pilot/operator need not perform the prediction if WAAS coverage is confirmed to be available along the entire route of flight.

NOTE: Outside the U.S. or in areas where WAAS coverage is not available, operators using TSO-C145/C146 receivers are required to check GPS RAIM availability.

The current RAIM prediction website is graphic-based and the FAA is developing automation improvements to this prediction service.

NOTE: Until September 27, 2009, a RAIM prediction does not need to be done for any RNAV route conducted where ATC provides radar monitoring or RNAV departure/arrival procedure that has an associated "RADAR REQUIRED" note charted. On September 28, 2009, operators filing RNAV 2 routes (Q and T), RNAV 1 STARs, and RNAV 1 DP's will need to perform a RAIM prediction as part of their preflight planning. (Performance Based Flight Systems Branch, 7/22/09)

REDUCED VERTICAL SEPARATION MINIMUM (RVSM) MONITORING REQUIREMENTS

BACKGROUND

1. The height-keeping performance of aircraft is a key element in ensuring the safe operations of RVSM airspace. The RVSM monitoring standards established in paragraph 3 are considered the minimum requirement needed to maintain the safety of operations in RVSM designated airspace.

2. In conjunction with internationally agreed upon changes to ICAO Annex 6, Operation of Aircraft, Parts I & II, applicable on 18 November 2010, the following standard and recommended practice was adopted by ICAO:

Operators that have been issued an U.S. RVSM approval shall ensure that a minimum of two airplanes of each [RVSM] aircraft type grouping of the operator have their height-keeping performance monitored, at least once every two years or within intervals of 1,000 flight hours per airplane, whichever period is longer. If an operator aircraft type grouping consists of a single airplane, monitoring of that airplane shall be accomplished within the specified period.

RVSM LONG TERM MONITORING REQUIREMENTS

1. The Federal Aviation Administration will implement the standard above for RVSM Monitoring requirements. Operators that have been issued an U.S. RVSM authorization will be required to conduct initial monitoring within six months of date of issue and must conduct monitoring every two years or within intervals of 1,000 flight hours per aircraft, whichever period is longer, in accordance with the aircraft categories as presented in the current version of the (North American) RVSM Minimum Monitoring Requirements chart.

2. The RVSM Minimum Monitoring Requirements chart is coordinated with the North American Approvals Registry and Monitoring Organization (NAARMO) and updated periodically to reflect changes in aircraft data. The RVSM Minimum Monitoring Requirements Chart is posted to the FAA RVSM Webpage in documentation section “Monitoring Requirements/Procedures”.

EFFECTIVE DATE

1. The Monitoring requirements become applicable on 18 May 2011 and operators have until 18 Nov 2012 to comply.

COMPLIANCE

1. Operators found not in compliance will be required to show reason for not meeting the requirements including flight hour data to justify the 1000 flight hour provision if last successful monitoring exceeds a two year period.

2. Operators found not in compliance with the minimum monitoring requirements risk suspension of their RVSM authorization. Reinstatement of RVSM authorization will be granted upon the operator demonstrating they have met the minimum monitoring requirements.

REFERENCES:

14 CFR 91.706, Operation within airspace designed as Reduced Vertical Separation

14 CFR Appendix G to Part 91, Section 3, Operations in Reduced Vertical Separation Minimum (RVSM) Airspace

14 CFR 91.180, Operations within airspace designated as Reduced Vertical Separation Minimum airspace

ICAO ANNEX 6, Parts I and II (7.27 and 2.5.27 respectively), Operation of Aircraft

ICAO ANNEX 11, 3.3.5.1 –3.3.5.2, Air Traffic Services

FAA Advisory Circular 91–85, Reduced Vertical Separation Minimum (RVSM) Authorizations

POINTS OF CONTACT

1. Information concerning the FAA implementation will be posted to the RVSM Webpage at: http://www.faa.gov/about/office_org/headquarters_offices/ato/service_units/enroute/rvsm/documentation/#req under the RVSM Documentation section titled: Monitoring Requirements / Procedures

2. For questions or concerns regarding the new changes, the following points of contacts for the FAA have been established below:

Steve Smoot
FAA Support, Flight Standards, CSSI, Inc.
+ 1 202–863–0865

Stephanie Beritsky
FAA Support, FAA Technical Center, CSSI, Inc.
+ 609–485–7851

Madison Walton
FAA Flight Standards Service, AFS–470
+ 202–385–4596

Climb/Descend Via and Speed Adjustment Clearances

Effective Date: April 3, 2014

Purpose: Federal Aviation Administration (FAA) Air Traffic Control (ATC) will add “Climb Via” phraseology and procedures for departure operations consistent with existing “Descend Via” phraseology and procedures. Speed adjustment phraseology is also clarified.

Discussion: CLIMB and DESCEND VIA. Federal Aviation Administration (FAA) ATC will implement “Climb Via” phraseology and procedures for departure operations consistent with existing “Descend Via” phraseology and procedures in FAA Order 7110.65, *Air Traffic Control*. Both “Climb Via” and “Descend Via” will be added to the Pilot/Controller Glossary (PCG). Additionally, speed phraseology associated with “Climb Via” and “Descend Via” will be included in the PCG. Other than implementing use of “Climb Via”, there is no change in altitude clearance procedures.

“Climb Via” is an abbreviated ATC clearance that requires compliance with the procedure lateral path, associated speed restrictions, and altitude restrictions along the cleared route or procedure. It may be issued with the initial ATC departure clearance via voice or Pre-Departure Clearance (PDC); or given as an airborne clearance. The “top altitude” of the SID is the published or ATC assigned altitude limit until cleared to climb higher by ATC. The filed/expected altitude is not relevant, and has no bearing on the SID unless communications are lost between the pilot and ATC (14 CFR § 91.185). If ATC removes an aircraft from the lateral or vertical path of a SID then subsequently re-clears an aircraft with a “Climb Via” clearance, the pilot is required to comply with all published restrictions of the SID.

“Descend Via” is an abbreviated ATC clearance that requires compliance with a published procedure lateral path and associated speed restrictions, and provides a pilot-discretion descent to comply with published altitude restrictions. The “bottom altitude” on a STAR or STAR runway transition is the lowest published or ATC assigned altitude authorized and is not to be mistaken for the minimum en route altitude (MEA).

Pilot use of the complete, correct phraseology is imperative. Pilots shall respond to “Climb Via” or “Descend Via” clearances by repeating the clearance verbatim. Phrases such as “on the” or “descending on” a procedure are not acceptable and can create miscommunication and additional workload with unnecessary controller queries. When changing frequencies or on initial contact advise ATC of current altitude, “Climbing/Descending Via” procedure name, and runway transitions if assigned. If assigned an altitude or speed not contained on the SID/STAR, advise ATC of restrictions assigned by the prior controller.

Examples:

“Cactus Seven Eleven leaving two thousand climbing via the Laura Two departure.”

“Delta Fifty Eight climb via SID except cross MKALA at or above seven thousand.”

“American Seventy Six proceed direct ROCKR, cross ROCKR at or above one-zero thousand, climb via the Bizee Two departure.”

“United Thirty Five cleared to Johnston Airport, Scott One departure, JONEZ transition, Q-one forty five, climb via SID except maintain flight level one eight zero.”

“JetBlue Six Zero Two leaving flight level two one zero descending via the Ivane two arrival landing south.”

“Delta One Twenty One leaving flight level one niner zero, descending via the Eagul Five arrival runway two-six transition.”

Speed Assignment and Termination. Published speed restrictions are always mandatory. Published speeds must be complied with regardless of the use of a “Climb/Descend Via” clearance. ATC may issue speed adjustments with climb/descend via clearances. The term “resume published speed” is used to terminate ATC speed adjustments on routes where there are published speed restrictions. When ATC issues “resume normal speed”, this phraseology applies only to procedures or route segments where there are no published speed restrictions. Where published speed restrictions are no longer required, the phraseology used is “delete speed restrictions”. A Climb/Descend Via clearance cancels a previously assigned ATC speed restriction and all subsequent published speeds are mandatory.

ATC Instructions	Explanations
CLIMB VIA	An abbreviated ATC clearance that requires compliance with the procedure lateral path, associated speed restrictions and altitude restrictions along the cleared route or procedure. Subsequent issuance of a “maintain” clearance deletes published altitude restrictions.
DESCEND VIA	An abbreviated ATC clearance that requires compliance with a published procedure lateral path and associated speed restrictions and provides a pilot-discretion descent to comply with published altitude restrictions.
CLIMB/DESCEND AND MAINTAIN (altitude)	Pilot is expected to vacate current altitude and commence an unrestricted climb/descent to comply with the clearance. For aircraft already climbing via a SID, or descending via a STAR, published altitude restrictions are deleted unless reissued by ATC.
COMPLY WITH RESTRICTIONS	Requires aircraft joining or resuming a procedure to comply with published restrictions. May be used in lieu of reissuing individual restrictions.
RESUME PUBLISHED SPEED	Cancels ATC assigned speed restrictions. Pilot is expected to comply with speeds published on the SID/STAR.
RESUME NORMAL SPEED	Cancels ATC assigned speed restrictions and instructs pilot to return to normal aircraft speed where no speed restrictions are published. This does not relieve the pilot of those speed restrictions which are applicable to 14 CFR Section 91.117.
DELETE SPEED RESTRICTIONS	Cancels ATC assigned or published speed restrictions.

Additional guidance is available by viewing the following video: <http://www.faa.gov/tv/?mediaId=507>

Recommended Action: Operators of aircraft, directors of safety, directors of operations, chief pilots, dispatch supervisors, fractional ownership program managers, and training managers should ensure that the following procedures are utilized:

1. Review AC 90-100A, Section 11, Pilot Knowledge Requirements and Training.
2. Confirm that navigation and communication systems are properly set and verified with the correct departure procedure information.
3. Read back all clearances verbatim.
4. When issued a “Climb Via” or “Descend Via” clearance, comply with all published procedure restrictions unless specifically told otherwise by ATC.
5. When in doubt, query the controller.

Questions may be referred to:

James Arrighi, Air Traffic Control Specialist
PBN Policy and Support Group (AJV-141)
james.arrighi@faa.gov
202-385-8844

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(PBN Policy and Support Group 01/27/14)

Cold Temperature Restricted Airports

Cold Temperature Altitude Corrections

December 10, 2015

Subject: Cold temperature altitude corrections at airports with a published cold temperature restriction.

Purpose: To provide a list of 14 CFR Part 97 “Cold Temperature Restricted Airports” designated with a temperature restriction and guidance on when and how to calculate and apply altitude corrections to affected approach segment(s) during cold temperature operations. This list may also be found at the bottom of the, “Terminal Procedures Basic Search” page:

http://www.faa.gov/air_traffic/flight_info/aeronav/digital_products/dtpp/search/

Background: In response to aviation industry concerns over cold weather altimetry errors, the FAA conducted a risk analysis to determine if current 14 CFR Part 97 instrument approach procedures, in the United States National Airspace System, place aircraft at risk during cold temperature operations. This study applied the coldest recorded temperature at the given airports in the last five years and specifically determined if there was a probability that during these non-standard day operations, anticipated altitude errors in a barometric altimetry system could exceed the Required Obstacle Clearance (ROC) used on procedure segment altitudes. If a probability, of the ROC being exceeded, went above one percent on a segment of the approach, a temperature restriction was applied to that segment. In addition to the low probability that these procedures will be required, the probability of the ROC being exceeded precisely at an obstacle position is extremely low, providing an even greater safety margin.

Action:

Pilots must make an altitude correction to the published, “at”, “at or above” and “at or below” altitudes on all designated segment(s), for all published procedures and runways when the reported airport temperature is at or below the published airport cold temperature restriction. Pilots may correct on the other segments of the same approach if desired. Pilots must advise ATC with the corrected altitudes if the additional corrections are in the intermediate and/or missed approach segment.

Pilots may use Real Time Mesoscale Analysis (RTMA): Alternate Report of Surface Temperature, for computing altitude corrections, when airport temperatures are not available via normal reporting. See InFO 15006 for additional information. The RTMA website is:

http://nomads.ncep.noaa.gov/pub/data/nccf/com/rtma/prod/airport_temps/

Pilots **without** temperature compensating aircraft must calculate and make a manual cold temperature altitude correction to the designated segment(s) of the approach using the AIM 7-2-3, ICAO Cold Temperature Error Table.

NOTE: No extrapolation above the 5000 ft column required. Pilots may use the 5000 ft “height above airport in feet” column for calculating corrections of greater than 5000ft above reporting station. Pilots must add correction(s) from the table to the segment altitude(s) and fly at the new corrected altitude. **PILOTS MUST NOT MAKE AN ALTIMETER CHANGE** to accomplish an altitude correction.

Pilots **with** temperature compensating aircraft, and choosing to use this system, must ensure the system is on and operating for each segment requiring an altitude correction. Pilots may use the system for the entire approach if desired. Pilots must advise ATC when correcting on the intermediate and/or missed approach segment. Pilots must ensure they are flying at the corrected altitude. If the system is not operating, or not being used, the pilot must manually calculate and apply a cold weather altitude correction using the AIM 7-2-3 ICAO Cold Temperature Error Table. **PILOTS MUST NOT MAKE AN ALTIMETER CHANGE** to accomplish an altitude correction.

ICAO COLD TEMPERATURE ERROR TABLE
HEIGHT ABOVE AIRPORT IN FEET

REPORTED TEMP °C		200	300	400	500	600	700	800	900	1000	1500	2000	3000	4000	5000
	+10	10	10	10	10	20	20	20	20	20	30	40	60	80	90
	0	20	20	30	30	40	40	50	50	60	90	120	170	230	280
	-10	20	30	40	50	60	70	80	90	100	150	200	290	390	490
	-20	30	50	60	70	90	100	120	130	140	210	280	420	570	710
	-30	40	60	80	100	120	140	150	170	190	280	380	570	760	950
	-40	50	80	100	120	150	170	190	220	240	360	480	720	970	1210
	-50	60	90	120	150	180	210	240	270	300	450	590	890	1190	1500

Pilots must report cold temperature corrected altitudes to Air Traffic Control (ATC) whenever applying a cold temperature correction on an intermediate segment and/or a published missed approach final altitude. This should be done on initial radio contact with the ATC facility issuing approach clearance. ATC requires this information in order to ensure appropriate vertical separation between known traffic. ATC will not apply a cold temperature correction to Minimum Vectoring Altitudes (MVA). Pilots must be cleared by ATC to apply a cold temperature compensation to an ATC assigned altitude or when flying on a radar vector in lieu of a published missed approach procedure. Pilots should query ATC when vectored altitudes to an intermediate segment are lower than the requested intermediate segment altitude, corrected for temperature, on initial contact with ATC. Pilots are encouraged to self-announce corrected altitude when flying into non-towered airfields.

The following are examples of appropriate pilot-to-ATC communication when applying cold-temperature altitude corrections.

- On initial check-in with ATC providing approach clearance: Hayden, CO (example below).
 - Intermediate segment: “Require 10600 ft. for cold temperature operations until BEEAR”,
 - Missed Approach segment: “Require final holding altitude, 10600 ft. on missed approach for cold temperature operations”
- Pilots cleared by ATC for an instrument approach procedure; “Cleared the RNAV RWY 28 approach (from any IAF)”. Hayden, CO (example below).
 - Intermediate Segment: “Level 10600 ft. for cold temperature operations inside HIPNA to BEEAR”
- Pilots are not required to advise ATC with the altitude correction in the final segment. Hayden, CO and Elko, NV (example below).

Pilots must use the corrected MDA or DA/DH as the minimum for an approach. Pilots must meet the requirements in 14 CFR Part 91.175 in order to operate below the corrected MDA or DA/DH. Pilots must see and avoid obstacles when descending below the MDA.

The temperature restriction at a “Cold Temperature Restricted Airport” (snowflake ICON or “textual” on non-government publications), is mutually exclusive from the charted temperature restriction published for “uncompensated baro-VNAV systems” on 14 CFR Part 97 RNAV (GPS) and RNAV (RNP) approach plates. The charted temperature restriction for uncompensated baro-VNAV systems is applicable to the final segment LNAV/VNAV minima. Aircraft without a compensating baro-VNAV system may not use the LNAV/VNAV line of minima when actual temperature is below the charted temperature restriction for this procedure.

However, the affected segments must still be corrected if the airport is a Cold Temperature Restricted Airport and the temperature restriction is warmer than the temperature published for the RNAV or RNP approach.

Cold temperature restrictions are not affected by runway length. However, the risk analysis was only performed on airports of 2500 ft and greater due to database constraints. Pilots must calculate a cold temperature altitude correction at any airport included in the airports list below. Pilots operating into an airport with a runway length less than 2,500 feet may make a cold temperature altitude correction in cold temperature conditions, if desired. Pilots applying altitude corrections to any segment but final must advise ATC with the corrected altitude.

For additional information contact Kel Christianson, AFS-470, at 202-267-8838.

Cold Temperature Restricted Airports: Airports are listed by ICAO code, Airport Name, Temperature Restriction in Celsius/Fahrenheit and affected Segment. One temperature may apply to multiple segments. *Italicized airports have two affected segments, each with a different temperature restrictions.* The warmest temperature will be indicated on Airport IAPs next to a snowflake symbol, ❄️ –XX°C/XX°F in the United States Terminal Procedure Publication (TPP). The ICON is being added to the TPPs, incrementally, which started in the March 2015 charting cycle.

SEGMENTS

<u>Identifier</u>	<u>Airport Name</u>	<u>Temperature</u>	<u>Intermediate</u>	<u>Final</u>	<u>Missed Appr</u>
<u>Alaska</u>					
PABL	Buckland	-36C/-33F	X		
PABR	Wiley Post-Will Rogers	-41C/-42F	X		
PABT	Bettles	-37C/-35F	X	X	
PACE	Central	-25C/-13F	X	X	
PACH	Chuathbaluk	-35C/-31F	X	X	
PACI	Chalkyitsik	-32C/-26F	X		
<i>PACM</i>	<i>Scammon Bay</i>	-20C/-4F		X	
<i>PACM</i>	<i>Scammon Bay</i>	-35C/-31F	X		
PACV	Merle K (Mudhole) Smith	-21C/-6F	X		
PACX	Coldfoot	-10C/14F	X	X	X
PADE	Deering	-24C/-11F	X	X	
PADK	Adak	-17C/1F		X	
PADM	Marshall Don Hunter Sr	-21C/-6F	X	X	
PAEG	Eagle	-15C/5F	X		
PAEN	Kenai	-31C/-24F	X		
PAFA	Fairbanks Intl	-20C/-4F	X	X	
PAFM	Ambler	-43C/-45F	X		
PAFS	Nikolai	-22C/-8F	X		
PAGA	Edward G. Pitka Sr.	-33C/-27F	X		
PAGH	Shungnak	-19C/-2F	X		
PAGK	Gulkana	-37C/-35F	X		
<i>PAGL</i>	<i>Golovin</i>	-20C/-4F	X		
<i>PAGL</i>	<i>Golovin</i>	-29C/-20F			X
PAGM	Gambell	-26C/-15F		X	
PAHC	Holy Cross	-25C/-13F	X	X	
PAHL	Huslia	-31C/-24F	X		
PAHO	Homer	-24C/-11F	X		
PAHX	Shageluk	-36C/-33F	X		

Notices to Airmen

Cold Temp – Restricted Airports

<u>Identifier</u>	<u>Airport Name</u>	<u>Temperature</u>	<u>Intermediate</u>	<u>Final</u>	<u>Missed Appr</u>
PAIK	Bob Baker Memorial	-21C/-6F	X		
PAIL	Iliamna	-18C/0F	X		
PAIW	Wales	-12C/10F		X	
PAJN	Juneau Intl	-13C/9F	X		
PAKA	Tatitlek	-19C/-2F	X	X	
PAKK	Koyuk Alfred Adams	-34C/-29F	X		
PAKN	King Salmon	-31C/-24F	X		
PAKP	Anaktuvuk	-6C/21F	X		
PAKT	Ketchikan Intl	-11C/12F	X		
PAKV	Kaltag	-20C/-4F	X	X	
PAKW	Klawock	-11C/12F		X	
PALG	Kalskag	-41C/-42F	X		
PALP	Alpine Airstrip	-40C/-40F	X		
PAMB	Manokotak	-33C/-27F	X		
PAMC	McGrath	-24C/-11F	X		
PAMC	McGrath	-42C/-44F		X	
PAMH	Minchumina	-24C/-11F	X		
PAMH	Minchumina	-38C/-36F		X	
PAMY	Mekoryuk	-33C/-27F	X		
PANA	Napakiak	-37C/-35F	X		
PANI	Aniak	-23C/-9F		X	
PANI	Aniak	-33C/-27F	X		
PANN	Nenana Muni	-33C/-27F	X		
PANO	Nondalton	-12C/10F	X		
PANO	Nondalton	-29C/-20F		X	
PANU	Nulato	-28C/-18F	X		
PANU	Nulato	-44C/-47F		X	
PANV	Anvik	-31C/-24F	X		
PAOB	Kobuk	-45C/-49F		X	
PAOM	Nome	-26C/-15F	X		
PAOR	Northway	-19C/-2F	X		
PAOT	Ralph Wien Memorial	-43C/-45F	X		
PAPE	Perryville	-11C/12F		X	
PAPG	Petersburg James A Johnson	-11C/12F	X		
PAQH	Quinhagak	-16C/3F	X	X	
PAQH	Quinhagak	-32C/-26F			X
PAQT	Nuiqsut	-41C/-42F	X		
PARC	Artic Village	-29C/-20F	X	X	
PARS	Russian Mission	-14C/7F	X	X	
PARS	Russian Mission	-35C/-31F			X
PARY	Ruby	-33C/-27F	X		
PARY	Ruby	-43C/-44F		X	
PASA	Savoonga	-27C/-17F	X		
PASC	Deadhorse	-45C/-49F	X		
PASD	Sand Point	-16C/3F	X		
PASH	Shishmaref	-40C/-40F	X		
PASI	Sitka Rocky Gutierrez	-12C/10F		X	
PASK	Selawik	-35C/-31F	X		
PATA	Ralph M Calhoun Memorial	-32C/-26F	X		

<u>Identifier</u>	<u>Airport Name</u>	<u>Temperature</u>	<u>Intermediate</u>	<u>Final</u>	<u>Missed Appr</u>
PATA	<i>Ralph M Calhoun Memorial</i>	-49C/-56F		X	
PATE	Teller	-25C/-13F		X	
PATG	Togiak	-26C/-15F	X		
PATK	Talkeetna	-26C/-15F	X		
PATQ	Atkasuk Edward Burnell Sr. Mem	-35C/-31F	X		
PAUN	Unalakleet	-38C/-36F	X		
PAUO	Willow	-22C/-8F		X	
PAVC	King Cove	-13C/9F	X		
PAVD	Valdez Pioneer Field	-4C/25F	X		
PAVE	Venetie	-42C/-43F	X		
PAVL	Kivalina	-33C/-27F	X		
PAWB	Beaver	-41C/-42F	X		
PAWD	Seward	-3C/27F	X		
PAWG	Wrangell	-5C/23F	X	X	
PAWI	Wainwright	-41C/-42F	X		
PAWM	White Mountain	-40C/-40F	X		
PFAL	Allakaket	-34C/-29F	X		
PFCL	Clarks Point	-34C/-29F	X		
PFEL	<i>Elim</i>	-14C/7F		X	
PFEL	<i>Elim</i>	-27C/-17F	X		
PFKK	Kokhanok	-16C/3F	X		
PFKT	<i>Brevig Mission</i>	-23C/-9F	X		
PFKT	<i>Brevig Mission</i>	-29C/-20F		X	
PFKW	Kwethluk	-37C/-35F	X		
PFNO	Robert (Bob) Curtis Memorial	-16C/3F	X		
PFSH	Shaktoolik	-24C/-11F	X		
PFTO	Tok Junction	-19C/-2F	X		
PFYU	<i>Fort Yukon</i>	-45C/-49F	X		
PFYU	<i>Fort Yukon</i>	-51C/-60F		X	
PPIZ	Point Lay LRRS	-33C/-27F	X		
<u>California</u>					
KACV	Arcata	-5C/23F	X		
KMMH	Mammoth Yosemite	-25C/-13F		X	
KBIH	Eastern Sierra Rgnl	-9C/16F		X	
KSVE	Susanville Muni	-19C/-2F		X	
KTRK	<i>Truckee – Tahoe</i>	-13C/9F		X	
KTRK	<i>Truckee – Tahoe</i>	-23C/-9F	X		
KTVL	Lake Tahoe	-21C/-6F	X		
<u>Colorado</u>					
KAEJ	Central Colorado Rgnl	-18C/0F		X	
KANK	Harriet Alexander Field	-21C/-6F	X		
KASE	Aspen-Pitkin County/Sardy Field	-21C/-6F	X		
KCAG	Craig-Moffat	-26C/-15F	X	X	
KEEO	<i>Meeker Coulter Field</i>	-17C/1F		X	
KEEO	<i>Meeker Coulter Field</i>	-28C/-18F	X		
KEGE	<i>Eagle County Rgnl</i>	-17C/1F	X		

Notices to Airmen

Cold Temp – Restricted Airports

<u>Identifier</u>	<u>Airport Name</u>	<u>Temperature</u>	<u>Intermediate</u>	<u>Final</u>	<u>Missed Appr</u>
KEGE	Eagle County Rgnl	-25C/-13F			X
KGUC	Gunnison-Crested Butte Rgnl	-28C/-18F	X		
KGUC	Gunnison-Crested Butte Rgnl	-34C/-29F			X
KHDN	Yampa Valley	-26C/-15F	X	X	X
KLXV	Lake County	-26C/-15F		X	
KRIL	Garfield County Rgnl	-15C/5F	X	X	
KSBS	Steamboat Springs/Bob Adams Fld	-31C/-24F	X		
KTAD	Perry Stokes	-26C/-15F	X		
KTEX	Telluride Rgnl	-12C/10F		X	
20V	McElroy Airfield	-25C/-13F	X		
33V	Walden–Jackson County	-24C/-11F	X		
<u>Connecticut</u>					
KBDL	Bradley Intl	-23C/-9F		X	
<u>Idaho</u>					
KBOI	Boise Air Terminal/Gowen Field	-23C/-9F	X		
KJER	Jerome County	-22C/-8F		X	
KLWS	Lewiston-Nez Perce County	-16C/3F	X		
KMYL	McCall Muni	-20C/-4F	X		
KSMN	Lemhi County	-11C/12F	X		
KSZT	Sandpoint	-21C/-6F	X		
65S	Boundary County	-8C/18F		X	
<u>Indiana</u>					
KSMD	Smith Field	-22C/-8F		X	
<u>Iowa</u>					
KAMW	Ames Muni	-27C/-17F	X		
KIKV	Ankeny Rgnl	-26C/-15F	X		
<u>Kansas</u>					
3JC	Freeman Field	-25C/-13F		X	
<u>Kentucky</u>					
KBYL	Williamsburg–Whitley County	-21C/-6F		X	
<u>Maine</u>					
KCAR	Caribou Muni	-27C/-17F	X		
KIZG	Eastern Slopes Rgnl	-18C/0F	X		
KMLT	Millinocket Muni	-24C/-11F	X		
KPQI	Northern Maine Rgnl	-25C/-13F	X		
B19	Buddeford Muni	-31C/-24F	X		
3B1	Greenville Municipal	-21C/-6F		X	
<u>Maryland</u>					
KCBE	Greater Cumberland Rgnl	-13C/9F		X	
<u>Massachusetts</u>					
KBAF	Westfield-Barnes Regional	-20C/-4F		X	
KGBR	Walter J. Koladza	-21C/-6F	X	X	
KORE	Orange Muni	-21C/-6F	X		
KPSF	Pittsfield Muni	-24C/-11F		X	

Cold Temp – Restricted Airports

Notices to Airmen

<u>Identifier</u>	<u>Airport Name</u>	<u>Temperature</u>	<u>Intermediate</u>	<u>Final</u>	<u>Missed Appr</u>
0B5	Turners Falls	-22C/-8F	X		
7B2	Northampton	-24C/-11F	X		
<u>Michigan</u>					
KIWD	Gogebic-Iron County	-27C/-17F		X	
KPLN	Pellston Rgnl of Emmet County	-30C/-22F	X	X	
KTVC	Cherry Capital	-14C/7F		X	
Y31	West Branch Community	-34C/-29F		X	
<u>Minnesota</u>					
KBDE	Baudette Intl	-28C/-18F		X	
KBFW	Silver Bay Municipal	-32C/-26F	X	X	
KCKC	Grand Marais/Cook County	-30C/-22F			X
KCQM	Cook Muni	-37C/-35F	X		
KELO	Ely Muni	-38C/-36F	X		
KEVM	Eveleth-Virginia Muni	-37C/-35F	X		
KFSE	Fosston Muni	-38C/-36F	X		
KGDB	Granite Falls Muni	-35C/-31F	X		
KHIB	Range Rgnl	-30C/-22F	X		
KINL	Falls Intl	-30C/-22F	X		
KPNM	Princeton Muni	-34C/-29F	X		
KRGK	Red Wing Rgnl	-30C/-22F	X		
KRRT	Warroad Intl Memorial	-36C/-33F	X		
KRST	Rochester Intl	-27C/-17F	X		
KSTP	St Paul Downtown Holman Fld	-29C/-20F	X		
KTOB	Dodge Center	-42C/-44F	X		
KVVV	Ortonville Muni-Martinson Field	-33C/-27F	X		
12D	Tower Municipal	-38C/-36F	X		
<u>Montana</u>					
KBTM	Bert Mooney	-19C/-2F	X	X	
KBZN	Bozeman Yellowstone Intl	-33C/-27F	X		
KDLN	Dillon	-18C/0F	X		
KEKS	Ennis-Big Sky	-15C/5C		X	
KEKS	Ennis-Big Sky	-26C/-15F	X		
KGPI	Glacier Park Intl	-12C/10F	X		
KGTF	Great Falls Intl	-33C/-27F	X		
KHLN	Helena Rgnl	-16C/3F	X	X	
KHVR	Havre City-County	-38C/-36F	X		
KHVR	Havre City-County	-30C/-22F			X
KLVM	Mission Field	-21C/-6F	X		
KMSO	Missoula Intl	-10C/14F	X		
KMSO	Missoula Intl	-26C/-15F		X	
KOLF	L M Clayton	-30C/-22F	X		
KSBX	Shelby	-36C/-33F	X		
KWYS	Yellowstone	-18C/0F	X	X	
M46	Colstrip	-31C/-24F	X	X	
M75	Malta	-37C/-35F	X		

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<u>Identifier</u>	<u>Airport Name</u>	<u>Temperature</u>	<u>Intermediate</u>	<u>Final</u>	<u>Missed Appr</u>
S59	Libby	-15C/5F	X		
3U3	Bowman Field	-32C/-26F	X		
6S5	Ravalli County	-23C/-9F	X		
6S8	Laurel Municipal	-25C/-13F	X		
7S0	Ronan	-27C/-17F	X		
8S1	Polson	-19C/-2F	X	X	
32S	Stevensville	-20C/-4F	X		
<u>Nebraska</u>					
KCDR	Chadron Muni	-31C/-24F	X		
KVTN	Miller Field	-20C/-4F		X	
<u>Nevada</u>					
KCXP	Carson	-19C/-2F		X	
KEKO	Elko Rgnl	-20C/-4F		X	
KEKO	Elko Rgnl	-27C/-17F	X		
KELY	Ely (Yelland Field)	-18C/0F	X		
KLOL	Derby Field	-24C/-11F	X		
KMEV	Minden-Tahoe	-19C/-2F	X		X
KRNO	Reno/Tahoe Intl	-18C/0F	X		
KRTS	Reno/Stead	-15C/5F		X	
KWMC	Winnemucca Muni	-22C/-8F			X
05U	Eureka	-17C/1F		X	
<u>New Hampshire</u>					
KBML	Berlin Rgnl	-22C/-8F	X	X	
KCNH	Claremont Muni	-24C/-11F		X	
KEEN	Dillant-Hopkins	-28C/-18F		X	
KHIE	Mount Washington Rgnl	-29C/-20F	X	X	
KLEB	Lebanon Muni	-20C/-4F	X	X	
<u>New Jersey</u>					
KFWN	Sussex	-24C/-11F	X		
<u>New Mexico</u>					
KAXX	Angel Fire	-22C/-8F		X	
KAXX	Angel Fire	-30C/-22F	X		
KSKX	Taos Rgnl	-31C/-24F	X		
<u>New York</u>					
KART	Watertown Intl	-36C/-33F	X		
KCZG	Tri-Cities	-15C/5F		X	
KDSV	Dansville Muni	-18C/0F		X	
KELM	Elmira/Corning Rgnl	-16C/3F		X	
KELM	Elmira/Corning Rgnl	-27C/-17F	X		
KGFL	Floyd Bennett Memorial	-17C/1F	X	X	
KHTF	Hornell Muni	-21C/-6F		X	
KITH	Ithaca Tompkins Rgnl	-19C/-2F		X	
KLKP	Lake Placid	-11C/12F	X		
KLKP	Lake Placid	-21C/-6F		X	
KMSS	Massena Intl-Richards Field	-33C/-27F		X	
KPBG	Plattsburgh Intl	-28C/-18F	X		
KSCH	Schenectady County	-21C/-6F	X		
KSLK	Adirondack Rgnl	-23C/-9F	X	X	
KVGC	Hamilton Muni	-25C/-13F	X	X	

Cold Temp – Restricted Airports

Notices to Airmen

<u>Identifier</u>	<u>Airport Name</u>	<u>Temperature</u>	<u>Intermediate</u>	<u>Final</u>	<u>Missed Appr</u>
N03	Cortland County-Chase Field	-25C/-13F	X		
N23	Sidney Muni	-20C/-4F		X	
N89	Joseph Y Resnick	-15C/5F		X	
06N	Randall	-20C/-4F	X		
20N	Kingston-Ulster	-21C/-6F	X		
<u>North Carolina</u>					
KRHP	Western Carolina Rgnl	-6C/21F		X	
1A5	Macon County	-16C/3F	X		
<u>North Dakota</u>					
KBIS	Bismarck Muni	-35C/-31F	X		
KDIK	Dickison-Theodore Roosevelt Rgnl	-30C/-22F	X		
KFAR	Hector Intl	-25C/-13F	X		
KISN	Sloulin Field Intl	-36C/-33F	X		X
KPMB	Pembina Muni	-30C/-22F	X		
S25	Watford City Muni	-35C/-31F	X		
<u>Ohio</u>					
KBKL	Burke Lakefront	-23C/-9F		X	
KILN	Wilmington Air Park	-21C/-6F	X		
<u>Oregon</u>					
KAST	Astoria Rgnl	-11C/12F	X		
KBDN	Bend Muni	-22C/-8F	X		
KBKE	Baker City Muni	-25C/-13F	X		
KBNO	Burns Muni	-27C/-17F	X		
KLGD	La Grande/Union County	-12C/10F		X	
KLKV	Lake County	-27C/-17F	X		
KLMT	Klamath Falls	-27C/-17F	X		
KMFR	Rogue Valley Intl-Medford	-5C/24F	X		
KPDT	Eastern Oregon Rgnl at Pendleton	-18C/0F	X		
KRDM	Roberts Field	-19C/-2F	X		
S39	Prineville	-26C/-15F	X		
3S8	Grants Pass	-16C/3F	X		
<u>Pennsylvania</u>					
KAVP	Wilkes-Barre/Scranton Intl	-21C/-6F	X		
KIPT	Williamsport Rgnl	-10C/14F		X	
KIPT	Williamsport Rgnl	-18C/0F	X		
KLHV	William T. Piper	-15C/5F	X		
KMDT	Harrisburg Intl	-17C/1F		X	
KRVL	Mifflin County	-22C/-8F		X	
N27	Bradford County	-24C/-11F	X		
N96	Bellefonte	-21C/-6F	X		
<u>South Dakota</u>					
KEFC	Belle Fourche Muni	-26C/-15F	X		
KIEN	Pine Ridge	-33C/-27F		X	
KMBG	Mobridge Muni	-30C/-22F	X		
KSPF	Black Hills-Clyde Ice Field	-27C/-17F	X		

<u>Identifier</u>	<u>Airport Name</u>	<u>Temperature</u>	<u>Intermediate</u>	<u>Final</u>	<u>Missed Appr</u>
<u>Tennessee</u>					
0A9	Elizabethton Muni	-11C/12F		X	
6A4	Mountain City/Johnson County	-5C/23F		X	
<u>Utah</u>					
KBCE	Bryce Canyon Airport	-30C/-22F	X		
KENV	Wendover	-11C/12F	X		
KLGU	Logan-Cache	-22C/-8F	X	X	
KRIF	Richfield Muni	-26C/-15F	X	X	
KSGU	St George Muni	-13C/9F	X		
<u>Identifier</u>					
<u>Airport Name</u>					
<u>Temperature</u>					
<u>Intermediate</u>					
<u>Final</u>					
<u>Missed Appr</u>					
KSGU	St George Muni	-25C/-13F		X	
U52	Beaver Municipal	-27C/-17F	X		
U55	Panguitch Municipal	-27C/-17F		X	
74V	Roosevelt Municipal Airport	-25C/-13F	X		
<u>Vermont</u>					
KBTV	Burlington Intl	-14C/7F	X		
KDDH	William H. Morse State	-17C/1F		X	
KDDH	William H. Morse State	-24C/-11F	X		
KEFK	Newport State	-22C/-8F	X		
KMLV	Morrisville–Stowe State	-15C/5F	X	X	
KRUT	Rutland-Southern Vermont Rgnl	-4C/25F		X	
KRUT	Rutland-Southern Vermont Rgnl	-18C/0F	X		
KVSF	Hartness State (Springfield)	-24C/-11F	X	X	
<u>Virginia</u>					
KFRR	Front Royal-Warren County	-10C/14F	X		
KLUA	Luray Caverns	-16C/3F	X	X	
KROA	Roanoke Rgnl/Woodrum Field	-9C/16F		X	
KSHD	Shenandoah Valley Rgnl	-23C/-9F	X		
KVBW	Bridgewater Air Park	-15C/5F	X		
W13	Eagle’s Nest	-18C/0F	X		
8W2	New Market	-24C/-11F	X		
<u>Washington St.</u>					
KDEW	Deer Park	-26C/-15F			X
KEAT	Pangborn Memorial	-7C/19F	X		
KELN	Bowers Field	-17C/1F	X		
KMWH	Grant County Intl	-22C/-8F	X		
KOMK	Omak	-13C/9F		X	
KRLD	Richland	-19C/-2F	X		
KYKM	Yakima Air Terminal/McAllister Field	-23C/-9F	X		
<u>West Virginia</u>					
KEKN	Elkins-Randolph County Jennings Randolph Field	-10C/14F	X	X	
W22	Upshur County Regional	-15C/5F	X		
W35	Potomac Airpark	-22C/-8F		X	

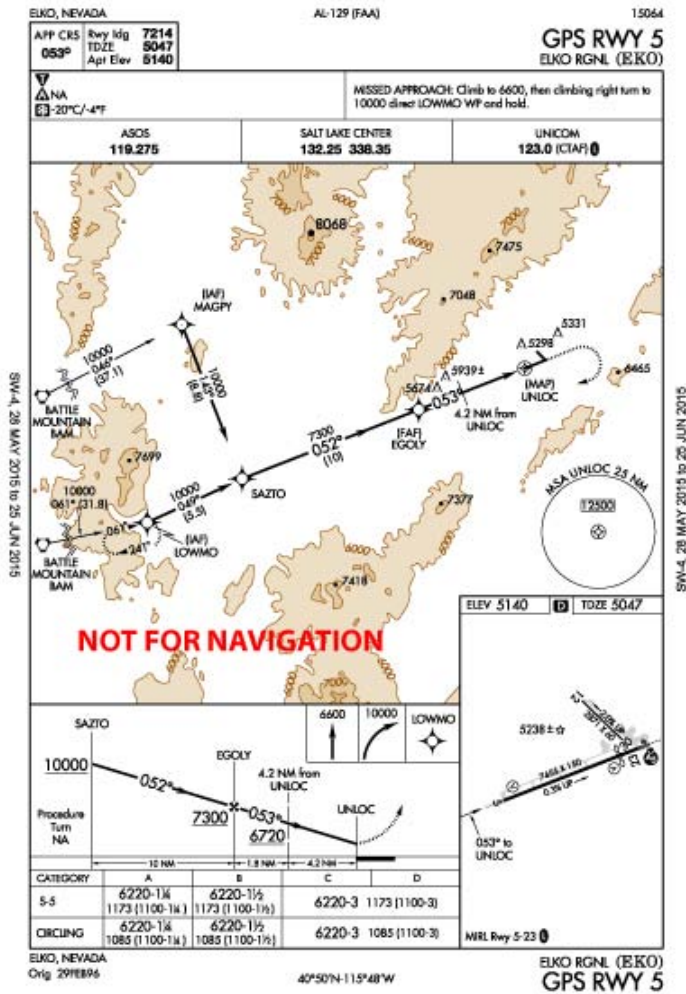
<u>Identifier</u>	<u>Airport Name</u>	<u>Temperature</u>	<u>Intermediate</u>	<u>Final</u>	<u>Missed Appr</u>
W99	Grant County	-9C/16F	X	X	
3I2	Point Pleasant/Mason County	-18C/0F		X	
<u>Wisconsin</u>					
KASX	John F. Kennedy Memorial	-31C/-24F	X		
KCMY	Sparta/Fort McCoy	-33C/-27F	X		
KLNR	Tri County Rgnl	-26C/-15F	X	X	
KLSE	La Crosse Muni	-19C/-2F		X	
KLSE	La Crosse Muni	-29C/-20F	X		
KOVS	Boscobel	-28C/-18F		X	
KPDC	Prairie du Chien Muni	-27C/-17F		X	
KRHI	Rhineland-Oneida County	-30C/-22F	X		
KRPD	Rice Lake Rgnl-Carl's Field	-35C/-31F	X		
4R5	Major Gilbert Field	-29C/-20F	X		
87Y	Blackhawk Airfield	-24C/-11F	X		
93C	Richland	-29C/-20F	X		
C29	Middleton Municipal-Morey Field	-24C/-11F	X		
<u>Wyoming</u>					
KAFO	Afton Municipal Airport	-22C/-8F	X	X	
KCOD	Yellowstone Rgnl	-31C/-24F	X		
KDGW	Converse County	-26C/-15F	X		
KGCC	Gillette-Campbell County	-25C/-13F		X	
KGEY	South Big Horn County	-32C/-26F	X	X	
KJAC	Jackson Hole	-26C/-15F	X	X	X
KLAR	Laramie Rgnl	-35C/-31F	X		
KRWL	Rawlins Muni/Harvey Field	-35C/-31F		X	
KSHR	Sheridan County	-22C/-8F	X		
U68	North Big Horn County	-34C/-29F	X		

See the following examples for identifying and applying altitude corrections.

Examples:

Hayden/Yampa Valley. Hayden, CO, Reported Temperature -26° C: Cold weather temperature restriction is -26° C / -15° F for the intermediate, final and missed approach segments. RNAV (GPS) RWY 28:

1. Intermediate altitude (FAF) (BEEAR) = 10000 ft.
2. Airport elevation = 6606 ft.
3. Difference: 10000 ft. – 6606 ft. = 3394 ft.
4. AIM 7-2-3 ICAO Cold Temperature Error Table: Interception of 3394 ft. and -26° C ≈ 550ft. Add correction to altitudes inside of IF thru FAF. IF HIPNA; 13,000. Stepdown fix PICIN; 11500 + 550 = 12050 (12100). FAF BEEAR; 10000 + 550 = 10550 (10600).
5. Fly new altitudes leaving HIPNA.
6. Final segment altitude (LP MDA) = 7080 ft.
7. Difference: 7080 ft. – 6606 ft. = 474 ft
8. AIM 7-2-3 Table: 474 ft at -26° C ≈ 80 ft.
9. Add corrections to altitudes at DICEV; 8400 + 80 = 8480, BUYYA; 7860 + 80 = 7940.
LP MDA; 7080 + 80 = 7160. May round up in final segment but not down.
- 10 Missed approach altitude. Follow steps 1 thru 4 to calculate and apply correction. New holding altitude is 10600 ft.



Interim FIS-B Uplink Service Guidance

***As of 8/10/2015**

There are three special situations pilots should be aware of on the FAA's FIS-B uplink service (UAT link). All three situations will be corrected in future FIS-B uplink service versions planned by the end of December 2015.

1. Until a planned ground system upgrade allows FIS-B avionics to confirm receipt of all local area products, there is no present way to assure a complete set of AIRMETs, SIGMETs and TFR NOTAMs were received.
2. The current SBSS ground system method of identifying the text and graphic records for SIGMETs and AIRMETs could allow a disassociation by the avionics, although the probability is low. Until the fix in the SBSS ground system is implemented, pilots should be aware of the disassociation possibility, or the avionics could prevent the display of the graphic records. This problem does not affect NOTAMs.
3. Lengthy NOTAM text records may be impractical to display and digest in the cockpit. The planned change to the SBSS ground system will truncate NOTAM text to 1500 characters and include an indication of the truncated text. Until this truncation is implemented, the full text is uplinked in full (if possible) or truncated within the avionics (to include a truncated indication). The associated graphic record is uplinked in its entirety.

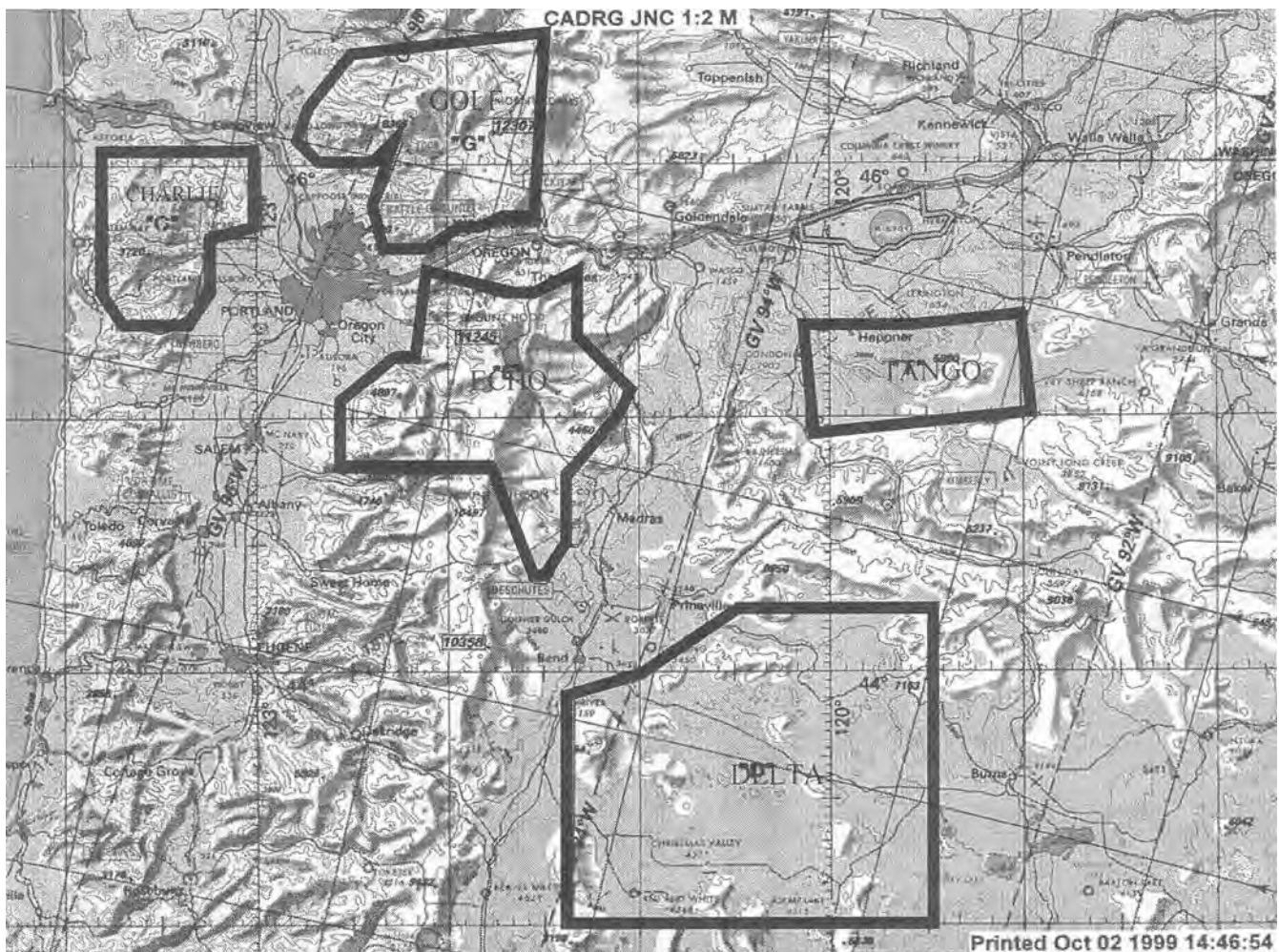
Section 2. Special Military Operations

Notice to Pilots and Interested Personnel in Northern Oregon and Southwest Washington

LIGHTS OUT MILITARY HELICOPTER OPERATIONS

Effective Date: April 30, 2000

The U.S. Air Force 304th Rescue Squadron conducts low altitude flight in five low altitude tactical navigation (LATN) Areas: "Charlie," "Delta," "Echo," "Golf," and "Tango." These operations are conducted day and night below 200 feet above ground level (AGL). The night operations are conducted utilizing night vision goggles (NVGs). FAA exemption 5891A authorized NVG training in Air Force helicopters to be conducted without lighted position lights. These operations will ONLY be conducted below 200 feet AGL and outside of five (5) nautical miles from any public use airport, within the five (5) LATN areas.

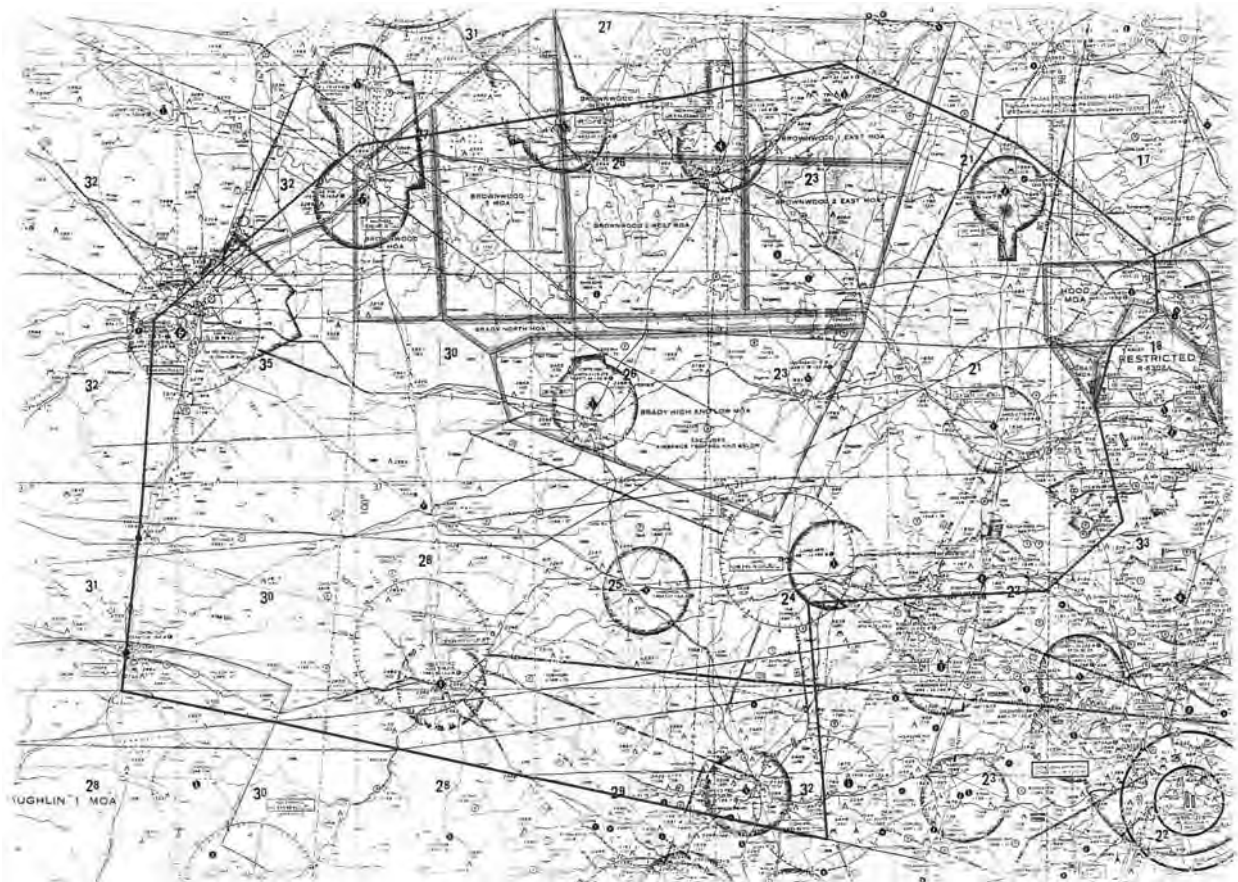


(ANM-520.6 3/2/2000)

Notice to Pilots and Interested Personnel in Central and Southwest Texas

LIGHTS OUT MILITARY HELICOPTER OPERATIONS

The U.S. Army/National Guard is conducting “lights out” tactical helicopter training. These operations are conducted day and night. The night operations are conducted without the use of exterior aircraft lights from the surface up to 200 feet AGL, outside four (4) nautical miles from any public-use airport, and within the boundaries depicted below:



Beginning at lat. 31°24'00" N., long. 097°44'00" W./ North Fort Hood;
 to lat. 31°30'00" N., long. 097°44'00" W.; to lat. 31°48'00" N., long. 098°07'00" W.;
 to lat. 31°57'00" N., long. 098°37'00" W.; to lat. 31°48'00" N., long. 099°59'00" W.;
 to lat. 31°23'00" N., long. 100°35'00" W.; to lat. 30°29'00" N., long. 100°40'00" W.;
 to lat. 30°16'00" N., long. 098°42'00" W.; to lat. 30°43'00" N., long. 098°41'00" W.;
 to lat. 30°45'00" N., long. 098°03'00" W.; to lat. 30°52'00" N., long. 097°52'00" W.;
 to lat. 31°09'00" N., long. 097°55'00" W.; to lat. 31°17'00" N., long. 097°53'00" W.;
 to point of origin.

(SJT 2/21/02)

LIGHTS OUT/LOW LEVEL MILITARY HELICOPTER OPERATIONS IN SOUTHWEST WISCONSIN

The Army National Guard is conducting "Lights Out" tactical operation training IAW FAA Exemption 3946J. These operations are conducted between official sunset and official sunrise at an altitude below 500' agl. and outside four (4) nautical miles from any public use airport.

The Routes are defined as below:

LONE ROCK (NVG Route #1)

42° 49.70' N 89° 24.70' W – SP
42° 45.50' N 89° 58.00' W – CP A
42° 46.00' N 90° 17.50' W – CP B
43° 03.80' N 90° 56.40' W – CP C
43° 17.74' N 91° 01.13' W – CP D
43° 43.16' N 91° 04.76' W – CP E
43° 53.21' N 91° 00.64' W – CP F
44° 08.82' N 90° 44.30' W – RP

DELLS (NVG Route #2)

43° 11.00' N 89° 54.50' W – SP
43° 26.35' N 90° 21.24' W – CP A
43° 41.34' N 90° 47.89' W – CP B
43° 43.49' N 90° 54.37' W – CP C
43° 50.10' N 90° 57.31' W – CP D
43° 51.32' N 90° 59.43' W – CP E
43° 53.21' N 91° 00.64' W – CP F
44° 08.82' N 90° 44.30' W – RP

CW3 TRAVIS E. BOXRUCKER
AASF#2 MADISON, WI
travis.boxrucker@us.army.mil

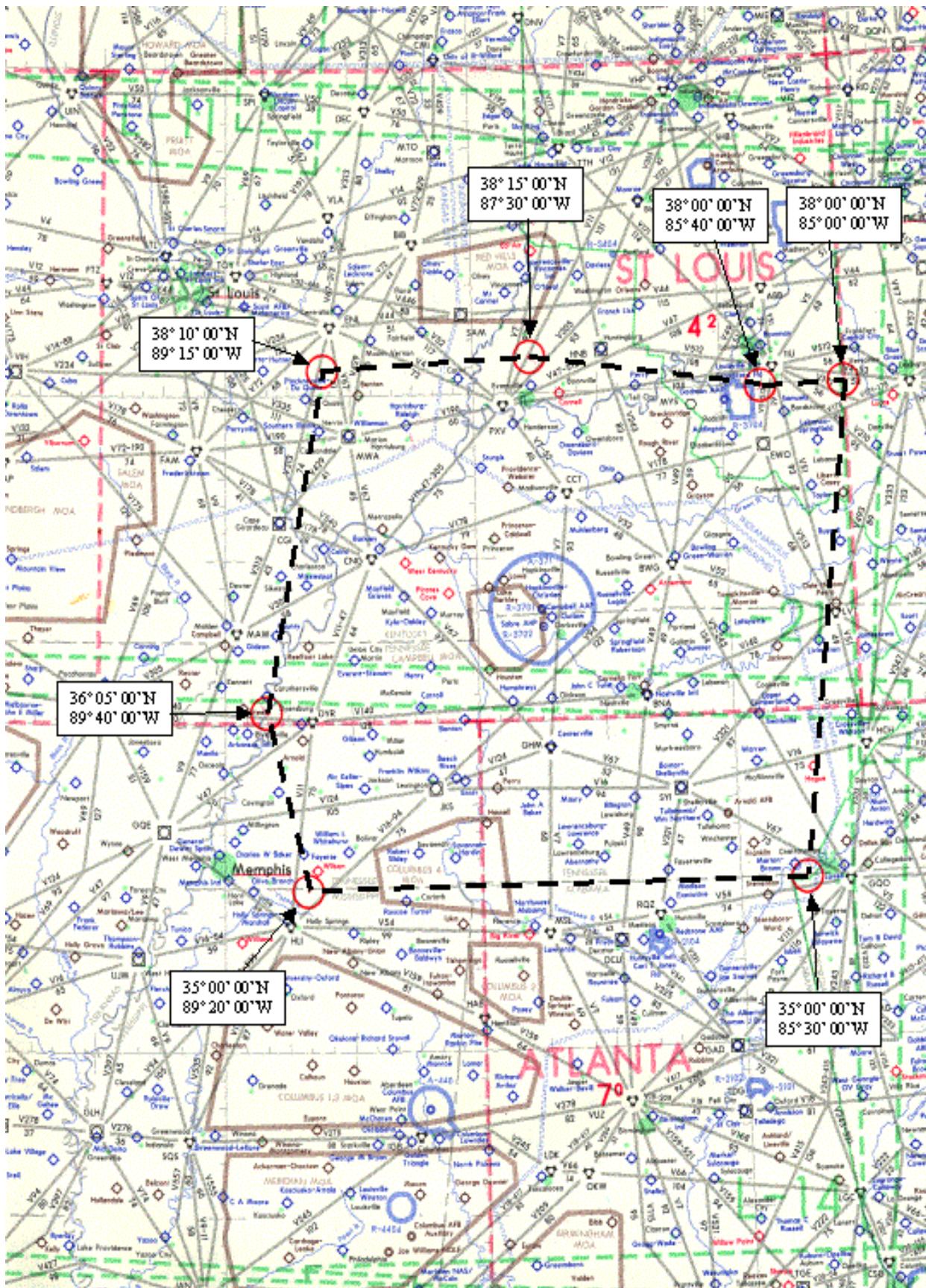
Notice to Pilots and Interested Persons in KY, TN, Southern IL, IN and Northern AL

LIGHTS OUT MILITARY HELICOPTER OPERATIONS

The U.S. Army is conducting “lights out” tactical helicopter training. These operations are conducted without the use of exterior aircraft lights from the surface to 500 feet above ground level, in accordance with FAA Exemption 3946, as amended, during the times of Sunset to Sunrise, and within the boundaries depicted below:

Lat. 38-00-00N, Long. 085-00-00W, to
Lat. 35-00-00N, Long. 085-30-00W, to
Lat. 35-00-00N, Long. 089-20-00W, to
Lat. 36-05-00N, Long. 089-40-00W, to
Lat. 38-10-00N, Long. 089-15-00W, to
Lat. 38-15-00N, Long. 087-30-00W, to
Lat. 38-00-00N, Long. 085-40-00W, to
point of origin. Excluding that airspace
within a 4 nautical mile radius of all public
use airports, and also excluding all class
“B”, “C”, “D” and “E” controlled airspace.

(ASO-530/920 6/8/06)



SPECIAL USE AIRSPACE

Powder River Training Complex, MT, ND, SD, WY

Effective Date: September 17, 2015.

The Powder River A and Powder River B Military Operations Areas (MOAs) are being revoked and replaced by the Powder River Training Complex (PRTC) MOAs. The new MOAs are generally located east of Billings, MT; south of Miles City, MT, and Dickinson, ND; west of McLaughlin, SD; and north of Belle Fourche, SD, and Sheridan, WY, as depicted in the attached graphics. The PRTC is comprised of four primary MOAs (Powder River 1, 2, 3, 4) separated by three corridors also established as MOAs (Gap A, B, C). The Powder River 1 MOA is subdivided into four sections (Powder River 1A, 1B, 1C, 1D) and all of the PRTC MOAs (except for Powder River 4 and Gap C) are being further subdivided in a low and high altitude structure. The Powder River 4 and Gap C MOAs are established in the high altitude structure only.

The PRTC MOAs are established in support of the 28th Bomb Wing (BW) at Ellsworth Air Force Base (AFB), SD, and the 5th BW at Minot AFB, ND, for realistic aircrew training in combat tactics, target acquisition, and reaction to simulated surface-to-air threats. The 28th BW will fly B-1 supersonic, all weather, day-night conventional heavy bombers and the 5th BW will fly B-52 subsonic heavy bombers also capable of all weather, day-night operations. The expanded PRTC MOAs provide aircrews with the volume of airspace necessary to accomplish aircrew combat mission training scenarios including defeating ground and airborne threats, employing defensive countermeasures (chaff and flares), practicing ingress/egress and evasive aircraft maneuvering, as well as weapons employment tactics. Aerial activities may consist of aggressive three-dimensional tactical maneuvering by combat aircraft involving abrupt, unpredictable changes in altitude, attitude, and direction of flight.

Aircrew training and exercise activities will occur within the PRTC between 500 feet Above Ground Level (AGL) to, but not including Flight Level 180 (FL 180). Some of the MOAs will be used on a regular basis, while other MOAs will only be used during Large Force Exercises (LFEs) for no more than 10 days per year. LFEs may include multiple bombers, fighters, air refueling tankers, command and control aircraft, and ground forces for fully integrated training scenarios. All of the PRTC MOAs will be charted on the Billings Sectional Aeronautical Chart effective September 17, 2015, and on the Instrument Flight Rules (IFR) Enroute Low Altitude charts effective October 15, 2015. Aircraft operators are advised to check NOTAMs and the <http://sua.faa.gov> website to determine when the PRTC MOAs are scheduled or active.

Powder River 1A Low MOA, MT

Boundaries: Beginning at lat. 45°55'57"N., long. 107°44'09"W.; to lat. 46°00'42"N., long. 107°22'33"W.; to lat. 46°01'35"N., long. 107°16'56"W.; to lat. 46°03'09"N., long. 107°11'15"W.; to lat. 46°04'55"N., long. 107°02'54"W.; clockwise along the Billings VORTAC 68 NM arc; to lat. 45°42'43"N., long. 107°00'42"W.; to lat. 45°40'30"N., long. 107°13'42"W.; to lat. 45°41'48"N., long. 107°44'04"W.; counter clockwise along the Billings VORTAC 38 NM arc; to the point of beginning.

Altitudes: 500 feet AGL to, but not including 12,000 feet MSL, excluding the airspace 1,500 feet AGL and below within a 3 NM radius of the Big Horn County Airport, MT.

Times of Use: 0730-1200 and 1800-2330 Monday-Thursday and 0730-1200 Friday, by NOTAM 2 hours in advance; other times by NOTAM 4 hours in advance.

Controlling Agency: FAA, Salt Lake ARTCC.

Using Agency: U.S. Air Force, 28th Bomb Wing, Ellsworth AFB, SD.

Powder River 1A High MOA, MT

Boundaries: Beginning at lat. 45°55'57"N., long. 107°44'09"W.; to lat. 46°00'42"N., long. 107°22'33"W.; to lat. 46°01'35"N., long. 107°16'56"W.; to lat. 46°03'09"N., long. 107°11'15"W.; to lat. 46°04'55"N., long. 107°02'54"W.; clockwise along the Billings VORTAC 68 NM arc; to lat. 45°42'43"N., long. 107°00'42"W.; to lat. 45°40'30"N., long. 107°13'42"W.; to lat. 45°41'48"N., long. 107°44'04"W.; counter clockwise along the Billings VORTAC 38 NM arc; to the point of beginning.

Altitudes: 12,000 feet MSL to, but not including FL 180.

Times of Use: By NOTAM 4 hours in advance. LFE only.

Controlling Agency: FAA, Salt Lake ARTCC.

Using Agency: U.S. Air Force, 28th Bomb Wing, Ellsworth AFB, SD.

Power River 1B Low MOA, MT

Boundaries: Beginning at lat. 46°04'55"N., long. 107°02'54"W.; to lat. 46°11'58"N., long. 106°29'36"W.; counter clockwise along the Miles City VOR/DME 25 NM arc; to lat. 45°57'59"N., long. 105°59'23"W.; to lat. 45°40'57"N., long. 105°55'50"W.; to lat. 45°47'00"N., long. 106°35'30"W.; to lat. 45°42'43"N., long. 107°00'42"W.; counter clockwise along the Billings VORTAC 68 NM arc; to the point of beginning.

Altitudes: 500 feet AGL to, but not including 12,000 feet MSL, excluding the airspace 1,500 feet AGL and below within a 3 NM radius of the Colstrip Airport, MT.

Times of Use: 0730-1200 and 1800-2330 Monday-Thursday and 0730-1200 Friday, by NOTAM 2 hours in advance; other times by NOTAM 4 hours in advance.

Controlling Agency: FAA, Salt Lake ARTCC.

Using Agency: U.S. Air Force, 28th Bomb Wing, Ellsworth AFB, SD.

Powder River 1B High MOA, MT

Boundaries: Beginning at lat. 46°04'55"N., long. 107°02'54"W.; to lat. 46°11'58"N., long. 106°29'36"W.; counter clockwise along the Miles City VOR/DME 25 NM arc; to lat. 45°57'59"N., long. 105°59'23"W.; to lat. 45°40'57"N., long. 105°55'50"W.; to lat. 45°47'00"N., long. 106°35'30"W.; to lat. 45°42'43"N., long. 107°00'42"W.; counter clockwise along the Billings VORTAC 68 NM arc; to the point of beginning.

Altitudes: 12,000 feet MSL to, but not including FL 180.

Times of Use: 0730-1200 and 1800-2330 Monday-Thursday and 0730-1200 Friday, by NOTAM 2 hours in advance; other times by NOTAM 4 hours in advance.

Controlling Agency: FAA, Salt Lake ARTCC.

Using Agency: U.S. Air Force, 28th Bomb Wing, Ellsworth AFB, SD.

Powder River 1C Low MOA, MT

Boundaries: Beginning at lat. 45°41'48"N., long. 107°44'04"W.; to lat. 45°40'30"N., long. 107°13'42"W.; to lat. 45°42'43"N., long. 107°00'42"W.; clockwise along the Billings VORTAC 68 NM arc; to lat.

45° 14' 30"N., long. 107° 13' 44"W.; to lat. 45° 13' 23"N., long. 107° 17' 55"W.; to lat. 45° 31' 00"N., long. 107° 34' 19"W.; to lat. 45° 35' 23"N., long. 107° 46' 46"W.; counter clockwise along the Billings VORTAC 38 NM arc; to the point of beginning, excluding the airspace within the Northern Cheyenne Indian Reservation.

Altitudes: 500 feet AGL to, but not including 12,000 feet MSL.

Times of Use: 0730-1200 and 1800-2330 Monday-Thursday and 0730-1200 Friday, by NOTAM 2 hours in advance; other times by NOTAM 4 hours in advance.

Controlling Agency: FAA, Salt Lake ARTCC.

Using Agency: U.S. Air Force, 28th Bomb Wing, Ellsworth AFB, SD.

Powder River 1C High MOA, MT

Boundaries: Beginning at lat. 45° 41' 48"N., long. 107° 44' 04"W.; to lat. 45° 40' 30"N., long. 107° 13' 42"W.; to lat. 45° 42' 43"N., long. 107° 00' 42"W.; clockwise along the Billings VORTAC 68 NM arc; to lat. 45° 14' 30"N., long. 107° 13' 44"W.; to lat. 45° 13' 23"N., long. 107° 17' 55"W.; to lat. 45° 31' 00"N., long. 107° 34' 19"W.; to lat. 45° 35' 23"N., long. 107° 46' 46"W.; counter clockwise along the Billings VORTAC 38 NM arc; to the point of beginning.

Altitudes: 12,000 feet MSL to, but not including FL 180.

Times of Use: By NOTAM 4 hours in advance. LFE only.

Controlling Agency: FAA, Salt Lake ARTCC.

Using Agency: USAF, 28th Bomb Wing, Ellsworth AFB, SD.

Powder River 1D Low MOA, MT

Boundaries: Beginning at lat. 45° 42' 43"N., long. 107° 00' 42"W.; to lat. 45° 47' 00"N., long. 106° 35' 30"W.; to lat. 45° 40' 57"N., long. 105° 55' 50"W.; to lat. 44° 48' 11"N., long. 105° 45' 03"W.; to lat. 44° 40' 27"N., long. 105° 52' 49"W.; to lat. 44° 47' 38"N., long. 106° 28' 48"W.; counter clockwise along the Sheridan VOR/DME 25 NM arc; to lat. 45° 14' 30"N., long. 107° 13' 44"W.; counter clockwise along the Billings VORTAC 68 NM arc; to the point of beginning, excluding the airspace within the Northern Cheyenne Indian Reservation.

Altitudes: 500 feet AGL to, but not including 12,000 feet MSL, excluding the airspace 1,500 feet AGL and below within a 3 NM radius of the St. Labre Mission Airport, MT.

Times of Use: 0730-1200 and 1800-2330 Monday-Thursday and 0730-1200 Friday, by NOTAM 2 hours in advance; other times by NOTAM 4 hours in advance.

Controlling Agency: FAA, Salt Lake ARTCC.

Using Agency: U.S. Air Force, 28th Bomb Wing, Ellsworth, AFB, SD.

Powder River 1D High MOA, MT

Boundaries: Beginning at lat. 45° 42' 43"N., long. 107° 00' 42"W.; to lat. 45° 47' 00"N., long. 106° 35' 30"W.; to lat. 45° 40' 57"N., long. 105° 55' 50"W.; to lat. 44° 48' 11"N., long. 105° 45' 03"W.; to lat. 44° 40' 27"N.,

long. 105°52'49"W.; to lat. 44°47'38"N., long. 106°28'48"W.; counter clockwise along the Sheridan VOR/DME 25 NM arc; to lat. 45°14'30"N., long. 107°13'44"W.; counter clockwise along the Billings VORTAC 68 NM arc; to the point of beginning.

Altitudes: 12,000 feet MSL to, but not including FL 180.

Times of Use: 0730-1200 and 1800-2330 Monday-Thursday and 0730-1200 Friday, by NOTAM 2 hours in advance; other times by NOTAM 4 hours in advance.

Controlling Agency: FAA, Salt Lake ARTCC.

Using Agency: U.S. Air Force, 28th Bomb Wing, Ellsworth, AFB, SD.

Powder River 2 Low MOA, MT

Boundaries: Beginning at lat. 45°59'24"N., Long. 105°45'07"W.; counter clockwise along the Miles City VOR/DME 25 NM arc; to lat. 46°08'55"N., long. 105°27'23"W.; to lat. 45°53'08"N., long. 104°33'46"W.; to lat. 45°37'48"N., long. 103°52'28"W.; to lat. 45°29'05"N., long. 103°17'10"W.; to lat. 45°03'44"N., long. 103°17'58"W.; to lat. 44°48'05"N., long. 104°15'25"W.; to lat. 44°50'57"N., long. 104°35'41"W.; to lat. 44°47'04"N., long. 104°46'22"W.; to lat. 44°42'03"N., long. 104°49'27"W.; to lat. 44°38'57"N., long. 104°48'43"W.; to lat. 44°33'03"N., long. 105°10'28"W.; counter clockwise along the Gillette VOR/DME 20 NM arc; to lat. 44°39'44"N., long. 105°23'19"W.; to lat. 44°47'12"N., long. 105°30'41"W.; to the point of beginning.

Altitudes: 500 feet AGL to, but not including 12,000 feet MSL, excluding the airspace 1,500 feet AGL and below within a 3 NM radius of Broadus Airport, MT; Ekalaka Airport, MT; Laird Ranch Airport, MT; Lanning Ranch Airport, MT; Harding County Airport, SD; Camp Crook Airport, SD; and Sky Ranch Airport, SD.

Times of Use: 0730-1200 and 1800-2330 Monday-Thursday and 0730-1200 Friday, by NOTAM 2 hours in advance; other times by NOTAM 4 hours in advance.

Controlling Agency: FAA, Denver ARTCC.

Using Agency: U.S. Air Force, 28th Bomb Wing, Ellsworth AFB, SD.

Powder River 2 High MOA, MT

Boundaries: Beginning at lat. 45°59'24"N., long. 105°45'07"W.; counter clockwise along the Miles City VOR/DME 25 NM arc; to lat. 46°08'55"N., long. 105°27'23"W.; to lat. 45°53'08"N., long. 104°33'46"W.; to lat. 45°37'48"N., long. 103°52'28"W.; to lat. 45°29'05"N., long. 103°17'10"W.; to lat. 45°03'44"N., long. 103°17'58"W.; to lat. 44°48'05"N., long. 104°15'25"W.; to lat. 44°50'57"N., long. 104°35'41"W.; to lat. 44°47'04"N., long. 104°46'22"W.; to lat. 44°42'03"N., long. 104°49'27"W.; to lat. 44°38'57"N., long. 104°48'43"W.; to lat. 44°33'03"N., long. 105°10'28"W.; counter clockwise along the Gillette VOR/DME 20 NM arc; to lat. 44°39'44"N., long. 105°23'19"W.; to lat. 44°47'12"N., long. 105°30'41"W.; to the point of beginning.

Altitudes: 12,000 feet MSL to, but not including FL 180.

Times of Use: 0730-1200 and 1800-2330 Monday-Thursday and 0730-1200 Friday, by NOTAM 2 hours in advance; other times by NOTAM 4 hours in advance.

Controlling Agency: FAA, Denver ARTCC.

Using Agency: U.S. Air Force, 28th Bomb Wing, Ellsworth AFB, SD.

Powder River 3 Low MOA, ND

Note: On May 20, 2015, the Bowman Regional Airport, ND, became operational to replace the Bowman Municipal Airport, ND, which was closed permanently on July 16, 2015. Geographically, the Bowman Regional Airport is located approximately 5.5 NM east of where Bowman Municipal Airport was located. The description below has been updated to reflect the airport exclusion at Bowman Regional Airport, ND; however, the Powder River 3 MOA graphic attached to this notice has not been updated and is corrected on the Billings Sectional Aeronautical Chart published September 17, 2015.

Boundaries: Beginning at lat. 46°24'23"N., long. 105°21'09"W.; to lat. 46°30'59"N., long. 104°39'10"W.; to lat. 46°32'45"N., long. 104°20'36"W.; to lat. 46°36'34"N., long. 104°02'08"W.; to lat. 46°41'36"N., long. 103°27'34"W.; counter clockwise along the Dickinson VORTAC 30 NM arc; to lat. 46°22'22"N., long. 102°56'07"W.; to lat. 45°47'47"N., long. 102°59'01"W.; to lat. 45°35'42"N., long. 103°01'21"W.; to lat. 45°52'07"N., long. 103°44'36"W.; to lat. 46°03'21"N., long. 104°31'24"W.; to lat. 46°18'07"N., long. 105°21'48"W.; counter clockwise along the Miles City VOR/DME 25 NM arc; to the point of beginning.

Altitudes: 500 feet AGL to, but not including 12,000 feet MSL, excluding the airspace 2,000 feet AGL and below within a 3 NM radius of Baker Municipal Airport, MT, and Bowman Regional Airport, ND.

Times of Use: 0730-1200 and 1800-2330 Monday-Thursday and 0730-1200 Friday, by NOTAM 2 hours in advance; other times by NOTAM 4 hours in advance.

Controlling Agency: FAA, Salt Lake ARTCC.

Using Agency: U.S. Air Force, 28th Bomb Wing, Ellsworth AFB, SD.

Powder River 3 High MOA, ND

Boundaries: Beginning at lat. 46°24'23"N., long. 105°21'09"W.; to lat. 46°30'59"N., long. 104°39'10"W.; to lat. 46°32'45"N., long. 104°20'36"W.; to lat. 46°36'34"N., long. 104°02'08"W.; to lat. 46°41'36"N., long. 103°27'34"W.; counter clockwise along the Dickinson VORTAC 30 NM arc; to lat. 46°22'22"N., long. 102°56'07"W.; to lat. 45°47'47"N., long. 102°59'01"W.; to lat. 45°35'42"N., long. 103°01'21"W.; to lat. 45°52'07"N., long. 103°44'36"W.; to lat. 46°03'21"N., long. 104°31'24"W.; to lat. 46°18'07"N., long. 105°21'48"W.; counter clockwise along the Miles City VOR/DME 25 NM arc; to the point of beginning.

Altitudes: 12,000 feet MSL to, but not including FL 180.

Times of Use: 0730-1200 and 1800-2330 Monday-Thursday and 0730-1200 Friday, by NOTAM 2 hours in advance; other times by NOTAM 4 hours in advance.

Controlling Agency: FAA, Salt Lake ARTCC.

Using Agency: U.S. Air Force, 28th Bomb Wing, Ellsworth AFB, SD.

Powder River 4 High MOA, ND

Boundaries: Beginning at lat. 46°21'47"N., long. 102°41'42"W.; counter clockwise along the Dickinson VORTAC 30 NM arc; to lat. 46°45'46"N., long. 102°03'34"W.; to lat. 46°44'43"N., long. 101°43'10"W.;

to lat. 46°15'44"N., long. 101°19'47"W.; to lat. 46°13'38"N., long. 101°06'17"W.; to lat. 46°02'30"N., long. 101°13'20"W.; to lat. 45°56'25"N., long. 101°17'59"W.; to lat. 45°50'12"N., long. 101°21'01"W.; to lat. 45°24'15"N., long. 101°37'01"W.; counter clockwise along the Dupree VORTAC 20 NM arc; to lat. 45°17'25"N., long. 102°04'42"W.; to lat. 45°30'13"N., long. 102°44'07"W.; to lat. 45°48'35"N., long. 102°44'37"W.; to the point of beginning.

Altitudes: 12,000 feet MSL to, but not including FL 180.

Times of Use: 0730-1200 and 1800-2330 Monday-Thursday and 0730-1200 Friday, by NOTAM 2 hours in advance; other times by NOTAM 4 hours in advance.

Controlling Agency: FAA, Minneapolis ARTCC.

Using Agency: U.S. Air Force, 28th Bomb Wing, Ellsworth AFB, SD.

Gap A Low MOA, MT

Boundaries: Beginning at lat. 45°57'59"N., long. 105°59'23"W.; counter clockwise along the Miles City VOR/DME 25 NM arc; to lat. 45°59'24"N., long. 105°45'07"W.; to lat. 44°47'12"N., long. 105°30'41"W.; to lat. 44°48'11"N., long. 105°45'03"W.; to the point of beginning.

Altitudes: 500 feet AGL to, but not including 12,000 feet MSL.

Times of Use: By NOTAM 4 hours in advance. LFE only.

Controlling Agency: FAA, Denver ARTCC.

Using Agency: U.S. Air Force, 28th Bomb Wing, Ellsworth AFB, SD.

Gap A High MOA, MT

Boundaries: Beginning at lat. 45°57'59"N., long. 105°59'23"W.; counter clockwise along the Miles City VOR/DME 25 NM arc; to lat. 45°59'24"N., long. 105°45'07"W.; to lat. 44°47'12"N., long. 105°30'41"W.; to lat. 44°48'11"N., long. 105°45'03"W.; to the point of beginning.

Altitudes: 12,000 feet MSL to, but not including FL 180.

Times of Use: By NOTAM 4 hours in advance. LFE only.

Controlling Agency: FAA, Denver ARTCC.

Using Agency: U.S. Air Force, 28th Bomb Wing, Ellsworth AFB, SD.

Gap B Low MOA, MT

Boundaries: Beginning at lat. 46°08'55"N., long. 105°27'23"W.; counter clockwise along the Miles City VOR/DME 25 NM arc; to lat. 46°18'07"N., long. 105°21'48"W.; to lat. 46°03'21"N., long. 104°31'24"W.; to lat. 45°52'07"N., long. 103°44'36"W.; to lat. 45°35'42"N., long. 103°01'21"W.; to lat. 45°29'36"N., long. 103°02'33"W.; to lat. 45°29'05"N., long. 103°17'10"W.; to lat. 45°37'48"N., long. 103°52'28"W.; to lat. 45°53'08"N., long. 104°33'46"W.; to the point of beginning.

Altitudes: 500 feet AGL to, but not including 12,000 feet MSL, excluding the airspace 1,500 feet AGL and below within a 3-NM radius of Ekalaka Airport, MT, and Harding County Airport, SD.

Times of Use: By NOTAM 4 hours in advance. LFE only.

Controlling Agency: FAA, Salt Lake ARTCC.

Using Agency: U.S. Air Force, 28th Bomb Wing, Ellsworth AFB, SD.

Gap B High MOA, MT

Boundaries: Beginning at lat. 46°08'55"N., long. 105°27'23"W.; counter clockwise along the Miles City VOR/DME 25 NM arc; to lat. 46°18'07"N., long. 105°21'48"W.; to lat. 46°03'21"N., long. 104°31'24"W.; to lat. 45°52'07"N., long. 103°44'36"W.; to lat. 45°35'42"N., long. 103°01'21"W.; to lat. 45°29'36"N., long. 103°02'33"W.; to lat. 45°29'05"N., long. 103°17'10"W.; to lat. 45°37'48"N., long. 103°52'28"W.; to lat. 45°53'08"N., long. 104°33'46"W.; to the point of beginning.

Altitudes: 12,000 feet MSL to, but not including FL 180.

Times of Use: By NOTAM 4 hours in advance. LFE only.

Controlling Agency: FAA, Salt Lake ARTCC.

Using Agency: U.S. Air Force, 28th Bomb Wing, Ellsworth AFB, SD.

Gap C High MOA, ND

Boundaries: Beginning at lat. 46°22'22"N., long. 102°56'07"W.; counter clockwise along the Dickinson VORTAC 30 NM arc; to lat. 46°21'47"N., long. 102°41'42"W.; to lat. 45°48'35"N., long. 102°44'37"W.; to lat. 45°30'13"N., long. 102°44'07"W.; to lat. 45°29'36"N., long. 103°02'33"W.; to lat. 45°35'42"N., long. 103°01'21"W.; to lat. 45°47'47"N., long. 102°59'01"W.; to the point of beginning.

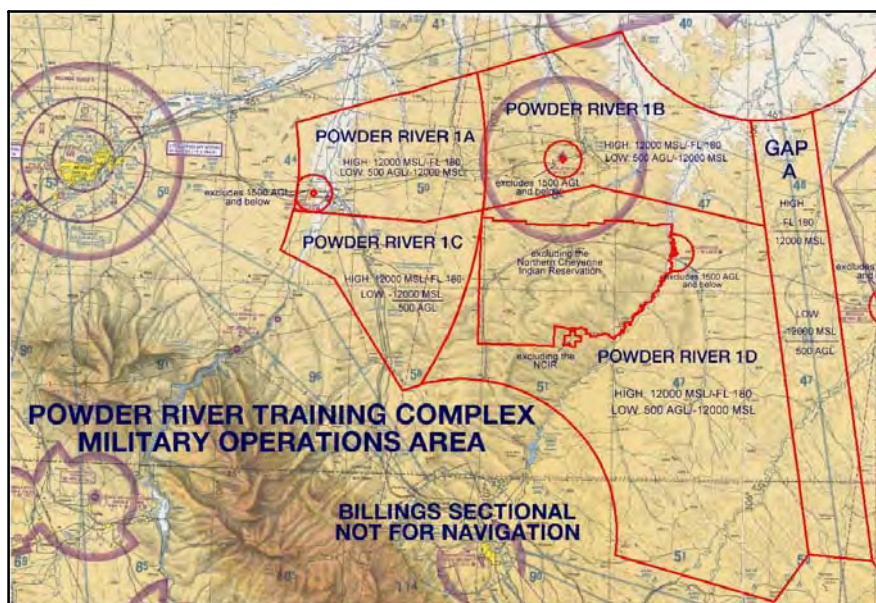
Altitudes: 12,000 feet MSL to, but not including FL 180.

Times of Use: By NOTAM 4 hours in advance. LFE only.

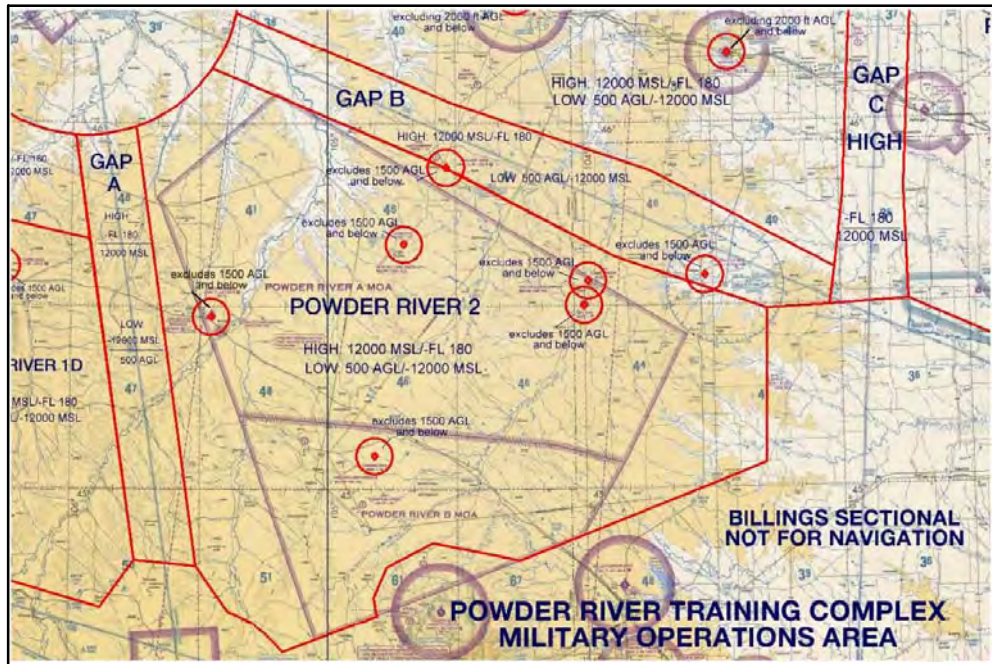
Controlling Agency: FAA, Minneapolis ARTCC.

Using Agency: U.S. Air Force, 28th Bomb Wing, Ellsworth AFB, SD.

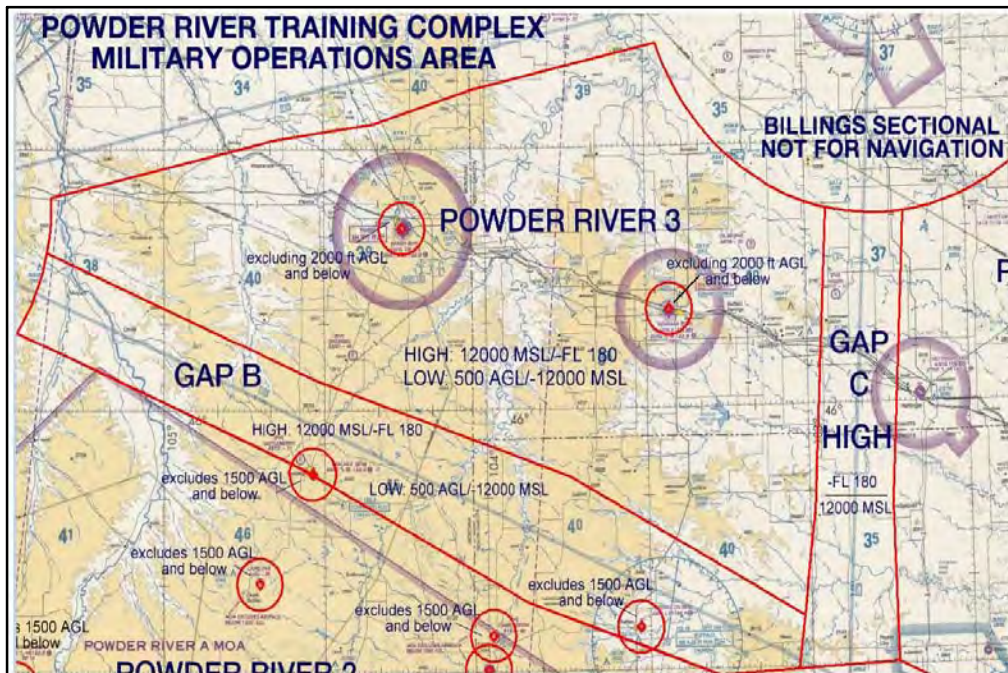
Powder River Training Complex 1



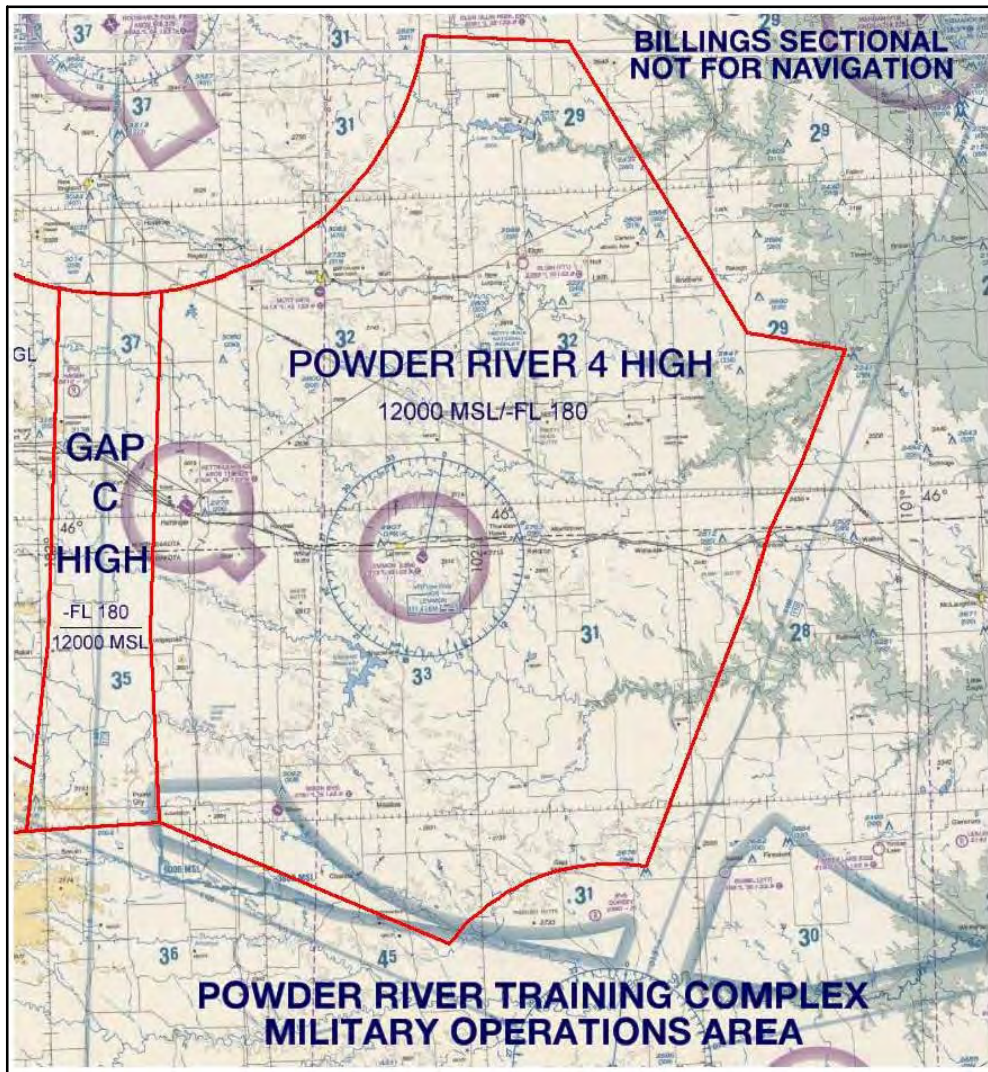
Powder River Training Complex 2



Powder River 3



Powder River 4



SPECIAL USE AIRSPACE

Restricted Areas R-3804A, R-3804B, R-3804C; Fort Polk, LA

Effective Date: October 15, 2015.

Joint Readiness Training Center (JRTC) Fort Polk, located in Fort Polk, LA, is one of two U.S. Army training sites for conducting realistic force on force exercises. Units typically rotate through Fort Polk as one of their final preparations for deployments worldwide. The Fort Polk training environment allows the integration of ground and air forces using the most modern weapons and tactics in highly complex scenarios. Much of the training is accomplished with live ordinance that possess capabilities which exceed the current dimensions of R-3804B.

In order to fully exploit the capabilities of modern weapons systems and provide the required training scenarios that replicate conditions encountered during deployments today, the FAA amended the R-3804 restricted area complex to support the U.S. Army's operational requirements at Fort Polk, LA. The amendments include expanding the lateral and vertical dimensions of restricted area R-3804B; changing the times of designation for R-3804A and R-3804B; updating the using agency information for R-3804A, R-3804B, and R-3804C; and removing unnecessary verbiage from the designated altitudes and times of designation information for R-3804C.

The northern boundary for R-3804B was expanded northward to match the northern boundary of R-3804A and the ceiling for R-3804B raised from 3,000 feet MSL to, but not including, 10,000 feet MSL. These lateral and vertical expansions of R-3804B were accomplished to ensure the containment of the hazardous artillery and mortar fires planned by the U.S. Army.

The time of designation for R-3804A and R-3804B were changed from "Continuous" to "By NOTAM." These changes ensure the restricted areas are available to the U.S. Army when needed for continuous use approximately two weeks each month, but provides a better indication to nonparticipants when the restricted areas are active and when they are available for use by the public.

Lastly, the using agency information for R-3804A, R-3804B, and R-3804C was updated to include the military service component of the using agency in the using agency name. Additionally, this action removed the word "up" in the designated altitudes for R-3804C and removed the words "As published" in the time of designation for R-3804C. These editorial updates were purely administrative changes that do not affect the scheduling, use, or activities conducted within the restricted areas.

R-3804A Fort Polk, LA (Amended)

Boundaries. Beginning at lat. 31°00'53"N., long. 93°08'12"W.; to lat. 31°00'53"N., long. 92°56'53"W.; to lat. 31°00'20"N., long. 92°56'14"W.; to lat. 31°00'20"N., long. 92°54'23"W.; to lat. 31°03'55"N., long. 92°51'34"W.; to lat. 31°09'35"N., long. 92°58'25"W.; to lat. 31°09'35"N., long. 93°00'56"W.; to lat. 31°08'43"N., long. 93°01'55"W.; to lat. 31°08'43"N., long. 93°08'12"W.; to the point of beginning.

Designated altitudes. Surface to FL 180.

Time of designation. By NOTAM.

Controlling agency. FAA, Houston ARTCC.

Using agency. U.S. Army, Commanding General, Fort Polk, LA.

R-3804B Fort Polk, LA (Amended)

Boundaries. Beginning at lat. 31°00'53"N., long. 93°10'53"W.; to lat. 31°00'53"N., long. 93°08'12"W.; to lat. 31°08'43"N., long. 93°08'12"W.; to lat. 31°08'43"N., long. 93°11'00"W.; to lat. 31°04'56"N., long. 93°11'00"W.; to lat. 31°04'15"N., long. 93°12'31"W.; to the point of beginning.

Designated altitudes. Surface to but not including 10,000 feet MSL.

Time of designation. By NOTAM.

Controlling agency. FAA, Houston ARTCC.

Using agency. U.S. Army, Commanding General, Fort Polk, LA.

R-3804C Fort Polk, LA (Amended)

Boundaries. Beginning at lat. 31°00'53"N., long. 93°08'12"W.; to lat. 31°00'53"N., long. 92°56'53"W.; to lat. 31°00'20"N., long. 92°56'14"W.; to lat. 31°00'20"N., long. 92°54'23"W.; to lat. 31°03'55"N., long. 92°51'34"W.; to lat. 31°09'35"N., long. 92°58'25"W.; to lat. 31°09'35"N., long. 93°00'56"W.; to lat. 31°08'43"N., long. 93°01'55"W.; to lat. 31°08'43"N., long. 93°08'12"W.; to the point of beginning.

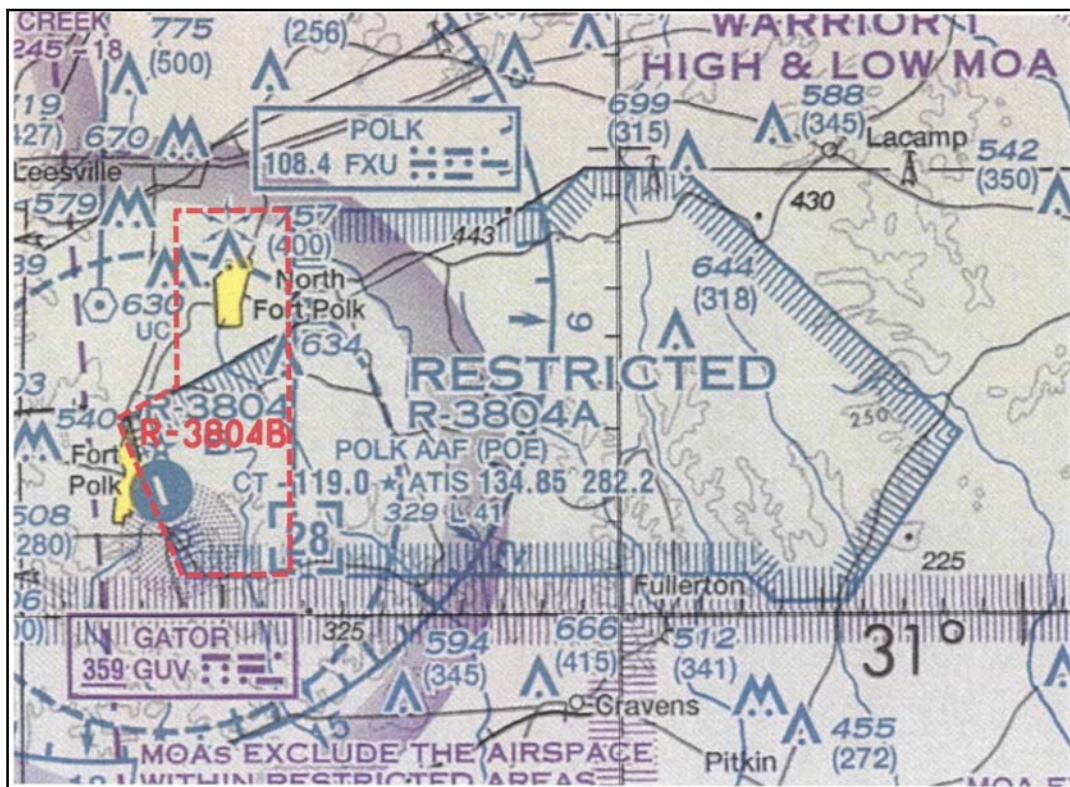
Designated altitudes. FL 180 to but not including FL 350.

Time of designation. By NOTAM 24 hours in advance.

Controlling agency. FAA, Houston ARTCC.

Using agency. U.S. Army, Commanding General, Fort Polk, LA.

Restricted Areas R-3804A, R-3804B, R-3804C; Fort Polk, LA

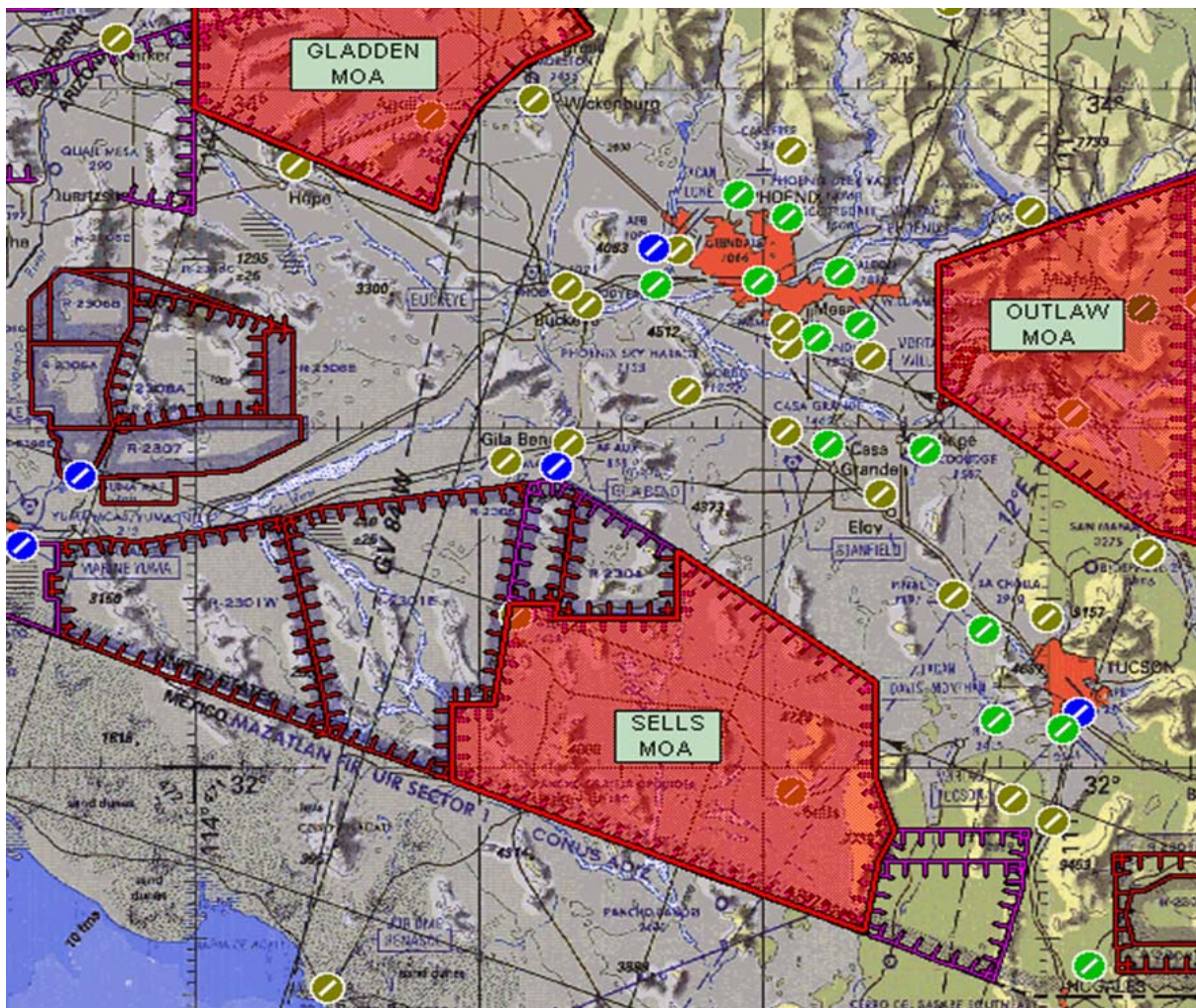


Notice to Pilots and Other Interested Personnel in Southern Arizona

Night Vision Goggle Lights-Out Operations

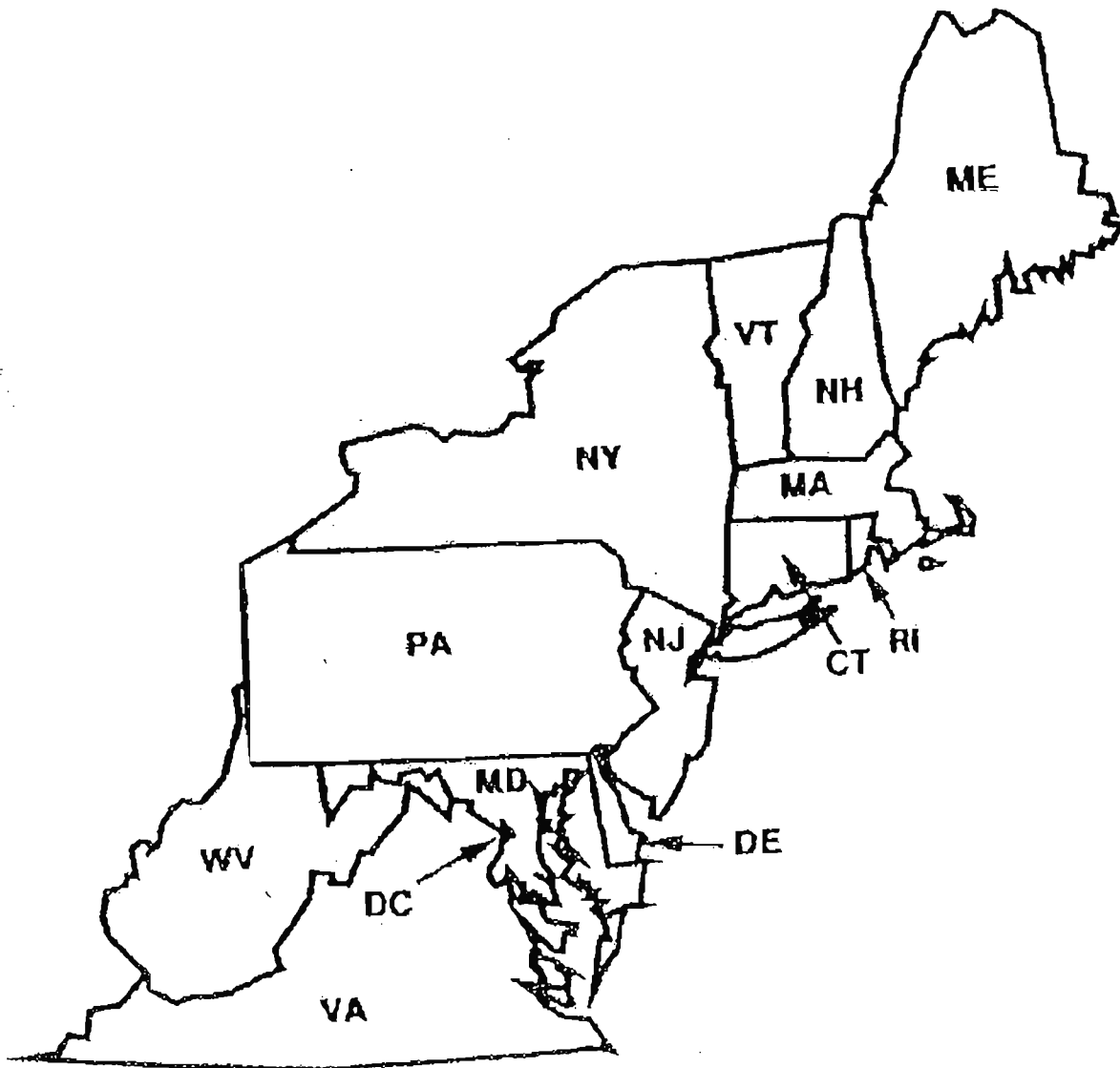
Sells Low/Sells 1 MOA, Arizona

Lights-out night vision goggle training operations will be conducted within the Sells Low/Sells 1 MOAs at all altitudes from sunset to 0700Z, Monday-Friday, or as scheduled by NOTAM when the MOAs are activated for military training. Nonparticipating pilots should contact Albuquerque Center on 126.45 or 125.25 for traffic advisories and NOTAM information.



Section 3. Airport and Facility Notices

Northeast United States



NORTHEAST

PHILADELPHIA INTERNATIONAL AIRPORT

Special Authorization to Conduct Simultaneous Approaches to Runway 26 with Departures from Runway 27R

Philadelphia International Air Traffic Control Tower has been granted a waiver that authorizes air traffic personnel to conduct simultaneous ILS approaches to Runway 26 while aircraft simultaneously depart Runway 27R.

(PHL ATCT 3/25/2010)

BALTIMORE–WASHINGTON INTERNATIONAL AIRPORT (BWI)

STANDARD TAXI ROUTES

Baltimore, Maryland

Baltimore Tower has instituted Standard Taxi Routes to Runway 28 for departure aircraft located at Pier A, B, C, and the southern portion of Pier D. Ground Control will issue the Standard Taxi Route. Pilots who are unable to comply with standardized routes should advise Ground Control on initial contact. **Read back all hold short instructions.** Aircraft operators are required to have a letter of agreement with Baltimore Tower to use the Standard Taxi Routes.

RUNWAY 28		
Start Point	Route ID	Route
Pier A, Pier B Pier C Gates 2, 4, 6, 8, 12 & 16	Perrys 1	Taxiways A, P1, U
Pier C Gates 1, 3, 5, 7, 9, 11, 13 & 15 Pier D Gates 2, 4, 7, 8, 10, 11, 12, 13, 14, 15 & 16	Perrys2	Taxiways A, C

Special Authorization to Conduct Line Up and Wait (LUAW) Operations at Intersection

Pittsburgh Tower is authorized to taxi aircraft to line up and wait (LUAW) on Runway 28L at the intersection of Taxiway P during the hours of darkness. While conducting the LUAW operation, the specific runway must be used only for departure and the intersection must be visible from the tower.

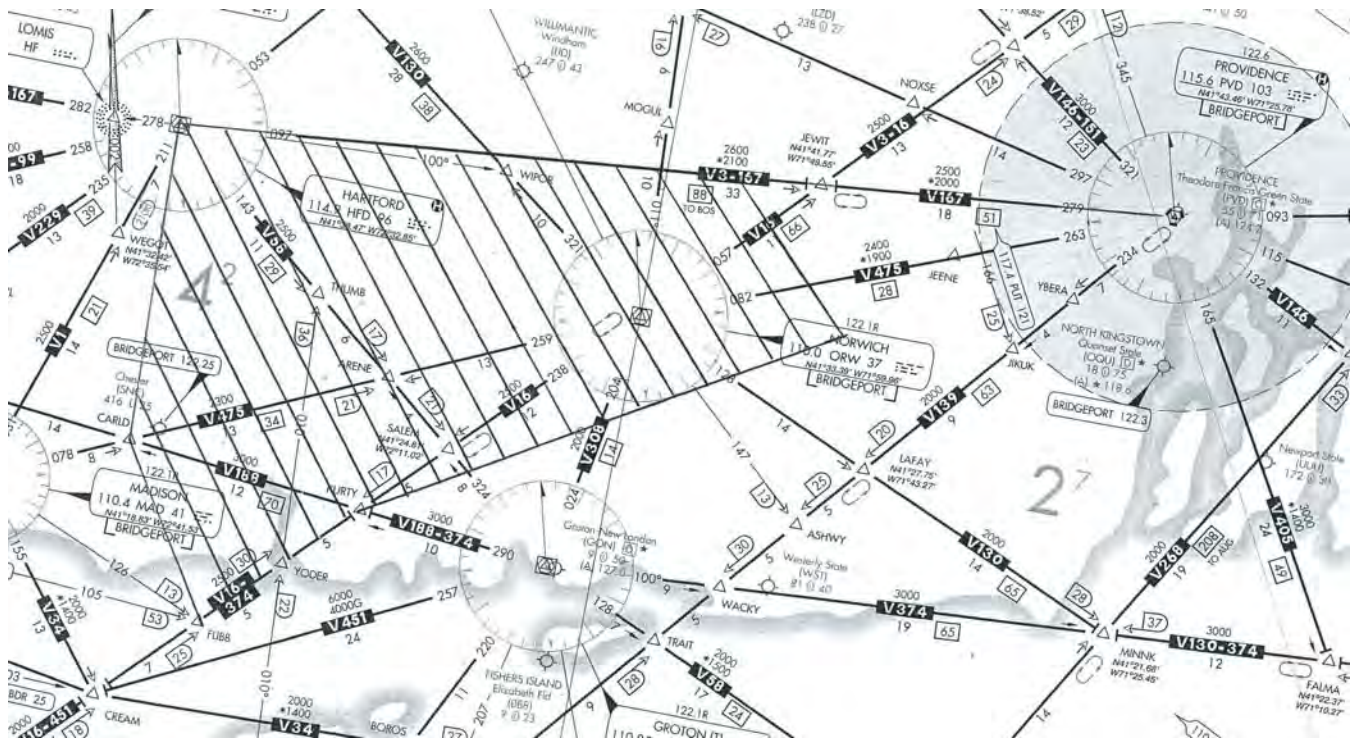
PROVIDENCE TERMINAL RADAR APPROACH CONTROL

Limited ASR-9 Radar Weather Coverage

Effective Until Further Notice

Providence Terminal Radar Approach Control ASR-9 radar weather services are limited as delineated in the diagram below. Air Traffic Control radar equipment may not be depicting all available weather in the area delineated in the diagram below. During periods of adverse weather conditions, vigilance is highly recommended.

(ANE, 8/26/09)



BOSTON-LOGAN INTERNATIONAL AIRPORT (KBOS)

Boston, Massachusetts

Land and Hold Short Operations (LAHSO)

Boston-Logan Airport (BOS) has received authorization to allow a Land and Hold Short Operation (LAHSO) to take place between an arriving and departing aircraft on certain runway pairs. This Arrival - Departure LAHSO is authorized at the following locations:

Arrivals on Rwy 15R (short of Rwy 9/27) - for aircraft departing on Rwy 9.

Arrivals on Rwy 27 (short of Rwy 22L/4R) - for aircraft departing on Rwy 22L.

A Rejected Landing Procedure (RLP) is required for the two LAHSO operations described above. A RLP is defined as: *“A published, predetermined heading to be used in the event of a rejected landing. Unless alternate instructions are given by ATC, pilots are expected to execute the procedure as published and remain clear of clouds.”*

The associated Rejected Landing Procedure (RLP) for each of the Arrival - Departure LAHSO configurations noted above is as follows:

Arrival - Departure LAHSO Configuration	Rejected Landing Procedure (RLP)
LAHSO on RWY 15R - Short of RWY 9 (when aircraft are departing Rwy 9)	<u>TURN RIGHT HEADING 180</u>
LAHSO on RWY 27 - Short of RWY 22L (when aircraft are departing Rwy 22L)	<u>TURN RIGHT HEADING 300</u>

It is important to note that at Boston-Logan Airport (KBOS), the RLP is only applicable if the intersecting runway is being utilized by a departing aircraft.

Arrival - Arrival LAHSO also takes place on Runway 15R (short of Rwy 9/27) to accommodate aircraft arriving on Runway 9, and, on Runway 27 (short of Rwy 22L/4R) to accommodate aircraft arriving on Runway 22L.

The Rejected Landing Procedures (RLP) noted above are not applicable when the intersecting runway is being utilized by an arriving aircraft.

OPERATIONAL EVALUATION OF RUNWAY STATUS LIGHTS (RWSL) LOGAN INTERNATIONAL AIRPORT (KBOS), Boston, Massachusetts

PURPOSE

The Federal Aviation Administration (FAA) will be conducting an assessment of **Takeoff Hold Lights (THLs), Runway Entrance Lights (RELs), and NEW Runway Intersection Lights (RILs)**, part of the Runway Status Lights (RWSL) system, at Logan International airport in Boston Massachusetts. The operational evaluation of RWSL at BOS will commence on or about May 24, 2010, and last three (3) months. If successful, the operational evaluation may be extended until the prototype RWSL system at BOS is replaced by a production system. RWSL at BOS is an experimental system that uses both primary and secondary surveillance to dynamically turn on/off lights indicating runway occupancy status directly to pilots. RWSL seeks to improve airport safety by indicating when it is unsafe to cross or enter a runway or runway/runway intersection or take off from a runway. RWSL is an automatic, advisory backup system designed to prevent or reduce the severity of runway incursions. RELs will be tested at selected taxiway-runway intersections on runways 4L/22R, 4R/22L, 15R/33L, and 9/27, THLs will be tested at full-length departure locations on runways 9 and 15R, and RILs will be tested at the runway/runway intersection of 15R and 9 at Logan International Airport (KBOS).

LIGHTING

RWSL conveys the **runway occupancy status**, indicating when a runway is unsafe to enter or cross through the use of in-pavement Runway Entrance Lights (RELs), when it is unsafe to take off through the use of in-pavement Takeoff Hold Lights (THLs), and when it is unsafe to enter or cross a runway/runway intersection through the use of Runway Intersection Lights (RILs). RELs, THLs, and RILs are installed only at selected intersections as described below.

Runway Entrance Lights (RELs)

RELs are a series of **red**, in-pavement lights spaced evenly along the taxiway centerline from the taxiway hold line to the runway edge. One REL is placed just before the hold line and one REL is placed near the runway centerline. All RELs are directed toward the **runway hold line** and are oriented to be visible only to pilots and vehicle operators entering or crossing the runway from that location.

RELs are operational at the following intersections of Runway 4L/22R:

- **Taxiways E and K on both sides of the runway**

RELs are operational at the following intersection of Runway 4R/22L:

- **Taxiway E on the east side of the runway only**

RELs are operational at the following intersection of Runway 15R/33L:

- **Taxiway D on the west side of the runway only**

RELs are operational at the following intersection of Runway 9/27:

- **Taxiway C on the north side of the runway only**

***Refer to Figure 1 in the ATTACHMENTS section for a diagram of RELs locations.**

Takeoff Hold Lights (THLs)

THLs are directed toward the **approach end** of the runway and are visible to pilots 1) in position for takeoff, or 2) just commencing departure, or 3) on short final approach to land. There are two sets of THLs, each comprising a series of sixteen, double-row, **red** in-pavement lights at 100' spacing straddling the runway centerline beyond the beginning of the runway takeoff threshold for a length of 1,500'. The two sets of THLs are operational at the full-length departure positions on runways 15R and 9 as follows:

- Runway 15R: from 375' beyond the beginning of the runway takeoff threshold for a length of 1500'**
- Runway 9: from 375' beyond the beginning of the runway takeoff threshold for a length of 1500'**
- ***Refer to Figure 2 in the ATTACHMENTS section for a diagram of THLs locations.**

Runway Intersection Lights (RILs)

RILs are directed toward the approach end of the runway and are visible to 1) pilots in departure roll or landing roll out or 2) to all pilots and vehicle operators taxiing/driving on the runway approaching the runway/runway intersection. RILs are comprised of a series of double-row, **red**, in-pavement lights at 100' spacing straddling the runway centerline for a length of 3000' leading up to and stopping at the runway/runway intersection hold lines. RILs at BOS are operational at the runway/runway intersection of 15R and 9 as follows:

- Runway 15R: beginning at the LAHSO hold line on 15R for the 15R/9 intersection extending back toward the approach end of 15R for a length of 3000'**
- Runway 9: beginning at the runway/runway hold like on 9 for the 15R/9 intersection extending back toward the approach end of 9 for a length of 3000'**
- ***Refer to Figure 3 in the ATTACHMENTS section for a diagram of RILs locations.**

OPERATION

RWSL is a visual advisory system for use by pilots and vehicle operators to increase and maintain situational awareness of high-speed aircraft or vehicles on runways. It operates independently of Air Traffic Control. Runway Status Lights have two states: ON (lights are illuminated **red**) and OFF (lights are off) and are switched automatically based on information from the airport surface surveillance systems. These surveillance systems include airport surveillance radar (ASR), airport surface detection equipment radar (ASDE-3), and multilateration information from the ASDE-X surveillance system.

IT IS IMPORTANT THAT TRANSPONDERS BE TURNED ON AND KEPT ON WHILE TAXIING IN THE MOVEMENT AREA SO THAT BEACON-BASED POSITION AND AIRCRAFT IDENTIFICATION DATA ARE AVAILABLE TO RWSL.

Pilots should maintain an awareness of the Runway Status Lights. RELs that are ON (illuminated **red**) indicate that the runway ahead is not safe to enter or cross. THLs that are ON (illuminated **red**) indicate that the runway is not safe for takeoff. RILs that are ON (illuminated **red**) indicate that the runway/runway intersection ahead is not safe to enter or cross. Pilots and vehicle operators should remain clear of a runway when RELs along their taxi route are illuminated. Pilots should not take off when THLs on the runway ahead are illuminated. Pilots and vehicle operators should remain clear of the runway/runway intersection ahead when RILs are illuminated on their runway.

RED RELs, THLs, and RILs MEAN STOP!

Lights that are off convey no meaning. THE SYSTEM IS NOT, AT ANY TIME, INTENDED TO CONVEY APPROVAL OR CLEARANCE TO PROCEED ONTO A RUNWAY OR TO TAKE OFF FROM A RUNWAY.

Pilots remain obligated to comply with all ATC clearances, except when compliance would require crossing illuminated **red** RELs, THLs, or RILs. In such a case, the crews should HOLD SHORT of the runway for RELs, STOP the aircraft for THLs and RILs (if possible), CONTACT ATC, and await further instructions. If the pilots notice illuminated **red** RELs and remaining clear of the runway is impractical for safety reasons, then crews should proceed according to their best judgment of safety (understanding that illuminated RELs indicate the runway is unsafe to cross or enter) and contact ATC at the earliest opportunity. If the pilots notice illuminated **red** THLs and aborting takeoff from the runway is impractical for safety reasons, then crews should proceed according to their best judgment of safety (understanding that the illuminated THLs indicate the runway is unsafe for takeoff) and contact ATC at the earliest opportunity. If the pilots are on short final and notice an illuminated **red** THL, then crews should inform ATC they are going around because of **red** lights on the runway. If pilots or vehicle operators notice illuminated **red** RILs and stopping is impossible, then crews should proceed according to their best judgment of safety (understanding that the illuminated RILs indicate the runway/runway intersection ahead is unsafe for entry or crossing) and contact ATC at the earliest opportunity.

ATC may disable RWSL at any time if in their judgment the system is interfering with normal, safe operations. Pilots are requested when taxiing on the runway to limit taxi speed to below 30 knots so as not to unnecessarily turn on the RELs and RILs, except when directed otherwise

HOURS OF TESTING

During the current phase of testing, the RWSL system will be operational 24/7 except for short scheduled and non-scheduled maintenance periods. The current operational status of the RWSL system will be broadcast on the ATIS.

TEST CONFIGURATIONS AND RUNWAYS

RWSL testing of select light types at select locations will be conducted on runways 4L/22R, 4R/22L, 15R/33L, and 9/27 at BOS.

PILOT EVALUATION

An important part of the assessment includes collecting feedback from pilots. It is essential that pilots respond to brief surveys available on various venues including the RWSL website via the Internet, www.RWSL.net, in-flight operations offices and domiciles at the BOS airport. Voluntary interviews with pilots will be conducted during the test period. Pilots are encouraged to respond with comments by answering the surveys on the website or by e-mail to:

Peter V. Hwoschinsky
FAA, ATO-P
800 Independence Avenue
Washington, D.C. 20591 SW
Voice: (202) 493-4696 Fax: (202) 267-5111 Email: peter.hwoschinsky@faa.gov

Please note that pilot feedback is essential to an accurate assessment of the acceptability and utility of the RWSL system.

ATTACHMENT

Runway diagram of BOS with RELs locations



Figure 1. Runway Entrance Lights (RELs) Locations on 4L/22R, 4R/22L, 15R/33L, and 9/27

Runway Diagram of BOS with THLs Locations



Figure 2. Takeoff Hold Lights (THLs) Locations on 15R and 9

Runway Diagram of BOS with RILs Locations



Figure 3. Runway Intersection Lights (RILs) Locations on 15R and 9

Runway Entrance Lights (RELs)

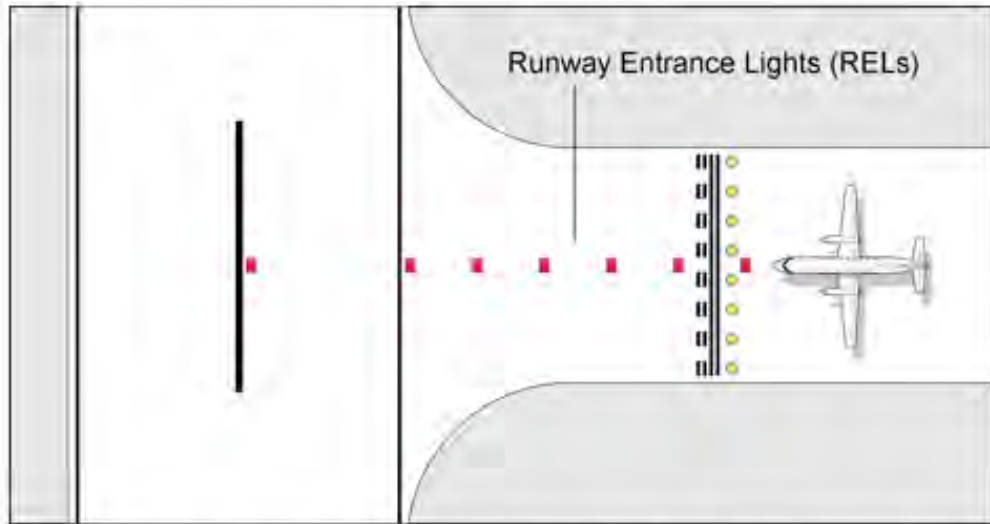


Figure 4. Generic illustration of Runway Entrance Lights (RELs) along a straight taxiway centerline (not to scale)

Takeoff Hold Lights (THLs)

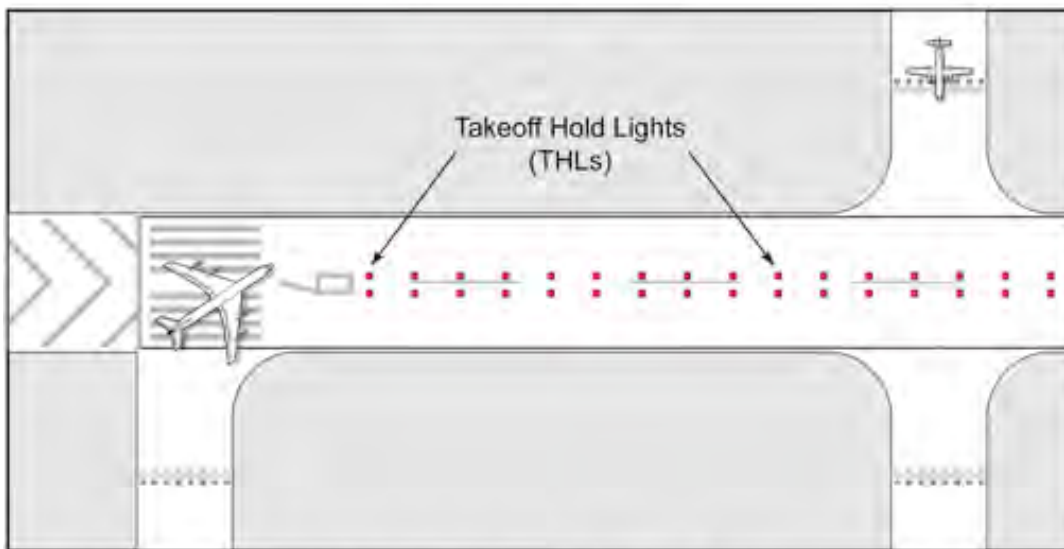


Figure 5. Generic illustration of double-row THLs straddling the runway centerline (not to scale)

Runway Intersection Lights (RILs)

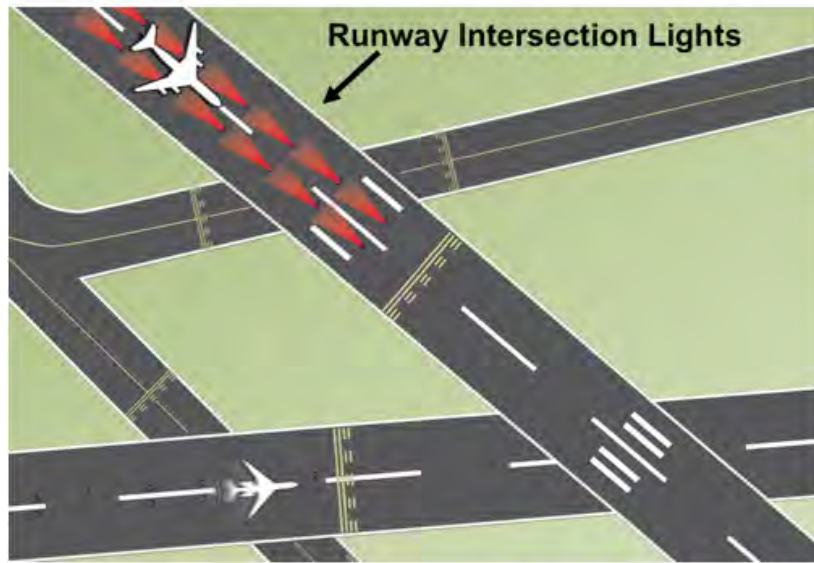


Figure 6. Generic illustration of double-row RILs straddling the runway centerline (not to scale)

Runway Status Lights (RWSL) Operational Concept with RELs, THLs, and RILs



Figure 7. Conceptual diagram of the Runway Status Light System with surveillance sources driving RELs, THLs, and RILs shown illuminated in red

PHILADELPHIA INTERNATIONAL AIRPORT

RUNWAY 35 ARRIVALS PROCEDURES

“TALL SHIP” IN RIVER CHANNEL

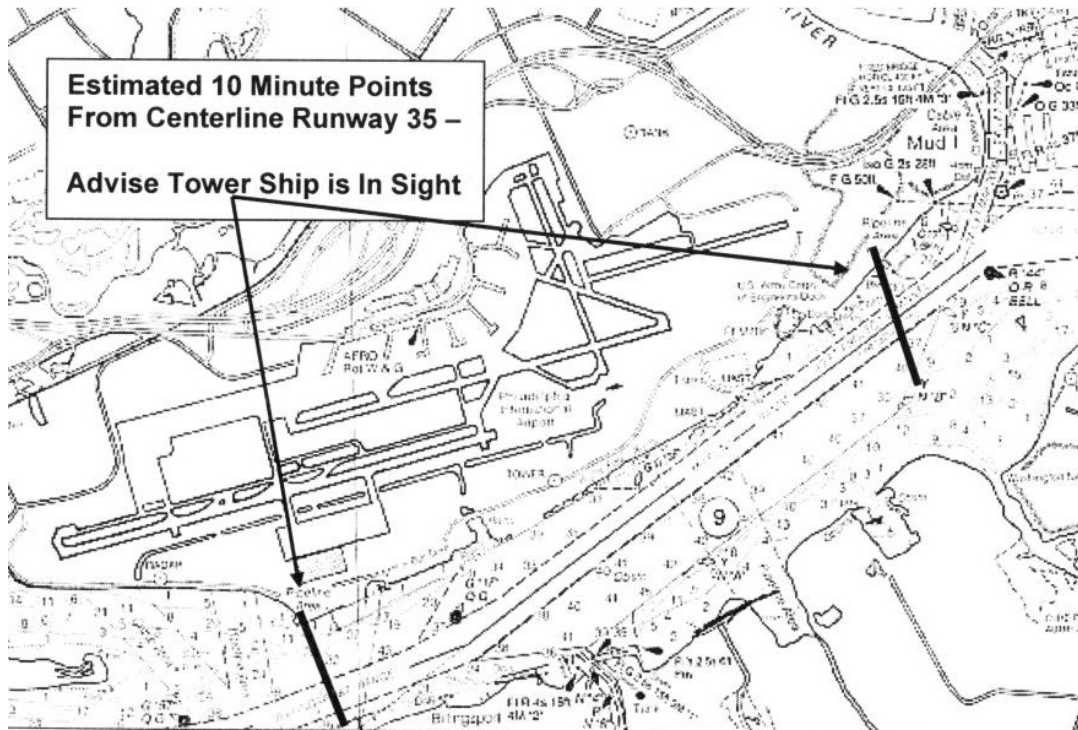
Ships with an air-draft (height above the water) of 125' or greater could be a penetration of the 20:1 Threshold Siting Surface, as referenced in the Federal Aviation Administration's (FAA) Advisory Circular AC 150/5300-13, *Airport Design*.

In 2004 procedures were put in place requiring the PHL TRACON to cease arrival operations to Runway 35 upon a 10 minute notification from the Department of Aviation “River Watch” when a “Tall Ship” is approaching the airport. Arrivals to Runway 35 may resume only upon notification from “River Watch” that the “Tall Ship” has cleared the Runway 35 Arrival Path.

When the time estimates are off even slightly, arrival aircraft that are lined up for Runway 35 must be re-routed into existing traffic flows to other runways.. At peak arrival periods there may be no available capacity on any other runway.

To reduce the impact on aircraft operations due to last minute re-sequencing to other runways and en-route holding of aircraft, on August 1, 2011 PHL ATCT will institute the following changes to Runway 35 “Tall Ship” arrival procedures:

From Sunrise to Sunset: From 10 minutes before a “Tall Ship” enters the Runway 35 Arrival Path, until the “Tall Ship” clears the Runway 35 Arrival Path; the PHL TRACON will clear aircraft for a Visual Approach Runway 35. The Approach Controller will advise the aircrew of the presence of a “Tall Ship” in the channel, and instruct the aircrew to report the ship “in sight” to the Tower Controller, then transfer the aircraft to the Tower. Once the aircrew reports that the “Tall Ship” is “in sight”, the Tower Controller will issue landing clearance. The Tower Controller would assist the pilot in acquiring the ship traffic by advising of direction of travel, or position if the vessel is pushing off the piers. Aircraft are not expected to directly over-fly a “Tall Ship”.



These procedures would be utilized from sunrise to sunset, during Visual Meteorological Conditions (VMC), utilizing Visual Approaches only. To conduct visual approaches, Air Traffic rules require cloud ceilings to be at least 500' above the Minimum Vectoring Altitude (MVA). The MVA south of the airport is 1600'. This effectively restricts Air Traffic from conducting visual approaches to Runway 35 to periods with weather conditions greater than 2100' ceilings, and assuming a standard rate of descent of 310' per nautical mile, between 5-6 miles visibility. This procedure would give a pilot more than ample time to visually acquire both the airport and a "Tall Ship".

BRADLEY INTERNATIONAL AIRPORT INSTALLATION OF IN-PAVEMENT LAND AND HOLD SHORT (LAHSO) LIGHTS

WINDSOR LOCKS, CONNECTICUT

The State of Connecticut has installed in pavement Land and Hold Short (LAHSO) Lights on Runway 24 at the hold short point of Runway 33. The available landing distance (ALD) remains unchanged at 5850 feet, allowing LAHSO Group 6 and below aircraft to utilize LAHSO procedures. In-Pavement LAHSO lights have also been installed on Runway 33 at the hold short point of Runway 24. The ALD remains unchanged at 4550 feet, allowing LAHSO Group 5 and below to utilize LAHSO procedures.

LAHSO lights appear as a bar of white pulsing lights in the pavement coincident with the painted hold short markings on the runway.

The LAHSO Lights will be illuminated whenever BDL is advertising that LAHSO operations are in use, when Runway 24 or Runway 33 is active and the airport is VFR, and when the runways are dry. Operators are advised that LAHSO lighting will remain illuminated regardless of whether a specific aircraft is instructed to land and hold short. Affected operators will be specifically instructed to LAHSO.

An ATIS message will broadcast when LAHSO is in use, which includes the ALD for each configuration.

The presence of LAHSO lights is a prerequisite condition that permits air-carrier and mixed LAHSO operations. Those operators that cannot accept LAHSO are expected to advise ATC on initial contact or as soon as practical thereafter.

USE OF RUNWAY STATUS LIGHTS (RWSL) AT THE DULLES INTERNATIONAL AIRPORT (IAD)

DULLES, VA

Effective Date: July 24, 2013

The Federal Aviation Administration (FAA) will operate the Runway Status Lights (RWSL) system at Dulles International Airport (IAD) commencing on July 24, 2013.

Runway Status Lights, indicate when a runway is unsafe to enter, cross, or take-off through the use of in-pavement red lights installed only at selected intersections and runways as described below.

Lighting

RWSL conveys the **runway occupancy status**, indicating when a runway is unsafe to enter through the use of red in-pavement warning Runway Entrance Lights (RELs) and when it is unsafe to take off through the use of red in-pavement warning Takeoff Hold Lights (THLs).

The RELs are a series of red lights, typically 6, 7 or up to 20+ in-pavement lights spaced evenly along the taxiway centerline from the taxiway hold line to the runway edge. One REL is placed just before the hold line and one REL is placed near the runway centerline. All RELs are directed toward the **runway hold line** and are oriented to be visible only to pilots and vehicle operators entering or crossing the runway from that location. RELs are operational at the following intersections at MCO:

- Runway 19R/1L
 - Taxiways U, U1, U6 and U7
- Runway 19C/1C
 - Taxiways W2, W3, W4, D, E, Z, Y1, Y6 AND Y7
- Runway 19R/1L
 - Taxiways J, J1, K1 and K8

THLs are directed toward the **approach end** of the runway and are visible to pilots in position for takeoff or just commencing departure roll. There are two sets of THLs, each comprising a series of sixteen **red** in-pavement lights at 100' spacing along the runway centerline. The two sets of THLs are operational at the full-length departure positions on the following runways at IAD:

- 1C
- 19C

When operating at airports with RWSL, pilots will operate with the transponder "On" when departing the gate or parking area until arrival at the gate or parking area. This ensures interaction with the FAA surveillance systems which provide information to the RWSL system.

Runway Status Lights indicate runway status only. They do not substitute for an ATC clearance. Pilots are still required to receive an ATC clearance as they normally would for any operation on the runway.

Pilots are encouraged to learn more about the RWSL system at http://www.faa.gov/air_traffic/technology/rwsl/

**NOTICES TO AIRMEN (NOTAM) FOR THE OPERATIONAL
USE OF RUNWAY STATUS LIGHTS (RWSL) AT THE NEWARK LIBERTY
INTERNATIONAL AIRPORT (EWR), NEWARK, NJ**

The Federal Aviation Administration (FAA) will operate the Runway Status Lights (RWSL) system at Newark International Airport (EWR) commencing on October 28, 2015.

Runway Status Lights, indicate when a runway is unsafe to enter, cross, or take-off through the use of in-pavement red lights installed only at selected intersections as described below.

LIGHTING

RWSL conveys the **runway occupancy status**, indicating when a runway is unsafe to enter through the use of red in-pavement warning Runway Entrance Lights (RELs).

The RELs are a series of red lights, typically 6, 7 or up to 20+ in-pavement lights spaced evenly along the taxiway centerline from the taxiway hold line to the runway edge. One REL is placed just before the hold line and one REL is placed near the runway centerline. All RELs are directed toward the **runway hold line** and are oriented to be visible only to pilots and vehicle operators entering or crossing the runway from that location. RELs are operational at the following intersections at EWR:

•**Runway 4L/22R**

□**Taxiways CC, Z (EAST SIDE) Taxiways V, N, C, E, G, J, K, L, M, Y, W (EAST AND WEST SIDE)**

•**Runway 29/11**

□**Taxiways P (SOUTH SIDE) Taxiways U, S, R (NORTH AND SOUTH SIDE)**

When operating at airports with RWSL, pilots will operate with the transponder "On" when departing the gate or parking area until arrival at the gate or parking area. This ensures interaction with the FAA surveillance systems which provide information to the RWSL system.

Runway Status Lights indicate runway status only. They do not substitute for an ATC clearance. Pilots are still required to receive an ATC clearance as they normally would for any operation on the runway.

Pilots are encouraged to learn more about the RWSL system at http://www.faa.gov/air_traffic/technology/rwsl/

Southeast United States



ATLANTA TRACON

PREFERRED ARRIVAL ROUTES - AIRCRAFT ARRIVING ATLANTA NORTH SATELLITE AIRPORTS FROM THE SOUTH

Effective July 29, 2010, two new STARs will be published for IFR aircraft arriving Atlanta North Satellite airports from the south. The STARs are the DIFFI and the JRAMS RNAV.

To the maximum extent possible, aircraft arriving the following airports should file either the DIFFI* or JRAMS RNAV STAR*:

<u>Airport</u>	<u>STAR(s)</u>
Canton, Cherokee County Airport (47A)	DIFFI/JRAMS
Cartersville Airport (VPC)	DIFFI/JRAMS
Cobb County, McCollum Field (RYY)	DIFFI/JRAMS
Dallas, Paulding County Regional Airport (PUJ)	DIFFI/JRAMS
DeKalb-Peachtree Airport (PDK)	DIFFI/JRAMS
Dobbins Air Reserve Base (MGE)	DIFFI/JRAMS
Fulton County Airport - Brown Field (FTY)	DIFFI/JRAMS
Gainesville, Lee Gilmer Memorial Airport (GVL)	DIFFI
Lawrenceville, Gwinnett County - Briscoe Field (LZU)	DIFFI/JRAMS
Monroe-Walton County Airport (D73)	JRAMS

*File the STAR that is most closely aligned with your route of flight.

Questions about these procedures should be referred to:

Jim Allerdice
Operations Support Specialist
Atlanta TRACON (A80)
Phone: 678-364-6169
E-mail: james.allerdice@faa.gov

ATLANTA TRACON

THE USE OF VISUAL SEPARATION FOR AIRCRAFT TRANSITIONING BETWEEN ATLANTA ATCT and ATLANTA APPROACH / DEPARTURE CONTROL

FAA JOINT ORDER 7110.65 authorizes the application and use of Visual Separation between aircraft under the control of the same facility. Historically in Terminal Facilities, Air Traffic Controllers worked in an Up/Down environment. They would rotate through the RADAR room and the Tower. In recent years, the Federal Aviation Administration has separated these functions at select locations and created a separate RADAR facility, know as a TRACON (Terminal RADAR Approach Control). This is the case in Atlanta, Georgia. Atlanta ATCT (ATL) and Atlanta TRACON (A80) are two separate and distinct air traffic facilities, each with their own employees.

In keeping with the spirit and intent of the regulations and rules governing the National Airspace System, the use and application of Visual Separation for aircraft transitioning between the two facilities will continue as if the two facilities remained one.

There will be no change in the use or application of Visual Separation in the Atlanta Terminal area, therefore the users of the National Airspace System should see no difference and this will have no effect on the flying community.

Questions about this procedure should be referred to:

Mark J. Dillon
Operations Support Specialist
Atlanta TRACON (A80)
Ph: 678-364-6175
E-mail: mark.dillon@faa.gov

**NOTICES TO AIRMEN (NOTAM)
FOR THE OPERATIONAL USE
OF RUNWAY STATUS LIGHTS (RWSL)
AT ORLANDO INTERNATIONAL AIRPORT (MCO),
ORLANDO, FL**

The Federal Aviation Administration (FAA) will operate the Runway Status Lights (RWSL) system at Orlando International Airport (MCO) commencing on May 31 2011.

Pilots are encouraged to learn more about the RWSL system at http://www.faa.gov/air_traffic/technology/rwsl/.

RWSL at MCO are operational, indicating when a runway is unsafe to enter, cross, or take-off through the use of in-pavement RELs and THLs, installed only at selected intersections and runways as described below.

RELs are operational at the following MCO runway intersections:

•**Runway 17R/35L**

- Taxiways F (east side), H1 and K**

•**Runway 18L/36R**

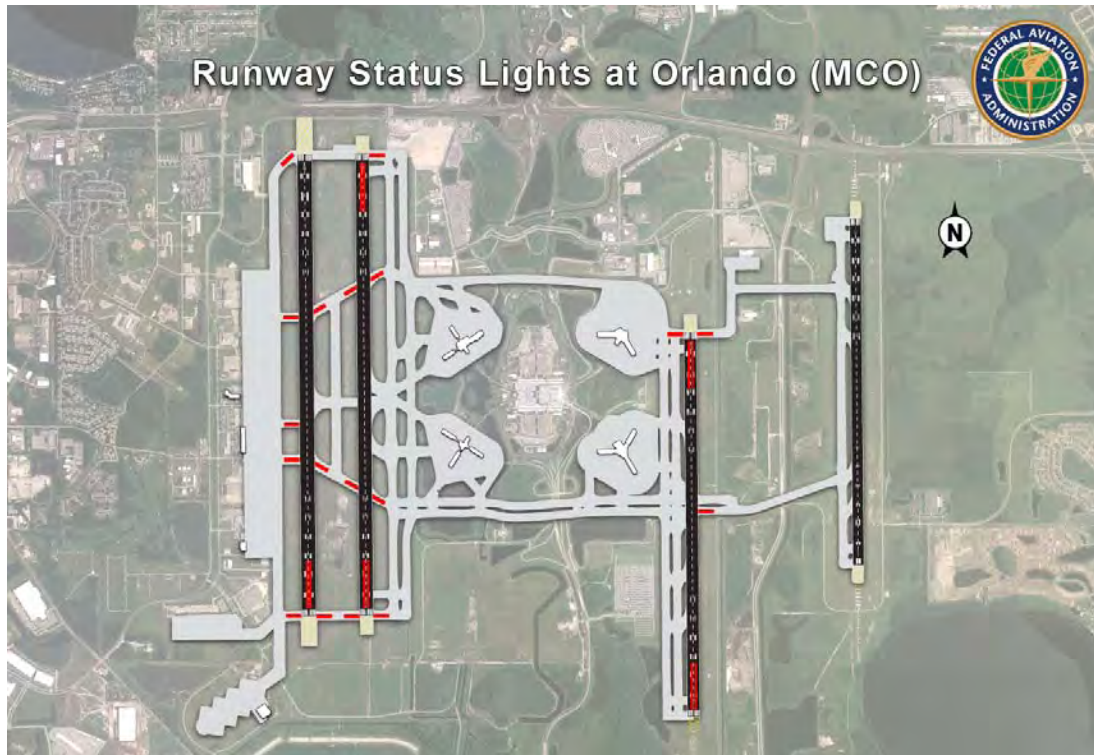
- Taxiways B10 (East and West), E (East and West), J (East and West), and B1 (east side)**

•**Runway 18R/36L**

- Taxiways A1, A2, A3, B10, E (East and West), and J (East and West)**

THLs are operational on the following MCO runways:

- 36L**
- 36R**
- 18L**
- 17R**
- 35L**



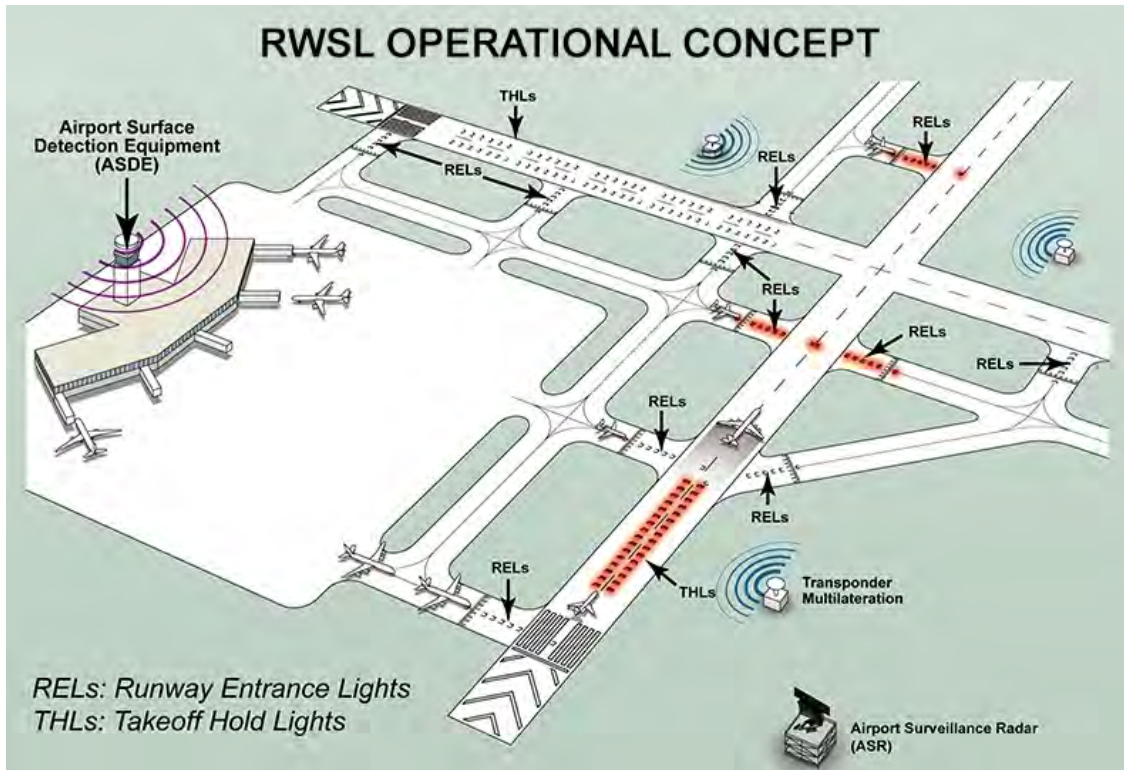
PURPOSE

The RWSL system will include Runway Entrance Lights (RELs) at certain intersections and Take-off Hold Lights (THLs) on certain runways. The RWSL system uses both primary and secondary surveillance to dynamically turn on/off lights indicating runway occupancy status directly to pilots. RWSL will improve airport safety by indicating when it is unsafe to cross or enter a runway. RWSL is an automatic, advisory backup system designed to prevent or reduce the severity of runway incursions.

When operating at airports with RWSL, pilots will operate with the transponder “On” when departing the gate or parking area until it is shutdown upon arrival at the gate or parking area. This ensures interaction with the FAA surveillance systems which provide information to the RWSL system.

LIGHTING

RWSL is an advisory system for use by pilots and vehicle operators to increase and maintain situational awareness of high-speed aircraft or vehicles on runways. It operates independently of Air Traffic Control. Runway Status Lights have two states: ON (lights are illuminated red) and OFF (lights are off) and are switched automatically based on information from the airport surface surveillance systems. These surveillance systems include Airport Surveillance Radar (ASR), airport Surface Movement Radar (SMR) and Multilateration (MLAT) information from the ASDE-X surveillance system. **IT IS IMPORTANT THAT TRANSPONDERS BE TURNED ON AND KEPT ON WHILE TAXIING ON THE MOVEMENT AREA SO THAT BEACON-BASED POSITION AND AIRCRAFT IDENTIFICATION DATA ARE AVAILABLE TO RWSL.** Pilots should maintain an awareness of the Runway Status Lights.



Runway Entrance Lights (RELs)

The RELs are a series of **red** lights, typically 6, 7 or up to 20+ in-pavement lights spaced evenly along the taxiway centerline from the taxiway hold line to the runway edge. One REL is placed just before the hold line and one REL is placed near the runway centerline. All RELs are directed toward the **runway hold line** and are oriented to be visible only to pilots and vehicle operators entering or crossing the runway from that location.



REL Operation

RELs that are ON (illuminated **red**) indicate that the runway ahead is not safe to enter or cross. Pilots and vehicle operators should remain clear of a runway when RELs along their taxi route are illuminated. **RED RELS MEAN STOP!** Lights that are off convey no meaning. THE SYSTEM IS NOT, AT ANY TIME, INTENDED TO CONVEY APPROVAL OR CLEARANCE TO PROCEED ONTO A RUNWAY. Pilots remain obligated to comply with all ATC clearances, except when compliance would require crossing illuminated red RELs. In such a case, the crews should **HOLD SHORT** of the runway for RELs, CONTACT

ATC, and await further instructions. If the pilots notice illuminated red RELs and remaining clear of the runway is impractical for safety reasons, then crews should proceed according to their best judgment of safety (understanding that illuminated RELs indicate the runway is unsafe to cross or enter) and contact ATC at the earliest opportunity. ATC may disable RWSL at any time if in their judgment the system is interfering with normal, safe operations. Pilots are requested when taxiing on the runway to limit taxi speed to below 30 knots, except when directed otherwise, to preclude turning on the RELs unnecessarily.

A pilot at or approaching the hold line to a runway will observe REL illumination and extinguishing in reaction to an aircraft or vehicle operating on the runway, or an arriving aircraft operating less than 1 mile from the runway threshold.

Takeoff Hold Lights (THLs)

The THL system is composed of in-pavement, unidirectional fixtures in a double longitudinal row aligned either side of the runway centerline lighting. Fixtures are focused toward the arrival end of the runway at the "Line Up And Wait" point, and they extend in front of the holding aircraft beginning ~375' beyond the runway threshold and extend for 1,500'. Illuminated red lights provide a signal, to an aircraft in position for takeoff or rolling, that it is unsafe to takeoff because the runway is occupied or about to be occupied by another aircraft or ground vehicle. Two aircraft, or a surface vehicle and an aircraft, are required for the lights to illuminate. The departing aircraft must be in position for takeoff or beginning takeoff roll. Another aircraft or a surface vehicle must be on or about to cross the runway.



THL Operation

THLs that are ON (illuminated **red**) indicate that the runway ahead is not safe to takeoff. Pilots should refuse takeoff clearance if THLs are illuminated. **RED THLs MEAN DO NOT TAKEOFF.** Lights that are off convey no meaning. THE SYSTEM IS NOT, AT ANY TIME, INTENDED TO CONVEY APPROVAL OR CLEARANCE TO TAKEOFF. Whenever a pilot observes the red lights of the THLs, the pilot will stop or remain stopped. The pilot will contact ATC for resolution if any clearance is in conflict with the lights. Should pilots note illuminated lights while in takeoff roll and under circumstances when stopping is impractical for safety reasons, the crew should proceed according to their best judgment while understanding the illuminated lights indicate that continuing the takeoff is unsafe. Contact ATC at the earliest possible opportunity.

Pilots remain obligated to comply with all ATC clearances, except when compliance would require taking off when THLs are illuminated. In such a case, the crews should **HOLD IN POSITION**, CONTACT ATC, and await further instructions. ATC may disable RWSL at any time if in their judgment the system is interfering with normal, safe operations.

THLs will illuminate for an aircraft in position for departure or departing when there is another aircraft or vehicle on the runway or about to enter the runway. Once that aircraft or vehicle exits the runway, the THLs

extinguish. A pilot may notice lights extinguish prior to the downfield aircraft or vehicle being completely clear of the runway but still moving. Like RELs, THLs have an “anticipated separation” feature.

NOTE-

When the THLs extinguish, this is not clearance to begin a takeoff roll. All takeoff clearances will be issued by ATC.

A pilot in position to depart from a runway, or has begun takeoff roll, will observe THL illumination in reaction to an aircraft or vehicle on the runway or about to enter or cross it. Lights will extinguish when the runway is clear. A pilot may observe several cycles of illumination and extinguishing depending on the amount of crossing traffic.

ATLANTA TRACON / ATLANTA ARTCC / AUGUSTA APPROACH CONTROL REALIGNMENT OF AIRSPACE

EFFECTIVE: August 25, 2011

In order to provide weather advisory services in the eastern part of the state of Georgia, a realignment of airspace between Atlanta ARTCC, Atlanta TRACON and Augusta Approach Control is being implemented.

The ATHENS sector of Atlanta TRACON will operate from **0615 Local to 2200 Local**. Air Traffic Control Services will be provided to the following airports on frequency 132.475 / 291.1. Clearances may be obtained via published frequencies or via telephone number: 678-364-6131.

Services during all other times will be provided by Atlanta ARTCC on 127.5 / 316.05 (2200L – 0615L)

Athens / Ben Epps Airport (AHN)

Gainesville / Lee Gilmer Memorial (GVL)

Greensboro / Green County Regional (3J7)

Jefferson / Jackson County (19A)

Madison Municipal (52A)

Winder / Barrow County (WDR)

Augusta Approach Control will operate from 0645 Local to 2300 Local. Air Traffic Control Services will be provided to the following airports on frequency 126.8 / 270.3, other times by Atlanta ARTCC on **128.1 / 323.0**

Washington / Wilkes County (IYY)

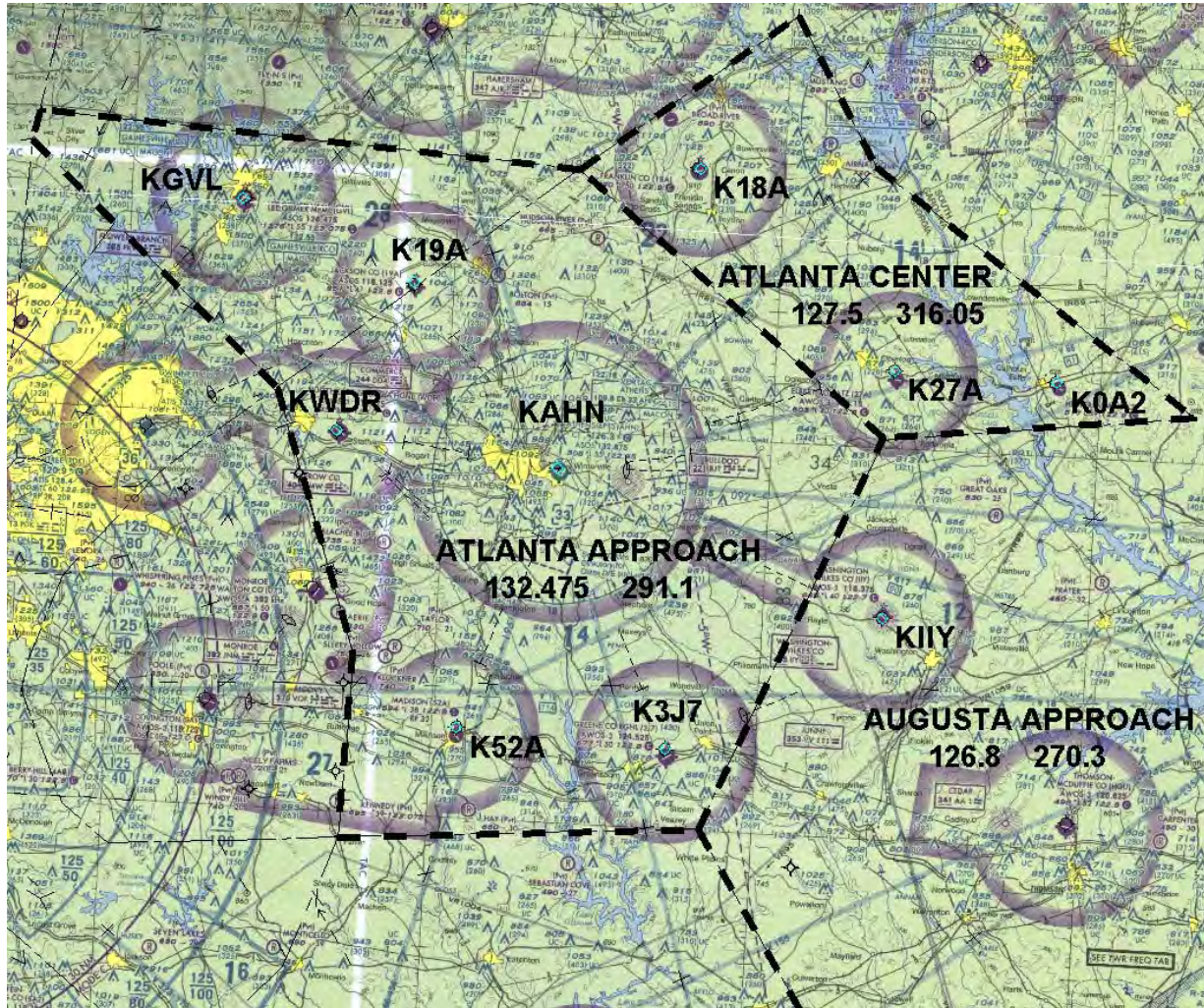
Atlanta ARTCC will provide Air Traffic Control Service to the following airports on frequency 127.5:

Calhoun Falls / Hester Memorial (0A2)

Canon / Franklin County (18A)

Elberton / Elbert County PATZ Field (27A)

A diagram depicting the geographical boundaries follows.



Questions about this realignment should be referred to:

Mark J. Dillon

Operations Support Specialist

Atlanta TRACON (A80)

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ATLANTA HARTSFIELD-JACKSON INTERNATIONAL AIRPORT (ATL) REDUCED DIVERGENCE AREA NAVIGATION (RNAV) STANDARD INSTRUMENT DEPARTURES (SIDs)

EFFECTIVE: October 20, 2011

Beginning Thursday, October 20, 2011, ATL will implement new Reduced Divergence RNAV SIDs. These SIDs have been designed to aid in noise abatement and add departure capacity to the ATL airport while maintaining an equivalent level of safety when compared to existing separation standards. To achieve this, ATL will implement the Equivalent Lateral Spacing Operations (ELSO) standard developed by MITRE Corporation and approved for implementation by FAA Waiver 11-T-05.

1. Reduced Divergence RNAV SIDs will be conducted daily between 0700-2300 Local Time. Between 2300-0700 Local Time, aircraft will be issued noise abatement radar vectors.
2. Pilots must ensure that they are operating on the **current RNAV database** (dated 10/20/2011 or later) and that the **correct departure runway** is entered into the Flight Management Computer (FMC) prior to departure.

NOTE- Several fixes/waypoints on the new SIDs are new or have moved from their previous location.

3. ATL controllers will issue departure clearances to RNAV aircraft using the “RNAV to” phraseology. Example – “DAL123, RNAV to SNUFY, Runway 26L, Cleared for Takeoff.” In this case, SNUFY would be the first named fix/waypoint on the SID to be flown. The pilot is expected to verify that the fix/waypoint displayed on the Flight Management System (FMS) corresponds to the fix/waypoint issued in the departure clearance. **If the fix/waypoint is not identical, pilots must request a vector from the Tower.**
4. Advise ATC immediately of any RNAV anomaly and request vectors as necessary.
5. Extra vigilance is required in order to ensure the highest level of safety. The ATL Reduced Divergence RNAV SIDs commonly use divergence less than 15-degrees as depicted in Figure #1 and #2 below. Departure tracks may be separated by as little as 10-degrees.

Figure #1

Normal Departure Operations Utilizing the ELSO Standard

(Dual Departures)

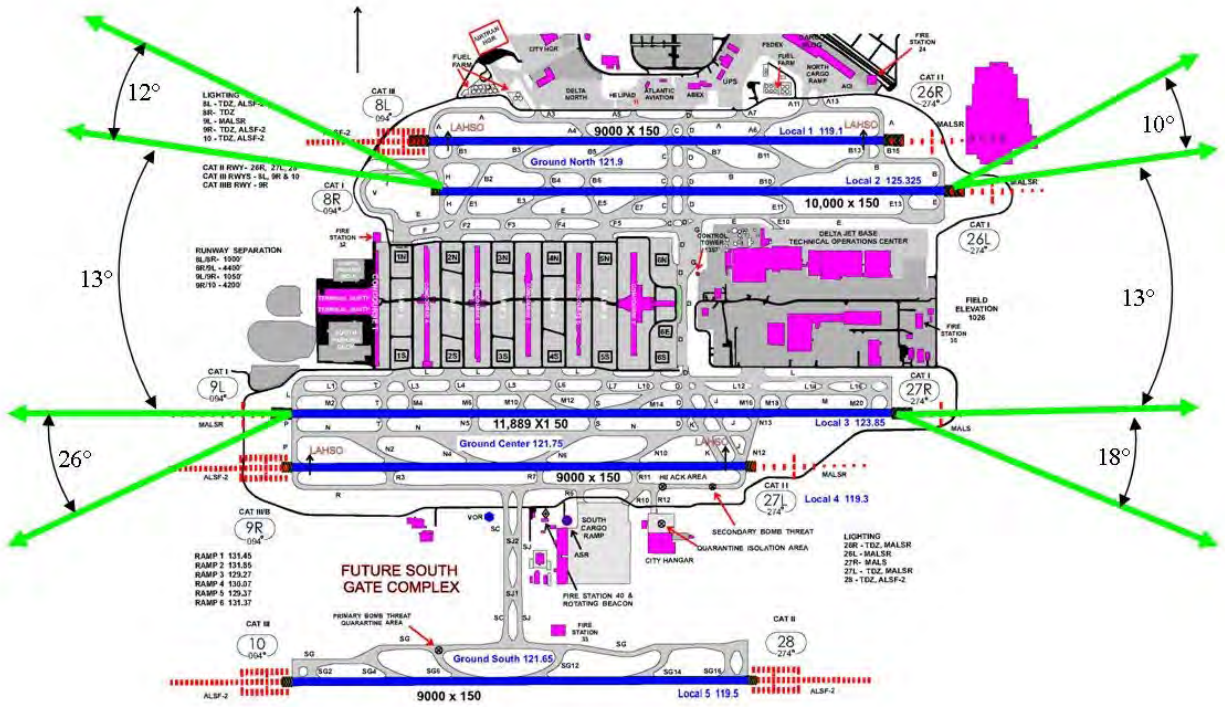
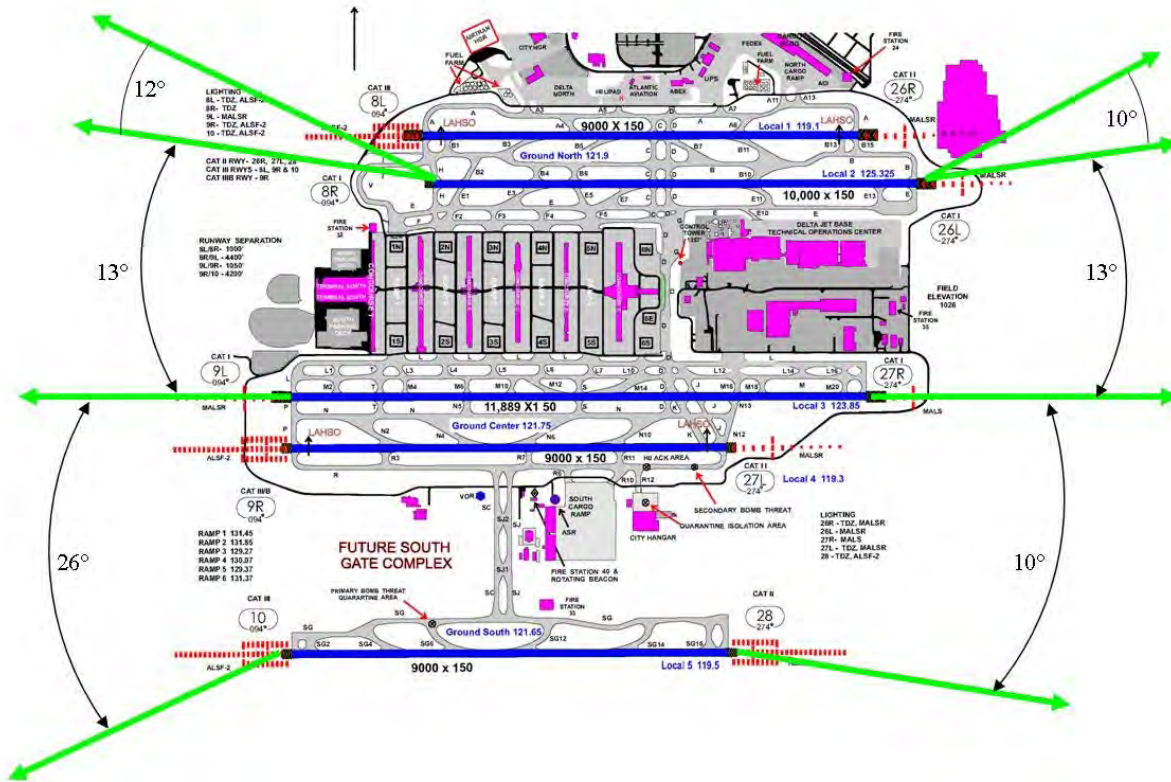


Figure #2

Normal Departure Operations Utilizing the ELSO Standard

(Triple Departures)



Questions about this operation should be referred to:

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NEXTGEN Support Specialist

Atlanta TRACON (A80)

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Email: james.allerdice@faa.gov

East Central United States



CLEVELAND-HOPKINS INTERNATIONAL AIRPORT (CLE) STANDARD (CODED) TAXI ROUTES

Effective: Until Further Notice

The Cleveland–Hopkins International Airport (CLE) has instituted standardized taxi routes to all runways for departure aircraft.

These standardized taxi routes will use color-coded designations for routings to various runways. The color-coded routes may be issued by the CLE ground controller instead of the normal traditional full taxiway routings. The routes and associated codes are published in text form below. Pilots who are unable to comply with standardized routes should advise ground control on initial contact.

READBACK ALL HOLD SHORT INSTRUCTIONS

Runway 6L		
Route ID	Start Point	Routing Via
Violet	All Terminal Parking Areas	Juliet, Kilo, Lima, November HOLD SHORT OF RUNWAY 6R and monitor 120.9, Golf. <i>(Monitor 124.5 when west of Runway 6R)</i>

Runway 6R		
Route ID	Start Point	Routing Via
Emerald	All Terminal Parking Areas	Juliet, Kilo and Lima.

Runway 6R, Intersection Tango		
Route ID	Start Point	Routing Via
Red	All Terminal Parking Areas	Juliet, Kilo, Lima and Tango

Runway 24L		
Route ID	Start Point	Routing Via
Blue	All Terminal Parking Areas	Juliet, Sierra, Lima, Whiskey

Runway 24R		
Route ID	Start Point	Routing Via
Grey	All Terminal Parking Areas	Juliet, Sierra, HOLD SHORT OF RUNWAY 24L and monitor 120.9, Sierra. <i>(Monitor 124.5 when west of Runway 24L)</i>

Runway 24R		
Route ID	Start Point	Routing Via
Orange	All Terminal Parking Areas	Juliet, Romeo HOLD SHORT OF RUNWAY 24L and monitor 120.9, Bravo, Golf, Sierra. <i>(Monitor 124.5 when west of Runway 24L)</i>

(CLE ATCT 10/23/08)

DETROIT METROPOLITAN WAYNE COUNTY (DTW)

STANDARD (CODED) TAXI ROUTES

RUNWAY 22L

Route ID	Starting Point	Routing Via
Green 5	South terminal circles 3N or 4N. CONTACT GROUND ON 121.8	Uniform, Yankee.
Green 6	South terminal circle 2S. CONTACT GROUND ON 119.25	J-8, Tango, Yankee. Hold short of Quebec and contact ground on 132.72. Hold short of Uniform and contact ground on 121.8.
Green 7	North terminal circle 1. CONTACT GROUND ON 119.45	Hotel, Yankee. Hold short of Kilo and contact ground 121.8.
Green 8	South terminal circle 2N. CONTACT GROUND ON 119.45	Uniform, Foxtrot, Hotel and Yankee. Hold short of Kilo and contact ground on 121.8.

RUNWAY 21R

Route ID	Starting Point	Routing Via
Blue 1	South terminal circles 3N or 4N. CONTACT GROUND ON 121.8.	TURN RIGHT on Uniform, Golf, RY 9L, Mike and M-6. Hold short of U-8 and contact ground on 119.45.
Blue 2	South terminal circles 3N or 4N. CONTACT GROUND ON 121.8.	TURN RIGHT on Uniform, Golf, Victor, Mike and M-6. Hold short of U-8 and contact ground on 119.45.
Blue 3	South terminal circle 2N. CONTACT GROUND ON 119.45.	Uniform, Golf, Victor, Mike, M-6.
Blue 4	South terminal circle 2N. CONTACT GROUND ON 119.45.	Uniform, Golf, RY 9L, Mike, M-6.
Blue 5	South terminal circle 2S. CONTACT GROUND ON 119.25.	Juliet, Papa Papa, Foxtrot, Whiskey, P-4 and Papa.

Blue 6	South terminal circles 3N or 4N CONTACT GROUND ON 121.8	TURN LEFT on Uniform, join Kilo, RY 9L, Golf, Victor, Mike and M-6. Hold short of Foxtrot and contact ground on 119.45 joining RY 9L.
Blue 11	South terminal circles 3N or 4N CONTACT GROUND ON 121.8	TURN LEFT on Uniform, join Kilo, RY 9L, Mike and M-6. Hold short of Foxtrot and contact ground on 119.45 joining RY 9L.
Blue 16	South terminal Taxiway Kilo between Taxiways Romeo and Uniform CONTACT GROUND ON 132.72.	Kilo, RY 9L, Mike and M-6. Hold short of Uniform and contact ground 121.8. Hold short of Foxtrot and contact ground on 119.45 joining RY 9L.
Blue 17	South terminal. Taxiway Kilo between Taxiways Romeo and Uniform CONTACT GROUND ON 132.72.	Kilo, RY 9L, Golf, Victor, Mike and M-6. Hold short of Uniform and contact ground 121.8. Hold short of Foxtrot and contact ground on 119.45 joining RY 9L.
Blue 14	North terminal circle 1 CONTACT GROUND ON 119.45	Foxtrot, Victor, Mike, and M-6.
Blue 15	North terminal circles 2 through 6 CONTACT GROUND ON 121.8	Kilo, Victor, Mike and M-6. Hold short of Foxtrot and contact ground on 119.45.

RUNWAY 3L

Route ID	Starting Point	Routing Via
Brown 8	South terminal Taxiway Kilo between Taxiways Romeo and Uniform. CONTACT GROUND ON 132.72.	Kilo, RY 9L, Foxtrot and Mike. Hold short of Uniform and contact ground 121.8. Hold short of Foxtrot and contact ground on 119.45 joining RY 9L.
Brown 2	South terminal circle 2S. CONTACT GROUND ON 119.25.	Juliet, Papa Papa. Hold short of PP-1 and MONITOR tower on 118.4
Brown 4	North terminal circles 2 through 6 CONTACT GROUND ON 121.8	Kilo, Victor, Foxtrot, Mike. Hold short of Foxtrot and contact ground on 119.45.
Brown 6	North terminal circle 1 CONTACT GROUND ON 119.45	Foxtrot, Mike.
Brown 7	South terminal circle 2S. CONTACT GROUND ON 119.25.	Juliet, Papa Papa, PP1.

CHICAGO O’HARE TOWER/CHICAGO TRACON

VISUAL SEPARATION PROCEDURES AT CHICAGO O’HARE (ORD)

INTERNATIONAL AIRPORT

BACKGROUND: The purpose of this NOTAM is to inform pilots operating from O’Hare International Airport of visual separation procedures between the tower and the Terminal Radar Approach Control (TRACON). O’Hare Tower and Chicago TRACON are authorized to apply visual separation between aircraft under the control of either facility in order to maintain efficiency.

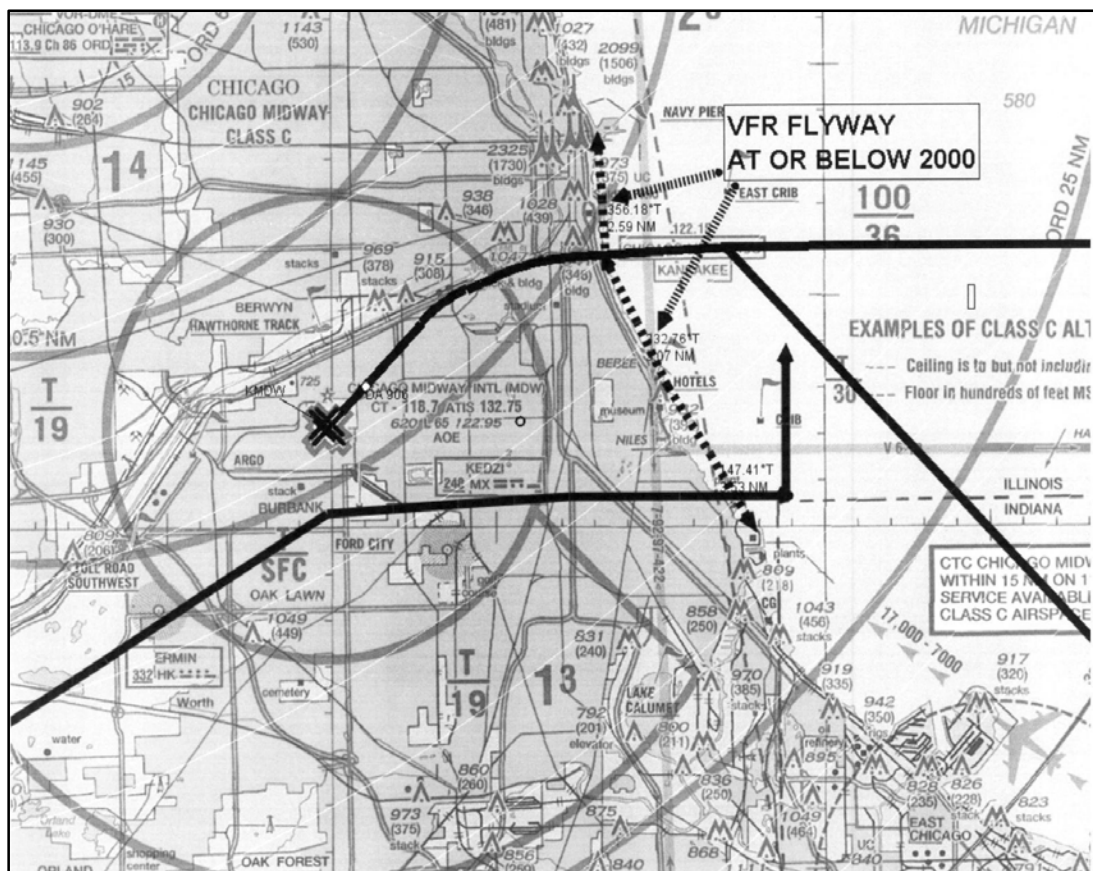
There will be no change in the use or application of visual separation at O’Hare Airport, therefore users should see no difference or effect on their operations.

MIDWAY AIRPORT (MDW) NEW RNAV APPROACHES TO RUNWAY 22L

Effective February 6, 2014

Chicago TRACON will begin a new arrival flow for Midway (MDW) airport on February 6, 2014. During times that MDW airport is operating on this configuration, MDW arrivals will cross the Lake Michigan shoreline (from Navy Pier to Gary/Chicago Int'l airport) between 3,000 feet and 2,400 feet inbound to runway 22L. When transitioning the Chicago Metropolitan area along the Lake Michigan shoreline, VFR aircrafts are advised that lower altitudes are strongly suggested whenever MDW is on a runway 22L configuration.

Chicago TRACON



**Red tracks indicate the estimated flight paths into Runway 22L*

Should you have any questions, please feel free to contact the Chicago TRACON Plans and Procedures office at:

(847)608-5591

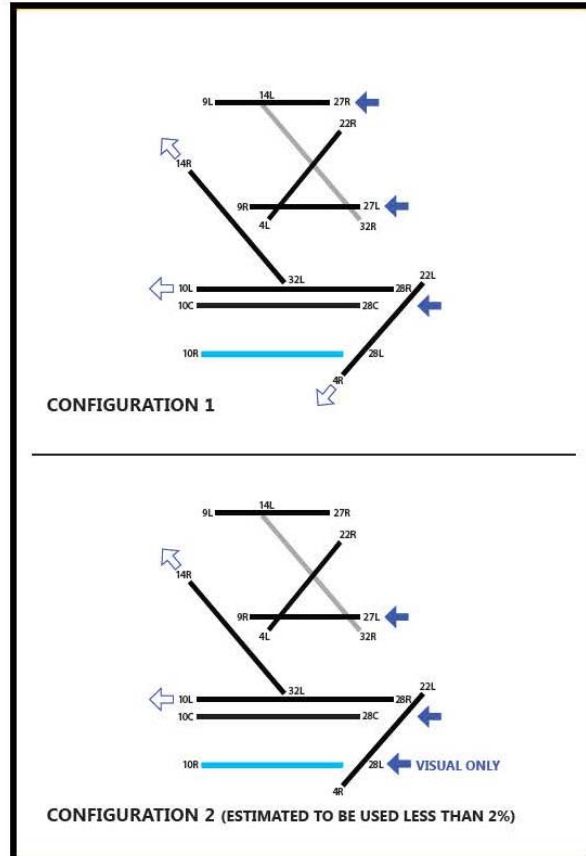
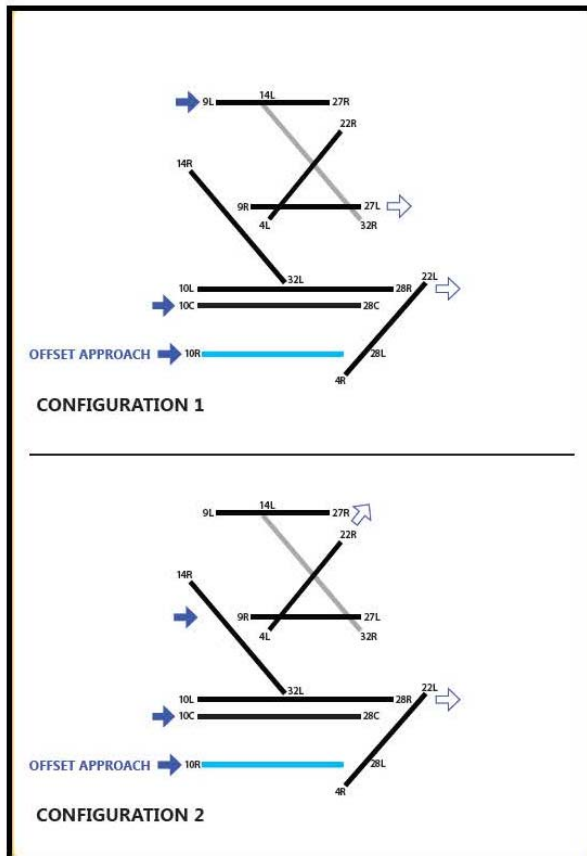
O’HARE INTERNATIONAL AIRPORT RUNWAY 10R/28L

OPENS OCTOBER 15, 2015

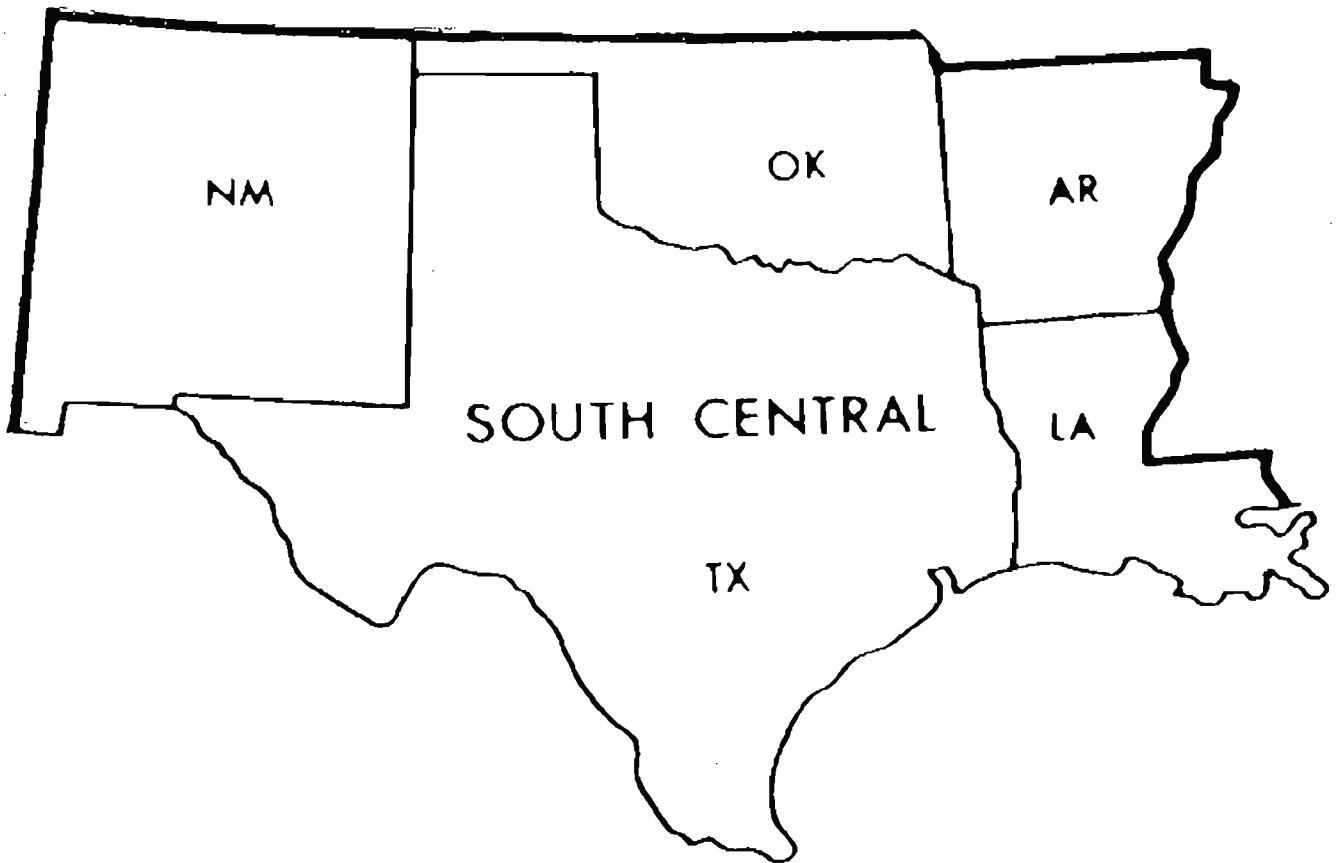
New Runway 10R/28L opens on October 15, 2015. Arrivals and departures at O’Hare will remain in primarily east/west flow.

EAST FLOW CONDITIONS

WEST FLOW CONDITIONS



South Central United States



**NOTICES TO AIRMEN (NOTAM) FOR THE CONTINUED OPERATIONAL
EVALUATION OF RUNWAY STATUS LIGHTS (RWSL) AT THE
DALLAS/FORT WORTH INTERNATIONAL AIRPORT, DALLAS, TEXAS
WEST AIRFIELD**

PURPOSE

The Federal Aviation Administration (FAA) will be conducting an assessment of **Takeoff Hold Lights (THLs)**, part of the Runway Status Lights System (RWSL), on Runway 18L/36R at the Dallas/Fort Worth International Airport (DFW). The existing Runway Entrance Lights (RELs) will continue to operate along with the newly installed THLs. RWSL is an experimental system that uses both primary and secondary surveillance to dynamically turn on/off lights. RWSL seeks to improve airport safety by indicating when it is unsafe to cross, enter or take off from a runway. RWSL is an automatic, advisory backup system expected to prevent or reduce the severity of runway incursions.

LIGHTING

RWSL conveys the **runway occupancy status**, indicating when a runway is unsafe to enter through the use of in-pavement warning Runway Entrance Lights (RELs) and when it is unsafe to take off through the use of in-pavement warning Takeoff Hold Lights (THLs). RELs and THLs have been installed on Runway 18L/36R.

The RELs are a series of five **red**, in-pavement lights spaced evenly along the taxiway centerline from the taxiway hold line to the runway edge. One REL is placed just before the hold line and one REL is placed near the runway centerline. All RELs are directed toward the **runway hold line** and are oriented to be visible only to pilots and vehicle operators entering or crossing the runway from that location. RELs are operational at the following intersections of Runway 18L/36R:

- **West Side: at Taxiways Y, Z, WJ, WK, G8, WL, WM, B, and A**
- **East Side: at Taxiways Y, Z, B, and A**

THLs are directed toward the **approach end** of the runway and are visible to pilots 1) in position for takeoff, or 2) just commencing departure, or 3) on final approach to land. There are four sets of THLs, each comprising a series of eleven **red** in-pavement lights at 100' spacing along the runway centerline. The four sets of THLs are operational at the full-length and intersection departure positions on Runway 18L/36R, as follows:

- **Runway 18L: from 875' beyond the runway threshold for a length of 1000' and from 875' beyond the northern edge of the Y taxiway intersection for a length of 1000'**
- **Runway 36R: from 875' beyond the runway threshold for a length of 1000' and from 875' beyond the southern edge of the A taxiway intersection for a length of 1000'**

OPERATION

RWSL is an advisory system for use by pilots and vehicle operators and helps maintain situational awareness. It operates independently of Air Traffic Control. Status lights have two states: ON (lights are illuminated red) and OFF (lights are off) and are switched automatically based on information from the airport surface surveillance systems. These surveillance systems include airport surveillance radars (ASRs), surface detection radars (ASDE-3 or ASDE-X) and multilateration information from the ASDE-X surveillance system.

IT IS IMPORTANT THAT TRANSPONDERS BE TURNED ON AND KEPT ON WHILE TAXIING IN THE MOVEMENT AREA SO THAT BEACON-BASED POSITION AND AIRCRAFT IDENTIFICATION DATA ARE AVAILABLE TO RWSL.

Pilots should maintain an awareness of the Runway Status Lights. RELs that are ON (illuminated **red**) indicate that the runway ahead is not safe to enter or cross. THLs that are ON (illuminated **red**) indicate that the runway is not safe for takeoff. **RED MEANS STOP!** Pilots should remain clear of a runway when an REL along their taxi route is illuminated. Pilots should not take off when a THL on the runway ahead is illuminated. Lights that are off convey no meaning.

THE SYSTEM IS NOT, AT ANY TIME, INTENDED TO CONVEY APPROVAL OR CLEARANCE TO PROCEED ONTO A RUNWAY OR TO TAKE OFF FROM A RUNWAY.

Pilots remain obligated to comply with all ATC clearances, except when compliance would require crossing an illuminated red REL or THL. In such a case, the crews should **HOLD SHORT** of the runway for RELs or **STOP the aircraft** for THLs (if possible), CONTACT ATC, and await further instructions.

If the pilots notice an illuminated red REL and remaining clear of the runway is impractical for safety reasons, then crews should proceed according to their best judgment of safety (understanding that the illuminated REL indicates the runway is unsafe to cross or enter) and contact ATC at the earliest opportunity. If the pilots notice an illuminated red THL and aborting takeoff from the runway is impractical for safety reasons, then crews should proceed according to their best judgment of safety (understanding that the illuminated THLs indicate the runway is unsafe for takeoff) and contact ATC at the earliest opportunity. If the pilots are on short final and notice an illuminated red THL, then crews should inform ATC they are going around because of red lights on the runway.

ATC may disable RWSL at any time if in their judgment the system is interfering with normal, safe operations.

Pilots are requested when taxiing on the runway to limit taxi speed to below 30 knots so as not to unnecessarily turn on the RELs, except when directed otherwise.

HOURS OF TESTING

During the current phase of testing, the RWSL system will be operational 24/7 except for short maintenance periods. The current operational status of the RWSL system will be broadcast on the ATIS.

TEST CONFIGURATIONS AND RUNWAYS

Although the system has been designed to operate under all DFW operating configurations, testing will only be conducted on the West airfield when the runway instrumented with RWSL, Runway 18L/36R, is in use (i.e., during both South flow and North flow runway configurations).

PILOT EVALUATION

An important part of the assessment includes collecting feedback from pilots. A brief list of questions will be posted on the website. It is essential that pilots respond to surveys available on various venues including the RWSL website via the Internet, <http://www.RWSL.net>, in flight operations offices and domiciles at the DFW airport. Voluntary interviews with pilots will be conducted during the test period. Pilots are encouraged to respond with comments by e-mail to:

Peter V. Hwoschinsky
FAA, ATO-P
800 Independence Avenue
Washington, D.C. 20591 SW
Voice: 202 -493-4696
Fax : 202- 267-5111 e-mail: peter.hwoschinsky@faa.gov

Please note that pilot feedback is essential to an accurate assessment of the acceptability and utility of the RWSL system.

(08/27/09)

Drawing of DFW runway diagram for west side with THLs and RELs on runway 18L/36R.

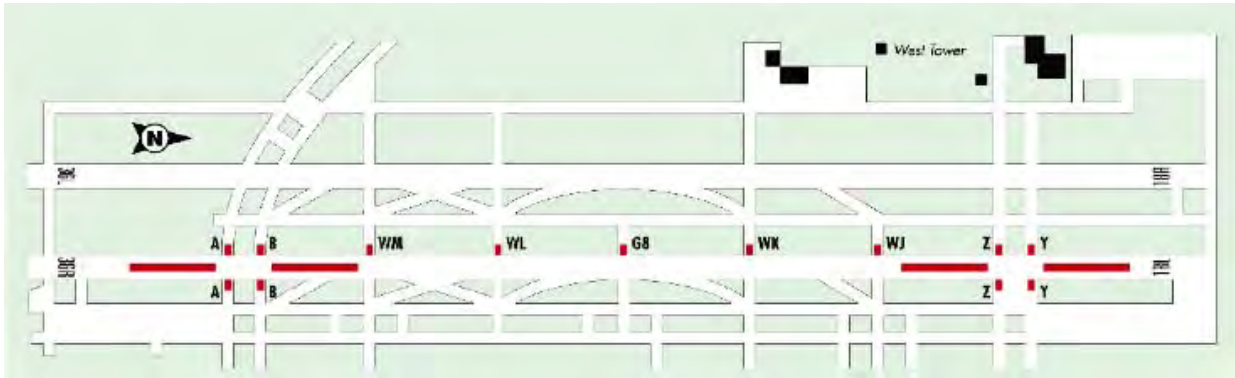


Figure 1. DFW west side with THLs and RELs on runway 18L/36R.

Drawing of Runway Entrance Lights (RELs) along a straight taxiway centerline.

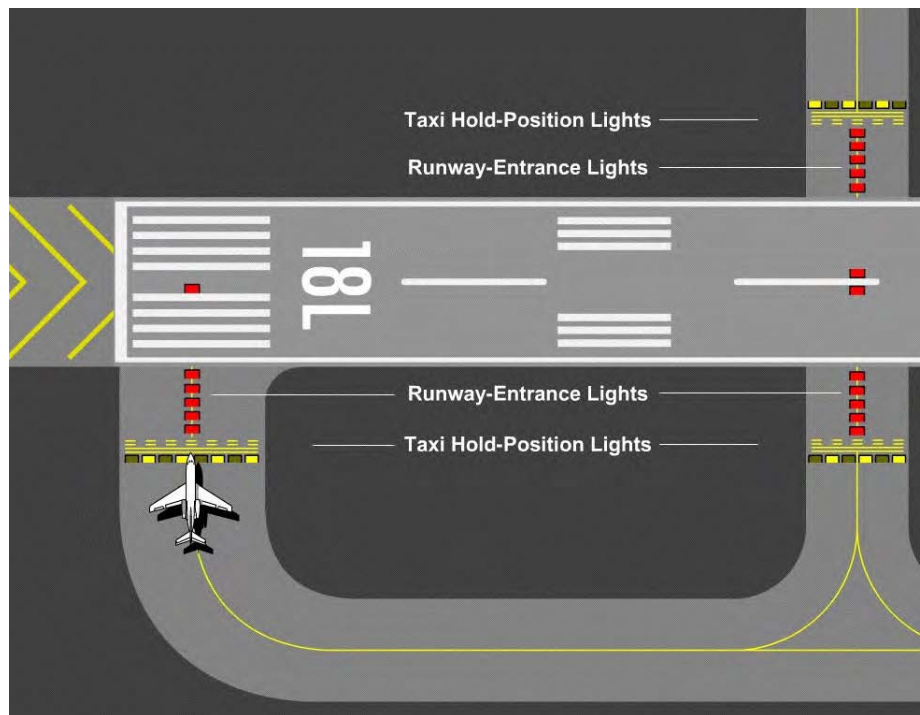


Figure 2. Illustration of Runway Entrance Lights (RELs) along a taxiway centerline.
(not to scale)

Drawing of Takeoff Hold Lights along a runway centerline

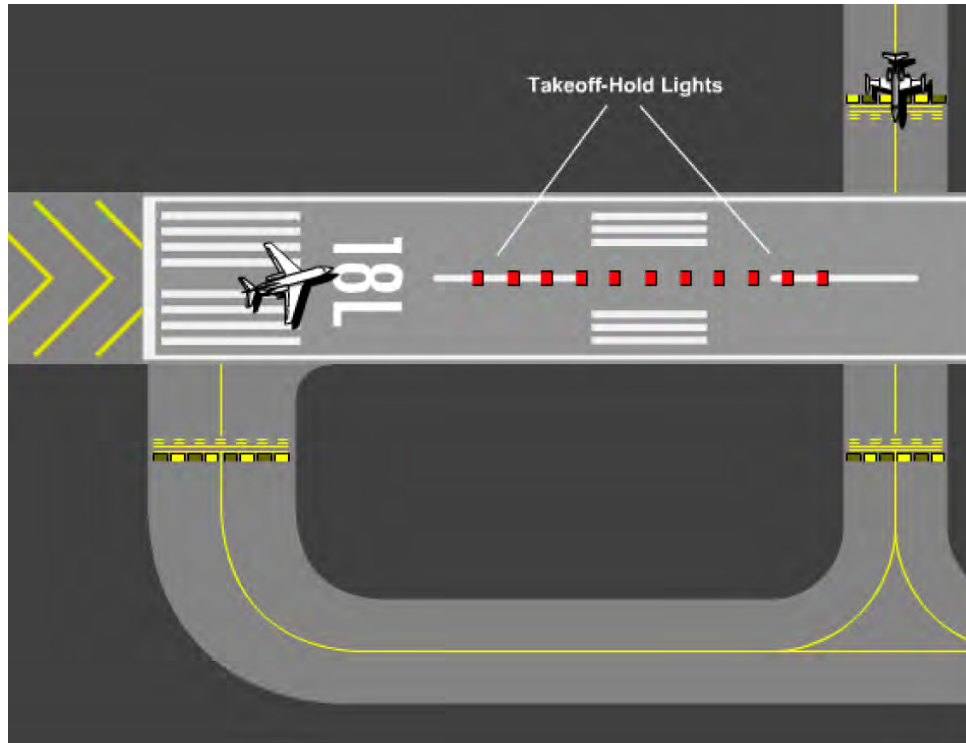


Figure 3. Illustration of Takeoff Hold Lights (THLs) along a runway centerline.
(not to scale)

Photograph of L861-S fixture



Figure 4. Photograph of L861-S fixture.

Drawing of generic runway with red THLs.

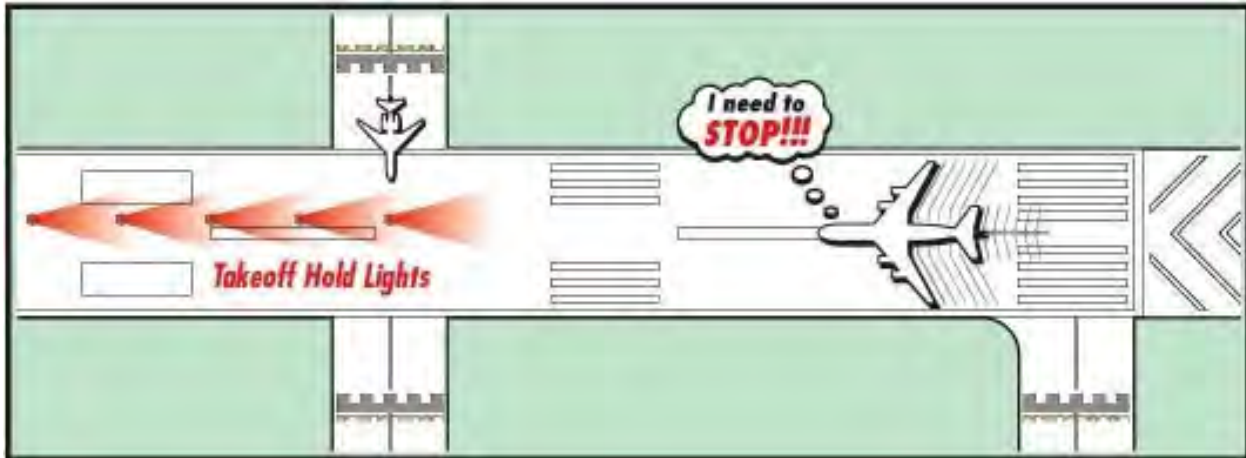


Figure 5. THL Operational Concept.

Drawing of RWSL at DFW with surveillance sources shown illuminated in red

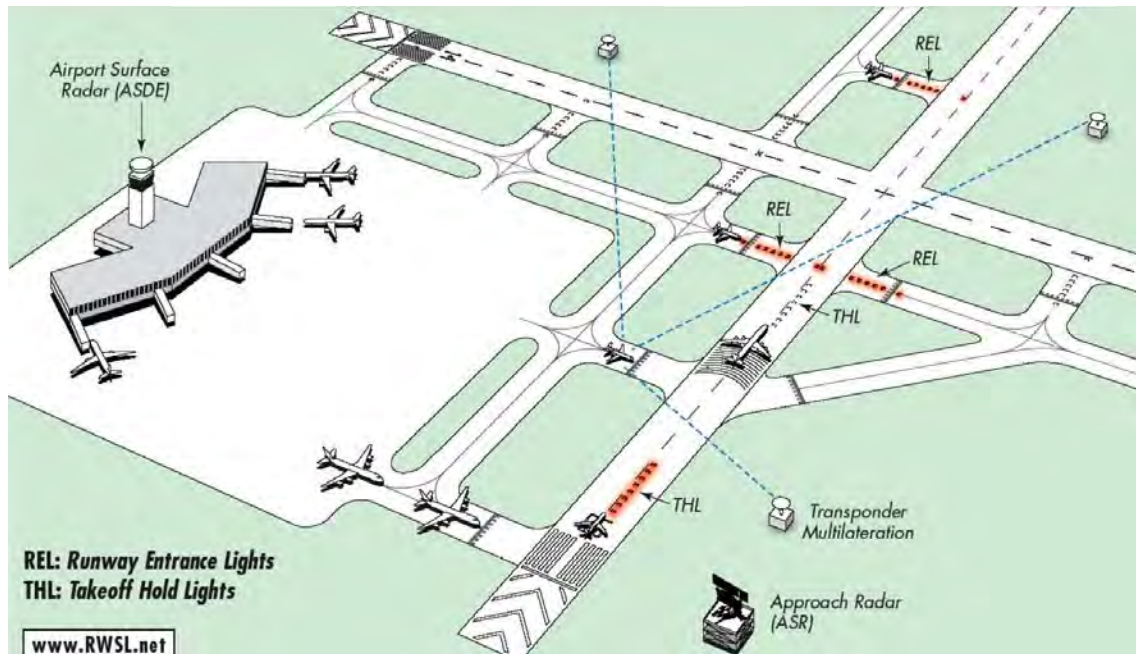


Figure 6. Conceptual diagram of the Runway Status Light System with surveillance sources driving RELs and THLs shown illuminated in red

**NOTICES TO AIRMEN (NOTAM) FOR THE CONTINUED OPERATIONAL
EVALUATION OF RUNWAY STATUS LIGHTS (RWSL) AT THE
DALLAS/FORT WORTH INTERNATIONAL AIRPORT, DALLAS, TEXAS
EAST AIRFIELD**

PURPOSE:

The Federal Aviation Administration (FAA) will be conducting an assessment of **Takeoff Hold Lights (THLs) and Runway Entrance Lights (RELs)**, part of the Runway Status Lights System (RWSL), on Runways 17R/35L and 17C/35C at the Dallas/Fort Worth International Airport (DFW). An operational evaluation of THLs and RELs on the DFW east side is scheduled to commence in September 2008 and will last approximately 3 months. The existing Runway Entrance Lights (RELs) and Takeoff Hold Lights on 18L/36R will continue to operate along with the newly installed lights on runways 17R/35L and 17C/35C. RWSL is an experimental system that uses both primary and secondary surveillance to dynamically turn on/off lights indicating runway occupancy status directly to pilots. RWSL seeks to improve airport safety by indicating when it is unsafe to cross, enter or take off from a runway. RWSL is an automatic, advisory backup system expected to prevent or reduce the severity of runway incursions.

LIGHTING:

RWSL conveys the **runway occupancy status**, indicating when a runway is unsafe to enter through the use of in-pavement warning Runway Entrance Lights (RELs) and when it is unsafe to take off through the use of in-pavement warning Takeoff Hold Lights (THLs). RELs and THLs have been installed on Runways 17R/35L and 17C/35C (Note: RELs and THLs are still in an extended operational evaluation on the west side runway, 18L/36R).

Runway Entrance Lights (RELs):

The RELs are a series of **red**, in-pavement lights spaced evenly along the taxiway centerline from the taxiway hold line to the runway edge. One REL is placed just before the hold line and one REL is placed near the runway centerline. All RELs are directed toward the **taxiway hold line** and are oriented to be visible only to pilots and vehicle operators entering or crossing the runway from that location. (Refer to Figure 1 in the ATTACHMENTS section for a diagram of RELs locations.)

RELs are operational at the following intersections of Runway 17R/35L:

- **West Side: at Taxiways Y, Z, EJ, EK, EL, EM, B, and A**
- **East Side: at Taxiways Y, Z, EJ, EK, K8, EL, EM, B, A, and ER**

RELs are operational at the following intersections of Runway 17C/35C:

- **West Side: at Taxiways Y, Z, EJ, EL, B, and A**
- **East Side: at Taxiways Y, Z, EJ, EL, B, A, and ER**

Takeoff Hold Lights (THLs):

THLs are directed toward the **approach end** of the runway and are visible to pilots 1) in position for takeoff, or 2) just commencing departure, or 3) on final approach to land. There are six sets of THLs, each comprising a series of sixteen, double-row **red** in-pavement lights at 100' spacing straddling the runway centerline. (Refer to Figure 2 in the ATTACHMENTS section for a diagram of THLs locations.) The six sets of THLs are operational at the full length and intersection departure positions on 17R/35L and 17C/35C, as follows:

- **Runway 17R: from 375' beyond the runway threshold for a length of 1500' and from 375' beyond the northern edge of the Y taxiway intersection for a length of 1500'**
- **Runway 35L: from 375' beyond the runway threshold for a length of 1500' and from 375' beyond the southern edge of the A taxiway intersection for a length of 1500'**
- **Runway 17C: from 375' beyond the northern edge of the Y taxiway intersection for a length of 1500'**
- **Runway 35C: from 375' beyond the southern edge of the A taxiway intersection for a length of 1500'**

Please Note: THLs installed on the west side of DFW are configured as a single row of 11 red lights. THLs installed on the east side of DFW are comprised of two rows of 16 in-pavement red lights straddling the centerline lights. THLs are directed toward the approach end of the runway and are visible to pilots in position for takeoff, just commencing departure, and on final approach to land.

OPERATION:

RWSL is an advisory system for use by pilots and vehicle operators and helps maintain situational awareness. It operates independently of Air Traffic Control. Status lights have two states: ON (lights are illuminated red) and OFF (lights are off) and are switched automatically based on information from the airport surface surveillance systems. These surveillance systems include airport surveillance radars (ASRs), surface detection radars (ASDE-3 or ASDE-X) and multilateration information from the ASDE-X surveillance system. **IT IS IMPORTANT THAT TRANSPONDERS BE TURNED ON AND KEPT ON WHILE TAXIING IN THE MOVEMENT AREA SO THAT BEACON-BASED POSITION AND AIRCRAFT IDENTIFICATION DATA ARE AVAILABLE TO RWSL.** Pilots should maintain an awareness of the Runway Status Lights. RELs that are ON (illuminated **red**) indicate that the runway ahead is not safe to enter or cross. THLs that are ON (illuminated **red**) indicate that the runway is not safe for takeoff. **RED MEANS STOP!** Pilots should remain clear of a runway when an REL along their taxi route is illuminated. Pilots should not take off when a THL on the runway ahead is illuminated. Lights that are off convey no meaning. THE SYSTEM IS NOT, AT ANY TIME, INTENDED TO CONVEY APPROVAL OR CLEARANCE TO PROCEED ONTO A RUNWAY OR TO TAKE OFF FROM A RUNWAY. Pilots remain obligated to comply with all ATC clearances, except when compliance would require crossing an illuminated red REL or THL. In such a case, the crews should **HOLD SHORT** of the runway for RELs or **STOP the aircraft** for THLs (if possible), CONTACT ATC, and await further instructions. If the pilots notice an illuminated red REL and remaining clear of the runway is impractical for safety reasons, then crews should proceed according to their best judgment of safety (understanding that the illuminated REL indicates the runway is unsafe to cross or enter) and contact ATC at the earliest opportunity. If the pilots notice an illuminated red THL and aborting takeoff from the runway is impractical for safety reasons, then crews should proceed according to their best judgment of safety (understanding that the illuminated THLs indicate the runway is unsafe for takeoff) and contact ATC at the earliest opportunity. If the pilots are on short final and notice an illuminated red THL, then crews should inform ATC they are going around because of red lights on the runway. ATC may disable RWSL at any time if in their judgment the system is interfering with normal, safe operations. Pilots are requested when taxiing on the runway to limit taxi speed to below 30 knots so as not to unnecessarily turn on the RELs, except when directed otherwise.

HOURS OF TESTING:

During the current phase of testing, the RWSL system will be operational 24/7 except for short maintenance periods. The current operational status of the RWSL system will be broadcast on the ATIS.

TEST CONFIGURATIONS AND RUNWAYS:

RWSL testing will be conducted on the East airfield on runways 17R/35L and 17C/35C. RWSL equipped runway 18L/36R on the West airfield will continue with the extended operational evaluation currently in progress.

PILOT EVALUATION:

An important part of the assessment includes collecting feedback from pilots. It is essential that pilots respond to brief surveys available on various venues including the RWSL website via the Internet, www.RWSL.net, in flight operations offices and domiciles at the DFW airport. Voluntary interviews with pilots will be conducted during the test period. Pilots are encouraged to respond with comments by e-mail to:

Peter V. Hwoschinsky
FAA, ATO-P
800 Independence Avenue
Washington, D.C. 20591 SW
Voice: 202- 493-4696
Fax: 202- 267-5111 e-mail: peter.hwoschinsky@faa.gov

Please note that pilot feedback is essential to an accurate assessment of the acceptability and utility of the RWSL system.

(08/27/09)

Runway diagram of DFW East with RELs locations

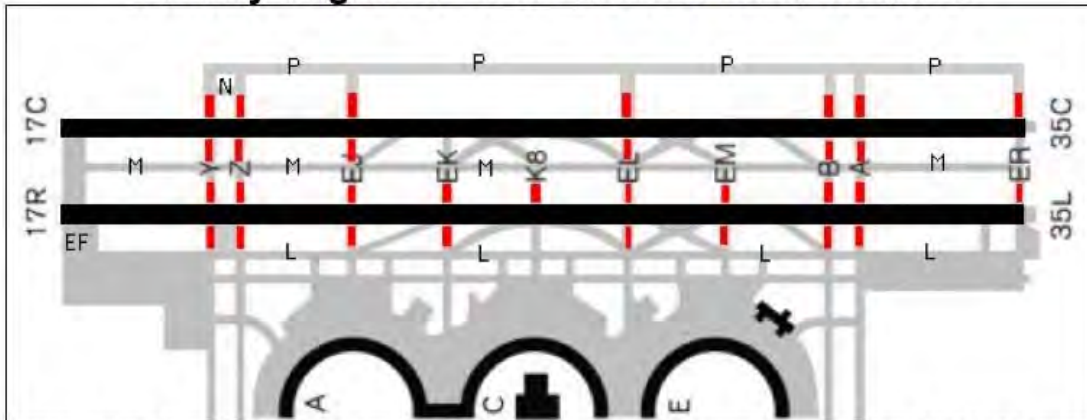


Figure 1. Runway Entrance Lights (RELs) Locations on 17R/35L and 17C/35C.

Runway Diagram of DFW East with THLs Locations

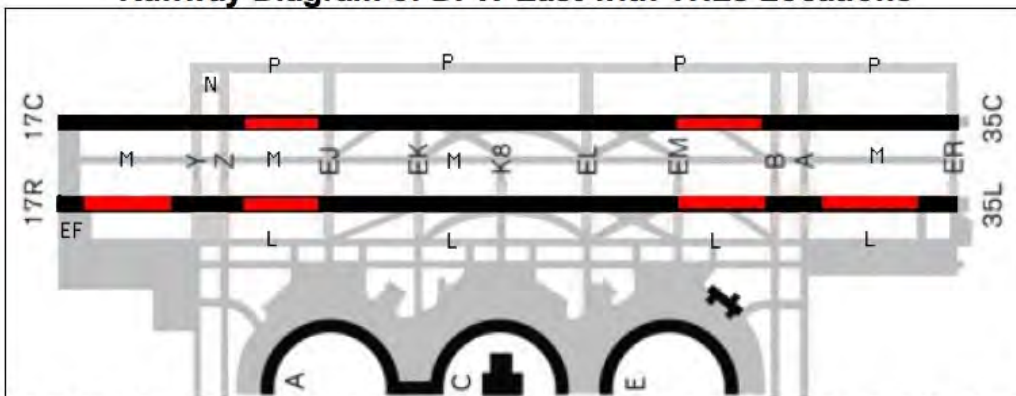
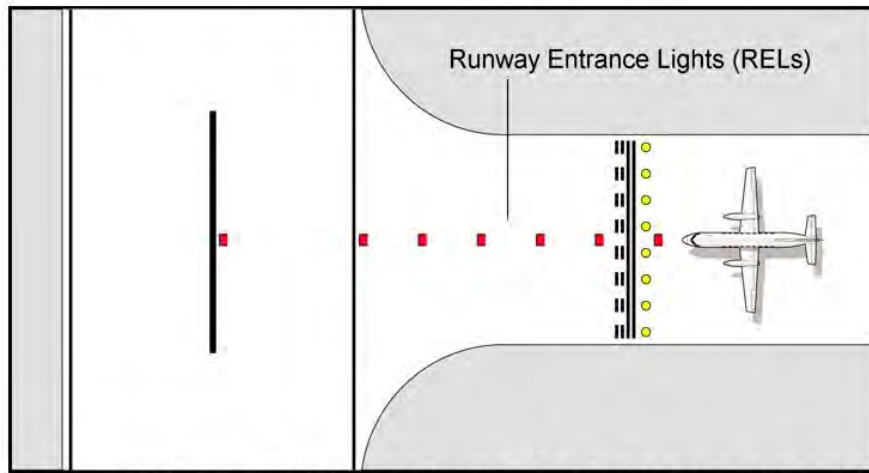


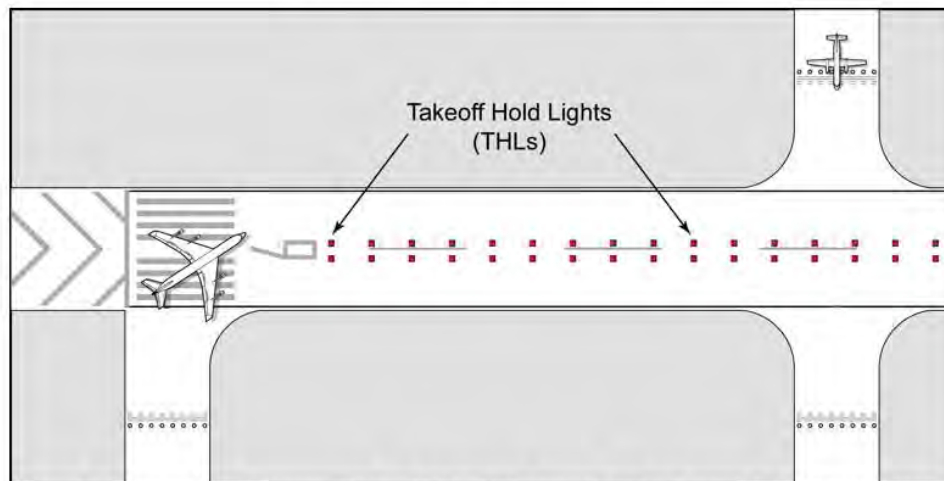
Figure 2. Takeoff Hold Lights (THLs) Locations on 17R/35L and 17C/35C.

Runway Entrance Lights (RELs)



**Figure 3. Illustration of Runway Entrance Lights (RELs) along a straight taxiway centerline.
(not to scale)**

Takeoff Hold Lights (THLs)



**Figure 4 - Generic illustration of double-row THLs straddling the runway centerline lights.
(not to scale)**

THLs and RELs In-pavement Light Fixture



Figure 5. Photograph of L861-S light fixture

Runway Status Lights (RWSL) Operational Concept with RELs and THLs

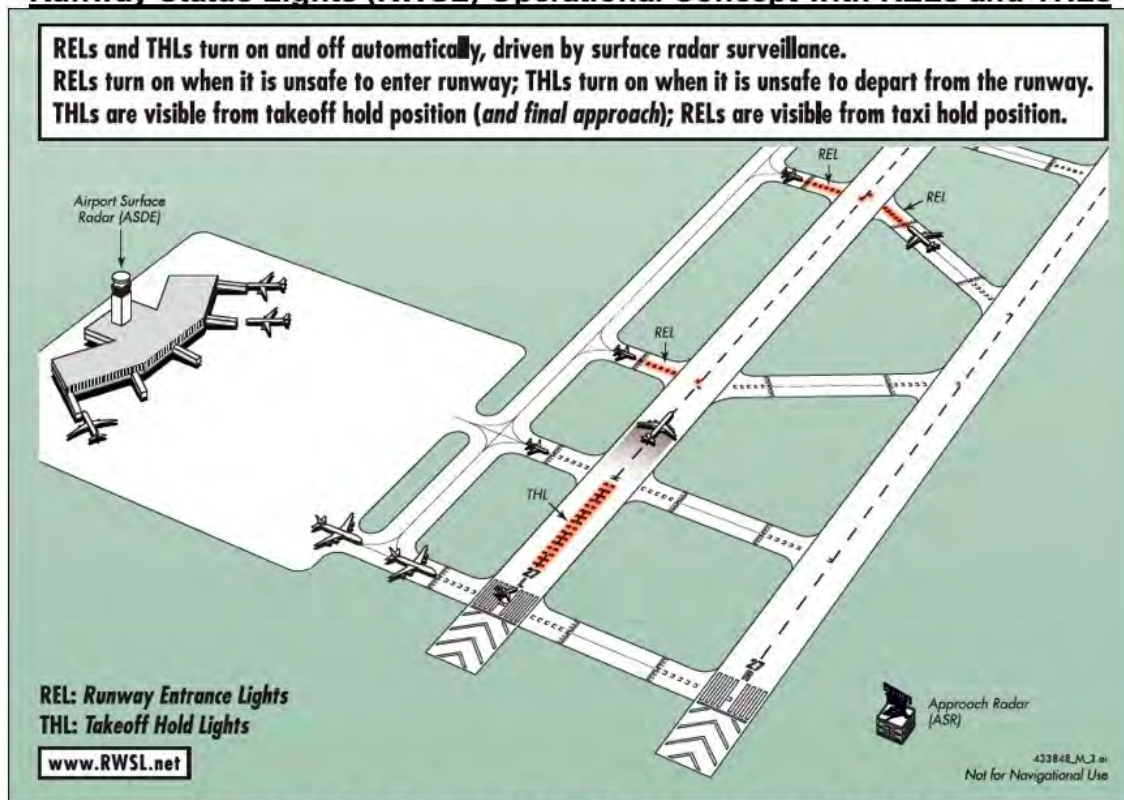


Figure 6. Conceptual diagram of the Runway Status Light System with surveillance sources driving RELs and THLs* shown illuminated in red

***THLs shown in Figure 6 have a double-row configuration as are installed on DFW east runways 17R/35L and 17C/35C**

NON-MOVEMENT AREA AT BATON ROUGE METROPOLITAN (BTR) AIRPORT, BATON ROUGE, LOUISIANA

NATIONAL AIRSPACE CHANGE: A decision to establish a non-movement area is being implemented in accordance with Federal Aviation Administration Order JO 7210.3, Facility Operation and Administration, on Taxiway E (Echo) at BTR Airport. The decision to implement this non-movement area is due to the construction of a new hangar that blocks visibility from the Airport Traffic Control Tower (ATCT).

BACKGROUND: BTR ATCT has Line of Sight obstructions to Taxiway E. The non-visible area of Taxiway E is approximately 1,150 feet and extends from the southwest side of the River City Hangar Aviation Ramp to 200 feet southwest of the Runway 22L hold short line. A 650 foot portion of the non-visible area was pre-existing; however, an additional 500 feet was created when the River City Hangar was constructed in March 2006.

IMPACT: Due to obstructed vision, the BTR Tower is unable to provide air traffic control service in the non-movement area on Taxiway Echo from the southwest side of the River City Hangar Ramp to 200 feet southwest of the Runway 22L hold short line.

****MOVEMENT IN THIS AREA IS AT PILOTS OWN RISK.****

(Central Service Area, 9/2/09)

**HOUSTON INTERCONTINENTAL ATC TOWER AND HOUSTON
TRACON VISUAL SEPARATION PROCEDURES
AT GEORGE BUSH INTERCONTINENTAL AIRPORT (IAH)**

BACKGROUND: The purpose of this NOTAM is to inform pilots operating to/from IAH Airport of visual separation procedures between the Houston Intercontinental ATC Tower and Houston TRACON.

Houston Intercontinental ATC Tower and Houston TRACON are authorized to apply visual separation between aircraft under the control of either facility in order to maintain efficiency at IAH Airport.

Both facilities must ensure that visual separation is applied only when weather conditions do not obscure visibility affecting the application of visual separation.

If you have any questions or concerns, please contact the manager or designee of one of the facilities listed below during normal business hours:

Houston TRACON 281-230-8400

Houston Intercontinental ATC Tower 281-209-8600

OPERATIONAL USE OF RUNWAY STATUS LIGHTS (RWSL) AT THE HOUSTON/GEORGE BUSH

INTERCONTINENTAL AIRPORT (IAH), HOUSTON, TX

The Federal Aviation Administration (FAA) will operate the Runway Status Lights (RWSL) system at Houston/George Bush Intercontinental Airport (IAH) commencing on September 12, 2013.

Runway Status Lights, indicate when a runway is unsafe to enter, cross, or take-off through the use of in-pavement red lights installed only at selected intersections and runways as described below.

LIGHTING

RWSL conveys the runway occupancy status, indicating when a runway is unsafe to enter through the use of red in-pavement warning Runway Entrance Lights (RELS) and when it is unsafe to take off through the use of red in-pavement warning Takeoff Hold Lights (THLs).

The RELs are a series of red lights, typically 6, 7 or up to 20+ in-pavement lights spaced evenly along the taxiway centerline from the taxiway hold line to the runway edge. One REL is placed just before the hold line and one REL is placed near the runway centerline. All RELs are directed toward the **runway hold line** and are oriented to be visible only to pilots and vehicle operators entering or crossing the runway from that location. RELs are operational at the following intersections at IAH:

- Runway 8/26
 - Taxiways NE, NP (NORTH AND SOUTH SIDE OF RUNWAY 8R/26L)
- Runway 9/27
 - Taxiway SC (NORTH SIDE)
- Runway 15L/33R
 - Taxiway WL (EAST AND WEST SIDE OF RUNWAY 15L/33R)
- Runway 15R/33L
 - Taxiway WL (EAST AND WEST SIDE OF RUNWAY 15R/33L)

THLs are directed toward the **approach end** of the runway and are visible to pilots in position for takeoff or just commencing departure roll. There are two sets of THLs, each comprising a series of sixteen **red** in-pavement lights at 100-spacing along the runway centerline. The three sets of THLs are operational at the full-length departure positions on the following runways at IAH:

- **15L**
- **15R**
- **33R**

When operating at airports with RWSL, pilots will operate with the transponder “On” when departing the gate or parking area until arrival at the gate or parking area. This ensures interaction with the FAA surveillance systems which provide information to the RWSL system.

Runway Status Lights indicate runway status only. They do not substitute for an ATC clearance. Pilots are still required to receive an ATC clearance as they normally would for any operation on the runway.

Pilots are encouraged to learn more about the RWSL system at http://www.faa.gov/air_traffic/technology/rwsl/

North Central United States



LAMBERT-ST. LOUIS INTERNATIONAL ATCT/TRACON

VISUAL SEPARATION PROCEDURES AT LAMBERT ST. LOUIS INTERNATIONAL AIRPORT (STL)

BACKGROUND. The purpose of the NOTAM is to inform pilots operating from Lambert-St. Louis International Airport of visual separation procedures between the ATCT and TRACON.

St. Louis ATCT and St. Louis TRACON are authorized to apply visual separation between aircraft under the control of either facility in order to maintain efficiency at STL Airport.

Both facilities must ensure that visual separation is applied only when weather conditions do not obscure visibility affecting the application of visual separation.

If you have any questions or concerns, please contact the manager or designee of one of the facilities below during normal business hours.

St. Louis Approach Control (314) 890-1003

St. Louis Tower (314) 890-4703

MINNEAPOLIS – ST. PAUL INTERNATIONAL ATCT/TRACON

BACKGROUND: The Use of Visual Separation for Aircraft Transitioning Between Minneapolis Air Traffic Control Tower and Minneapolis Terminal Radar Approach Control.

FAA Joint Order 7110.65 authorizes the application and use of Visual Separation between aircraft under the control of the same facility. Historically in Terminal Facilities, Air Traffic Controllers worked in an up/down environment. They would rotate through the RADAR room and the Tower. In recent years, the Federal Aviation Administration has separated these functions at select location and created a separate RADAR facility, known as a TRACON (Terminal RADAR Approach Control). This is the case in Minneapolis, Minnesota. Minneapolis ATCT (MSP) and Minneapolis TRACON (M98) are two separate and distinct air traffic facilities, each with their own employees.

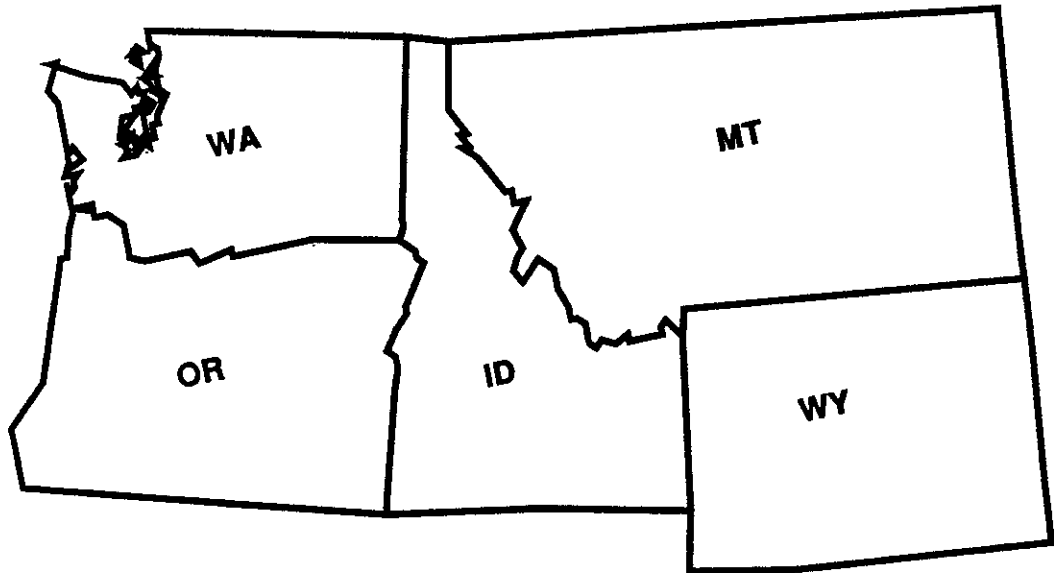
In keeping with the spirit and intent of the regulations and rules governing the National Airspace System, the use and application of Visual Separation for aircraft transitioning between the two facilities will continue as if the two facilities remained as one.

There will be no change in the use or application of Visual Separation in the Minneapolis Terminal area, therefore the users of the National Airspace System should see no difference and this will have no effect on the flying community.

Questions about this procedure should be referred to:

Jim Shadduck
Support Manager
Minneapolis TRACON (M98)
612-713-4000
E-mail: Jim.Shadduck@faa.gov

Northwest United States



SPOKANE APPROACH CONTROL (GEG) CONCURRENT OPERATIONS TO SPOKANE INTERNATIONAL AIRPORT (GEG) AND FAIRCHILD AIR FORCE BASE (SKA)

Background: The purpose of this Notice is to inform pilots landing/departing from either Spokane International Airport (GEG) or Fairchild Air force Base (SKA) under Instrument Flight Rules concerning the special use of visual separation to maintain efficiency at both airports.

Sequencing aircraft simultaneously to GEG and SKA under Instrument Flight Rules requires lateral and or vertical separation between aircraft while ensuring protected airspace for potential missed approaches. These requirements directly affect the capacity of both airports.

In a north flow, the ILS approach to GEG Runway 3 converges with the departure path of SKA Runway 5. GEG is located 2.9 NM east of SKA. The convergence and divergence of flight paths, and distance between airports has made it possible to utilize visual separation under certain weather conditions to reduce the spacing normally provided to aircraft landing and departing SKA and GEG.

INFORMATION: When weather/operational conditions permit, GEG Tower controllers will provide visual separation during the following operations:

- IFR arrivals to GEG Runway 3 and SKA departures Runway 5

These procedures have proven to provide an equivalent level of safety compared to standard visual separation rules. This special use of visual separation procedures enables both airports to operate at or near capacity during periods of heavy demand.

If you have any questions or concerns, please contact the manager or designee of the facility listed below during normal business hours.

Spokane Approach Control: 509-363-6900

(ANM-530 5/8/03)

GEG RWY 3 ARRIVALS SKA RWY 5 DEPARTURES



SEATTLE APPROACH CONTROL (S46) CONCURRENT OPERATIONS TO BOEING FIELD (BFI) AND SEATTLE–TACOMA INTERNATIONAL AIRPORT (SEA)

Background: The purpose of this Notice is to inform pilots landing/departing from either Boeing King County International Airport (BFI) or Seattle–Tacoma International Airport (SEA) under Instrument Flight Rules concerning the special use of visual separation to maintain efficiency at both airports.

Sequencing aircraft simultaneously to BFI and SEA under Instrument Flight Rules requires lateral and or vertical separation between aircraft while ensuring protected airspace for potential missed approaches. These requirements directly affect the capacity of both airports.

In a south flow, the ILS approach to BFI Runway 13R converges with the ILS approaches to SEA Runways 16 L/C/R directly over BFI. In a north flow, the departure paths for aircraft departing north from SEA Runways 34L/R and BFI Runway 31L diverge directly over the north end of BFI Runway 31L. BFI field elevation is 21 feet MSL and SEA field elevation is 433 feet MSL. BFI is located 4.5 NM north of SEA. The convergence and divergence of flight paths, differences in field elevations and distance between airports has made it possible to utilize visual separation under certain weather conditions to reduce the spacing normally provided to aircraft landing and departing SEA and BFI.

INFORMATION: When weather/operational conditions permit, BFI Tower controllers will provide visual separation during the following operations:

IFR arrivals to BFI Runways 13R/L and SEA arrivals Runways 16L/C/R

IFR arrivals from BFI Runways 13R/L and IFR departures from SEA Runways
34L/C/R

IFR departures from BFI Runways 31L/R and IFR departures from SEA Runways
34L/C/R

IFR arrivals to SEA 16R/C/L and IFR departures from BFI Runways 31L/R

IFR arrivals to BFI Runways 31L/R and IFR arrivals to SEA Runways 16L/C/R

When weather/operational conditions permit, SEA Tower controllers will provide visual separation during the following operations:

IFR arrivals to BFI Runways 31L/R and IFR departures from SEA Runways 34L/C/R

IFR arrivals to BFI Runways 31L/R and IFR arrivals to SEA Runways 16L/C/R

These procedures have proven to provide an equivalent level of safety compared to standard visual separation rules. This special use of visual separation procedures enables both airports to operate at or near capacity during periods of heavy demand.

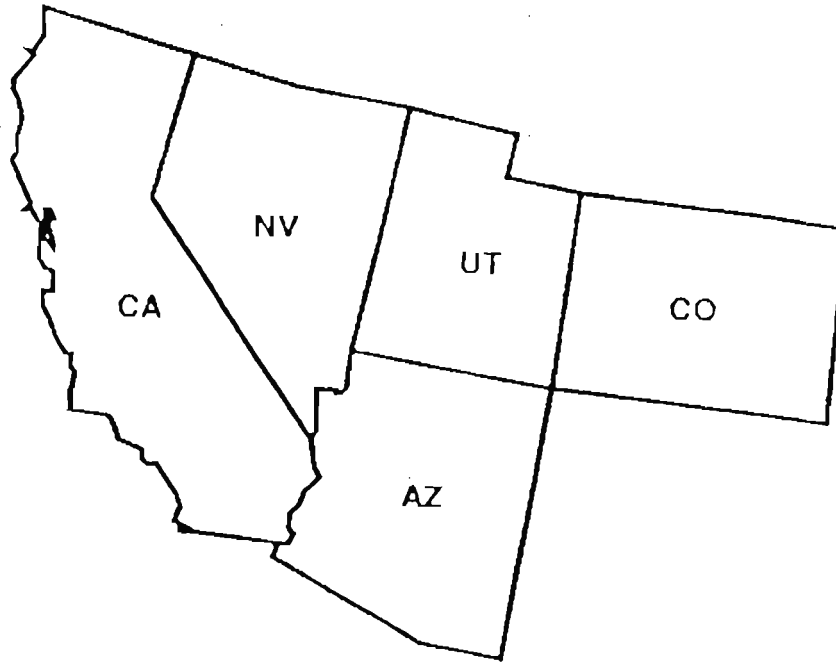
If you have any questions or concerns, please contact the manager or designee of one the facilities listed below during normal business hours.

Seattle Approach Control – 206-214-4600 Seattle Air Traffic Control Tower – 206-214-2500 Boeing Field Air Traffic Control Tower – 206-658-6400

SEATAC (SEA) – BOEING FIELD (BFI) NORTH FLOW



Southwest United States

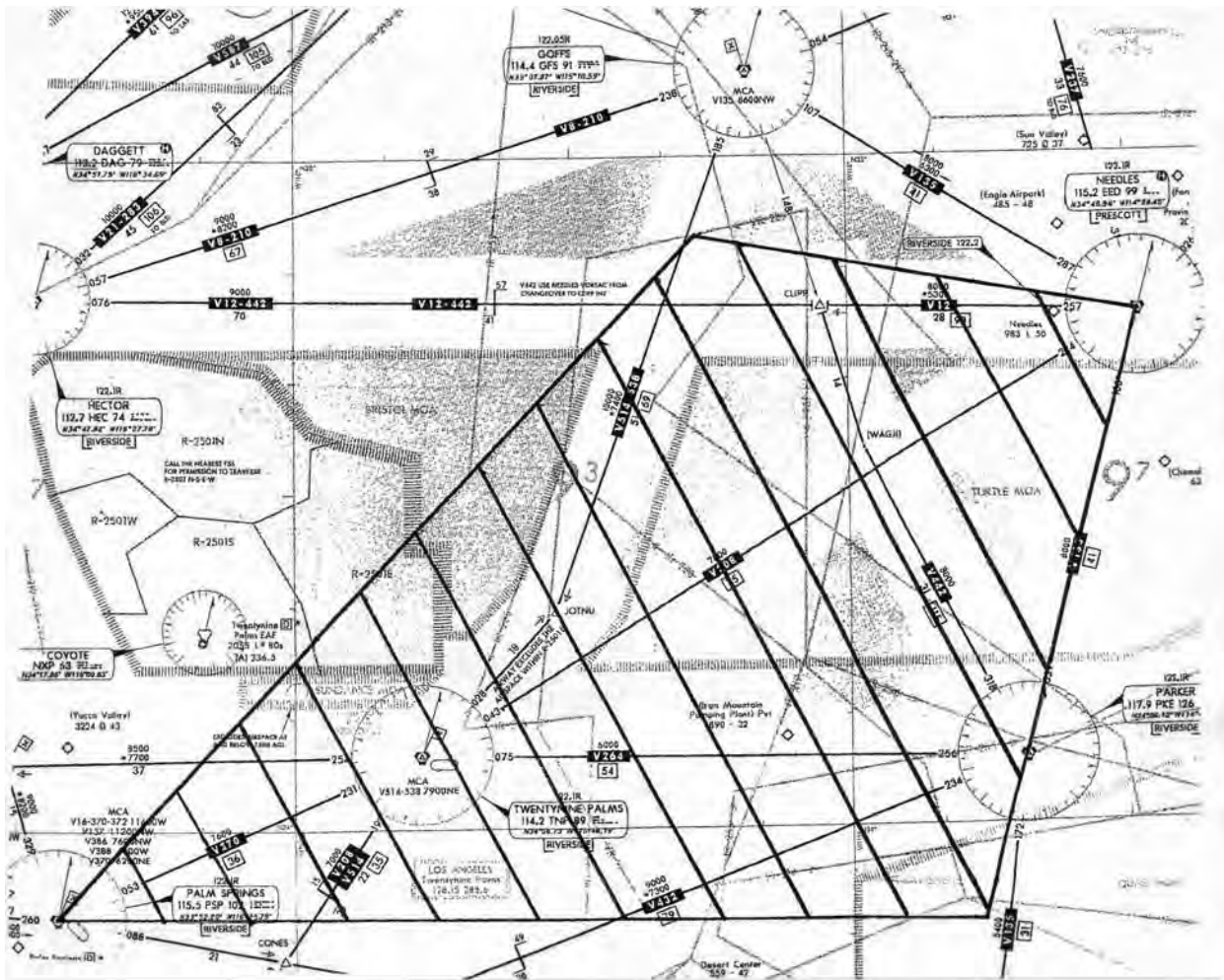


LOS ANGELES AIR ROUTE TRAFFIC CONTROL CENTER

Limited Long Range Radar Coverage

Effective Until Further Notice

Radar services are limited from surface to 14,500 feet in the area from PSP to 15 NM south of PKE to EED to 15 NM south of GFS to PSP. ATC may not be depicting all the traffic. Visual vigilance is highly recommended.



(AWP-530 11/29/01)

SAN FRANCISCO SOIA/PRM

Effective Tuesday, October 26, 2004. During the hours of 0700–2200 local, SFO ATCT may utilize ILS PRM and LDA PRM approaches as weather and arrival traffic demand dictate. Aircraft arriving from the east (primarily over CEDES intersection) should expect Runway 28R; aircraft arriving from the south, west, and north should expect Runway 28L. If unable to participate in PRM approaches, aircraft operators are required to contact FAA ATCSCC directly at 1–800–333–4286 or at 703–904–4452 prior to departure to obtain a pre-coordinated arrival time.

Non-participating aircraft may encounter delays attributable to PRM flow.

Pilot requirements and procedures are outlined in the U.S. Terminal Procedures Publications on the pages entitled “ATTENTION ALL USERS OF ILS PRECISION RUNWAY MONITOR (PRM) OR LDA PRECISION RUNWAY MONITOR (PRM).”

NOTICES TO AIRMEN (NOTAM) FOR THE OPERATIONAL EVALUATION OF RUNWAY STATUS LIGHTS (RWSL) AT THE SAN DIEGO INTERNATIONAL AIRPORT (SAN), SAN DIEGO, CA

PURPOSE

The Federal Aviation Administration (FAA) is conducting an operational evaluation of Light Emitting Diode (LED) **Runway Entrance Lights (RELs)**, part of the Runway Status Lights (RWSL) system, at San Diego International Airport in San Diego, California. The RWSL system at SAN is an experimental system that uses both primary and secondary surveillance to dynamically turn on/off lights indicating runway occupancy status directly to pilots. RWSL at SAN seeks to improve airport safety by indicating when it is unsafe to cross or enter a runway. RWSL is an automatic, advisory backup system designed to prevent or reduce the severity of runway incursions. RELs are being tested at selected taxiway-runway intersections on runway 9/27.

LIGHTING

RWSL at SAN conveys the **runway occupancy status**, indicating when a runway is unsafe to enter or cross through the use of in-pavement RELs, installed only at selected intersections as described below.

Runway Entrance Lights (RELs)

RELs are a series of **red**, in-pavement lights spaced evenly along the taxiway centerline from the taxiway hold line to the runway edge. One REL is placed just before the hold line and one REL is placed near the runway centerline. All RELs are directed toward the **runway hold line** and are oriented to be visible only to pilots and vehicle operators entering or crossing the runway from that location.

RELs are operational at the following intersections of Runway 9/27:

- **Taxiways C1, C2, and C6 on the north side of the runway, and**
- **Taxiways B1, B6, and B10 on the south side of the runway.**

Refer to Figure 1 in the ATTACHMENTS section for a diagram of RELs locations at SAN

OPERATION

RWSL is an advisory system for use by pilots and vehicle operators to increase and maintain situational awareness of high-speed aircraft or vehicles on runways. It operates independently of Air Traffic Control. Runway Status Lights have two states: ON (lights are illuminated **red**) and OFF (lights are off) and are switched automatically based on information from the airport surface surveillance systems. These surveillance systems include airport surveillance radar (ASR), airport surface detection radar (ASDE-3) and multilateration information from the ASDE-X surveillance system. **IT IS IMPORTANT THAT TRANSPONDERS BE TURNED ON AND KEPT ON WHILE TAXIING IN THE MOVEMENT AREA SO THAT BEACON-BASED POSITION AND AIRCRAFT IDENTIFICATION DATA ARE AVAILABLE TO RWSL.** Pilots should maintain an awareness of the Runway Status Lights. RELs that are

ON (illuminated **red**) indicate that the runway ahead is not safe to enter or cross. Pilots and vehicle operators should remain clear of a runway when RELs along their taxi route are illuminated. **RED RELs MEAN STOP!** Lights that are off convey no meaning. THE SYSTEM IS NOT, AT ANY TIME, INTENDED TO CONVEY APPROVAL OR CLEARANCE TO PROCEED ONTO A RUNWAY. Pilots remain obligated to comply with all ATC clearances, except when compliance would require crossing illuminated red RELs. In such a case, the crews should **HOLD SHORT** of the runway for RELs, CONTACT ATC, and await further instructions. If the pilots notice illuminated red RELs and remaining clear of the runway is impractical for safety reasons, then crews should proceed according to their best judgment of safety (understanding that illuminated RELs indicate the runway is unsafe to cross or enter) and contact ATC at the earliest opportunity. ATC may disable RWSL at any time if in their judgment the system is interfering with normal, safe operations. Pilots are requested when taxiing on the runway to limit taxi speed to below 30 knots, except when directed otherwise, to preclude turning on the RELs unnecessarily.

HOURS OF TESTING

The RWSL system is operational 24/7 except for short maintenance periods.

TEST CONFIGURATIONS AND RUNWAYS

RWSL testing of RELs at select locations will be conducted on runway 9/27 at SAN.

PILOT EVALUATION

An important part of the assessment includes collecting feedback from pilots. It is essential that pilots respond to brief surveys available on various venues including the RWSL website via the Internet, www.RWSL.net, in flight operations offices and domiciles at the SAN airport. Voluntary interviews with pilots will be conducted during the test period. Pilots are encouraged to respond with comments by answering the surveys on the website or by email to:

Jason Coon
Federal Aviation Administration
Project Manager - RWSL, eFAROS, FAROS
ATO-P, Advanced Technology Development & Prototyping Group (AJP-67)
Work: 202-267-9410, Cell: 571-334-2928, email: jason.coon@faa.gov

Please note that pilot feedback is essential to an accurate assessment of the acceptability and utility of the RWSL system.

Runway diagram of SAN with RELs locations

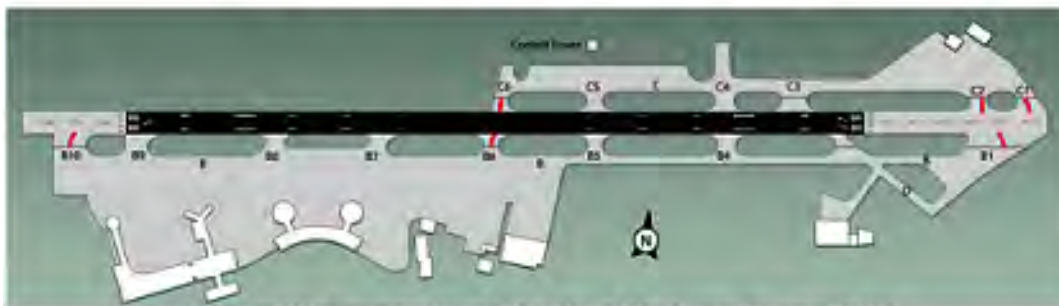


Figure 1. Runway Entrance Lights (RELs) Locations on 9/27

Runway Entrance Lights (RELs)

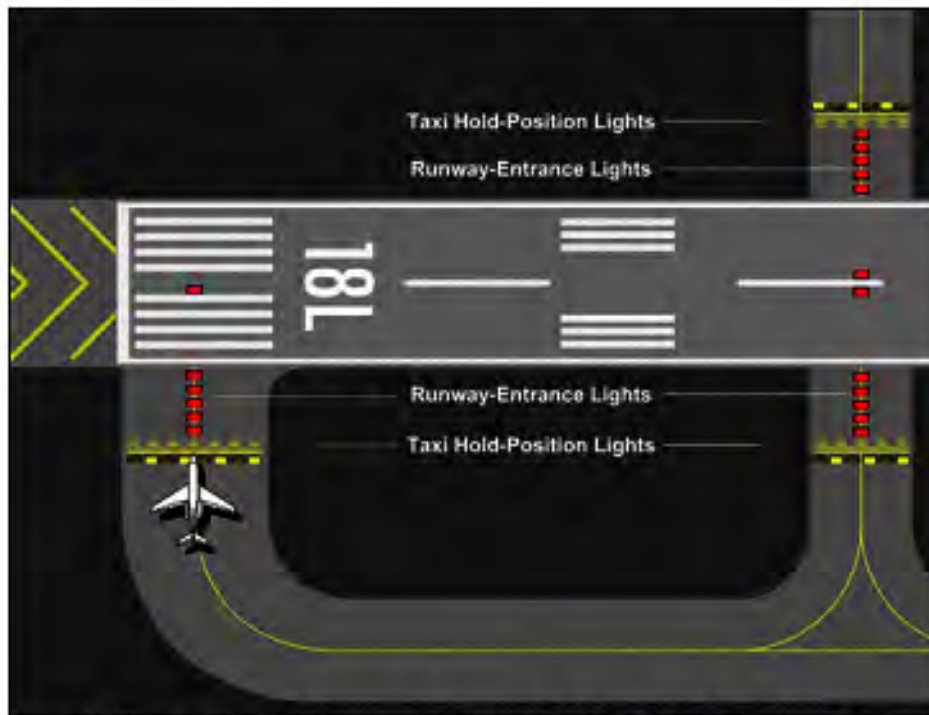


Figure 2. Generic illustration of Runway Entrance Lights (RELs) along a straight taxiway centerline (Not to scale)

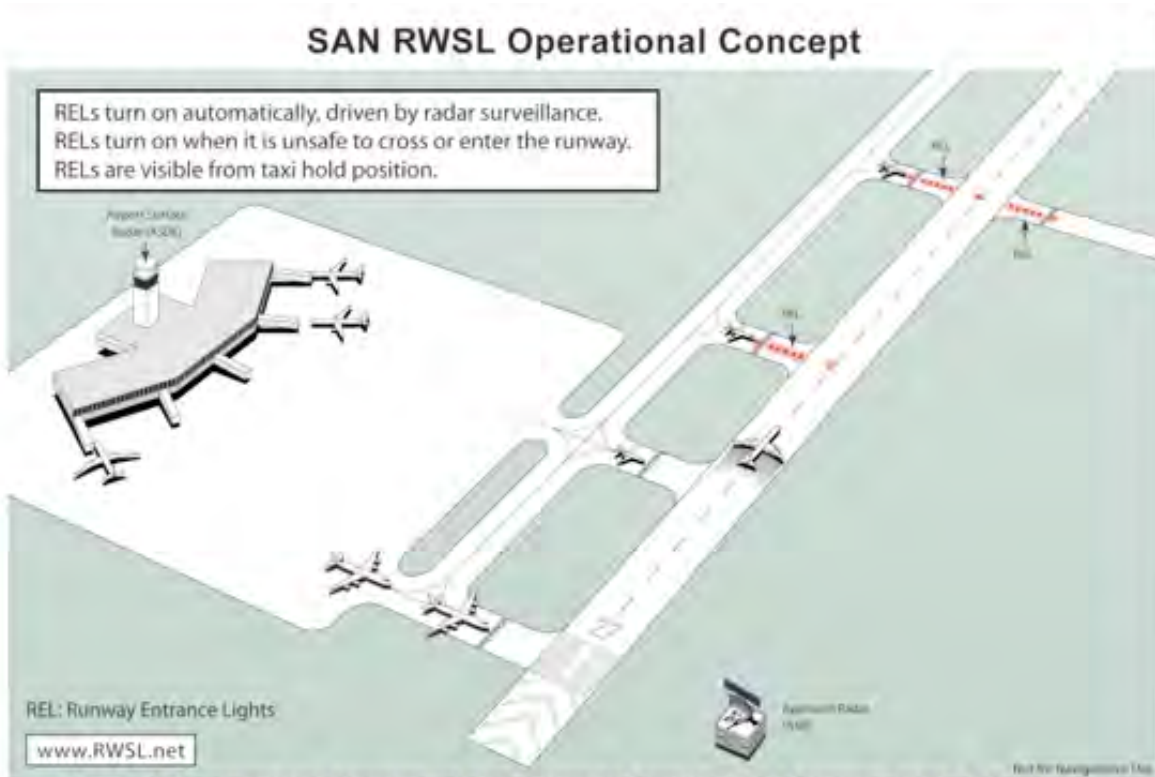


Figure 3. Conceptual diagram of the Runway Status Light System with RELs shown illuminated in red

Denver Tower

Standard Ramp Taxi Routes

Denver, Colorado

Denver Ramp Tower has instituted Standard Ramp Departure Taxi Routes for aircraft departing the main ramp and south cargo. Pilots who are unable to comply with standardized routes should advise Ramp Control on initial contact. The route will be issued by Ramp Control as “Standard Taxi East” or “Standard Taxi West”.

Standard Ramp Departure Taxi Routes

Standard Taxi East	
Origin	Routing
Concourse A – South Side	Taxi via Taxiway Alfa Sierra (AS) towards Apron Location Point 2E. Hold short of Taxiway Lima (L). Contact Ground on 121.85 when number one at Apron Location Point 2E.
Concourse A – North Side	Taxi via Taxiway Bravo Sierra (BS) towards Apron Location Point 4E Hold short of Taxiway Lima (L). Contact Ground on 121.85 when number one at Apron Location Point 4E.
Concourse B – South Side	Taxi via Taxiway Bravo Sierra (BS) towards Apron Location Point 4E. Hold short of Taxiway Lima (L). Contact Ground on 121.85 when number one at Apron Location Point 4E.
Concourse B – North Side	Taxi via Taxiway Charlie Sierra (CS) towards Apron Location Point 6E. Hold short of Taxiway Lima (L). Contact Ground on 121.85 when number one at Apron Location Point 6E.
Concourse C – South Side	Taxi via Taxiway Charlie Sierra (CS) towards Apron Location Point 6E. Hold short of Taxiway Lima (L). Contact Ground on 121.85 when number one at Apron Location Point 6E.
Concourse C – North Side	Taxi via Taxiway Charlie November (CN) towards Apron Location Point 7E. Hold short of Taxiway Lima (L). Contact Ground on 121.85 when number one at Apron Location Point 7E.
South Cargo	Taxi east on Taxiway Alfa (A). Hold short of Taxiway Lima (L). Contact Ground on 121.85 when number one at the taxiway clearance bar.

Standard Ramp Departure Taxi Routes

Standard Taxi West	
Origin	Routing
Concourse A – South Side	Taxi via Taxiway Alfa Alfa (AA) towards Apron Location Point 1W. Hold short of Taxiway Golf (G). Contact Ground on 127.5 when number one at Apron Location Point 1W.
Concourse A – North Side	Taxi via Taxiway Alfa November (AN) towards Apron Location Point 3W. Hold short of Taxiway Golf (G). Contact Ground on 127.5 when number one at Apron Location Point 3W.
Concourse B – South Side	Taxi via Taxiway Alfa November (AN) towards Apron Location Point 3W. Hold short of Taxiway Golf (G). Contact Ground on 127.5 when number one at Apron Location Point 3W.
Concourse B – North Side	Taxi via Taxiway Bravo November (BN) towards Apron Location Point 5W. Hold short of Taxiway Golf (G). Contact Ground on 127.5 when number one at Apron Location Point 5W.
Concourse C – South Side	Taxi via Taxiway Bravo November (BN) towards Apron Location Point 5W. Hold short of Taxiway Golf (G). Contact Ground on 127.5 when number one at Apron Location Point 5W.
Concourse C – North Side	Taxi via Taxiway Charlie November (CN) towards Apron Location Point 7W. Hold short of Taxiway Golf (G). Contact Ground on 127.5 when number one at Apron Location Point 7W.

STANDARDIZED TAXI ROUTES FOR LOS ANGELES INTERNATIONAL AIRPORT (KLAX)

The following Standardized Taxi routes may be issued to all taxiing aircraft.

North Route

Taxi towards taxiway Sierra (S) taxi northbound on taxiway Sierra (S), and at Check-point-1 contact Ground Control on frequency 121.65, hold short of taxiway Delta (D).

Taxiway Sierra (S) is not visible from the ATCT

South Route

Taxi towards taxiway Romeo (R) taxi southbound on taxiway Romeo (R), and at Check-point-2 contact Ground Control on frequency 121.4, hold short of taxiway Charlie (C).

Taxiway Romeo (R) is not visible from the ATCT

Bradley Route

Taxi toward Taxiway Sierra (S) taxi southbound on Taxiway Sierra (S), and at Check-point-1 contact Ground Control on frequency 121.75, hold short of Taxiway Charlie (C).

Taxiway Sierra (S) is not visible from the ATCT

West Route

Taxi westbound on Taxiway Charlie (C) towards taxiway Alfa-Alfa (AA), hold short of taxiway Alfa-Alfa (AA), contact Ground Control on frequency 121.65 when number one approaching Taxiway Alfa-Alfa (AA).

Taxiway Alfa-Alfa (AA) is not visible from the ATCT

Bridge Route

Taxi towards taxiway Alfa-Alfa (AA) taxi southbound on taxiway Alfa-Alfa (AA), and at Check-point-3 contact Ground Control on frequency 121.4, hold short of taxiway Charlie (C).

Taxiway Alfa-Alfa (AA) is not visible from the ATCT

Romeo Route

Taxi westbound on Taxiway Charlie (C) towards Taxiway Romeo (R), hold short of Taxiway Romeo (R), contact Ground Control on frequency 121.65 when number one approaching Taxiway Romeo (R).

Taxiway Romeo (R) is not visible from the ATCT.

Van Nuys Airport (VNY)

Van Nuys, California

Simultaneous Same Direction Operations

Van Nuys Air Traffic Control Tower has been granted a waiver that authorizes air traffic personnel to conduct simultaneous, same direction operations on parallel runways separated by less than 500 feet between centerlines for lightweight single-engine propeller driven aircraft and Category II and III twin engine propeller driven aircraft.

SAN FRANCISCO INTERNATIONAL AIRPORT EXPANDED CHARTED VISUAL FLIGHT PROCEDURES

(Until Further Notice)

GENERAL

San Francisco International Airport (SFO) is subject to stratus moving slowly from West to East, creating a reportable weather ceiling over the airport, while the final approach area for Runways 28R and 28L have no significant ceiling or visibility conditions. And expanded charted visual flight procedure (E/CVFP) has been developed to maximize the level of airport efficiency during the unusual weather conditions described above.

MINIMUMS

The E/CVFP incorporates the following weather minimums:

SFO ceiling 2100 feet and visibility 5 miles; or,

SFO ceiling 1000 feet and visibility 3 miles, and,

visibility 5 miles in the Eastern quadrant (030–120), and,

ceiling 2400 and visibility 5 miles at the automated weather observing system (AWOS) located at N37° 34.338 W122° 15.598 LOM.

In the event the AWOS is inoperative, weather at San Carlos (SQL) is required to be at least ceiling 2400 feet and visibility 5 miles.

Although the listed weather minima are in effect aircraft should not expect simultaneous E/CVFP approaches unless N37° 34.338 W122° 15.598 AWOS ceiling is at least 3500 feet and visibility is at least 5 miles.

SPACING AND SEQUENCING

Controllers will clear aircraft for the E/CVFP in accordance with the provisions of Order 7110.65, Air Traffic Control. They will not utilize phrases requesting or requiring aircraft to "fly right alongside", "wingtip to wingtip", or "directly abeam" other aircraft. Additionally, controllers will not assign instructions or require aircraft to pass and/or overtake other aircraft on the adjacent final approach course. Preferably, aircraft will be vectored to achieve a slightly staggered position of approximately 1/8 to 1/4 mile behind the aircraft on the adjacent final approach course. Heavy aircraft and B757's will not be authorized to overtake another aircraft on the adjacent final approach course. Wake turbulence cautionary advisories will be issued, as appropriate.

GO-AROUND PROCEDURE

The Tipp Toe and Quiet Bridge approaches are visual approaches, and as such have no missed approach segment. If a go-around is necessary, aircraft will be issued an appropriate advisory/clearance/instruction by

the tower or TRACON. To ensure standard separation from other traffic, these instructions will include the assignment of a specific heading and altitude, normally, the following procedures will apply:

Tipp Toe Visual Runway 28L

In the event of a go-around turn left heading 265, climb and maintain 3000; or as directed by Air Traffic Control.

Quiet Bridge Visual Runway 28R

In the event of a go-around turn right heading 310, climb and maintain 3000; or as directed by Air Traffic Control

OPERATIONAL USE OF RUNWAY STATUS LIGHTS (RWSL) AT THE PHOENIX SKY HARBOR

INTERNATIONAL AIRPORT (PHX), PHOENIX, AZ

The Federal Aviation Administration (FAA) will operate the Runway Status Lights (RWSL) system at Phoenix International Airport (PHX) commencing on August 21, 2013.

Runway Status Lights, indicate when a runway is unsafe to enter, cross, or take-off through the use of in-pavement red lights installed only at selected intersections and runways as described below.

LIGHTING

RWSL conveys the runway occupancy status, indicating when a runway is unsafe to enter through the use of red in-pavement warning Runway Entrance Lights (RELs) and when it is unsafe to take off through the use of red in-pavement warning Takeoff Hold Lights (THLs).

The RELs are a series of red lights, typically 6, 7 or up to 20+ in-pavement lights spaced evenly along the taxiway centerline from the taxiway hold line to the runway edge. One REL is placed just before the hold line and one REL is placed near the runway centerline. All RELs are directed toward the **runway hold line** and are oriented to be visible only to pilots and vehicle operators entering or crossing the runway from that location. RELs are operational at the following intersections at PHX:

- **Runway 8/26**
 - **Taxiways A1,A9,A11 (NORTH SIDE OF RUNWAY 8/26) B1,B8,B11, B13 (SOUTH SIDE OF RUNWAY 8/26)**
- **Runway 7L/25R**
 - **Taxiways E3, E4,E5,E6,E7,E8, E9, E10, E11, E12, E13 (NORTH SIDE OF RUNWAY 7L/25R), TAXIWAYS F3,F4, F6,F8,F9,F10,F11,F12,F13 (SOUTH SIDE OF RUNWAY 7L/25R)**
- **Runway 7R/25L**
 - **Taxiways G1,G3,G4,G5,G7,G8 (NORTH SIDE OF RUNWAY 7R/25L) TAXIWAYS H1,H3,H4,H5,H7 (SOUTH SIDE OF RUNWAY 7R/25L)**

THLs are directed toward the **approach end** of the runway and are visible to pilots in position for takeoff or just commencing departure roll. There are two sets of THLs, each comprising a series of sixteen **red** in-pavement lights at 100–spacing along the runway centerline. The two sets of THLs are operational at the full-length departure positions on the following runways at PHX:

- **7L**
- **25R**

When operating at airports with RWSL, pilots will operate with the transponder “On” when departing the gate or parking area until arrival at the gate or parking area. This ensures interaction with the FAA surveillance systems which provide information to the RWSL system.

Runway Status Lights indicate runway status only. They do not substitute for an ATC clearance. Pilots are still required to receive an ATC clearance as they normally would for any operation on the runway.

Pilots are encouraged to learn more about the RWSL system at http://www.faa.gov/air_traffic/technology/rwsl/

Los Angeles International Airport (LAX)

Noise Abatement Procedures

Successive or simultaneous departures from Runways 24L/R and Runways 25 L/R are authorized, with course divergence beginning within 2 miles from the departure end of parallel runways, due to noise abatement restrictions.

The published departure procedure from Runways 25L/R may include a left turn in addition to the at or below 3000- foot altitude restriction, at the SMO 154°/SMO 160° crossing radial or the DOCKR/HIIPR RNAV fixes.

When the published departure procedure includes a left turn, expeditious compliance of this turn is required, when crossing the SMO 154°/160° radial or DOCKR/HIIPR RNAV fix, to ensure simultaneous departure separation from the north complex Runways 24L/R.

Failure to initiate the turn in an expeditious manner could result in the filing of a pilot deviation due to the automatic features of the Traffic Analysis and Review Program (TARP).



Los Angeles International Airport (LAX)

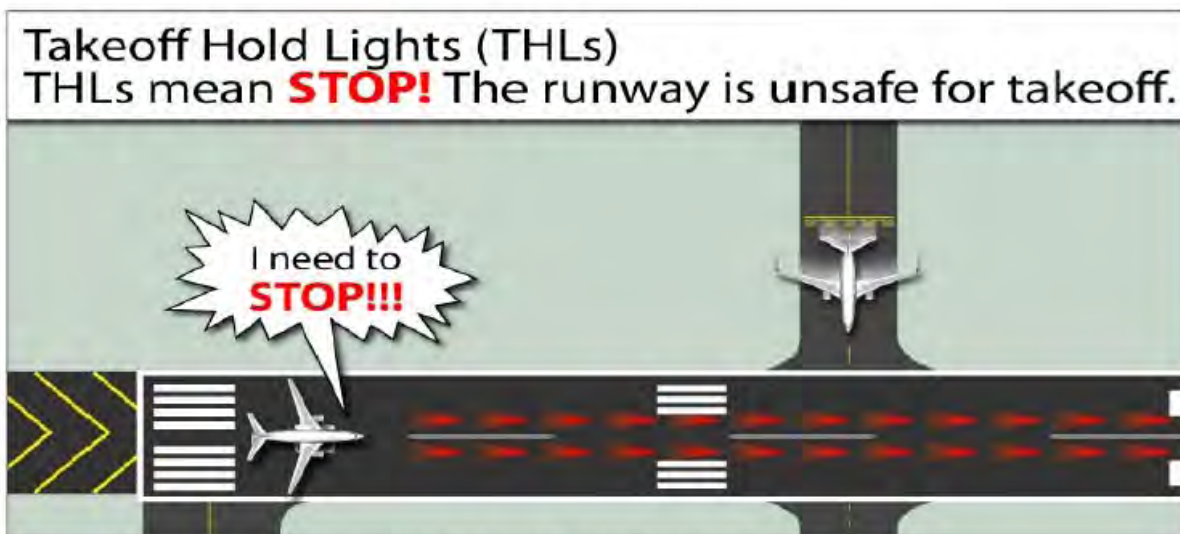
Runway Status Lights (RWSLs)

LAX Runway Status Lights (RWSLs) are operating in a test mode. RWSLs are red in-pavement lights that serve as warning lights on runways and taxiways indicating that it is unsafe to enter, cross, or begin takeoff on a runway when illuminated.

Note: RWSLs indicate a runway's status only, they do not indicate clearance. Pilots and vehicle operators are required to receive a clearance from air traffic control before proceeding.



Above: the lights indicate the presence of an airplane on an active runway.



Above: the lights indicate that it is unsafe to begin a takeoff.



Above: a diagram of the two THL and 26 REL arrays at LAX.

For more information, visit the website: http://www.faa.gov/air_traffic/technology/rwsl/.



Alaska



Hawaii



MODE C INTRUDER ALERT SERVICES

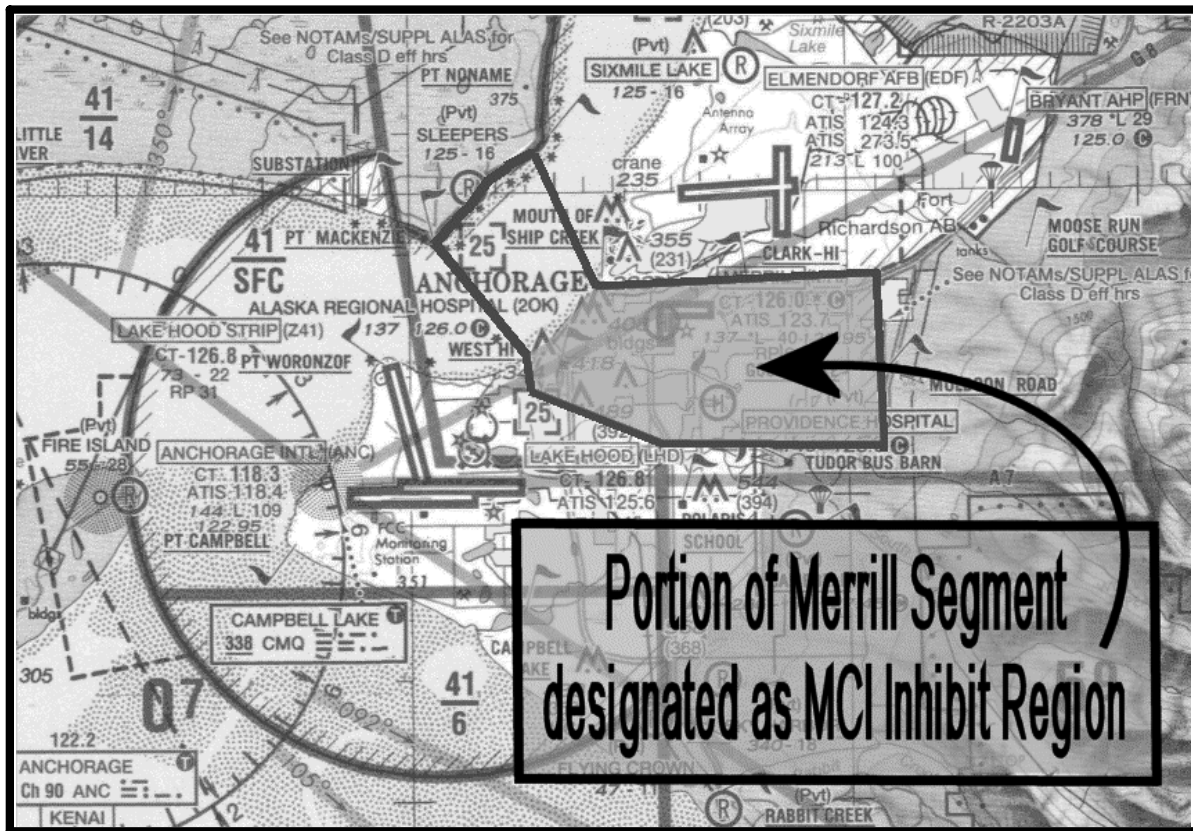
Merrill Field Airport

Anchorage, Alaska

MODE C INTRUDER ALERT is a function of certain air traffic control automated systems designed to alert radar controllers to existing or pending situations between a tracked target (known IFR or VFR aircraft) and an untracked target (an unknown IFR or VFR aircraft equipped with an operating Mode C transponder) that requires immediate attention/action.

Mode C Intruder Alert provides an aural and associated visual alert that produces enlarged and blinking alphanumeric data blocks displayed on the controller's radar display. Due to the close proximity of aircraft, the enlarged and blinking data blocks overlap and may make the radar unusable during periods of high air traffic activity. Additionally, the associated aural alarm may distract the controller from performing air traffic control duties.

The Mode C Intruder Alert base altitude has been adjusted from 643 feet above Mean Sea Level to 1,201 feet above Mean Sea Level within that portion of the Merrill Class D Surface Area that overlies land southeast of the south shore of Knik Arm. This action eliminates Mode C Intruder Alerts in the Merrill Field traffic pattern, while continuing to provide alerts in the areas over the Knik Arm, east of Muldoon Road and South of Tudor Road.



(AAL-530 8/7/01)

MODE C INTRUDER ALERT SERVICES

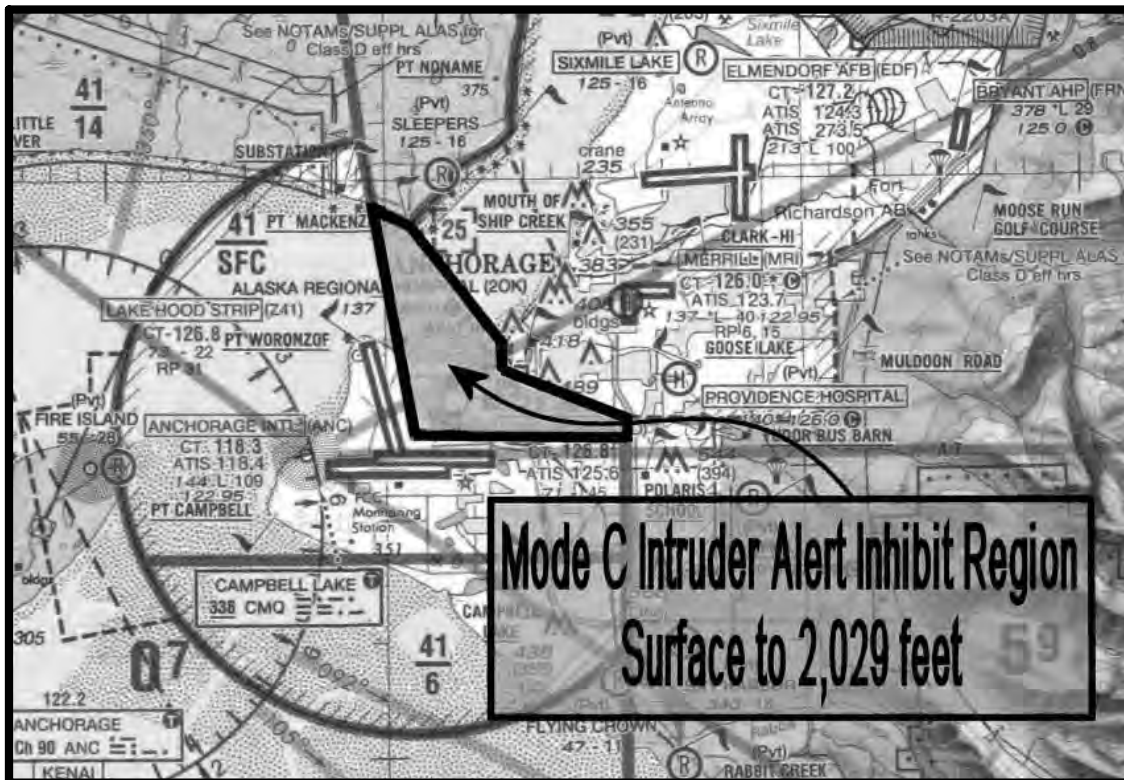
Lake Hood Seaplane Base

Anchorage, Alaska

MODE C INTRUDER ALERT is a function of certain air traffic control automated systems designed to alert controllers to existing or pending situations between a tracked target (a known IFR or VFR aircraft) and an untracked target (an unknown IFR or VFR aircraft equipped with an operating Mode C transponder) that requires immediate attention/action.

Mode C Intruder Alert provides an aural and associated visual alert that produces enlarged and blinking alphanumeric data blocks on the controller's radar display. Due to the close proximity of aircraft, the enlarged and blinking data blocks may make the radar unusable and the associated aural alarm may distract the controller from performing air traffic control duties.

During periods of high air traffic activity, Lake Hood Tower may elect to temporarily disable the Mode C Intruder Alert function within the Lake Hood Segment (as described in 14 CFR 93.55) below 2,029 feet AGL. Suspensions of Mode C Intruder Alert service will be broadcast on the Lake Hood ATIS.



(AAL-530 8/7/01)

MODE C INTRUDER ALERT SERVICES

Point Mackenzie Area

Northwest of Anchorage, Alaska

MODE C INTRUDER ALERT is a function of certain air traffic control automated systems designed to alert controllers to existing or pending situations between a tracked target (a known IFR or VFR aircraft) and an untracked target (an unknown IFR or VFR aircraft equipped with an operating Mode C transponder) that requires immediate attention/action.

Mode C Intruder Alert provides an aural and associated visual alert that produces enlarged and blinking alphanumeric data blocks on the controller's radar display. Due to the close proximity of aircraft, the enlarged and blinking data blocks may make the radar unusable and the associated aural alarm distracts the controller from performing air traffic control duties.

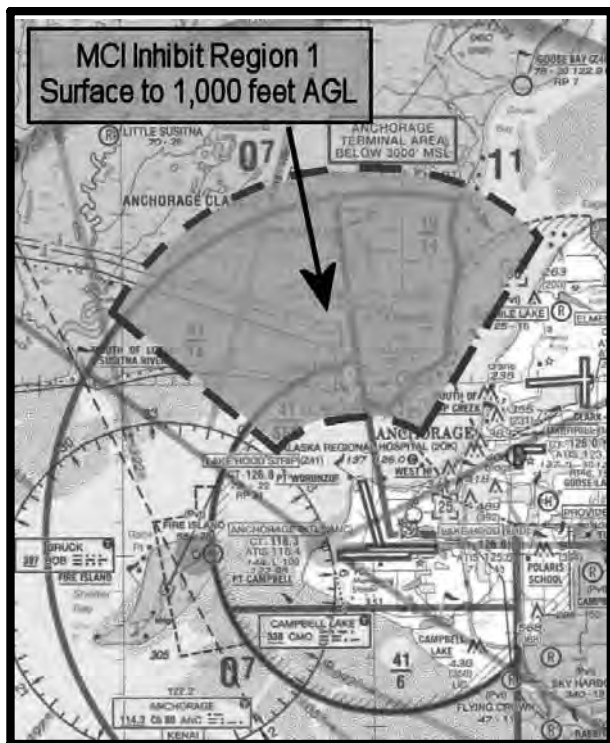
During periods of high air traffic activity in the vicinity of Point Mackenzie, Anchorage Approach Control may temporarily disable the Mode C Intruder Alert function within one or both of the following areas:

Region 1: A dual range, dual azimuth area, based upon the Anchorage Airport Surveillance Radar (ASR) antenna, from 285° magnetic to 007° magnetic, between 3.66 nautical miles and 10 nautical miles, and from the surface up to and including 1,000 feet above ground level (AGL).

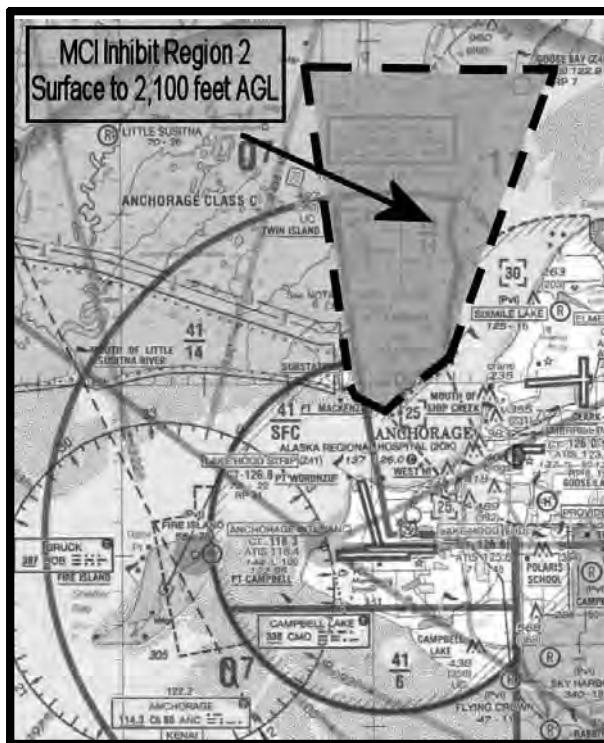
Region 2: From the surface up to and including 2,100 feet AGL within a polygon defined by the following latitude/longitude points:

61:24:00.0N	149:50:00.0W	(1ST & LAST POINT)
61:15:36.0N	149:55:00.0W	(NEXT POINT)
61:14:10.0N	149:59:00.0W	(NEXT POINT)
61:14:30.0N	150:00:30.0W	(NEXT POINT)
61:24:00.0N	150:04:00.0W	(NEXT POINT)

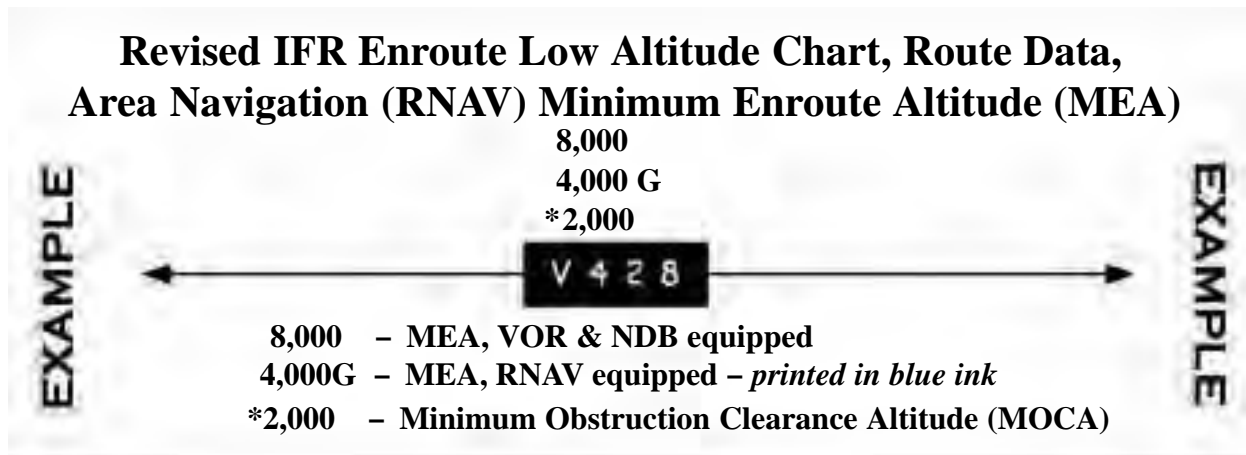
A message will be broadcast on the Anchorage ATIS, Lake Hood ATIS, and MRI ATIS when the Mode C Intruder Alert function is disabled.



Mode C Alert Inhibit Region 1



Mode C Alert Inhibit Region 2



**Implementation of Instrument Flight Rules (IFR)
Area Navigation (RNAV) Operations
Using Global Positioning Systems (GPS) In Alaska**

When. May 15, 2003

Type. Permanent

Purpose.

To enable, in Alaska, the use of Global Positioning System/Wide Area Augmentation Systems (GPS/WAAS) for IFR RNAV in lieu of ground-based navigation aids, including altitudes below current IFR Minimum Enroute Altitudes (MEAs). In general, IFR enroute altitudes are determined by (1) obstacle clearance; (2) the lowest altitude for receiving ground-based radio navigation signals; and (3) the lowest altitude for two-way voice communication with Air Traffic Control (ATC). No accommodation was made for IFR altitudes determined by fixes using other than ground-based navigation aids. Under SFAR No. 97, operators using IFR certified TSO C145a and TSO C146a GPS WAAS RNAV systems are permitted to conduct operations over routes in Alaska at the lowest MEA based only on route obstacle assessments and ATC two-way voice communication capability.

Operations.

SFAR No. 97 allows the use of IFR-certified RNAV GPS/WAAS systems in lieu of ground facilities. This SFAR can be used for U.S. and foreign Part 91 operations, as well as Part 119 operations, Part 125 certificate holders, and Part 129 operations specifications holders, commercial, and certificated air carrier operators, in Alaska. The SFAR establishes training requirements for operators, including service degradation and equipment failure modes. It allows operators subject to this SFAR to operate over Air Traffic Service (ATS) routes where the MEA for a route or route segment is lower for GPS/WAAS IFR RNAV-equipped aircraft than the MEA for operators equipped only with ground-based navigation systems. This flexibility allows those GPS/WAAS IFR RNAV-equipped operators to conduct operations at the lowest permissible altitude in an attempt to avoid in-flight icing or other adverse weather conditions.

Required equipment.

TSO C145a and TSO C146a GPS WAAS navigation systems are authorized to be used as the only means of navigation on Federal airways and other published ATS routes in lieu of ground-based navigation aids in Alaska. In the absence of a WAAS signal, these systems continue to provide navigation guidance using fault detection and exclusion (FDE) or receiver autonomous integrity monitoring (RAIM) techniques. Commercial operators are required to have dual TSO C145a or TSO C146a GPS WAAS navigation equipment, while Part 91 operations require at least one.

New chart features/symbology.

The new RNAV MEAs will be depicted on the Low Altitude Enroute Charts as in the example at the top of this notice. Without a Special (RNAV) MEA depicted, the Standard MEA will be used.

Chart terminology.

“Special MEA” refers to the minimum enroute IFR altitude using GPS/WAAS systems on an ATS route, ATS route segment, or other direct route outside the operational service volume of ground-based navigation aids. “Standard MEA” refers to the minimum enroute IFR altitude on an ATS route, ATS route segment, or other direct route that uses very high frequency/ultra high frequency (VHF/UHF) ground-based navigation aids.

ATS route.

The term ATS route includes Jet Routes, Colored Federal Airways, VOR Federal Airways, and RNAV Routes.

(AAL-535 3/20/03)

Increased Surveillance for the ADS-B Equipped Aircraft

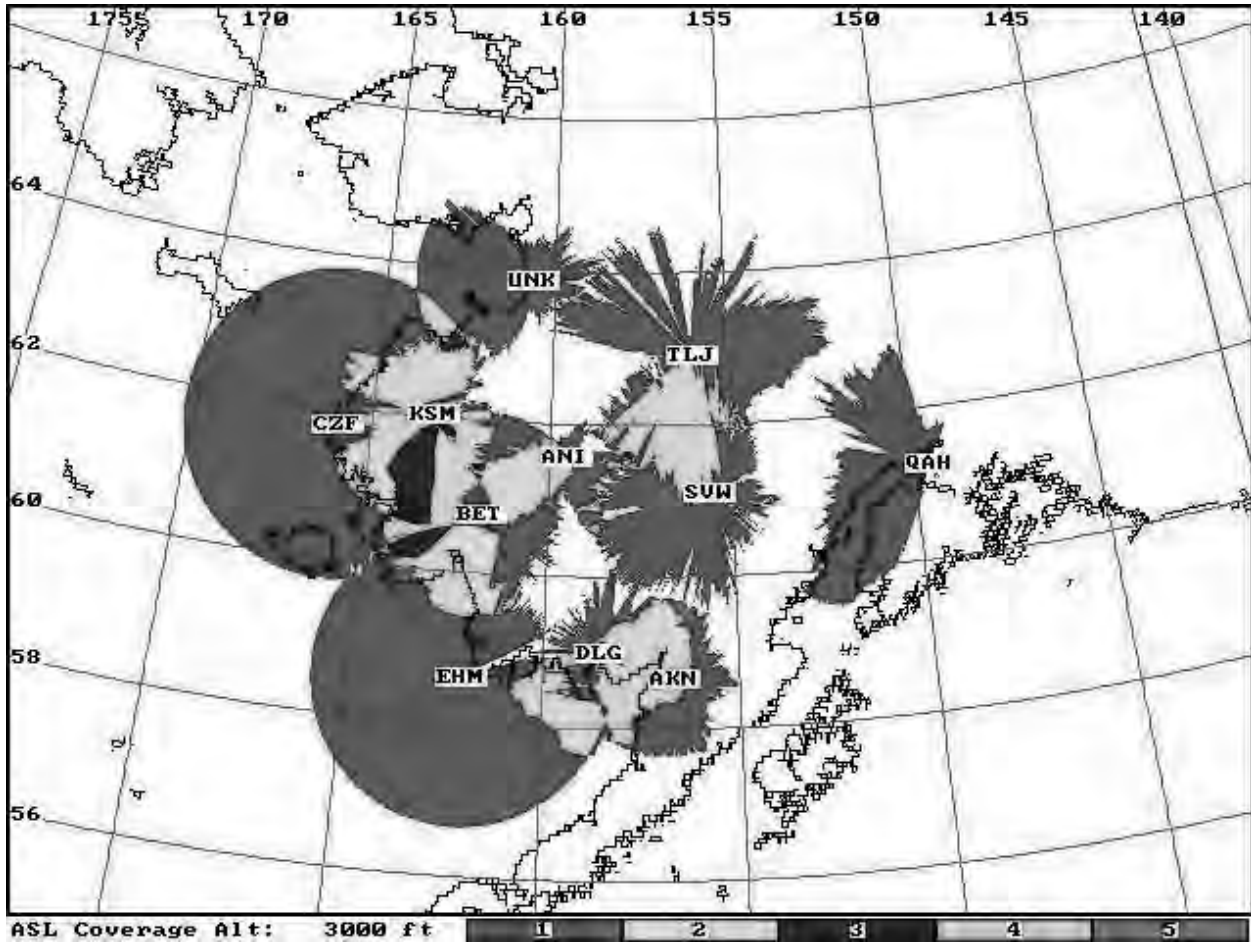
The Alaskan Region proposes to implement additional surveillance coverage to Automatic Dependent Surveillance-Broadcast (ADS-B) equipped aircraft in the Yukon Kuskokwim (Y-K) Region, Southwest Alaska.

Ground Based Transceiver (GBT) sites will come on incrementally as equipment is certified and commissioned by Airway Facilities technicians. We anticipate these sites to come on line as technical issues are resolved.

Anchorage Air Route Traffic Control Center (ARTCC) will provide Instrument Flight Rules (IFR) surveillance service to ADS-B equipped aircraft based on existing air traffic control directives.

CURRENT OPERATIONAL SITES		
Bethel	BET	60-47-20N, 161-50-33W
Aniak	ANI	61-35-00N, 159-33-35W
St. Marys	SMA	62-03-33N, 163-17-21W
NEW SURVEILLANCE SITES		
Dillingham	DLG	59-00-03N, 158-32-53W
Unalakleet	UNK	63-53-18N, 160-47-48W
King Salmon	AKN	58-40-57N, 156-39-54W
Cape Newenham	EHM	58-38-05N, 162-03-25W
Cape Ramonzof	CZF	61-47-01N, 166-00-11W
Sparrevohn	SVW	61-06-22N, 155-36-20W
Tatalina	TLJ	62-58-07N, 156-00-38W

Projected GBT Coverage at 3,000 Feet Above Sea Level
Difference in shading reflects the number of GBTs in your line-of-sight.



(AAL-530 12/12/03)

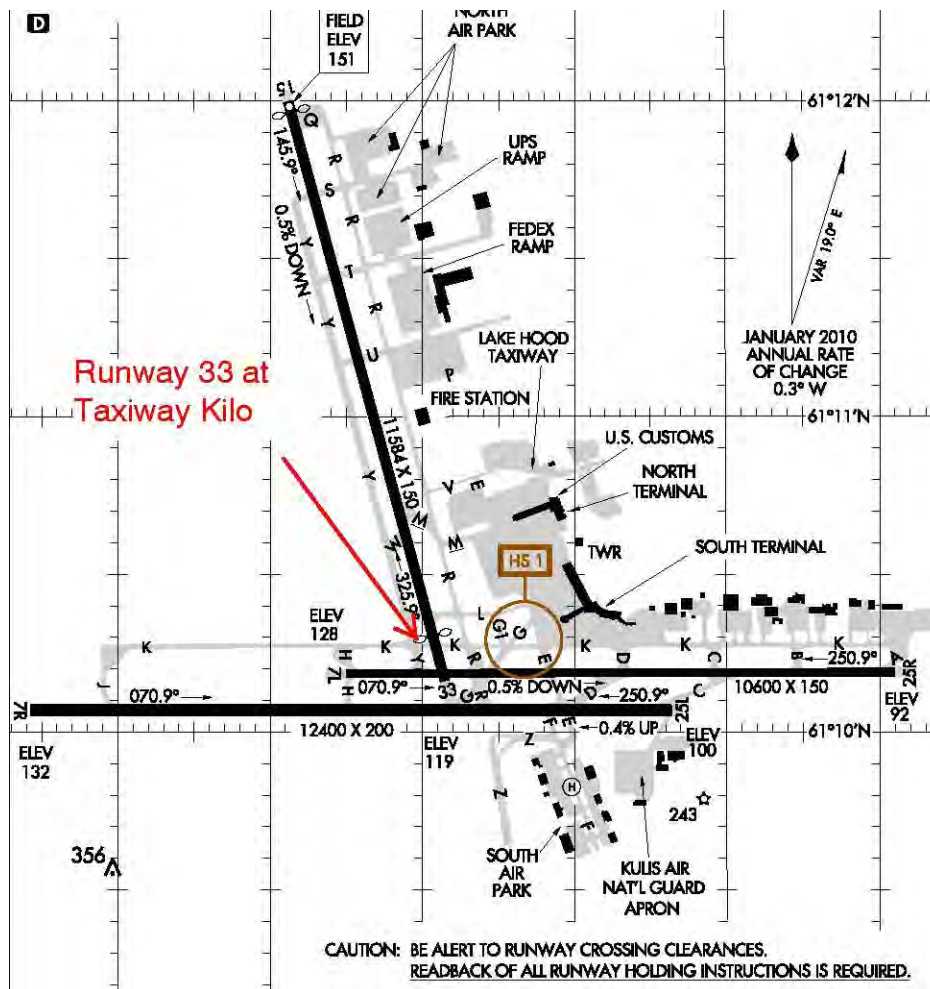
LINE UP AND WAIT OPERATIONS

Ted Stevens Anchorage International Airport

Anchorage, Alaska

LINE UP AND WAIT (LUAW) procedures are a tool used by air traffic control to expedite the movement of aircraft on an airport. Normally, LUAW is not authorized for intersection departures between the hours of sunset and sunrise. Anchorage Tower operates under a waiver that permits these operations on Runway 33 at Taxiway Kilo between the hours of sunset and sunrise under the following conditions:

1. The intersection must be visible from the tower.
2. Runway 33 is restricted to departures only.
3. Aircraft shall not simultaneously line up and wait from any other point on Runway 33.



SPECIAL USE AIRSPACE

W-220

Oliktok, Alaska

Warning Area W-220 is being established to support research conducted by the Department of Energy as part of the North Slope of Alaska Atmospheric Radiation Measurement Climate Research Facility.

Due to the yearly print cycle of the Point Barrow Sectional, W-220 will be effective before the charting in 2016. This graphic notice is provided until the Point Barrow Sectional chart is updated to reflect the W-220 airspace. W-220 is divided in 16 sub-areas, W-220A through H, each with a high and low division. Only W-220A and W-220B will appear on the Sectional chart, the remaining areas fall outside the lateral boundaries of the U.S. Sectional publications, extending north to 82°00'00"N. In all subdivisions, the Times of Use are by NOTAM, the Controlling Agency is Anchorage ARTCC and the Using Agency is U.S. Department of Energy, Office of Science, Biological and Environmental Research. The descriptions of W-220A and W-220B are as follows:

W-220A Low Oliktok, AK

Boundaries: Beginning at lat. 70°47'00"N., long. 150°58'15"W.;
To lat. 71°37'00"N., long. 151°01'03"W.;
To lat. 71°37'00"N., long. 148°42'04"W.;
To lat. 70°47'00"N., long. 148°44'52"W.;
To the point of beginning.

Altitudes: Surface up to but not including 2,000 feet MSL.

W-220A High Oliktok, AK

Boundaries: Beginning at lat. 70°47'00"N., long. 150°58'15"W.;
To lat. 71°37'00"N., long. 151°01'03"W.;
To lat. 71°37'00"N., long. 148°42'04"W.;
To lat. 70°47'00"N., long. 148°44'52"W.;
To the point of beginning.

Altitudes: 2,000 feet MSL up to but not including 2,000 feet MSL.

W- 220B Low Oliktok, AK

Boundaries: Beginning at lat. 71°37'00"N., long. 151°01'03"W.;
To lat. 72°27'00"N., long. 151°04'09"W.;
To lat. 72°27'00"N., long. 148°39'03"W.;
To lat. 71°37'00"N., long. 148°42'04"W.;
To the point of beginning.

Altitudes: Surface up to but not including 2,000 feet MSL.

W- 220B High Oliktok, AK

Boundaries: Beginning at lat. 71°37'00"N., long. 151°01'03"W.;
To lat. 72°27'00"N., long. 151°04'09"W.;
To lat. 72°27'00"N., long. 148°39'03"W.;
To lat. 71°37'00"N., long. 148°42'04"W.;

Section 4. Major Sporting and Entertainment Events

College Football Playoff Championship

SPECIAL TRAFFIC MANAGEMENT PROCEDURES

ARRIVAL AND DEPARTURE ROUTES AND RESERVATIONS PHOENIX, ARIZONA TERMINAL AREA

In anticipation of a large number of aircraft operating to and from the Phoenix Arizona Metropolitan Area the week of the College Football Playoff Championship Game , the following procedures will be used to enhance safety and minimize air traffic delays.

SECURITY PROVISIONS

Special security provisions will be in effect for this event including (but not limited to) Temporary Flight Restrictions (TFRs), two-way communication and discrete transponder requirements. Specific procedures contained in this NOTAM may be revised and access to some airports may be restricted. Pilots are encouraged to check NOTAMs frequently to verify they have the most current information.

TFR information is normally disseminated via FDC NOTAM 3 to 5 days prior to the event. Once published, text and graphic depictions of restrictions may be found on the following web site:

www.tfr.faa.gov

Pilots should be prepared to provide documentation including personal identification, certificate number, aircraft ownership information, and a contact number.

THIS NOTAM DOES NOT SUPERSEDE RESTRICTIONS PERTAINING TO THE USE OF AIRSPACE CONTAINED IN FDC NOTAMS.

TRAFFIC MANAGEMENT

Traffic management initiatives will be utilized when arrival rates exceed airport capacity. Pilots should be prepared for potential airborne holding, reroutes, or Expect Departure Clearance Times (EDCT's) that may be issued for all domestic IFR arrivals to the following airports:

AIRPORT	LOCATION	IDENTIFIER
Phoenix Sky Harbor	Phoenix, AZ	PHX
Phoenix Deer Valley	Phoenix, AZ	DVT
Glendale	Glendale, AZ	GEU
Goodyear	Goodyear, AZ	GYR
Scottsdale	Scottsdale, AZ	SDL

Heavy demand and traffic management initiatives may be expected during the following dates/times:

DAILY	Friday, January 8, 2016, 0800 MST (1500 UTC) through Tuesday, January 12, 2016, 1400 MST (2100 UTC)
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AIRFILES AND CHANGE OF DESTINATION

Traffic management initiatives for this event are designed to provide equitable airspace access. To maintain program integrity and minimize delays, no airborne IFR filing or airborne changes of destination will be allowed within 200nm of Phoenix Terminal airspace, except in emergency situations. Duplicate flight plans (same time/call sign) to multiple airport destinations are subject to removal from the system.

PREFERED ROUTES

IFR aircraft arriving and departing the Phoenix area should file and expect to be routed via the following routes.

ARRIVAL ROUTES for TURBOJET AIRCRAFT

Effective Monday, January 11, 2016, 0800 MST (1500 UTC) through Tuesday, January 12, 2016, 1400 MST (2100 UTC).

Arriving: GEU / GYR from the East	
ARRIVALS	ROUTE
Thru Northern ZAB	FLG..DRK.. DRK200045 direct DESTINATION
Thru Southern ZAB	SSO..TUS..GBN direct DESTINATION

DEPARTURE ROUTES for TURBOJET AIRCRAFT

Due to the expected heavy volume of departures, users must file published standard instrument departure routes. ATC will issue re-routes to aircraft not in compliance. In order to avoid departure delays and control volume, ATC may issue alternative departure routings.

AIRPORT INFORMATION

Airport diagrams are available on the Internet at: http://www.faa.gov/air_traffic/flight_info/aeronav/

Practice approaches and touch-and-go/pilot training operations at Phoenix metropolitan airports may be limited or suspended from January 11 through January 12, 2016 due to the high volume of traffic associated with Super Bowl XLIX.

FLIGHT PLANS AND WEATHER INFORMATION

To ensure proper processing, flight plans should be filed at least 4 hours prior to departure.

Lockheed Martin Automated Flight Service Station	
Telephone Flight Planning	1-800-WX-BRIEF

**AIRPORT RESERVATIONS
ARRIVAL AND DEPARTURE**

PHOENIX ARIZONA

EFFECTIVE 1601091300 UTC UNTIL 1601122359 UTC

Due to the high volume of air traffic to and from the Phoenix Metropolitan Area a reservation will be required for IFR arrivals and departures to and from the following airports for the dates and times listed below.

When you make your reservations you will receive a reservation number. Enter this number in the remarks sections of your flight plan and use the reservation time as your proposed time when you file your flight plan.

PHOENIX SKY HARBOR INTERNATIONAL AIRPORT (PHX)

1601091300 UTC UNTIL 1601122359 UTC

For arrival and departure reservations at PHX contact your preferred FBO:

CUTTER AVIATION	SWIFT AVIATION
602.273.1237	602.273.3770
www.cutteraviation.com	www.swiftaviation.com

SCOTTSDALE AIRPORT (SDL)

1601111900 UTC UNTIL 1601121900 UTC

For arrival and departure reservations at SDL contact your preferred FBO:

LANDMARK AVIATION	SIGNATURE AVIATION
800.995.5387	480.951.2525
www.landmarkaviation.com/fbo/sdl	www.signatureflight.com/location?iata=sdl

GLENDALE MUNICIPAL AIRPORT (GEU)

1601091300 UTC UNTIL 1601100200 UTC
 1601101300 UTC UNTIL 1601110200 UTC
 1601111300 UTC UNTIL 1601120900 UTC
 1601121300 UTC UNTIL 1601122359 UTC

For arrival and departure reservations at GEU contact:

GLENDALE AERO SERVICES
623.877.3333
www.gas-az.com

PHOENIX GOODYEAR AIRPORT (GYR)

1601091300 UTC UNTIL 1601100400 UTC
 1601101300 UTC UNTIL 1601110400 UTC
 1601111300 UTC UNTIL 1601120900 UTC
 1601121300 UTC UNTIL 1601122359 UTC

For arrival and departure reservations at GYR contact:

LUX AIR JET CENTER
623.932.1200
www.luxairjetcenters.com

PHOENIX DEER VALLEY AIRPORT (DVT)

1601091300 UTC UNTIL 1601100400 UTC
 1601101300 UTC UNTIL 1601110400 UTC
 1601111300 UTC UNTIL 1601120900 UTC
 1601121300 UTC UNTIL 1601122359 UTC

For arrival and departure reservations at DVT contact you preferred FBO:

ATLANTIC AVIATION	CUTTER AVIATION
623.869.0866	800.792.0952
www.atlanticaviation.com/location/dvt	www.cutteraviation.com/airport-facility-locations/dvt-phoenix-deer-valley-az/

For further information, contact:

FAA Albuquerque ARTCC
 Traffic Management Unit
 8000 Louisiana Blvd. NE
 Albuquerque, NM, 87109
 505-856-4540

Super Bowl 50
SPECIAL TRAFFIC MANAGEMENT PROCEDURES
ARRIVAL AND DEPARTURE ROUTES

APC

Napa County Airport

In anticipation of a large number of aircraft operating to and from the San Francisco Bay Area, Napa Valley, and Monterey Peninsula metropolitan airports the week of Super Bowl 50, the following procedures will be used to enhance safety and minimize air traffic delays.

SECURITY PROVISIONS

Special security provisions will be in effect for this event including (but not limited to) Temporary Flight Restrictions (TFRs), two-way communication and discrete transponder requirements. Specific procedures contained in this NOTAM may be revised and access to some airports may be restricted. Pilots are encouraged to check NOTAMs frequently to verify they have the most current information.

TFR information is normally disseminated via FDC NOTAM 3 to 5 days prior to the event. Once published, text and graphic depictions of restrictions may be found on the following web site:

<http://tfr.faa.gov/tfr2/list.html>

Pilots should be prepared to provide documentation including personal identification, certificate number, aircraft ownership information, and a contact number.

THIS NOTAM DOES NOT SUPERSEDE RESTRICTIONS PERTAINING TO THE USE OF AIRSPACE CONTAINED IN FDC NOTAMS.

TRAFFIC MANAGEMENT

Traffic management initiatives will be utilized when arrival rates exceed airport capacity. Pilots should be prepared for potential airborne holding, reroutes, or Expect Departure Clearance Times (EDCT’s) that may be issued for all domestic IFR arrivals to the following airports:

AIRPORT	LOCATION	IDENTIFIER
San Francisco International	San Francisco, CA	SFO
Oakland International	Oakland, CA	OAK
Hayward Executive	Hayward, CA	HWD
Norman Y. Mineta San Jose International	San Jose, CA	SJC
Livermore Municipal	Livermore, CA	LVK
Buchanan Field	Concord, CA	CCR
Napa County	Napa, CA	APC
Charles M. Schultz – Sonoma County	Santa Rosa, CA	STS
Monterey Regional	Monterey, CA	MRY
Watsonville Municipal	Watsonville, CA	WVI
Salinas Municipal	Salinas, CA	SNS

Heavy demand and traffic management initiatives may be expected during the following dates/times:

DAILY	Thursday, February 4, 2016, 0600 PST (1400 UTC) through Monday, February 8, 2016, 2000 PST (0400 UTC, February 9)
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AIRFILES AND CHANGE OF DESTINATION

Traffic management initiatives for this event are designed to provide equitable airspace access. To maintain program integrity and minimize delays, no airborne IFR filing or airborne changes of destination will be allowed within 200nm of Northern California TRACON Terminal airspace, except in emergency situations. Duplicate flight plans (same time/call sign) to multiple airport destinations are subject to removal from the system.

Super Bowl 50 - Special Traffic Management Procedures

APC - Arrival and Departure Routes

PREFERRED ROUTES

IFR aircraft arriving and departing the San Francisco Bay Area, Napa Valley, and Monterey Peninsula metropolitan airports area should file and expect to be routed via the following routes.

ARRIVAL ROUTES for TURBOJET AIRCRAFT

**Effective Thursday, February 4, 2016, 0600 PST (1400 UTC) through
Monday, February 8, 2016, 2000 PST (0400 UTC, February 9)**

Arriving APC	
VIA	ROUTE
Eastern ZSE	TOBAE direct
Western ZSE	STIKM direct
Northern ZLC	LLC RANGO direct
Southern ZLC	TIOGA MOD OAK SAU direct
ZLA	AVE PXN OAK SAU direct

DEPARTURE ROUTES for TURBOJET AIRCRAFT

Effective Sunday, February 7, 2016, 1700 PST (0100 UTC, February 8) through Monday, February 8, 2016, 2000 PST (0400 UTC, February 9)

Due to the expected heavy volume of departures, users must file the following routes. ATC will issue re-routes to aircraft not on these routes. In order to avoid departure delays, ATC may issue alternative departure routings.

NAPA COUNTY AIRPORT DEPARTURES

Departing APC to the Rest of US, Alaska, Canada, and Mexico	
DESTINATION	ROUTE
ZMP, ZAU, ZOB, ZBW, ZNY, CZY	MER1 SGD ILA FIMUV Q138 PARZZ
EWR	MER1 SGD ILA FIMUV Q138 PARZZ KP81G
JFK	MER1 SGD ILA FIMUV Q138 PARZZ FOD
ZDV, ZKC, ZID, ZDC, ZME, ZTL	MER1 SGD ILA FIMUV Q138 PARZZ
ZFW, ZHU, ZJX, ZMA, ZAB	MER1 SGD ALCAT OAK NLC SWOOP PRFUM
ALASKA	MER1 SGD MACHU
EASTERN CANADA	MER1 SGD ILA FIMUV Q138 PARZZ
CENTRAL CANADA	
CYQR, CYXE	MER1 SGD ILA REO
WESTERN CANADA	
CYVR, CYYJ	MER1 SGD RBL PAE
CYEG, CYYC	MER1 SGD ILA JUNEJ GEG
MEXICO	MER1 SGD PYE FARRA TPCAT LIBBO YYUNG LAX

Departing APC to ARIZONA	
DESTINATION	ROUTE
NYL	MER1 SGD ALCAT OAK AVE PDZ
All Others	MER1 SGD ALCAT OAK NLC SWOOP PRFUM

Super Bowl 50 - Special Traffic Management Procedures

APC - Arrival and Departure Routes

Departing APC to CALIFORNIA	
DESTINATION	ROUTE
ACV	MER1 SGD ILA YAGER
APV	MER1 SGD ALCAT OAK AVE PMD
BFL	MER1 SGD ALCAT OAK AVE EHF
BNG	MER1 SGD ALCAT OAK AVE PMD
BUR	MER1 SGD ALCAT OAK AVE
CEC	MER1 SGD ILA
CMA	MER1 SGD ALCAT OAK AVE FIM
CNO	MER1 SGD ALCAT OAK AVE PMD
CRQ	MER1 SGD PYE FARRA TPCAT LIBBO YYUNG LAX
EED	MER1 SGD ALCAT OAK AVE PMD
F70	MER1 SGD ALCAT OAK AVE PMD
FOT	MER1 SGD ILA
HHR	MER1 SGD ALCAT OAK AVE
IPL	MER1 SGD ALCAT OAK AVE PDZ
L35	MER1 SGD ALCAT OAK AVE PMD
LAX	MER1 SGD ALCAT OAK AVE
LGB	MER1 SGD PYE FARRA TPCAT LIBBO YYUNG DAISY SXC
MYF	MER1 SGD PYE FARRA TPCAT LIBBO YYUNG LAX
ONT	MER1 SGD ALCAT OAK AVE PMD
OXR	MER1 SGD ALCAT OAK AVE FIM
POC	MER1 SGD ALCAT OAK AVE PMD
PRB	MER1 SGD ALCAT OAK
PSP	MER1 SGD ALCAT OAK AVE PMD
PTV	MER1 SGD ALCAT OAK WINDY MENDO
RAL	MER1 SGD ALCAT OAK AVE PMD
RIV	MER1 SGD ALCAT OAK AVE PMD
RNM	MER1 SGD PYE FARRA TPCAT LIBBO YYUNG LAX
SAN	MER1 SGD PYE FARRA TPCAT LIBBO YYUNG LAX
SBA	MER1 SGD ALCAT OAK AVE GVO HABUT
SBD	MER1 SGD ALCAT OAK AVE PMD
SBP	MER1 SGD ALCAT OAK AVE MQO
SDM	MER1 SGD PYE FARRA TPCAT LIBBO YYUNG LAX

Super Bowl 50 - Special Traffic Management Procedures

APC - Arrival and Departure Routes

SEE	MER1 SGD PYE FARRA TPCAT LIBBO YYUNG LAX
SMO	MER1 SGD ALCAT OAK AVE
SMX	MER1 SGD ALCAT OAK AVE MQO
SNA	MER1 SGD PYE FARRA TPCAT LIBBO YYUNG DAISY SXC
TNP	MER1 SGD ALCAT OAK AVE PMD
TOA	MER1 SGD PYE FARRA TPCAT LIBBO YYUNG DAISY SXC
TRK	MER1 SGD ILA SWR
TRM	MER1 SGD ALCAT OAK AVE PMD
TVL	MER1 SGD ILA SWR
UDD	MER1 SGD ALCAT OAK AVE PMD
VCV	MER1 SGD ALCAT OAK AVE PMD
VNY	MER1 SGD ALCAT OAK AVE
WJF	MER1 SGD ALCAT OAK AVE

Departing APC to IDAHO	
DESTINATION	ROUTE
BOI	MER1 SGD ILA PRNCS
COE	MER1 SGD ILA REO
EUL	MER1 SGD ILA REO
GIC	MER1 SGD ILA REO
LWS	MER1 SGD ILA REO
MAN	MER1 SGD ILA REO
MYL	MER1 SGD ILA REO
SMN	MER1 SGD ILA REO
SZT	MER1 SGD ILA REO
All Others	MER1 SGD ILA FIMUV Q138 PARZZ

Departing APC to MONTANA	
DESTINATION	ROUTE
All Airports	MER1 SGD ILA REO

Super Bowl 50 - Special Traffic Management Procedures

APC - Arrival and Departure Routes

Departing APC to NEVADA	
DESTINATION	ROUTE
06U	MER1 SGD ILA FIMUV Q138 PARZZ
BVU	MER1 SGD ALCAT OAK AVE PMD DAG
CXP	MER1 SGD ILA SWR
EKO	MER1 SGD ILA FIMUV Q138 PUHGI
ELY	MER1 SGD ILA FIMUV Q138 PUHGI
HND	MER1 SGD ALCAT OAK AVE PMD DAG
LAS	MER1 SGD ALCAT OAK WINDY CZQ BTY
LWL	MER1 SGD ILA FIMUV Q138 ROOHZ
MEV	MER1 SGD ILA SWR
RNO	MER1 SGD ILA SWR
RTS	MER1 SGD ILA SWR
VGT	MER1 SGD ALCAT OAK WINDY CZQ BTY
WMC	MER1 SGD ILA FIMUV Q138 JENSA

Departing APC to OREGON	
DESTINATION	ROUTE
26U	MER1 SGD ILA JUNEJ
3S4	MER1 SGD DALON
62S	MER1 SGD ILA JUNEJ
AST	MER1 SGD MACHU
BDN	MER1 SGD DALON
BKE	MER1 SGD ILA JUNEJ
BNO	MER1 SGD ILA JUNEJ
CVO	MER1 SGD MACHU
DLS	MER1 SGD DALON
EUG	MER1 SGD MACHU
GCD	MER1 SGD ILA JUNEJ
HIO	MER1 SGD MACHU MOXEE
JSY	MER1 SGD ILA JUNEJ
LGD	MER1 SGD ILA JUNEJ
LKV	MER1 SGD ILA JUNEJ
LMT	MER1 SGD DALON

Super Bowl 50 - Special Traffic Management Procedures

APC - Arrival and Departure Routes

MFR	MER1 SGD MACHU
MMV	MER1 SGD MACHU MOXEE
ONO	MER1 SGD ILA JUNEJ
ONP	MER1 SGD MACHU
OTH	MER1 SGD MACHU
PDT	MER1 SGD ILA JUNEJ
PDX	MER1 SGD MACHU MOXEE
RBG	MER1 SGD MACHU
RDM	MER1 SGD DALON
S21	MER1 SGD DALON
S33	MER1 SGD DALON
S39	MER1 SGD ILA JUNEJ
SLE	MER1 SGD MACHU
SPB	MER1 SGD MACHU MOXEE
TMK	MER1 SGD MACHU MOXEE
TTD	MER1 SGD MACHU MOXEE
UAO	MER1 SGD MACHU MOXEE

Departing APC to UTAH	
DESTINATION	ROUTE
36U	MER1 SGD ILA FIMUV Q138 PUHGI KNOLE
74V	MER1 SGD ILA FIMUV Q138 PARZZ
BMC	MER1 SGD ILA FIMUV Q138 PUHGI BVL DEZRT
BTF	MER1 SGD ILA FIMUV Q138 PUHGI BVL
CDC	MER1 SGD ILA FIMUV Q138 PUHGI WINEN
CNY	MER1 SGD ILA FIMUV Q138 PUHGI
ENV	MER1 SGD ILA FIMUV Q138 PUHGI
FOM	MER1 SGD ILA FIMUV Q138 PUHGI
KNB	MER1 SGD ILA FIMUV Q138 PUHGI WINEN
LGU	MER1 SGD ILA FIMUV Q138 PUHGI BVL DEZRT
OGD	MER1 SGD ILA FIMUV Q138 PUHGI BVL DEZRT
PVU	MER1 SGD ILA FIMUV Q138 PUHGI KNOLE
SGU	MER1 SGD ILA FIMUV Q138 PUHGI WINEN
SLC	MER1 SGD ILA FIMUV Q138 PUHGI BVL

Super Bowl 50 - Special Traffic Management Procedures

APC - Arrival and Departure Routes

TVY	MER1 SGD ILA FIMUV Q138 PUHGI KNOLE
U42	MER1 SGD ILA FIMUV Q138 PUHGI BVL DEZRT
U55	MER1 SGD ILA FIMUV Q138 PUHGI
U77	MER1 SGD ILA FIMUV Q138 PUHGI KNOLE
VEL	MER1 SGD ILA FIMUV Q138 PARZZ

Departing APC to WASHINGTON	
DESTINATION	ROUTE
ALW	MER1 SGD ILA JUNEJ
AWO	MER1 SGD RBL BTG
BFI	MER1 SGD RBL BTG
BLI	MER1 SGD RBL PAE
BVS	MER1 SGD RBL PAE
CLM	MER1 SGD MACHU
CLS	MER1 SGD RBL BTG
DEW	MER1 SGD ILA JUNEJ
EAT	MER1 SGD DALON
ELN	MER1 SGD DALON
EPH	MER1 SGD DALON
GEG	MER1 SGD ILA JUNEJ
HQM	MER1 SGD MACHU
MWH	MER1 SGD DALON
OLM	MER1 SGD RBL BTG
PAE	MER1 SGD DALON
PSC	MER1 SGD ILA JUNEJ
PUW	MER1 SGD ILA JUNEJ LKV
PWT	MER1 SGD RBL BTG
RNT	MER1 SGD RBL BTG
S52	MER1 SGD DALON
SEA	MER1 SGD RBL BTG
SFF	MER1 SGD ILA JUNEJ
SHN	MER1 SGD RBL BTG
TIW	MER1 SGD RBL BTG
YKM	MER1 SGD DALON

Super Bowl 50 - Special Traffic Management Procedures

APC - Arrival and Departure Routes

Departing APC to WYOMING	
DESTINATION	ROUTE
All Airports	MER1 SGD ILA FIMUV Q138 PARZZ

AIRPORT INFORMATION

Airport diagrams are available on the Internet at:

http://www.faa.gov/air_traffic/flight_info/aeronav/

Practice approaches and touch-and-go/pilot training operations at San Francisco Bay Area, Napa Valley, and Monterey Peninsula metropolitan airports may be limited or suspended from February 3, 2016 through February 8, 2016 due to the high volume of traffic associated with Super Bowl 50.

FLIGHT PLANS AND WEATHER INFORMATION

To ensure proper processing, flight plans should be filed at least 8 hours prior to departure.

Lockheed Martin Automated Flight Service Station	
Telephone Flight Planning	1-800-WX-BRIEF

For further information, contact:

FAA Oakland ARTCC
Traffic Management Unit
5125 Central Avenue
Fremont, CA, 94536
510-745-3332

Super Bowl 50
SPECIAL TRAFFIC MANAGEMENT PROCEDURES
ARRIVAL AND DEPARTURE ROUTES

CCR

Buchanan Field – Concord, CA

In anticipation of a large number of aircraft operating to and from the San Francisco Bay Area, Napa Valley, and Monterey Peninsula metropolitan airports the week of Super Bowl 50, the following procedures will be used to enhance safety and minimize air traffic delays.

SECURITY PROVISIONS

Special security provisions will be in effect for this event including (but not limited to) Temporary Flight Restrictions (TFRs), two-way communication and discrete transponder requirements. Specific procedures contained in this NOTAM may be revised and access to some airports may be restricted. Pilots are encouraged to check NOTAMs frequently to verify they have the most current information.

TFR information is normally disseminated via FDC NOTAM 3 to 5 days prior to the event. Once published, text and graphic depictions of restrictions may be found on the following web site:

<http://tfr.faa.gov/tfr2/list.html>

Pilots should be prepared to provide documentation including personal identification, certificate number, aircraft ownership information, and a contact number.

THIS NOTAM DOES NOT SUPERSEDE RESTRICTIONS PERTAINING TO THE USE OF AIRSPACE CONTAINED IN FDC NOTAMS.

TRAFFIC MANAGEMENT

Traffic management initiatives will be utilized when arrival rates exceed airport capacity. Pilots should be prepared for potential airborne holding, reroutes, or Expect Departure Clearance Times (EDCT’s) that may be issued for all domestic IFR arrivals to the following airports:

AIRPORT	LOCATION	IDENTIFIER
San Francisco International	San Francisco, CA	SFO
Oakland International	Oakland, CA	OAK
Hayward Executive	Hayward, CA	HWD
Norman Y. Mineta San Jose International	San Jose, CA	SJC
Livermore Municipal	Livermore, CA	LVK
Buchanan Field	Concord, CA	CCR
Napa County	Napa, CA	APC
Charles M. Schultz – Sonoma County	Santa Rosa, CA	STS
Monterey Regional	Monterey, CA	MRY
Watsonville Municipal	Watsonville, CA	WVI
Salinas Municipal	Salinas, CA	SNS

Heavy demand and traffic management initiatives may be expected during the following dates/times:

DAILY	Thursday, February 4, 2016, 0600 PST (1400 UTC) through Monday, February 8, 2016, 2000 PST (0400 UTC, February 9)
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AIRFILES AND CHANGE OF DESTINATION

Traffic management initiatives for this event are designed to provide equitable airspace access. To maintain program integrity and minimize delays, no airborne IFR filing or airborne changes of destination will be allowed within 200nm of Northern California TRACON Terminal airspace, except in emergency situations. Duplicate flight plans (same time/call sign) to multiple airport destinations are subject to removal from the system.

Super Bowl 50 - Special Traffic Management Procedures

CCR - Arrival and Departure Routes

PREFERRED ROUTES

IFR aircraft arriving and departing the San Francisco Bay Area, Napa Valley, and Monterey Peninsula metropolitan airports area should file and expect to be routed via the following routes.

ARRIVAL ROUTES for TURBOJET AIRCRAFT

**Effective Thursday, February 4, 2016, 0600 PST (1400 UTC) through
Monday, February 8, 2016, 2000 PST (0400 UTC, February 9)**

Arriving CCR	
VIA	ROUTE
ZSE	ILA CCR direct
ZLC	SAC V6 REJOY CCR direct
ZLA	ECA CCR direct

DEPARTURE ROUTES for TURBOJET AIRCRAFT

Effective Sunday, February 7, 2016, 1700 PST (0100 UTC, February 8) through Monday, February 8, 2016, 2000 PST (0400 UTC, February 9)

Due to the expected heavy volume of departures, users must file the following routes. ATC will issue re-routes to aircraft not on these routes. In order to avoid departure delays, ATC may issue alternative departure routings.

CONCORD BUCHANAN FIELD AIRPORT DEPARTURES

Departing CCR to the Rest of US, Alaska, Canada, and Mexico	
DESTINATION	ROUTE
ZMP, ZAU, ZOB, ZBW, ZNY, CZY	BCHN9 CCR ILA FIMUV Q138 PARZZ
EWR	BCHN9 CCR ILA FIMUV Q138 PARZZ KP81G
JFK	BCHN9 CCR ILA FIMUV Q138 PARZZ FOD
ZDV, ZKC, ZID, ZDC, ZME, ZTL	BCHN9 CCR ILA FIMUV Q138 PARZZ
ZFW, ZHU, ZJX, ZMA, ZAB	BCHN9 PITTS ALTAM STEEV MENDO NLC SWOOP PRFUM
ALASKA	BCHN9 CCR ILA RBL OED
EASTERN CANADA	BCHN9 CCR ILA FIMUV Q138 PARZZ
CENTRAL CANADA	
CYQR, CYXE	BCHN9 CCR ILA REO
WESTERN CANADA	
CYVR, CYYJ	BCHN9 CCR ILA RBL PAE
CYEG, CYYC	BCHN9 CCR ILA JUNEJ GEG
MEXICO	BCHN9 PITTS ALTAM STEEV MENDO AVE LAX

Departing CCR to ARIZONA	
DESTINATION	ROUTE
NYL	BCHN9 PITTS ALTAM STEEV MENDO AVE PDZ
All Others	BCHN9 PITTS ALTAM STEEV MENDO NLC SWOOP PRFUM

Super Bowl 50 - Special Traffic Management Procedures

CCR - Arrival and Departure Routes

Departing CCR to CALIFORNIA	
DESTINATION	ROUTE
ACV	BCHN9 CCR ILA YAGER
APV	BCHN9 PITTS ALTAM STEEV MENDO AVE PMD
BFL	BCHN9 PITTS ALTAM STEEV MENDO EHF
BNG	BCHN9 PITTS ALTAM STEEV MENDO AVE PMD
BUR	BCHN9 PITTS ALTAM STEEV MENDO AVE FIM
CEC	BCHN9 CCR ILA
CMA	BCHN9 PITTS ALTAM STEEV MENDO AVE FIM
CNO	BCHN9 PITTS ALTAM STEEV MENDO AVE PMD
CRQ	BCHN9 PITTS ALTAM STEEV MENDO AVE LAX
EED	BCHN9 PITTS ALTAM STEEV MENDO AVE PMD
F70	BCHN9 PITTS ALTAM STEEV MENDO AVE PMD
FOT	BCHN9 CCR ILA
HHR	BCHN9 PITTS ALTAM STEEV MENDO AVE FIM
IPL	BCHN9 PITTS ALTAM STEEV MENDO AVE PDZ
L35	BCHN9 PITTS ALTAM STEEV MENDO AVE PMD
LAX	BCHN9 PITTS ALTAM STEEV MENDO AVE
LGB	BCHN9 PITTS ALTAM STEEV MENDO AVE FIM
MYF	BCHN9 PITTS ALTAM STEEV MENDO AVE LAX
ONT	BCHN9 PITTS ALTAM STEEV MENDO AVE PMD
OXR	BCHN9 PITTS ALTAM STEEV MENDO AVE FIM
POC	BCHN9 PITTS ALTAM STEEV MENDO AVE PMD
PRB	BCHN9 PITTS ALTAM
PSP	BCHN9 PITTS ALTAM STEEV MENDO AVE PMD
PTV	BCHN9 PITTS ALTAM STEEV MENDO
RAL	BCHN9 PITTS ALTAM STEEV MENDO AVE PMD
RIV	BCHN9 PITTS ALTAM STEEV MENDO AVE PMD
RNM	BCHN9 PITTS ALTAM STEEV MENDO AVE LAX
SAN	BCHN9 PITTS ALTAM STEEV MENDO AVE LAX
SBA	BCHN9 PITTS ALTAM STEEV MENDO AVE GVO HABUT
SBD	BCHN9 PITTS ALTAM STEEV MENDO AVE PMD
SBP	BCHN9 PITTS ALTAM STEEV MENDO AVE MQO
SDM	BCHN9 PITTS ALTAM STEEV MENDO AVE LAX

Super Bowl 50 - Special Traffic Management Procedures

CCR - Arrival and Departure Routes

SEE	BCHN9 PITTS ALTAM STEEV MENDO AVE LAX
SMO	BCHN9 PITTS ALTAM STEEV MENDO AVE FIM
SMX	BCHN9 PITTS ALTAM STEEV MENDO AVE MQO
SNA	BCHN9 PITTS ALTAM STEEV MENDO AVE FIM
TNP	BCHN9 PITTS ALTAM STEEV MENDO AVE PMD
TOA	BCHN9 PITTS ALTAM STEEV MENDO AVE FIM
TRK	BCHN9 PITTS SAC HNW SWR
TRM	BCHN9 PITTS ALTAM STEEV MENDO AVE PMD
TVL	BCHN9 PITTS SAC HNW SWR
UDD	BCHN9 PITTS ALTAM STEEV MENDO AVE PMD
VCV	BCHN9 PITTS ALTAM STEEV MENDO AVE PMD
VNY	BCHN9 PITTS ALTAM STEEV MENDO AVE FIM
WJF	BCHN9 PITTS ALTAM STEEV MENDO AVE

Departing CCR to IDAHO	
DESTINATION	ROUTE
BOI	BCHN9 CCR ILA PRNCS
COE	BCHN9 CCR ILA REO
EUL	BCHN9 CCR ILA REO
GIC	BCHN9 CCR ILA REO
LWS	BCHN9 CCR ILA REO
MAN	BCHN9 CCR ILA REO
MYL	BCHN9 CCR ILA REO
SMN	BCHN9 CCR ILA REO
SZT	BCHN9 CCR ILA REO
All Others	BCHN9 CCR ILA FIMUV Q138 PARZZ

Departing CCR to MONTANA	
DESTINATION	ROUTE
All Airports	BCHN9 CCR ILA REO

Super Bowl 50 - Special Traffic Management Procedures

CCR - Arrival and Departure Routes

Departing CCR to NEVADA	
DESTINATION	ROUTE
06U	BCHN9 CCR ILA FIMUV Q138 PARZZ
BVU	BCHN9 PITTS ALTAM STEEV MENDO AVE PMD DAG
CXP	BCHN9 PITTS SAC HNW SWR
EKO	BCHN9 CCR ILA FIMUV Q138 PUHGI
ELY	BCHN9 CCR ILA FIMUV Q138 PUHGI
HND	BCHN9 PITTS ALTAM STEEV MENDO AVE PMD DAG
LAS	BCHN9 PITTS ALTAM STEEV CZQ BTY
LWL	BCHN9 CCR ILA FIMUV Q138 ROOHZ
MEV	BCHN9 PITTS SAC HNW SWR
RNO	BCHN9 PITTS SAC
RTS	BCHN9 PITTS SAC HNW SWR
VGT	BCHN9 PITTS ALTAM STEEV CZQ BTY
WMC	BCHN9 CCR ILA FIMUV Q138 JENSA

Departing CCR to OREGON	
DESTINATION	ROUTE
26U	BCHN9 CCR ILA JUNEJ
3S4	BCHN9 CCR ILA RBL
62S	BCHN9 CCR ILA JUNEJ
AST	BCHN9 CCR ILA MACHU
BDN	BCHN9 CCR ILA
BKE	BCHN9 CCR ILA JUNEJ
BNO	BCHN9 CCR ILA JUNEJ
CVO	BCHN9 CCR ILA MACHU
DLS	BCHN9 CCR ILA
EUG	BCHN9 CCR ILA MACHU
GCD	BCHN9 CCR ILA JUNEJ
HIO	BCHN9 CCR ILA MACHU MOXEE
JSY	BCHN9 CCR ILA JUNEJ
LGD	BCHN9 CCR ILA JUNEJ
LKV	BCHN9 CCR ILA JUNEJ
LMT	BCHN9 CCR ILA

Super Bowl 50 - Special Traffic Management Procedures

CCR - Arrival and Departure Routes

MFR	BCHN9 CCR ILA MACHU
MMV	BCHN9 CCR ILA MACHU MOXEE
ONO	BCHN9 CCR ILA JUNEJ
ONP	BCHN9 CCR ILA MACHU
OTH	BCHN9 CCR ILA MACHU
PDT	BCHN9 CCR ILA JUNEJ
PDX	BCHN9 CCR ILA MACHU MOXEE
RBG	BCHN9 CCR ILA MACHU
RDM	BCHN9 CCR ILA
S21	BCHN9 CCR ILA
S33	BCHN9 CCR ILA
S39	BCHN9 CCR ILA JUNEJ
SLE	BCHN9 CCR ILA MACHU
SPB	BCHN9 CCR ILA MACHU MOXEE
TMK	BCHN9 CCR ILA MACHU MOXEE
TTD	BCHN9 CCR ILA MACHU MOXEE
UAO	BCHN9 CCR ILA MACHU MOXEE

Departing CCR to UTAH	
DESTINATION	ROUTE
36U	BCHN9 CCR ILA FIMUV Q138 PUHGI KNOLE
74V	BCHN9 CCR ILA FIMUV Q138 PARZZ
BMC	BCHN9 CCR ILA FIMUV Q138 PUHGI BVL DEZRT
BTF	BCHN9 CCR ILA FIMUV Q138 PUHGI BVL
CDC	BCHN9 CCR ILA FIMUV Q138 PUHGI WINEN
CNY	BCHN9 CCR ILA FIMUV Q138 PUHGI
ENV	BCHN9 CCR ILA FIMUV Q138 PUHGI
FOM	BCHN9 CCR ILA FIMUV Q138 PUHGI
KNB	BCHN9 CCR ILA FIMUV Q138 PUHGI WINEN
LGU	BCHN9 CCR ILA FIMUV Q138 PUHGI BVL DEZRT
OGD	BCHN9 CCR ILA FIMUV Q138 PUHGI BVL DEZRT
PVU	BCHN9 CCR ILA FIMUV Q138 PUHGI KNOLE
SGU	BCHN9 CCR ILA FIMUV Q138 PUHGI WINEN
SLC	BCHN9 CCR ILA FIMUV Q138 PUHGI BVL

Super Bowl 50 - Special Traffic Management Procedures

CCR - Arrival and Departure Routes

TVY	BCHN9 CCR ILA FIMUV Q138 PUHGI KNOLE
U42	BCHN9 CCR ILA FIMUV Q138 PUHGI BVL DEZRT
U55	BCHN9 CCR ILA FIMUV Q138 PUHGI
U77	BCHN9 CCR ILA FIMUV Q138 PUHGI KNOLE
VEL	BCHN9 CCR ILA FIMUV Q138 PARZZ

Departing CCR to WASHINGTON	
DESTINATION	ROUTE
ALW	BCHN9 CCR ILA JUNEJ
AWO	BCHN9 CCR ILA BTG
BFI	BCHN9 CCR ILA BTG
BLI	BCHN9 CCR ILA PAE
BVS	BCHN9 CCR ILA PAE
CLM	BCHN9 CCR ILA MACHU
CLS	BCHN9 CCR ILA BTG
DEW	BCHN9 CCR ILA JUNEJ
EAT	BCHN9 CCR ILA
ELN	BCHN9 CCR ILA
EPH	BCHN9 CCR ILA
GEG	BCHN9 CCR ILA JUNEJ
HQM	BCHN9 CCR ILA RBL OED
MWH	BCHN9 CCR ILA
OLM	BCHN9 CCR ILA BTG
PAE	BCHN9 CCR ILA
PSC	BCHN9 CCR ILA JUNEJ
PUW	BCHN9 CCR ILA JUNEJ LKV
PWT	BCHN9 CCR ILA BTG
RNT	BCHN9 CCR ILA BTG
S52	BCHN9 CCR ILA
SEA	BCHN9 CCR ILA BTG
SFF	BCHN9 CCR ILA JUNEJ
SHN	BCHN9 CCR ILA BTG
TIW	BCHN9 CCR ILA BTG
YKM	BCHN9 CCR ILA

Super Bowl 50 - Special Traffic Management Procedures

CCR - Arrival and Departure Routes

Departing CCR to WYOMING	
DESTINATION	ROUTE
All Airports	BCHN9 CCR ILA FIMUV Q138 PARZZ

AIRPORT INFORMATION

Airport diagrams are available on the Internet at:

http://www.faa.gov/air_traffic/flight_info/aeronav/

Practice approaches and touch-and-go/pilot training operations at San Francisco Bay Area, Napa Valley, and Monterey Peninsula metropolitan airports may be limited or suspended from February 3, 2016 through February 8, 2016 due to the high volume of traffic associated with Super Bowl 50.

FLIGHT PLANS AND WEATHER INFORMATION

To ensure proper processing, flight plans should be filed at least 8 hours prior to departure.

Lockheed Martin Automated Flight Service Station	
Telephone Flight Planning	1-800-WX-BRIEF

For further information, contact:

FAA Oakland ARTCC
Traffic Management Unit
5125 Central Avenue
Fremont, CA, 94536
510-745-3332

Super Bowl 50
SPECIAL TRAFFIC MANAGEMENT PROCEDURES
ARRIVAL AND DEPARTURE ROUTES

HWD

Hayward Executive Airport

In anticipation of a large number of aircraft operating to and from the San Francisco Bay Area, Napa Valley, and Monterey Peninsula metropolitan airports the week of Super Bowl 50, the following procedures will be used to enhance safety and minimize air traffic delays.

SECURITY PROVISIONS

Special security provisions will be in effect for this event including (but not limited to) Temporary Flight Restrictions (TFRs), two-way communication and discrete transponder requirements. Specific procedures contained in this NOTAM may be revised and access to some airports may be restricted. Pilots are encouraged to check NOTAMs frequently to verify they have the most current information.

TFR information is normally disseminated via FDC NOTAM 3 to 5 days prior to the event. Once published, text and graphic depictions of restrictions may be found on the following web site:

<http://tfr.faa.gov/tfr2/list.html>

Pilots should be prepared to provide documentation including personal identification, certificate number, aircraft ownership information, and a contact number.

THIS NOTAM DOES NOT SUPERSEDE RESTRICTIONS PERTAINING TO THE USE OF AIRSPACE CONTAINED IN FDC NOTAMS.

TRAFFIC MANAGEMENT

Traffic management initiatives will be utilized when arrival rates exceed airport capacity. Pilots should be prepared for potential airborne holding, reroutes, or Expect Departure Clearance Times (EDCT’s) that may be issued for all domestic IFR arrivals to the following airports:

AIRPORT	LOCATION	IDENTIFIER
San Francisco International	San Francisco, CA	SFO
Oakland International	Oakland, CA	OAK
Hayward Executive	Hayward, CA	HWD
Norman Y. Mineta San Jose International	San Jose, CA	SJC
Livermore Municipal	Livermore, CA	LVK
Buchanan Field	Concord, CA	CCR
Napa County	Napa, CA	APC
Charles M. Schultz – Sonoma County	Santa Rosa, CA	STS
Monterey Regional	Monterey, CA	MRY
Watsonville Municipal	Watsonville, CA	WVI
Salinas Municipal	Salinas, CA	SNS

Heavy demand and traffic management initiatives may be expected during the following dates/times:

DAILY	Thursday, February 4, 2016, 0600 PST (1400 UTC) through Monday, February 8, 2016, 2000 PST (0400 UTC, February 9)
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AIRFILES AND CHANGE OF DESTINATION

Traffic management initiatives for this event are designed to provide equitable airspace access. To maintain program integrity and minimize delays, no airborne IFR filing or airborne changes of destination will be allowed within 200nm of Northern California TRACON Terminal airspace, except in emergency situations. Duplicate flight plans (same time/call sign) to multiple airport destinations are subject to removal from the system.

PREFERRED ROUTES

IFR aircraft arriving and departing the San Francisco Bay Area, Napa Valley, and Monterey Peninsula metropolitan airports area should file and expect to be routed via the following routes.

ARRIVAL ROUTES for TURBOJET AIRCRAFT

**Effective Sunday, February 7, 2016, 1500 PST (2300 UTC) through
Monday, February 8, 2016, 2000 PST (0400 UTC, February 9)**

Arriving HWD	
VIA	ROUTE
ZSE	HOMEG SPAMY ZINNN REBAS OAK direct
Northern ZLC	MVA MADN5
Southern ZLC	OAL MADN5
Eastern ZLA	OAL MADN5
Western ZLA	RGOOD PXN PXN3

DEPARTURE ROUTES for TURBOJET AIRCRAFT

**Effective Sunday, February 7, 2016, 1700 PST (0100 UTC, February 8) through
Monday, February 8, 2016, 2000 PST (0400 UTC, February 9)**

Due to the expected heavy volume of departures, users must file the following routes. ATC will issue re-routes to aircraft not on these routes. In order to avoid departure delays, ATC may issue alternative departure routings.

HAYWARD EXECUTIVE AIRPORT DEPARTURES

Departing HWD to the Rest of US, Alaska, Canada, and Mexico	
DESTINATION	ROUTE
ZMP, ZAU, ZOB, ZBW, ZNY, CZY	OAK GALTS HZN TCH
EWR	OAK GALTS HZN TCH KP81G
JFK	OAK GALTS HZN TCH FOD
ZDV, ZKC, ZID, ZDC, ZME, ZTL	OAK GALTS FFU CHE
ZFW, ZHU, ZJX, ZMA, ZAB	OAK ALTAM STEEV MENDO NLC SWOOP PRFUM
ALASKA	OAK GRTFL MACHU
EASTERN CANADA	OAK GALTS HZN TCH
CENTRAL CANADA	
CYQR, CYXE	OAK DEDHD REO
WESTERN CANADA	
CYVR, CYYJ	OAK DEDHD PAE
CYEG, CYYC	OAK DEDHD JUNEJ GEG
MEXICO	OAK ALTAM STEEV MENDO AVE LAX

Departing HWD to ARIZONA	
DESTINATION	ROUTE
NYL	OAK ALTAM STEEV MENDO AVE PDZ
All Others	OAK ALTAM STEEV MENDO NLC SWOOP PRFUM

Super Bowl 50 - Special Traffic Management Procedures

HWD - Arrival and Departure Routes

Departing HWD to CALIFORNIA	
DESTINATION	ROUTE
ACV	OAK GRTFL DALON YAGER
APV	OAK ALTAM STEEV MENDO AVE PMD
BFL	OAK ALTAM STEEV MENDO EHF
BNG	OAK ALTAM STEEV MENDO AVE PMD
BUR	OAK ALTAM STEEV MENDO AVE
CEC	OAK GRTFL DALON
CMA	OAK ALTAM STEEV MENDO AVE GVO
CNO	OAK ALTAM STEEV MENDO AVE PMD
CRQ	OAK ALTAM STEEV MENDO AVE LAX
EED	OAK ALTAM STEEV MENDO AVE PMD
F70	OAK ALTAM STEEV MENDO AVE PMD
FOT	OAK GRTFL DALON
HHR	OAK ALTAM STEEV MENDO AVE FIM
IPL	OAK ALTAM STEEV MENDO AVE PDZ
L35	OAK ALTAM STEEV MENDO AVE PMD
LAX	OAK ALTAM STEEV MENDO AVE
LGB	OAK ALTAM STEEV MENDO AVE FIM
MYF	OAK ALTAM STEEV MENDO AVE LAX
ONT	OAK ALTAM STEEV MENDO AVE PMD
OXR	OAK ALTAM STEEV MENDO AVE GVO
POC	OAK ALTAM STEEV MENDO AVE PMD
PRB	OAK ALTAM
PSP	OAK ALTAM STEEV MENDO AVE PMD
PTV	OAK ALTAM STEEV MENDO
RAL	OAK ALTAM STEEV MENDO AVE PMD
RIV	OAK ALTAM STEEV MENDO AVE PMD
RNM	OAK ALTAM STEEV MENDO AVE LAX
SAN	OAK ALTAM STEEV MENDO AVE LAX
SBA	OAK ALTAM STEEV MENDO AVE GVO HABUT
SBD	OAK ALTAM STEEV MENDO AVE PMD
SBP	OAK ALTAM STEEV MENDO AVE MQO
SDM	OAK ALTAM STEEV MENDO AVE LAX

Super Bowl 50 - Special Traffic Management Procedures

HWD - Arrival and Departure Routes

SEE	OAK ALTAM STEEV MENDO AVE LAX
SMO	OAK ALTAM STEEV MENDO AVE
SMX	OAK ALTAM STEEV MENDO AVE MQO
SNA	OAK ALTAM STEEV MENDO AVE FIM
TNP	OAK ALTAM STEEV MENDO AVE PMD
TOA	OAK ALTAM STEEV MENDO AVE FIM
TRK	OAK HNW SWR
TRM	OAK ALTAM STEEV MENDO AVE PMD
TVL	OAK HNW SWR
UDD	OAK ALTAM STEEV MENDO AVE PMD
VCV	OAK ALTAM STEEV MENDO AVE PMD
VNY	OAK ALTAM STEEV MENDO AVE
WJF	OAK ALTAM STEEV MENDO AVE

Departing HWD to IDAHO	
DESTINATION	ROUTE
All Airports	OAK DEDHD REO

Departing HWD to MONTANA	
DESTINATION	ROUTE
All Airports	OAK DEDHD REO

Departing HWD to NEVADA	
DESTINATION	ROUTE
06U	OAK GALTS HZN
BVU	OAK ALTAM STEEV MENDO AVE PMD DAG
CXP	OAK HNW SWR
EKO	OAK GALTS HZN
ELY	OAK GALTS ELY
HND	OAK ALTAM STEEV MENDO AVE PMD DAG
LAS	OAK ALTAM STEEV CZQ BTY
LWL	OAK DEDHD GAAAS HEIRS

Super Bowl 50 - Special Traffic Management Procedures

HWD - Arrival and Departure Routes

MEV	OAK HNW SWR
RNO	OAK SAC
RTS	OAK HNW SWR
VGT	OAK ALTAM STEEV CZQ BTY
WMC	OAK DEDHD GAAAS

Departing HWD to OREGON	
DESTINATION	ROUTE
26U	OAK DEDHD GAAAS
3S4	OAK GRTFL DALON
62S	OAK DEDHD
AST	OAK GRTFL MACHU
BDN	OAK DEDHD
BKE	OAK DEDHD JUNEJ
BNO	OAK DEDHD JUNEJ
CVO	OAK GRTFL MACHU
DLS	OAK DEDHD
EUG	OAK GRTFL MACHU
GCD	OAK DEDHD JUNEJ
HIO	OAK GRTFL MACHU MOXEE
JSY	OAK DEDHD JUNEJ
LGD	OAK DEDHD JUNEJ
LKV	OAK DEDHD JUNEJ
LMT	OAK DEDHD
MFR	OAK GRTFL MACHU
MMV	OAK GRTFL MACHU MOXEE
ONO	OAK DEDHD JUNEJ
ONP	OAK GRTFL MACHU
OTH	OAK GRTFL MACHU
PDT	OAK DEDHD JUNEJ
PDX	OAK GRTFL MACHU MOXEE
RBG	OAK GRTFL MACHU
RDM	OAK DEDHD
S21	OAK DEDHD

Super Bowl 50 - Special Traffic Management Procedures

HWD - Arrival and Departure Routes

S33	OAK DEDHD
S39	OAK DEDHD
SLE	OAK GRTFL MACHU
SPB	OAK GRTFL MACHU MOXEE
TMK	OAK GRTFL MACHU MOXEE
TTD	OAK GRTFL MACHU MOXEE
UAO	OAK GRTFL MACHU MOXEE

Departing HWD to UTAH	
DESTINATION	ROUTE
36U	OAK GALTS HZN SPRUZ KNOLE
74V	OAK GALTS HZN TCH
BMC	OAK GALTS HZN SPRUZ DEZRT
BTF	OAK GALTS HZN SPRUZ BVL
CDC	OAK GALTS SLADE DOTME WINEN
CNY	OAK GALTS FFU
ENV	OAK GALTS HZN SPRUZ
FOM	OAK GALTS SLADE
KNB	OAK GALTS SLADE DOTME WINEN
LGU	OAK GALTS HZN SPRUZ DEZRT
OGD	OAK GALTS HZN SPRUZ DEZRT
PVU	OAK GALTS HZN SPRUZ KNOLE
SGU	OAK GALTS SLADE DOTME WINEN
SLC	OAK GALTS HZN SPRUZ BVL
TVY	OAK GALTS HZN SPRUZ KNOLE
U42	OAK GALTS HZN SPRUZ DEZRT
U55	OAK GALTS SLADE DOTME
U77	OAK GALTS HZN SPRUZ KNOLE
VEL	OAK GALTS HZN TCH

Super Bowl 50 - Special Traffic Management Procedures

HWD - Arrival and Departure Routes

Departing HWD to WASHINGTON	
DESTINATION	ROUTE
ALW	OAK DEDHD JUNEJ
AWO	OAK DEDHD BTG
BFI	OAK DEDHD BTG
BLI	OAK DEDHD PAE
BVS	OAK DEDHD PAE
CLM	OAK GRTFL MACHU
CLS	OAK DEDHD BTG
DEW	OAK DEDHD JUNEJ
EAT	OAK DEDHD
ELN	OAK DEDHD
EPH	OAK DEDHD
GEG	OAK DEDHD JUNEJ
HQM	OAK GRTFL MACHU
MWH	OAK DEDHD
OLM	OAK DEDHD BTG
PAE	OAK DEDHD
PSC	OAK DEDHD JUNEJ
PUW	OAK DEDHD JUNEJ LKV
PWT	OAK DEDHD BTG
RNT	OAK DEDHD BTG
S52	OAK DEDHD
SEA	OAK DEDHD BTG
SFF	OAK DEDHD JUNEJ
SHN	OAK DEDHD BTG
TIW	OAK DEDHD BTG
YKM	OAK DEDHD

Departing HWD to WYOMING	
DESTINATION	ROUTE
All Airports	OAK GALTS HZN TCH

AIRPORT INFORMATION

Airport diagrams are available on the Internet at:

http://www.faa.gov/air_traffic/flight_info/aeronav/

Practice approaches and touch-and-go/pilot training operations at San Francisco Bay Area, Napa Valley, and Monterey Peninsula metropolitan airports may be limited or suspended from February 3, 2016 through February 8, 2016 due to the high volume of traffic associated with Super Bowl 50.

FLIGHT PLANS AND WEATHER INFORMATION

To ensure proper processing, flight plans should be filed at least 8 hours prior to departure.

Lockheed Martin Automated Flight Service Station	
Telephone Flight Planning	1-800-WX-BRIEF

For further information, contact:

FAA Oakland ARTCC
Traffic Management Unit
5125 Central Avenue
Fremont, CA, 94536
510-745-3332

Super Bowl 50
SPECIAL TRAFFIC MANAGEMENT PROCEDURES
ARRIVAL AND DEPARTURE ROUTES

LVK

Livermore Municipal Airport

In anticipation of a large number of aircraft operating to and from the San Francisco Bay Area, Napa Valley, and Monterey Peninsula metropolitan airports the week of Super Bowl 50, the following procedures will be used to enhance safety and minimize air traffic delays.

SECURITY PROVISIONS

Special security provisions will be in effect for this event including (but not limited to) Temporary Flight Restrictions (TFRs), two-way communication and discrete transponder requirements. Specific procedures contained in this NOTAM may be revised and access to some airports may be restricted. Pilots are encouraged to check NOTAMs frequently to verify they have the most current information.

TFR information is normally disseminated via FDC NOTAM 3 to 5 days prior to the event. Once published, text and graphic depictions of restrictions may be found on the following web site:

<http://tfr.faa.gov/tfr2/list.html>

Pilots should be prepared to provide documentation including personal identification, certificate number, aircraft ownership information, and a contact number.

THIS NOTAM DOES NOT SUPERSEDE RESTRICTIONS PERTAINING TO THE USE OF AIRSPACE CONTAINED IN FDC NOTAMS.

TRAFFIC MANAGEMENT

Traffic management initiatives will be utilized when arrival rates exceed airport capacity. Pilots should be prepared for potential airborne holding, reroutes, or Expect Departure Clearance Times (EDCT’s) that may be issued for all domestic IFR arrivals to the following airports:

AIRPORT	LOCATION	IDENTIFIER
San Francisco International	San Francisco, CA	SFO
Oakland International	Oakland, CA	OAK
Hayward Executive	Hayward, CA	HWD
Norman Y. Mineta San Jose International	San Jose, CA	SJC
Livermore Municipal	Livermore, CA	LVK
Buchanan Field	Concord, CA	CCR
Napa County	Napa, CA	APC
Charles M. Schultz – Sonoma County	Santa Rosa, CA	STS
Monterey Regional	Monterey, CA	MRY
Watsonville Municipal	Watsonville, CA	WVI
Salinas Municipal	Salinas, CA	SNS

Heavy demand and traffic management initiatives may be expected during the following dates/times:

DAILY	Thursday, February 4, 2016, 0600 PST (1400 UTC) through Monday, February 8, 2016, 2000 PST (0400 UTC, February 9)
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AIRFILES AND CHANGE OF DESTINATION

Traffic management initiatives for this event are designed to provide equitable airspace access. To maintain program integrity and minimize delays, no airborne IFR filing or airborne changes of destination will be allowed within 200nm of Northern California TRACON Terminal airspace, except in emergency situations. Duplicate flight plans (same time/call sign) to multiple airport destinations are subject to removal from the system.

Super Bowl 50 - Special Traffic Management Procedures

LVK - Arrival and Departure Routes

PREFERRED ROUTES

IFR aircraft arriving and departing the San Francisco Bay Area, Napa Valley, and Monterey Peninsula metropolitan airports area should file and expect to be routed via the following routes.

ARRIVAL ROUTES for TURBOJET AIRCRAFT

**Effective Sunday, February 7, 2016, 1500 PST (2300 UTC) through
Monday, February 8, 2016, 2000 PST (0400 UTC, February 9)**

Arriving LVK	
VIA	ROUTE
ZSE	SAC TRACY direct
ZLC	ECA TRACY direct
ZLA	ECA TRACY direct

DEPARTURE ROUTES for TURBOJET AIRCRAFT

Effective Sunday, February 7, 2016, 1700 PST (0100 UTC, February 8) through Monday, February 8, 2016, 2000 PST (0400 UTC, February 9)

Due to the expected heavy volume of departures, users must file the following routes. ATC will issue re-routes to aircraft not on these routes. In order to avoid departure delays, ATC may issue alternative departure routings.

LIVERMORE MUNICIPAL AIRPORT DEPARTURES

Departing LVK to the Rest of US, Alaska, Canada, and Mexico	
DESTINATION	ROUTE
ZMP, ZAU, ZOB, ZBW, ZNY, CZY	LIVR1 ALTAM GALTS HZN TCH
EWR	LIVR1 ALTAM GALTS HZN TCH KP81G
JFK	LIVR1 ALTAM GALTS HZN TCH FOD
ZDV, ZKC, ZID, ZDC, ZME, ZTL	LIVR1 ALTAM GALTS FFU CHE
ZFW, ZHU, ZJX, ZMA, ZAB	LIVR1 ALTAM STEEV MENDO NLC SWOOP PRFUM
ALASKA	LIVR1 ALTAM SAC LMT
EASTERN CANADA	LIVR1 ALTAM GALTS HZN TCH
CENTRAL CANADA	
CYQR, CYXE	LIVR1 ALTAM SAC SHLTR REO
WESTERN CANADA	
CYVR, CYYJ	LIVR1 ALTAM SAC LMT
CYEG, CYYC	LIVR1 ALTAM SAC JUNEJ GEG
MEXICO	LIVR1 ALTAM STEEV MENDO AVE LAX

Departing LVK to ARIZONA	
DESTINATION	ROUTE
NYL	LIVR1 ALTAM STEEV MENDO AVE PDZ
All Others	LIVR1 ALTAM STEEV MENDO NLC SWOOP PRFUM

Super Bowl 50 - Special Traffic Management Procedures

LVK - Arrival and Departure Routes

Departing LVK to CALIFORNIA	
DESTINATION	ROUTE
ACV	LIVR1 ALTAM SAC RBL YAGER
APV	LIVR1 ALTAM STEEV MENDO AVE PMD
BFL	LIVR1 ALTAM STEEV MENDO AVE EHF
BNG	LIVR1 ALTAM STEEV MENDO AVE PMD
BUR	LIVR1 ALTAM STEEV MENDO AVE FIM
CEC	LIVR1 ALTAM SAC RBL
CMA	LIVR1 ALTAM STEEV MENDO AVE FIM
CNO	LIVR1 ALTAM STEEV MENDO AVE PMD
CRQ	LIVR1 ALTAM STEEV MENDO AVE LAX
EED	LIVR1 ALTAM STEEV MENDO AVE PMD
F70	LIVR1 ALTAM STEEV MENDO AVE PMD
FOT	LIVR1 ALTAM SAC RBL
HHR	LIVR1 ALTAM STEEV MENDO AVE FIM
IPL	LIVR1 ALTAM STEEV MENDO AVE PDZ
L35	LIVR1 ALTAM STEEV MENDO AVE PMD
LAX	LIVR1 ALTAM STEEV MENDO AVE
LGB	LIVR1 ALTAM STEEV MENDO AVE FIM
MYF	LIVR1 ALTAM STEEV MENDO AVE LAX
ONT	LIVR1 ALTAM STEEV MENDO AVE PMD
OXR	LIVR1 ALTAM STEEV MENDO AVE FIM
POC	LIVR1 ALTAM STEEV MENDO AVE PMD
PRB	LIVR1 ALTAM
PSP	LIVR1 ALTAM STEEV MENDO AVE PMD
PTV	LIVR1 ALTAM STEEV MENDO
RAL	LIVR1 ALTAM STEEV MENDO AVE PMD
RIV	LIVR1 ALTAM STEEV MENDO AVE PMD
RNM	LIVR1 ALTAM STEEV MENDO AVE LAX
SAN	LIVR1 ALTAM STEEV MENDO AVE LAX
SBA	LIVR1 ALTAM STEEV MENDO AVE GVO HABUT
SBD	LIVR1 ALTAM STEEV MENDO AVE PMD
SBP	LIVR1 ALTAM STEEV MENDO AVE MQO
SDM	LIVR1 ALTAM STEEV MENDO AVE LAX

Super Bowl 50 - Special Traffic Management Procedures

LVK - Arrival and Departure Routes

SEE	LIVR1 ALTAM STEEV MENDO AVE LAX
SMO	LIVR1 ALTAM STEEV MENDO AVE FIM
SMX	LIVR1 ALTAM STEEV MENDO AVE MQO
SNA	LIVR1 ALTAM STEEV MENDO AVE FIM
TNP	LIVR1 ALTAM STEEV MENDO AVE PMD
TOA	LIVR1 ALTAM STEEV MENDO AVE FIM
TRK	LIVR1 ALTAM HNW SWR
TRM	LIVR1 ALTAM STEEV MENDO AVE PMD
TVL	LIVR1 ALTAM HNW SWR
UDD	LIVR1 ALTAM STEEV MENDO AVE PMD
VCV	LIVR1 ALTAM STEEV MENDO AVE PMD
VNY	LIVR1 ALTAM STEEV MENDO AVE FIM
WJF	LIVR1 ALTAM STEEV MENDO AVE

Departing LVK to IDAHO	
DESTINATION	ROUTE
All Airports	LIVR1 ALTAM SAC SHLTR REO

Departing LVK to MONTANA	
DESTINATION	ROUTE
All Airports	LIVR1 ALTAM SAC SHLTR REO

Departing LVK to NEVADA	
DESTINATION	ROUTE
06U	LIVR1 ALTAM GALTS HZN
BVU	LIVR1 ALTAM STEEV MENDO AVE PMD DAG
CXP	LIVR1 ALTAM HNW SWR
EKO	LIVR1 ALTAM GALTS HZN
ELY	LIVR1 ALTAM GALTS ELY
HND	LIVR1 ALTAM STEEV MENDO AVE PMD DAG
LAS	LIVR1 ALTAM STEEV CZQ BTY
LWL	LIVR1 ALTAM SAC SHLTR HEIRS

Super Bowl 50 - Special Traffic Management Procedures

LVK - Arrival and Departure Routes

MEV	LIVR1 ALTAM HNW SWR
RNO	LIVR1 ALTAM SAC
RTS	LIVR1 ALTAM HNW SWR
VGT	LIVR1 ALTAM STEEV CZQ BTY
WMC	LIVR1 ALTAM SAC SHLTR

Departing LVK to OREGON	
DESTINATION	ROUTE
26U	LIVR1 ALTAM SAC JUNEJ
3S4	LIVR1 ALTAM SAC RBL
62S	LIVR1 ALTAM SAC JUNEJ
AST	LIVR1 ALTAM SAC LMT
BDN	LIVR1 ALTAM SAC
BKE	LIVR1 ALTAM SAC JUNEJ
BNO	LIVR1 ALTAM SAC JUNEJ
CVO	LIVR1 ALTAM SAC LMT
DLS	LIVR1 ALTAM SAC
EUG	LIVR1 ALTAM SAC LMT
GCD	LIVR1 ALTAM SAC JUNEJ
HIO	LIVR1 ALTAM SAC LMT
JSY	LIVR1 ALTAM SAC JUNEJ
LGD	LIVR1 ALTAM SAC JUNEJ
LKV	LIVR1 ALTAM SAC JUNEJ
LMT	LIVR1 ALTAM SAC
MFR	LIVR1 ALTAM SAC LMT
MMV	LIVR1 ALTAM SAC LMT
ONO	LIVR1 ALTAM SAC JUNEJ
ONP	LIVR1 ALTAM SAC LMT
OTH	LIVR1 ALTAM SAC LMT
PDT	LIVR1 ALTAM SAC JUNEJ
PDX	LIVR1 ALTAM SAC LMT
RBG	LIVR1 ALTAM SAC LMT
RDM	LIVR1 ALTAM SAC
S21	LIVR1 ALTAM SAC

Super Bowl 50 - Special Traffic Management Procedures

LVK - Arrival and Departure Routes

S33	LIVR1 ALTAM SAC
S39	LIVR1 ALTAM SAC JUNEJ
SLE	LIVR1 ALTAM SAC LMT
SPB	LIVR1 ALTAM SAC LMT
TMK	LIVR1 ALTAM SAC LMT
TTD	LIVR1 ALTAM SAC LMT
UAO	LIVR1 ALTAM SAC LMT

Departing LVK to UTAH	
DESTINATION	ROUTE
36U	LIVR1 ALTAM GALTS HZN SPRUZ KNOLE
74V	LIVR1 ALTAM GALTS HZN TCH
BMC	LIVR1 ALTAM GALTS HZN SPRUZ DEZRT
BTF	LIVR1 ALTAM GALTS HZN SPRUZ BVL
CDC	LIVR1 ALTAM GALTS SLADE DOTME WINEN
CNY	LIVR1 ALTAM GALTS FFU
ENV	LIVR1 ALTAM GALTS HZN SPRUZ
FOM	LIVR1 ALTAM GALTS SLADE
KNB	LIVR1 ALTAM GALTS SLADE DOTME WINEN
LGU	LIVR1 ALTAM GALTS HZN SPRUZ DEZRT
OGD	LIVR1 ALTAM GALTS HZN SPRUZ DEZRT
PVU	LIVR1 ALTAM GALTS HZN SPRUZ KNOLE
SGU	LIVR1 ALTAM GALTS SLADE DOTME WINEN
SLC	LIVR1 ALTAM GALTS HZN SPRUZ BVL
TVY	LIVR1 ALTAM GALTS HZN SPRUZ KNOLE
U42	LIVR1 ALTAM GALTS HZN SPRUZ DEZRT
U55	LIVR1 ALTAM GALTS SLADE DOTME
U77	LIVR1 ALTAM GALTS HZN SPRUZ KNOLE
VEL	LIVR1 ALTAM GALTS HZN TCH

Super Bowl 50 - Special Traffic Management Procedures

LVK - Arrival and Departure Routes

Departing LVK to WASHINGTON	
DESTINATION	ROUTE
ALW	LIVR1 ALTAM SAC JUNEJ
AWO	LIVR1 ALTAM SAC LMT
BFI	LIVR1 ALTAM SAC LMT
BLI	LIVR1 ALTAM SAC LMT
BVS	LIVR1 ALTAM SAC LMT
CLM	LIVR1 ALTAM SAC LMT
CLS	LIVR1 ALTAM SAC LMT
DEW	LIVR1 ALTAM SAC JUNEJ
EAT	LIVR1 ALTAM SAC LMT
ELN	LIVR1 ALTAM SAC LMT
EPH	LIVR1 ALTAM SAC LMT
GEG	LIVR1 ALTAM SAC JUNEJ
HQM	LIVR1 ALTAM SAC LMT
MWH	LIVR1 ALTAM SAC LMT
OLM	LIVR1 ALTAM SAC LMT
PAE	LIVR1 ALTAM SAC LMT
PSC	LIVR1 ALTAM SAC JUNEJ
PUW	LIVR1 ALTAM SAC JUNEJ LKV
PWT	LIVR1 ALTAM SAC LMT
RNT	LIVR1 ALTAM SAC LMT
S52	LIVR1 ALTAM SAC LMT
SEA	LIVR1 ALTAM SAC LMT
SFF	LIVR1 ALTAM SAC JUNEJ
SHN	LIVR1 ALTAM SAC LMT
TIW	LIVR1 ALTAM SAC LMT
YKM	LIVR1 ALTAM SAC LMT

Departing LVK to WYOMING	
DESTINATION	ROUTE
All Airports	LIVR1 ALTAM GALTS HZN TCH

AIRPORT INFORMATION

Airport diagrams are available on the Internet at:

http://www.faa.gov/air_traffic/flight_info/aeronav/

Practice approaches and touch-and-go/pilot training operations at San Francisco Bay Area, Napa Valley, and Monterey Peninsula metropolitan airports may be limited or suspended from February 3, 2016 through February 8, 2016 due to the high volume of traffic associated with Super Bowl 50.

FLIGHT PLANS AND WEATHER INFORMATION

To ensure proper processing, flight plans should be filed at least 8 hours prior to departure.

Lockheed Martin Automated Flight Service Station	
Telephone Flight Planning	1-800-WX-BRIEF

For further information, contact:

FAA Oakland ARTCC
Traffic Management Unit
5125 Central Avenue
Fremont, CA, 94536
510-745-3332

Super Bowl 50
SPECIAL TRAFFIC MANAGEMENT PROCEDURES
ARRIVAL AND DEPARTURE ROUTES

MRY - WVI - SNS

Monterey Regional Airport
Watsonville Municipal Airport
Salinas Municipal Airport

In anticipation of a large number of aircraft operating to and from the San Francisco Bay Area, Napa Valley, and Monterey Peninsula metropolitan airports the week of Super Bowl 50, the following procedures will be used to enhance safety and minimize air traffic delays.

SECURITY PROVISIONS

Special security provisions will be in effect for this event including (but not limited to) Temporary Flight Restrictions (TFRs), two-way communication and discrete transponder requirements. Specific procedures contained in this NOTAM may be revised and access to some airports may be restricted. Pilots are encouraged to check NOTAMs frequently to verify they have the most current information.

TFR information is normally disseminated via FDC NOTAM 3 to 5 days prior to the event. Once published, text and graphic depictions of restrictions may be found on the following web site:

<http://tfr.faa.gov/tfr2/list.html>

Pilots should be prepared to provide documentation including personal identification, certificate number, aircraft ownership information, and a contact number.

THIS NOTAM DOES NOT SUPERSEDE RESTRICTIONS PERTAINING TO THE USE OF AIRSPACE CONTAINED IN FDC NOTAMS.

Super Bowl 50 - Special Traffic Management Procedures

MRY - WVI - SNS - Arrival and Departure Routes

TRAFFIC MANAGEMENT

Traffic management initiatives will be utilized when arrival rates exceed airport capacity. Pilots should be prepared for potential airborne holding, reroutes, or Expect Departure Clearance Times (EDCT's) that may be issued for all domestic IFR arrivals to the following airports:

AIRPORT	LOCATION	IDENTIFIER
San Francisco International	San Francisco, CA	SFO
Oakland International	Oakland, CA	OAK
Hayward Executive	Hayward, CA	HWD
Norman Y. Mineta San Jose International	San Jose, CA	SJC
Livermore Municipal	Livermore, CA	LVK
Buchanan Field	Concord, CA	CCR
Napa County	Napa, CA	APC
Charles M. Schultz – Sonoma County	Santa Rosa, CA	STS
Monterey Regional	Monterey, CA	MRY
Watsonville Municipal	Watsonville, CA	WVI
Salinas Municipal	Salinas, CA	SNS

Heavy demand and traffic management initiatives may be expected during the following dates/times:

DAILY	Thursday, February 4, 2016, 0600 PST (1400 UTC) through Monday, February 8, 2016, 2000 PST (0400 UTC, February 9)
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AIRFILES AND CHANGE OF DESTINATION

Traffic management initiatives for this event are designed to provide equitable airspace access. To maintain program integrity and minimize delays, no airborne IFR filing or airborne changes of destination will be allowed within 200nm of Northern California TRACON Terminal airspace, except in emergency situations. Duplicate flight plans (same time/call sign) to multiple airport destinations are subject to removal from the system.

Super Bowl 50 - Special Traffic Management Procedures

MRY - WVI - SNS - Arrival and Departure Routes

PREFERRED ROUTES

IFR aircraft arriving and departing the San Francisco Bay Area, Napa Valley, and Monterey Peninsula metropolitan airports area should file and expect to be routed via the following routes.

ARRIVAL ROUTES for TURBOJET AIRCRAFT

**Effective Thursday, February 4, 2016, 0600 PST (1400 UTC) through
Monday, February 8, 2016, 2000 PST (0400 UTC, February 9)**

Arriving MRY / WVI / SNS	
VIA	ROUTE
ZSE	PYE V27 SHOEY direct
ZLC	CABAB Rooth direct
Eastern ZLA	CABAB Rooth direct
Western ZLA	SCTRR WIGGL direct

DEPARTURE ROUTES for TURBOJET AIRCRAFT

Effective Sunday, February 7, 2016, 1700 PST (0100 UTC, February 8) through Monday, February 8, 2016, 2000 PST (0400 UTC, February 9)

Due to the expected heavy volume of departures, users must file the following routes. ATC will issue re-routes to aircraft not on these routes. In order to avoid departure delays, ATC may issue alternative departure routings.

MONTEREY / WATSONVILLE / SALINAS AIRPORT DEPARTURES

Departing MRY/WVI/SNS to the Rest of US, Alaska, Canada, and Mexico	
DESTINATION	ROUTE
ZMP, ZAU, ZOB, ZBW, ZNY, CZY	NLC SWOOP PRFUM
EWR	NLC SWOOP PRFUM
JFK	NLC SWOOP PRFUM
ZDV, ZKC, ZID, ZDC, ZME, ZTL	NLC SWOOP PRFUM
ZFW, ZHU, ZJX, ZMA, ZAB	NLC SWOOP PRFUM
ALASKA	SNS260060 RAINS OOLEY
EASTERN CANADA	NLC SWOOP PRFUM
CENTRAL CANADA	
CYQR, CYXE	SNS260060 RAINS OOLEY
WESTERN CANADA	
CYVR, CYYJ	SNS260060 RAINS OOLEY FINER GALLO PAE
CYEG, CYYC	SNS260060 RAINS OOLEY GEG
MEXICO	LIBBO YYUNG LAX

Departing MRY/WVI/SNS to ARIZONA	
DESTINATION	ROUTE
NYL	SUSEY AVE PDZ
All Others	NLC SWOOP PRFUM

Super Bowl 50 - Special Traffic Management Procedures

MRY - WVI - SNS - Arrival and Departure Routes

Departing MRY/WVI/SNS to CALIFORNIA	
DESTINATION	ROUTE
ACV	SNS260060 RAINS OOLEY
APV	SUSEY AVE PMD
BFL	SUSEY AVE EHF
BNG	SUSEY AVE PMD
BUR	SUSEY AVE
CEC	SNS260060 RAINS OOLEY
CMA	SUSEY AVE FIM
CNO	SUSEY AVE PMD
CRQ	LIBBO YYUNG LAX
EED	SUSEY AVE PMD
F70	SUSEY AVE PMD
FOT	SNS260060 RAINS OOLEY
HHR	SUSEY AVE
IPL	SUSEY AVE PDZ
L35	SUSEY AVE PMD
LAX	SUSEY AVE
LGB	LIBBO YYUNG DAISY SXC
MYF	LIBBO YYUNG LAX
ONT	SUSEY AVE PMD
OXR	SUSEY AVE FIM
POC	SUSEY AVE PMD
PRB	PRB
PSP	SUSEY AVE PMD
PTV	SUSEY
RAL	SUSEY AVE PMD
RIV	SUSEY AVE PMD
RNM	LIBBO YYUNG LAX
SAN	LIBBO YYUNG LAX
SBA	SUSEY AVE GVO HABUT
SBD	SUSEY AVE PMD
SBP	SUSEY AVE MQO
SDM	LIBBO YYUNG LAX
SEE	LIBBO YYUNG LAX

Super Bowl 50 - Special Traffic Management Procedures

MRY - WVI - SNS - Arrival and Departure Routes

SMO	SUSEY AVE
SMX	SUSEY AVE MQO
SNA	LIBBO YYUNG DAISY SXC
TNP	SUSEY AVE PMD
TOA	LIBBO YYUNG DAISY SXC
TRK	SNS PXN SWR
TRM	SUSEY AVE PMD
TVL	SNS PXN SWR
UDD	SUSEY AVE PMD
VCV	SUSEY AVE PMD
VNY	SUSEY AVE
WJF	SUSEY AVE

Departing MRY/WVI/SNS to IDAHO	
DESTINATION	ROUTE
BOI	SNS260060 RAINS OOLEY PRNCS
COE	SNS260060 RAINS OOLEY REO
EUL	SNS260060 RAINS OOLEY REO
GIC	SNS260060 RAINS OOLEY REO
LWS	SNS260060 RAINS OOLEY REO
MAN	SNS260060 RAINS OOLEY REO
MYL	SNS260060 RAINS OOLEY REO
SMN	SNS260060 RAINS OOLEY REO
SZT	SNS260060 RAINS OOLEY REO
All Others	SNS260060 RAINS ENI RBL HEIRS

Departing MRY/WVI/SNS to MONTANA	
DESTINATION	ROUTE
All Airports	SNS260060 RAINS OOLEY

Super Bowl 50 - Special Traffic Management Procedures

MRY - WVI - SNS - Arrival and Departure Routes

Departing MRY/WVI/SNS to NEVADA	
DESTINATION	ROUTE
06U	SNS260060 RAINS ENI RBL HEIRS
BVU	SUSEY AVE PMD DAG
CXP	SNS PXN SWR
EKO	SNS260060 RAINS ENI RBL HEIRS INA
ELY	SNS260060 RAINS ENI RBL HEIRS INA
HND	SUSEY AVE PMD DAG
LAS	SNS PXN CZQ BTY
LWL	SNS260060 RAINS ENI RBL HEIRS
MEV	SNS PXN SWR
RNO	SNS PXN SWR
RTS	SNS PXN SWR
VGT	SNS PXN CZQ BTY
WMC	SNS260060 RAINS ENI RBL HEIRS

Departing MRY/WVI/SNS to OREGON	
DESTINATION	ROUTE
26U	SNS260060 RAINS OOLEY
3S4	SNS260060 RAINS OOLEY
62S	SNS260060 RAINS OOLEY
AST	SNS260060 RAINS OOLEY
BDN	SNS260060 RAINS OOLEY
BKE	SNS260060 RAINS OOLEY
BNO	SNS260060 RAINS OOLEY
CVO	SNS260060 RAINS OOLEY
DLS	SNS260060 RAINS OOLEY
EUG	SNS260060 RAINS OOLEY
GCD	SNS260060 RAINS OOLEY
HIO	SNS260060 RAINS OOLEY MOXEE
JSY	SNS260060 RAINS OOLEY
LGD	SNS260060 RAINS OOLEY
LKV	SNS260060 RAINS OOLEY
LMT	SNS260060 RAINS OOLEY

Super Bowl 50 - Special Traffic Management Procedures

MRY - WVI - SNS - Arrival and Departure Routes

MFR	SNS260060 RAINS OOLEY
MMV	SNS260060 RAINS OOLEY MOXEE
ONO	SNS260060 RAINS OOLEY
ONP	SNS260060 RAINS OOLEY
OTH	SNS260060 RAINS OOLEY
PDT	SNS260060 RAINS OOLEY
PDX	SNS260060 RAINS OOLEY MOXEE
RBG	SNS260060 RAINS OOLEY
RDM	SNS260060 RAINS OOLEY
S21	SNS260060 RAINS OOLEY
S33	SNS260060 RAINS OOLEY
S39	SNS260060 RAINS OOLEY
SLE	SNS260060 RAINS OOLEY
SPB	SNS260060 RAINS OOLEY MOXEE
TMK	SNS260060 RAINS OOLEY MOXEE
TTD	SNS260060 RAINS OOLEY MOXEE
UAO	SNS260060 RAINS OOLEY MOXEE

Departing MRY/WVI/SNS to UTAH	
DESTINATION	ROUTE
74V	SNS260060 RAINS ENI RBL HEIRS
ENV	SNS260060 RAINS ENI RBL HEIRS
VEL	SNS260060 RAINS ENI RBL HEIRS
BMC	SNS260060 RAINS ENI RBL HEIRS BVL DEZRT
LGU	SNS260060 RAINS ENI RBL HEIRS BVL DEZRT
OGD	SNS260060 RAINS ENI RBL HEIRS BVL DEZRT
U42	SNS260060 RAINS ENI RBL HEIRS BVL DEZRT
BTF	SNS260060 RAINS ENI RBL HEIRS BVL
SLC	SNS260060 RAINS ENI RBL HEIRS BVL
36U	SNS260060 RAINS ENI RBL HEIRS KNOLE
PVU	SNS260060 RAINS ENI RBL HEIRS KNOLE
TVY	SNS260060 RAINS ENI RBL HEIRS KNOLE
U77	SNS260060 RAINS ENI RBL HEIRS KNOLE
CDC	NLC SWOOP PRFUM

Super Bowl 50 - Special Traffic Management Procedures

MRY - WVI - SNS - Arrival and Departure Routes

CNY	NLC SWOOP PRFUM
FOM	NLC SWOOP PRFUM
KNB	NLC SWOOP PRFUM
SGU	NLC SWOOP PRFUM
U55	NLC SWOOP PRFUM

Departing MRY/WVI/SNS to WASHINGTON	
DESTINATION	ROUTE
ALW	SNS260060 RAINS OOLEY
AWO	SNS260060 RAINS OOLEY FINER GALLO BTG
BFI	SNS260060 RAINS OOLEY FINER GALLO BTG
BLI	SNS260060 RAINS OOLEY PAE
BVS	SNS260060 RAINS OOLEY PAE
CLM	SNS260060 RAINS OOLEY
CLS	SNS260060 RAINS OOLEY FINER GALLO BTG
DEW	SNS260060 RAINS OOLEY
EAT	SNS260060 RAINS OOLEY
ELN	SNS260060 RAINS OOLEY
EPH	SNS260060 RAINS OOLEY
GEG	SNS260060 RAINS OOLEY
HQM	SNS260060 RAINS OOLEY
MWH	SNS260060 RAINS OOLEY
OLM	SNS260060 RAINS OOLEY FINER GALLO BTG
PAE	SNS260060 RAINS OOLEY
PSC	SNS260060 RAINS OOLEY
PUW	SNS260060 RAINS OOLEY LKV
PWT	SNS260060 RAINS OOLEY FINER GALLO BTG
RNT	SNS260060 RAINS OOLEY FINER GALLO BTG
S52	SNS260060 RAINS OOLEY
SEA	SNS260060 RAINS OOLEY FINER GALLO BTG
SFF	SNS260060 RAINS OOLEY
SHN	SNS260060 RAINS OOLEY FINER GALLO BTG
TIW	SNS260060 RAINS OOLEY FINER GALLO BTG
YKM	SNS260060 RAINS OOLEY

Super Bowl 50 - Special Traffic Management Procedures

MRY - WVI - SNS - Arrival and Departure Routes

Departing MRY/WVI/SNS to WYOMING	
DESTINATION	ROUTE
All Airports	SNS260060 RAINS ENI RBL HEIRS

AIRPORT INFORMATION

Airport diagrams are available on the Internet at:

http://www.faa.gov/air_traffic/flight_info/aeronav/

Practice approaches and touch-and-go/pilot training operations at San Francisco Bay Area, Napa Valley, and Monterey Peninsula metropolitan airports may be limited or suspended from February 3, 2016 through February 8, 2016 due to the high volume of traffic associated with Super Bowl 50.

FLIGHT PLANS AND WEATHER INFORMATION

To ensure proper processing, flight plans should be filed at least 8 hours prior to departure.

Lockheed Martin Automated Flight Service Station	
Telephone Flight Planning	1-800-WX-BRIEF

For further information, contact:

FAA Oakland ARTCC
Traffic Management Unit
5125 Central Avenue
Fremont, CA, 94536
510-745-3332

Super Bowl 50
SPECIAL TRAFFIC MANAGEMENT PROCEDURES
ARRIVAL AND DEPARTURE ROUTES

OAK

Oakland International Airport

In anticipation of a large number of aircraft operating to and from the San Francisco Bay Area, Napa Valley, and Monterey Peninsula metropolitan airports the week of Super Bowl 50, the following procedures will be used to enhance safety and minimize air traffic delays.

SECURITY PROVISIONS

Special security provisions will be in effect for this event including (but not limited to) Temporary Flight Restrictions (TFRs), two-way communication and discrete transponder requirements. Specific procedures contained in this NOTAM may be revised and access to some airports may be restricted. Pilots are encouraged to check NOTAMs frequently to verify they have the most current information.

TFR information is normally disseminated via FDC NOTAM 3 to 5 days prior to the event. Once published, text and graphic depictions of restrictions may be found on the following web site:

<http://tfr.faa.gov/tfr2/list.html>

Pilots should be prepared to provide documentation including personal identification, certificate number, aircraft ownership information, and a contact number.

THIS NOTAM DOES NOT SUPERSEDE RESTRICTIONS PERTAINING TO THE USE OF AIRSPACE CONTAINED IN FDC NOTAMS.

Super Bowl 50 - Special Traffic Management Procedures

OAK - Arrival and Departure Routes

TRAFFIC MANAGEMENT

Traffic management initiatives will be utilized when arrival rates exceed airport capacity. Pilots should be prepared for potential airborne holding, reroutes, or Expect Departure Clearance Times (EDCT's) that may be issued for all domestic IFR arrivals to the following airports:

AIRPORT	LOCATION	IDENTIFIER
San Francisco International	San Francisco, CA	SFO
Oakland International	Oakland, CA	OAK
Hayward Executive	Hayward, CA	HWD
Norman Y. Mineta San Jose International	San Jose, CA	SJC
Livermore Municipal	Livermore, CA	LVK
Buchanan Field	Concord, CA	CCR
Napa County	Napa, CA	APC
Charles M. Schultz – Sonoma County	Santa Rosa, CA	STS
Monterey Regional	Monterey, CA	MRY
Watsonville Municipal	Watsonville, CA	WVI
Salinas Municipal	Salinas, CA	SNS

Heavy demand and traffic management initiatives may be expected during the following dates/times:

DAILY	Thursday, February 4, 2016, 0600 PST (1400 UTC) through Monday, February 8, 2016, 2000 PST (0400 UTC, February 9)
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AIRFILES AND CHANGE OF DESTINATION

Traffic management initiatives for this event are designed to provide equitable airspace access. To maintain program integrity and minimize delays, no airborne IFR filing or airborne changes of destination will be allowed within 200nm of Northern California TRACON Terminal airspace, except in emergency situations. Duplicate flight plans (same time/call sign) to multiple airport destinations are subject to removal from the system.

PREFERRED ROUTES

IFR aircraft arriving and departing the San Francisco Bay Area, Napa Valley, and Monterey Peninsula metropolitan airports area should file and expect to be routed via the following routes.

ARRIVAL ROUTES for TURBOJET AIRCRAFT

**Effective Sunday, February 7, 2016, 1500 PST (2300 UTC) through
Monday, February 8, 2016, 2000 PST (0400 UTC, February 9)**

Arriving OAK	
VIA	ROUTE
ZSE	HOMEG SPAMY ZINNN REBAS HOPTA WNDSR2
Northern ZLC	MVA MONOH OAKES2
Southern ZLC	MONOH OAKES2
Eastern ZLA	RUSME OAKES2
Western ZLA	RGOOD EMZOH EMZOH3

DEPARTURE ROUTES for TURBOJET AIRCRAFT

Effective Sunday, February 7, 2016, 1700 PST (0100 UTC, February 8) through Monday, February 8, 2016, 2000 PST (0400 UTC, February 9)

Due to the expected heavy volume of departures, users must file the following routes. ATC will issue re-routes to aircraft not on these routes. In order to avoid departure delays, ATC may issue alternative departure routings.

OAKLAND INTERNATIONAL AIRPORT DEPARTURES

Departing OAK to the Rest of US, Alaska, Canada, and Mexico	
DESTINATION	ROUTE
ZMP, ZAU, ZOB, ZBW, ZNY, CZY	OAK8 OAK ORRCA Q120 PROXI
EWR	OAK8 OAK ORRCA Q120 PROXI KP81G
JFK	OAK8 OAK ORRCA Q120 PROXI HUTEF FOD
ZDV, ZKC, ZID, ZDC, ZME, ZTL	OAK8 OAK TIPRE Q126 EKR
ZFW, ZHU, ZJX, ZMA, ZAB	CNDEL3 NTELL BLD
ALASKA	OAK8 OAK GRTFL MACHU
EASTERN CANADA	OAK8 OAK ORRCA Q120 PROXI
CENTRAL CANADA	
CYQR, CYXE	OAK8 OAK DEDHD REO
WESTERN CANADA	
CYVR, CYYJ	OAK8 OAK DEDHD PAE
CYEG, CYYC	OAK8 OAK DEDHD JUNEJ GEG
MEXICO	OAK8 OAK BRINY SEGUL LIBBO YYUNG LAX

Departing OAK to ARIZONA	
DESTINATION	ROUTE
NYL	CNDEL3 LOSHN PDZ
All Others	CNDEL3 NTELL BLD

Super Bowl 50 - Special Traffic Management Procedures

OAK - Arrival and Departure Routes

Departing OAK to CALIFORNIA	
DESTINATION	ROUTE
ACV	OAK8 OAK GRTFL DALON YAGER
APV	CNDEL3 LOSHN PMD
BFL	CNDEL3 EBAYE AVE EHF
BNG	CNDEL3 LOSHN PMD
BUR	CNDEL3 CISKO FLW
CEC	OAK8 OAK GRTFL DALON
CMA	OAK8 OAK BRINY SEGUL LIBBO YYUNG GVO
CNO	CNDEL3 LOSHN PMD
CRQ	OAK8 OAK BRINY SEGUL LIBBO YYUNG LAX
EED	CNDEL3 LOSHN PMD
F70	CNDEL3 LOSHN PMD
FOT	OAK8 OAK GRTFL DALON
HHR	CNDEL3 EBAYE AVE FIM
IPL	CNDEL3 LOSHN PDZ
L35	CNDEL3 LOSHN PMD
LAX	CNDEL3 EBAYE AVE
LGB	OAK8 OAK BRINY SEGUL LIBBO YYUNG DAISY SXC
MYF	OAK8 OAK BRINY SEGUL LIBBO YYUNG LAX
ONT	CNDEL3 LOSHN PMD
OXR	OAK8 OAK BRINY SEGUL LIBBO YYUNG GVO
POC	CNDEL3 LOSHN PMD
PRB	CNDEL3 FLOKK
PSP	CNDEL3 LOSHN PMD
PTV	CNDEL3 NTELL
RAL	CNDEL3 LOSHN PMD
RIV	CNDEL3 LOSHN PMD
RNM	OAK8 OAK BRINY SEGUL LIBBO YYUNG LAX
SAN	OAK8 OAK BRINY SEGUL LIBBO YYUNG LAX
SBA	OAK8 OAK BRINY SEGUL LIBBO YYUNG GVO HABUT
SBD	CNDEL3 LOSHN PMD
SBP	OAK8 OAK BRINY SEGUL LIBBO YYUNG MQO
SDM	OAK8 OAK BRINY SEGUL LIBBO YYUNG LAX
SEE	OAK8 OAK BRINY SEGUL LIBBO YYUNG LAX

Super Bowl 50 - Special Traffic Management Procedures

OAK - Arrival and Departure Routes

SMO	CNDEL3 CISKO FLW
SMX	OAK8 OAK BRINY SEGUL LIBBO YYUNG MQO
SNA	OAK8 OAK BRINY SEGUL LIBBO YYUNG DAISY SXC
TNP	CNDEL3 LOSHN PMD
TOA	OAK8 OAK BRINY SEGUL LIBBO YYUNG DAISY SXC
TRK	OAK8 OAK ORRCA HNW SWR
TRM	CNDEL3 LOSHN PMD
TVL	OAK8 OAK ORRCA HNW SWR
UDD	CNDEL3 LOSHN PMD
VCV	CNDEL3 LOSHN PMD
VNY	CNDEL3 CISKO FLW
WJF	CNDEL3 LOSHN

Departing OAK to IDAHO	
DESTINATION	ROUTE
AOC	OAK8 OAK ORRCA Q120 TRAKY
BOI	OAK8 OAK DEDHD PRNCS
COE	OAK8 OAK DEDHD JUNEJ
DIJ	OAK8 OAK ORRCA Q120 TRAKY
EUL	OAK8 OAK DEDHD REO
GIC	OAK8 OAK DEDHD JUNEJ
IDA	OAK8 OAK ORRCA Q120 TRAKY
JER	OAK8 OAK ORRCA Q120 TRAKY
LWS	OAK8 OAK DEDHD JUNEJ
MAN	OAK8 OAK DEDHD REO
MLD	OAK8 OAK ORRCA Q120 TRAKY
MYL	OAK8 OAK DEDHD JUNEJ
PIH	OAK8 OAK ORRCA Q120 TRAKY
SMN	OAK8 OAK DEDHD REO
SUN	OAK8 OAK ORRCA Q120 TRAKY
SZT	OAK8 OAK DEDHD JUNEJ
TWF	OAK8 OAK ORRCA Q120 TRAKY
U01	OAK8 OAK ORRCA Q120 TRAKY

Super Bowl 50 - Special Traffic Management Procedures

OAK - Arrival and Departure Routes

Departing OAK to MONTANA	
DESTINATION	ROUTE
07MT	OAK8 OAK ORRCA Q120 PROXI
38S	OAK8 OAK DEDHD REO
3U3	OAK8 OAK DEDHD REO
6S0	OAK8 OAK DEDHD REO
6S8	OAK8 OAK ORRCA Q120 PROXI
7S6	OAK8 OAK DEDHD REO
9S5	OAK8 OAK DEDHD REO
BHK	OAK8 OAK ORRCA Q120 PROXI
BIL	OAK8 OAK ORRCA Q120 PROXI
BTM	OAK8 OAK DEDHD REO
BZN	OAK8 OAK DEDHD REO
CII	OAK8 OAK DEDHD REO
CTB	OAK8 OAK DEDHD REO
DLN	OAK8 OAK DEDHD REO
EKS	OAK8 OAK DEDHD REO
GDV	OAK8 OAK ORRCA Q120 PROXI
GGW	OAK8 OAK ORRCA Q120 PROXI
GPI	OAK8 OAK DEDHD REO
GTF	OAK8 OAK DEDHD REO
HLN	OAK8 OAK DEDHD REO
HVR	OAK8 OAK DEDHD REO
LVM	OAK8 OAK DEDHD REO
LWT	OAK8 OAK DEDHD REO
M46	OAK8 OAK ORRCA Q120 PROXI
MLS	OAK8 OAK ORRCA Q120 PROXI
MSO	OAK8 OAK DEDHD REO
OLF	OAK8 OAK ORRCA Q120 PROXI
RPX	OAK8 OAK ORRCA Q120 PROXI
S59	OAK8 OAK DEDHD REO
SBX	OAK8 OAK DEDHD REO
SDY	OAK8 OAK ORRCA Q120 PROXI
WYS	OAK8 OAK DEDHD REO

Super Bowl 50 - Special Traffic Management Procedures

OAK - Arrival and Departure Routes

Departing OAK to NEVADA	
DESTINATION	ROUTE
06U	OAK8 OAK ORRCA Q120 JAJAY
BVU	CNDEL3 LOSHN PMD DAG
CXP	OAK8 OAK ORRCA HNW SWR
EKO	OAK8 OAK ORRCA Q120 JAJAY
ELY	OAK8 OAK TIPRE Q126 INSLO
HND	CNDEL3 LOSHN PMD DAG
LAS	CNDEL3 NTELL BTY
LWL	OAK8 OAK ORRCA Q120 JAJAY ARAYI
MEV	OAK8 OAK ORRCA HNW SWR
RNO	OAK8 OAK SAC
RTS	OAK8 OAK ORRCA HNW SWR
VGT	CNDEL3 NTELL BTY
WMC	OAK8 OAK ORRCA Q120 GALLI

Departing OAK to OREGON	
DESTINATION	ROUTE
26U	OAK8 OAK DEDHD
3S4	OAK8 OAK GRTFL DALON
62S	OAK8 OAK DEDHD
AST	OAK8 OAK GRTFL MACHU
BDN	OAK8 OAK DEDHD
BKE	OAK8 OAK DEDHD JUNEJ
BNO	OAK8 OAK DEDHD JUNEJ
CVO	OAK8 OAK GRTFL MACHU
DLS	OAK8 OAK DEDHD
EUG	OAK8 OAK GRTFL MACHU
GCD	OAK8 OAK DEDHD JUNEJ
HIO	OAK8 OAK GRTFL MACHU MOXEE
JSY	OAK8 OAK DEDHD JUNEJ
LGD	OAK8 OAK DEDHD JUNEJ
LKV	OAK8 OAK DEDHD JUNEJ
LMT	OAK8 OAK DEDHD

Super Bowl 50 - Special Traffic Management Procedures

OAK - Arrival and Departure Routes

MFR	OAK8 OAK GRTFL MACHU
MMV	OAK8 OAK GRTFL MACHU MOXEE
ONO	OAK8 OAK DEDHD JUNEJ
ONP	OAK8 OAK GRTFL MACHU
OTH	OAK8 OAK GRTFL MACHU
PDT	OAK8 OAK DEDHD JUNEJ
PDX	OAK8 OAK GRTFL MACHU MOXEE
RBG	OAK8 OAK GRTFL MACHU
RDM	OAK8 OAK DEDHD
S21	OAK8 OAK DEDHD
S33	OAK8 OAK DEDHD
S39	OAK8 OAK DEDHD
SLE	OAK8 OAK GRTFL MACHU
SPB	OAK8 OAK GRTFL MACHU MOXEE
TMK	OAK8 OAK GRTFL MACHU MOXEE
TTD	OAK8 OAK GRTFL MACHU MOXEE
UAO	OAK8 OAK GRTFL MACHU MOXEE

Departing OAK to UTAH	
DESTINATION	ROUTE
36U	OAK8 OAK ORRCA Q120 JAJAY BVL KNOLE
74V	OAK8 OAK ORRCA Q120 JAJAY BVL KNOLE
BMC	OAK8 OAK ORRCA Q120 PROXI
BTF	OAK8 OAK ORRCA Q120 JAJAY BVL
CDC	OAK8 OAK TIPRE Q126 INSLO DOTME
CNY	OAK8 OAK TIPRE Q126 INSLO DOTME
ENV	OAK8 OAK ORRCA Q120 JAJAY
FOM	OAK8 OAK TIPRE Q126 INSLO DOTME
KNB	OAK8 OAK TIPRE Q126 INSLO DOTME
LGU	OAK8 OAK ORRCA Q120 PROXI
OGD	OAK8 OAK ORRCA Q120 JAJAY BVL DEZRT
PVU	OAK8 OAK ORRCA Q120 JAJAY BVL KNOLE
SGU	OAK8 OAK TIPRE Q126 INSLO DOTME WINEN
SLC	OAK8 OAK ORRCA Q120 JAJAY BVL

Super Bowl 50 - Special Traffic Management Procedures

OAK - Arrival and Departure Routes

TVY	OAK8 OAK ORRCA Q120 JAJAY BVL KNOLE
U42	OAK8 OAK ORRCA Q120 JAJAY BVL
U55	OAK8 OAK TIPRE Q126 INSLO DOTME
U77	OAK8 OAK ORRCA Q120 JAJAY BVL KNOLE
VEL	OAK8 OAK ORRCA Q120 JAJAY BVL KNOLE

Departing OAK to WASHINGTON	
DESTINATION	ROUTE
ALW	OAK8 OAK DEDHD JUNEJ
AWO	OAK8 OAK DEDHD BTG
BFI	OAK8 OAK DEDHD BTG
BLI	OAK8 OAK DEDHD PAE
BVS	OAK8 OAK DEDHD PAE
CLM	OAK8 OAK GRTFL MACHU
CLS	OAK8 OAK DEDHD BTG
DEW	OAK8 OAK DEDHD JUNEJ
EAT	OAK8 OAK DEDHD
ELN	OAK8 OAK DEDHD
EPH	OAK8 OAK DEDHD
GEG	OAK8 OAK DEDHD JUNEJ
HQM	OAK8 OAK GRTFL MACHU
MWH	OAK8 OAK DEDHD
OLM	OAK8 OAK DEDHD BTG
PAE	OAK8 OAK DEDHD
PSC	OAK8 OAK DEDHD JUNEJ
PUW	OAK8 OAK DEDHD JUNEJ LKV
PWT	OAK8 OAK DEDHD BTG
RNT	OAK8 OAK DEDHD BTG
S52	OAK8 OAK DEDHD
SEA	OAK8 OAK DEDHD BTG
SFF	OAK8 OAK DEDHD JUNEJ
SHN	OAK8 OAK DEDHD BTG
TIW	OAK8 OAK DEDHD BTG
YKM	OAK8 OAK DEDHD

Super Bowl 50 - Special Traffic Management Procedures

OAK - Arrival and Departure Routes

Departing OAK to WYOMING	
DESTINATION	ROUTE
All Airports	OAK8 OAK ORRCA Q120 PROXI

AIRPORT INFORMATION

Airport diagrams are available on the Internet at:

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FLIGHT PLANS AND WEATHER INFORMATION

To ensure proper processing, flight plans should be filed at least 8 hours prior to departure.

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Telephone Flight Planning	1-800-WX-BRIEF

For further information, contact:

FAA Oakland ARTCC
Traffic Management Unit
5125 Central Avenue
Fremont, CA, 94536
510-745-3332

Super Bowl 50
SPECIAL TRAFFIC MANAGEMENT PROCEDURES
ARRIVAL AND DEPARTURE ROUTES

SFO

San Francisco International Airport

In anticipation of a large number of aircraft operating to and from the San Francisco Bay Area, Napa Valley, and Monterey Peninsula metropolitan airports the week of Super Bowl 50, the following procedures will be used to enhance safety and minimize air traffic delays.

SECURITY PROVISIONS

Special security provisions will be in effect for this event including (but not limited to) Temporary Flight Restrictions (TFRs), two-way communication and discrete transponder requirements. Specific procedures contained in this NOTAM may be revised and access to some airports may be restricted. Pilots are encouraged to check NOTAMs frequently to verify they have the most current information.

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Pilots should be prepared to provide documentation including personal identification, certificate number, aircraft ownership information, and a contact number.

THIS NOTAM DOES NOT SUPERSEDE RESTRICTIONS PERTAINING TO THE USE OF AIRSPACE CONTAINED IN FDC NOTAMS.

TRAFFIC MANAGEMENT

Traffic management initiatives will be utilized when arrival rates exceed airport capacity. Pilots should be prepared for potential airborne holding, reroutes, or Expect Departure Clearance Times (EDCT’s) that may be issued for all domestic IFR arrivals to the following airports:

AIRPORT	LOCATION	IDENTIFIER
San Francisco International	San Francisco, CA	SFO
Oakland International	Oakland, CA	OAK
Hayward Executive	Hayward, CA	HWD
Norman Y. Mineta San Jose International	San Jose, CA	SJC
Livermore Municipal	Livermore, CA	LVK
Buchanan Field	Concord, CA	CCR
Napa County	Napa, CA	APC
Charles M. Schultz – Sonoma County	Santa Rosa, CA	STS
Monterey Regional	Monterey, CA	MRY
Watsonville Municipal	Watsonville, CA	WVI
Salinas Municipal	Salinas, CA	SNS

Heavy demand and traffic management initiatives may be expected during the following dates/times:

DAILY	Thursday, February 4, 2016, 0600 PST (1400 UTC) through Monday, February 8, 2016, 2000 PST (0400 UTC, February 9)
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AIRFILES AND CHANGE OF DESTINATION

Traffic management initiatives for this event are designed to provide equitable airspace access. To maintain program integrity and minimize delays, no airborne IFR filing or airborne changes of destination will be allowed within 200nm of Northern California TRACON Terminal airspace, except in emergency situations. Duplicate flight plans (same time/call sign) to multiple airport destinations are subject to removal from the system.

Super Bowl 50 - Special Traffic Management Procedures

SFO - Arrival and Departure Routes

PREFERRED ROUTES

IFR aircraft arriving and departing the San Francisco Bay Area, Napa Valley, and Monterey Peninsula metropolitan airports area should file and expect to be routed via the following routes.

ARRIVAL ROUTES for TURBOJET AIRCRAFT

**Effective Sunday, February 7, 2016, 1500 PST (2300 UTC) through
Monday, February 8, 2016, 2000 PST (0400 UTC, February 9)**

Arriving SFO	
VIA	ROUTE
Eastern ZSE	MRRLO BDEGA2
Western ZSE	FINER MLBEC BDEGA2 AMAKR BDEGA2
Northern ZLC	LEGGs BDEGA2
Southern ZLC	INYOE DYAMD2
Eastern ZLA	RUSME DYAMD2
Western ZLA	STOKD SERFR SERFR2

DEPARTURE ROUTES for TURBOJET AIRCRAFT

Effective Sunday, February 7, 2016, 1700 PST (0100 UTC, February 8) through Monday, February 8, 2016, 2000 PST (0400 UTC, February 9)

Due to the expected heavy volume of departures, users must file the following routes. ATC will issue re-routes to aircraft not on these routes. In order to avoid departure delays, ATC may issue alternative departure routings.

SAN FRANCISCO INTERNATIONAL AIRPORT DEPARTURES

Departing SFO to the Rest of US, Alaska, Canada, and Mexico	
DESTINATION	ROUTE
ZMP, ZAU, ZOB, ZBW, ZNY, CZY	TRUKN2 MOGEE Q122 BEARR
EWR	TRUKN2 MOGEE Q122 BEARR HUTEP KP81G
JFK	TRUKN2 MOGEE Q122 FOD
ZDV, ZKC, ZID, ZDC, ZME, ZTL	TRUKN2 SYRAH Q128 EDLES
ZFW, ZHU, ZJX, ZMA	TRUKN2 SYRAH Q130 REANA HASSL
ZAB	SSTIK3 NTELL BLD
ALASKA	GNNRR2 AMAKR BOXER GNNRR2 AMAKR TOU
EASTERN CANADA	TRUKN2 MOGEE Q122 BEARR
CENTRAL CANADA	
CYQR, CYXE	TRUKN2 DEDHD REO
WESTERN CANADA	
CYVR, CYYJ	TRUKN2 DEDHD PAE
CYEG, CYYC	TRUKN2 DEDHD JUNEJ GEG
MEXICO	GAPP6 SFO BRINY SEGUL LIBBO YYUNG LAX

Departing SFO to ARIZONA	
DESTINATION	ROUTE
NYL	SSTIK3 LOSHN PMD PDZ
All Others	SSTIK3 NTELL BLD

Super Bowl 50 - Special Traffic Management Procedures

SFO - Arrival and Departure Routes

Departing SFO to CALIFORNIA and MEXICO	
DESTINATION	ROUTE
ACV	TRUKN2 GRTFL DALON YAGER
APV	SSTIK3 LOSHN PMD
BFL	SSTIK3 EBAYE AVE EHF
BNG	SSTIK3 LOSHN PMD
BUR	SSTIK3 CISKO FLW
CEC	TRUKN2 GRTFL DALON
CMA	GAPP6 SFO BRINY SEGUL LIBBO YYUNG GVO
CNO	SSTIK3 LOSHN PMD
CRQ	GAPP6 SFO BRINY SEGUL LIBBO YYUNG LAX
EED	SSTIK3 LOSHN PMD
F70	SSTIK3 LOSHN PMD
FOT	TRUKN2 GRTFL DALON
HHR	SSTIK3 EBAYE AVE FIM
IPL	SSTIK3 LOSHN PMD PDZ
L35	SSTIK3 LOSHN PMD
LAX	SSTIK3 EBAYE AVE
LGB	GAPP6 SFO BRINY SEGUL LIBBO YYUNG DAISY SXC
MYF	GAPP6 SFO BRINY SEGUL LIBBO YYUNG LAX
ONT	SSTIK3 LOSHN PMD
OXR	GAPP6 SFO BRINY SEGUL LIBBO YYUNG GVO
POC	SSTIK3 LOSHN PMD
PRB	SSTIK3 CISKO
PSP	SSTIK3 LOSHN PMD
PTV	SSTIK3 NTELL
RAL	SSTIK3 LOSHN PMD
RIV	SSTIK3 LOSHN PMD
RNM	GAPP6 SFO BRINY SEGUL LIBBO YYUNG LAX
SAN	GAPP6 SFO BRINY SEGUL LIBBO YYUNG LAX
SBA	GAPP6 SFO BRINY SEGUL LIBBO YYUNG GVO HABUT
SBD	SSTIK3 LOSHN PMD
SBP	GAPP6 SFO BRINY SEGUL LIBBO YYUNG MQO
SDM	GAPP6 SFO BRINY SEGUL LIBBO YYUNG LAX
SEE	GAPP6 SFO BRINY SEGUL LIBBO YYUNG LAX

Super Bowl 50 - Special Traffic Management Procedures

SFO - Arrival and Departure Routes

SMO	SSTIK3 CISKO FLW
SMX	GAPP6 SFO BRINY SEGUL LIBBO YYUNG MQO
SNA	GAPP6 SFO BRINY SEGUL LIBBO YYUNG DAISY SXC
TNP	SSTIK3 LOSHN PMD
TOA	GAPP6 SFO BRINY SEGUL LIBBO YYUNG DAISY SXC
TRK	TRUKN2 MOGEE HNW SWR
TRM	SSTIK3 LOSHN PMD
TVL	TRUKN2 MOGEE HNW SWR
UDD	SSTIK3 LOSHN PMD
VCV	SSTIK3 LOSHN PMD
VNY	SSTIK3 CISKO FLW
WJF	SSTIK3 LOSHN PMD

Departing SFO to IDAHO	
DESTINATION	ROUTE
AOC	TRUKN2 MOGEE Q122 MCORD ARAYI PARZZ
BOI	TRUKN2 DEDHD PRNCS
COE	TRUKN2 DEDHD JUNEJ
DIJ	TRUKN2 MOGEE Q122 LCU
EUL	TRUKN2 DEDHD REO
GIC	TRUKN2 DEDHD JUNEJ
IDA	TRUKN2 MOGEE Q122 LCU
JER	TRUKN2 MOGEE Q122 MCORD ARAYI PARZZ CLEIN
LWS	TRUKN2 DEDHD JUNEJ
MAN	TRUKN2 DEDHD REO
MLD	TRUKN2 MOGEE Q122 LCU
MYL	TRUKN2 DEDHD JUNEJ
PIH	TRUKN2 MOGEE Q122 LCU
SMN	TRUKN2 DEDHD REO
SUN	TRUKN2 MOGEE Q122 MCORD ARAYI PARZZ CLEIN
SZT	TRUKN2 DEDHD JUNEJ
TWF	TRUKN2 MOGEE Q122 MCORD ARAYI PARZZ
U01	TRUKN2 MOGEE Q122 LCU

Super Bowl 50 - Special Traffic Management Procedures

SFO - Arrival and Departure Routes

Departing SFO to MONTANA	
DESTINATION	ROUTE
38S	TRUKN2 DEDHD REO
3U3	TRUKN2 DEDHD REO
6S0	TRUKN2 DEDHD REO
7S6	TRUKN2 DEDHD REO
9S5	TRUKN2 DEDHD REO
BTM	TRUKN2 DEDHD REO
BZN	TRUKN2 DEDHD REO
CII	TRUKN2 DEDHD REO
CTB	TRUKN2 DEDHD REO
DLN	TRUKN2 DEDHD REO
EKS	TRUKN2 DEDHD REO
GPI	TRUKN2 DEDHD REO
GTF	TRUKN2 DEDHD REO
HLN	TRUKN2 DEDHD REO
HVR	TRUKN2 DEDHD REO
LVM	TRUKN2 DEDHD REO
LWT	TRUKN2 DEDHD REO
MSO	TRUKN2 DEDHD REO
S59	TRUKN2 DEDHD REO
SBX	TRUKN2 DEDHD REO
WYS	TRUKN2 DEDHD REO
07MT	TRUKN2 MOGEE Q122 BEARR
6S8	TRUKN2 MOGEE Q122 BEARR
BHK	TRUKN2 MOGEE Q122 BEARR
BIL	TRUKN2 MOGEE Q122 BEARR
GDV	TRUKN2 MOGEE Q122 BEARR
GGW	TRUKN2 MOGEE Q122 BEARR
M46	TRUKN2 MOGEE Q122 BEARR
MLS	TRUKN2 MOGEE Q122 BEARR
OLF	TRUKN2 MOGEE Q122 BEARR
RPX	TRUKN2 MOGEE Q122 BEARR
SDY	TRUKN2 MOGEE Q122 BEARR

Super Bowl 50 - Special Traffic Management Procedures

SFO - Arrival and Departure Routes

Departing SFO to NEVADA	
DESTINATION	ROUTE
06U	TRUKN2 MOGEE Q122 MCORD ARAYI
BVU	SSTIK3 LOSHN PMD DAG
CXP	TRUKN2 MOGEE HNW SWR
EKO	TRUKN2 MOGEE Q122 MCORD
ELY	TRUKN2 SYRAH Q128 JSICA
HND	SSTIK3 LOSHN PMD DAG
LAS	SSTIK3 NTELL BTY
LWL	TRUKN2 MOGEE Q122 MCORD
MEV	TRUKN2 MOGEE HNW SWR
RNO	TRUKN2 ORRCA
RTS	TRUKN2 MOGEE HNW SWR
VGT	SSTIK3 NTELL BTY
WMC	TRUKN2 MOGEE Q122 MCORD

Departing SFO to OREGON	
DESTINATION	ROUTE
26U	TRUKN2 DEDHD
3S4	TRUKN2 GRTFL DALON
62S	TRUKN2 DEDHD
AST	TRUKN2 GRTFL MACHU
BDN	TRUKN2 DEDHD
BKE	TRUKN2 DEDHD JUNEJ
BNO	TRUKN2 DEDHD JUNEJ
CVO	TRUKN2 GRTFL MACHU
DLS	TRUKN2 DEDHD
EUG	TRUKN2 GRTFL MACHU
GCD	TRUKN2 DEDHD JUNEJ
HIO	TRUKN2 GRTFL MACHU MOXEE
JSY	TRUKN2 DEDHD JUNEJ
LGD	TRUKN2 DEDHD JUNEJ
LKV	TRUKN2 DEDHD JUNEJ
LMT	TRUKN2 DEDHD

Super Bowl 50 - Special Traffic Management Procedures

SFO - Arrival and Departure Routes

MFR	TRUKN2 GRTFL MACHU
MMV	TRUKN2 GRTFL MACHU MOXEE
ONO	TRUKN2 DEDHD JUNEJ
ONP	TRUKN2 GRTFL MACHU
OTH	TRUKN2 GRTFL MACHU
PDT	TRUKN2 DEDHD JUNEJ
PDX	TRUKN2 GRTFL MACHU MOXEE
RBG	TRUKN2 GRTFL MACHU
RDM	TRUKN2 DEDHD
S21	TRUKN2 DEDHD
S33	TRUKN2 DEDHD
S39	TRUKN2 DEDHD
SLE	TRUKN2 GRTFL MACHU
SPB	TRUKN2 GRTFL MACHU MOXEE
TMK	TRUKN2 GRTFL MACHU MOXEE
TTD	TRUKN2 GRTFL MACHU MOXEE
UAO	TRUKN2 GRTFL MACHU MOXEE

Departing SFO to UTAH	
DESTINATION	ROUTE
36U	TRUKN2 MOGEE Q124 BVL KNOLE
74V	TRUKN2 MOGEE Q124 BVL KNOLE
BMC	TRUKN2 MOGEE Q122 BEARR
BTF	TRUKN2 MOGEE Q124 BVL
CDC	TRUKN2 SYRAH Q130 REANA
CNY	TRUKN2 SYRAH Q128 JSICA
ENV	TRUKN2 MOGEE Q124 BVL
FOM	TRUKN2 SYRAH Q128 JSICA
KNB	TRUKN2 SYRAH Q130 REANA
LGU	TRUKN2 MOGEE Q122 BEARR
OGD	TRUKN2 MOGEE Q124 BVL DEZRT
PVU	TRUKN2 MOGEE Q124 BVL KNOLE
SGU	TRUKN2 SYRAH Q130 REANA WINEN
SLC	TRUKN2 MOGEE Q124 BVL

Super Bowl 50 - Special Traffic Management Procedures

SFO - Arrival and Departure Routes

TVY	TRUKN2 MOGEE Q124 BVL KNOLE
U42	TRUKN2 MOGEE Q124 BVL
U55	TRUKN2 SYRAH Q130 REANA
U77	TRUKN2 MOGEE Q124 BVL KNOLE
VEL	TRUKN2 MOGEE Q124 BVL KNOLE

Departing SFO to WASHINGTON	
DESTINATION	ROUTE
ALW	TRUKN2 DEDHD JUNEJ
AWO	TRUKN2 DEDHD BTG
BFI	TRUKN2 DEDHD BTG
BLI	TRUKN2 DEDHD PAE
BVS	TRUKN2 DEDHD PAE
CLM	TRUKN2 GRTFL
CLS	TRUKN2 DEDHD BTG
DEW	TRUKN2 DEDHD JUNEJ
EAT	TRUKN2 DEDHD
ELN	TRUKN2 DEDHD
EPH	TRUKN2 DEDHD
GEG	TRUKN2 DEDHD JUNEJ
HQM	TRUKN2 GRTFL OED
MWH	TRUKN2 DEDHD
OLM	TRUKN2 DEDHD BTG
PAE	TRUKN2 DEDHD
PSC	TRUKN2 DEDHD JUNEJ
PUW	TRUKN2 DEDHD JUNEJ LKV
PWT	TRUKN2 DEDHD BTG
RNT	TRUKN2 DEDHD BTG
S52	TRUKN2 DEDHD
SEA	TRUKN2 DEDHD BTG
SFF	TRUKN2 DEDHD JUNEJ
SHN	TRUKN2 DEDHD BTG
TIW	TRUKN2 DEDHD BTG
YKM	TRUKN2 DEDHD

Super Bowl 50 - Special Traffic Management Procedures

SFO - Arrival and Departure Routes

Departing SFO to WYOMING	
DESTINATION	ROUTE
All Airports	TRUKN2 MOGEE Q122 BEARR

AIRPORT INFORMATION

Airport diagrams are available on the Internet at:

http://www.faa.gov/air_traffic/flight_info/aeronav/

Practice approaches and touch-and-go/pilot training operations at San Francisco Bay Area, Napa Valley, and Monterey Peninsula metropolitan airports may be limited or suspended from February 3, 2016 through February 8, 2016 due to the high volume of traffic associated with Super Bowl 50.

FLIGHT PLANS AND WEATHER INFORMATION

To ensure proper processing, flight plans should be filed at least 8 hours prior to departure.

Lockheed Martin Automated Flight Service Station	
Telephone Flight Planning	1-800-WX-BRIEF

For further information, contact:

FAA Oakland ARTCC
Traffic Management Unit
5125 Central Avenue
Fremont, CA, 94536
510-745-3332

Super Bowl 50
SPECIAL TRAFFIC MANAGEMENT PROCEDURES
ARRIVAL AND DEPARTURE ROUTES

SJC

Norman Y. Mineta - San Jose International Airport

In anticipation of a large number of aircraft operating to and from the San Francisco Bay Area, Napa Valley, and Monterey Peninsula metropolitan airports the week of Super Bowl 50, the following procedures will be used to enhance safety and minimize air traffic delays.

SECURITY PROVISIONS

Special security provisions will be in effect for this event including (but not limited to) Temporary Flight Restrictions (TFRs), two-way communication and discrete transponder requirements. Specific procedures contained in this NOTAM may be revised and access to some airports may be restricted. Pilots are encouraged to check NOTAMs frequently to verify they have the most current information.

TFR information is normally disseminated via FDC NOTAM 3 to 5 days prior to the event. Once published, text and graphic depictions of restrictions may be found on the following web site:

<http://tfr.faa.gov/tfr2/list.html>

Pilots should be prepared to provide documentation including personal identification, certificate number, aircraft ownership information, and a contact number.

THIS NOTAM DOES NOT SUPERSEDE RESTRICTIONS PERTAINING TO THE USE OF AIRSPACE CONTAINED IN FDC NOTAMS.

TRAFFIC MANAGEMENT

Traffic management initiatives will be utilized when arrival rates exceed airport capacity. Pilots should be prepared for potential airborne holding, reroutes, or Expect Departure Clearance Times (EDCT’s) that may be issued for all domestic IFR arrivals to the following airports:

AIRPORT	LOCATION	IDENTIFIER
San Francisco International	San Francisco, CA	SFO
Oakland International	Oakland, CA	OAK
Hayward Executive	Hayward, CA	HWD
Norman Y. Mineta San Jose International	San Jose, CA	SJC
Livermore Municipal	Livermore, CA	LVK
Buchanan Field	Concord, CA	CCR
Napa County	Napa, CA	APC
Charles M. Schultz – Sonoma County	Santa Rosa, CA	STS
Monterey Regional	Monterey, CA	MRY
Watsonville Municipal	Watsonville, CA	WVI
Salinas Municipal	Salinas, CA	SNS

Heavy demand and traffic management initiatives may be expected during the following dates/times:

DAILY	Thursday, February 4, 2016, 0600 PST (1400 UTC) through Monday, February 8, 2016, 2000 PST (0400 UTC, February 9)
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AIRFILES AND CHANGE OF DESTINATION

Traffic management initiatives for this event are designed to provide equitable airspace access. To maintain program integrity and minimize delays, no airborne IFR filing or airborne changes of destination will be allowed within 200nm of Northern California TRACON Terminal airspace, except in emergency situations. Duplicate flight plans (same time/call sign) to multiple airport destinations are subject to removal from the system.

Super Bowl 50 - Special Traffic Management Procedures

SJC - Arrival and Departure Routes

PREFERRED ROUTES

IFR aircraft arriving and departing the San Francisco Bay Area, Napa Valley, and Monterey Peninsula metropolitan airports area should file and expect to be routed via the following routes.

ARRIVAL ROUTES for TURBOJET AIRCRAFT

**Effective Sunday, February 7, 2016, 1500 PST (2300 UTC) through
Monday, February 8, 2016, 2000 PST (0400 UTC, February 9)**

Arriving SJC	
VIA	ROUTE
Eastern ZSE	RBL BGGLO CORKK BRIXX1
Western ZSE	FINER BGGLO CORKK BRIXX1
Northern ZLC	MVA GYLET RAZRR3
Southern ZLC	KNGRY RAZRR3
Eastern ZLA	RUSME RAZRR3
Western ZLA	SCTRR TROXX SILCN3

DEPARTURE ROUTES for TURBOJET AIRCRAFT

Effective Sunday, February 7, 2016, 1700 PST (0100 UTC, February 8) through Monday, February 8, 2016, 2000 PST (0400 UTC, February 9)

Due to the expected heavy volume of departures, users must file the following routes. ATC will issue re-routes to aircraft not on these routes. In order to avoid departure delays, ATC may issue alternative departure routings.

MINETA SAN JOSE INTERNATIONAL AIRPORT DEPARTURES

Departing SJC to the Rest of US, Alaska, Canada, and Mexico	
DESTINATION	ROUTE
ZMP, ZAU, ZOB, ZBW, ZNY, CZY	LOUPE3 BMRNG GALTS HZN TCH
EWR	LOUPE3 BMRNG GALTS HZN TCH KP81G
JFK	LOUPE3 BMRNG GALTS HZN TCH FOD
ZDV, ZKC, ZID, ZDC, ZME, ZTL	LOUPE3 BMRNG GALTS FFU CHE
ZFW, ZHU, ZJX, ZMA, ZAB	TECKY2 EBAYE PMD
ALASKA	LOUPE3 BMRNG HRNER MACHU
EASTERN CANADA	LOUPE3 BMRNG GALTS HZN TCH
CENTRAL CANADA	
CYQR, CYXE	LOUPE3 BMRNG HRNER GAAAS REO
WESTERN CANADA	
CYVR, CYYJ	LOUPE3 BMRNG HRNER PAE
CYEG, CYYC	LOUPE3 BMRNG HRNER JUNEJ GEG
MEXICO	TECKY2 EBAYE AVE LAX

Departing SJC to ARIZONA	
DESTINATION	ROUTE
NYL	TECKY2 EBAYE PDZ
All Others	TECKY2 EBAYE PMD

Super Bowl 50 - Special Traffic Management Procedures

SJC - Arrival and Departure Routes

Departing SJC to CALIFORNIA	
DESTINATION	ROUTE
ACV	LOUPE3 GRTFL DALON YAGER
APV	TECKY2 EBAYE PMD
BFL	TECKY2 EBAYE AVE EHF
BNG	TECKY2 EBAYE PMD
BUR	TECKY2 EBAYE AVE
CEC	LOUPE3 GRTFL DALON
CMA	TECKY2 EBAYE AVE FIM
CNO	TECKY2 EBAYE PMD
CRQ	TECKY2 EBAYE AVE LAX
EED	TECKY2 EBAYE PMD
F70	TECKY2 EBAYE PMD
FOT	LOUPE3 GRTFL DALON
HHR	TECKY2 EBAYE AVE FIM
IPL	TECKY2 EBAYE PDZ
L35	TECKY2 EBAYE PMD
LAX	TECKY2 EBAYE AVE
LGB	TECKY2 EBAYE AVE FIM
MYF	TECKY2 EBAYE AVE LAX
ONT	TECKY2 EBAYE PMD
OXR	TECKY2 EBAYE AVE FIM
POC	TECKY2 EBAYE PMD
PRB	TECKY2 EBAYE
PSP	TECKY2 EBAYE PMD
PTV	TECKY2 TECKY NTELL
RAL	TECKY2 EBAYE PMD
RIV	TECKY2 EBAYE PMD
RNM	TECKY2 EBAYE AVE LAX
SAN	TECKY2 EBAYE AVE LAX
SBA	TECKY2 EBAYE AVE GVO HABUT
SBD	TECKY2 EBAYE PMD
SBP	TECKY2 EBAYE AVE MQO
SDM	TECKY2 EBAYE AVE LAX
SEE	TECKY2 EBAYE AVE LAX

Super Bowl 50 - Special Traffic Management Procedures

SJC - Arrival and Departure Routes

SMO	TECKY2 EBAYE AVE
SMX	TECKY2 EBAYE AVE MQO
SNA	TECKY2 EBAYE AVE FIM
TNP	TECKY2 EBAYE PMD
TOA	TECKY2 EBAYE AVE FIM
TRK	LOUPE3 ORRCA HNW SWR
TRM	TECKY2 EBAYE PMD
TVL	LOUPE3 BMRNG HNW SWR
UDD	TECKY2 EBAYE PMD
VCV	TECKY2 EBAYE PMD
VNY	TECKY2 EBAYE AVE
WJF	TECKY2 EBAYE

Departing SJC to IDAHO	
DESTINATION	ROUTE
All Airports	LOUPE3 BMRNG HRNER GAAAS REO

Departing SJC to MONTANA	
DESTINATION	ROUTE
All Airports	LOUPE3 BMRNG HRNER GAAAS REO

Departing SJC to NEVADA	
DESTINATION	ROUTE
06U	LOUPE3 BMRNG GALTS HZN
BVU	TECKY2 EBAYE PMD DAG
CXP	LOUPE3 BMRNG HNW SWR
EKO	LOUPE3 BMRNG GALTS HZN
ELY	LOUPE3 BMRNG GALTS ELY
HND	TECKY2 EBAYE PMD DAG
LAS	TECKY2 TECKY NTELL BTY
LWL	LOUPE3 HRNER GAAAS HEIRS
MEV	LOUPE3 BMRNG HNW SWR

Super Bowl 50 - Special Traffic Management Procedures

SJC - Arrival and Departure Routes

RNO	LOUPE3 BMRNG SAC
RTS	LOUPE3 BMRNG HNW SWR
VGT	TECKY2 TECKY NTELL BTY
WMC	LOUPE3 HRNER GAAAS

Departing SJC to OREGON	
DESTINATION	ROUTE
26U	LOUPE3 BMRNG HRNER GAAAS
3S4	LOUPE3 BMRNG HRNER DALON
62S	LOUPE3 BMRNG HRNER
AST	LOUPE3 BMRNG HRNER MACHU
BDN	LOUPE3 BMRNG HRNER
BKE	LOUPE3 BMRNG HRNER JUNEJ
BNO	LOUPE3 BMRNG HRNER JUNEJ
CVO	LOUPE3 BMRNG HRNER MACHU
DLS	LOUPE3 BMRNG HRNER
EUG	LOUPE3 BMRNG HRNER MACHU
GCD	LOUPE3 BMRNG HRNER JUNEJ
HIO	LOUPE3 BMRNG HRNER MACHU MOXEE
JSY	LOUPE3 BMRNG HRNER JUNEJ
LGD	LOUPE3 BMRNG HRNER JUNEJ
LKV	LOUPE3 BMRNG HRNER JUNEJ
LMT	LOUPE3 BMRNG HRNER
MFR	LOUPE3 BMRNG HRNER MACHU
MMV	LOUPE3 BMRNG HRNER MACHU MOXEE
ONO	LOUPE3 BMRNG HRNER JUNEJ
ONP	LOUPE3 BMRNG HRNER MACHU
OTH	LOUPE3 BMRNG HRNER MACHU
PDT	LOUPE3 BMRNG HRNER JUNEJ
PDX	LOUPE3 BMRNG HRNER MACHU MOXEE
RBG	LOUPE3 BMRNG HRNER MACHU
RDM	LOUPE3 BMRNG HRNER
S21	LOUPE3 BMRNG HRNER
S33	LOUPE3 BMRNG HRNER

Super Bowl 50 - Special Traffic Management Procedures

SJC - Arrival and Departure Routes

S39	LOUPE3 BMRNG HRNER
SLE	LOUPE3 BMRNG HRNER MACHU
SPB	LOUPE3 BMRNG HRNER MACHU MOXEE
TMK	LOUPE3 BMRNG HRNER MACHU MOXEE
TTD	LOUPE3 BMRNG HRNER MACHU MOXEE
UAO	LOUPE3 BMRNG HRNER MACHU MOXEE

Departing SJC to UTAH	
DESTINATION	ROUTE
36U	LOUPE3 BMRNG GALTS HZN SPRUZ KNOLE
74V	LOUPE3 BMRNG GALTS HZN TCH
BMC	LOUPE3 BMRNG GALTS HZN SPRUZ DEZRT
BTF	LOUPE3 BMRNG GALTS HZN SPRUZ BVL
CDC	LOUPE3 BMRNG GALTS SLADE DOTME WINEN
CNY	LOUPE3 BMRNG GALTS FFU
ENV	LOUPE3 BMRNG GALTS HZN SPRUZ
FOM	LOUPE3 BMRNG GALTS SLADE
KNB	LOUPE3 BMRNG GALTS SLADE DOTME WINEN
LGU	LOUPE3 BMRNG GALTS HZN SPRUZ DEZRT
OGD	LOUPE3 BMRNG GALTS HZN SPRUZ DEZRT
PVU	LOUPE3 BMRNG GALTS HZN SPRUZ KNOLE
SGU	LOUPE3 BMRNG GALTS SLADE DOTME WINEN
SLC	LOUPE3 BMRNG GALTS HZN SPRUZ BVL
TVY	LOUPE3 BMRNG GALTS HZN SPRUZ KNOLE
U42	LOUPE3 BMRNG GALTS HZN SPRUZ DEZRT
U55	LOUPE3 BMRNG GALTS SLADE DOTME
U77	LOUPE3 BMRNG GALTS HZN SPRUZ KNOLE
VEL	LOUPE3 BMRNG GALTS HZN TCH

Super Bowl 50 - Special Traffic Management Procedures

SJC - Arrival and Departure Routes

Departing SJC to WASHINGTON	
DESTINATION	ROUTE
ALW	LOUPE3 BMRNG HRNER JUNEJ
AWO	LOUPE3 BMRNG HRNER BTG
BFI	LOUPE3 BMRNG HRNER BTG
BLI	LOUPE3 BMRNG HRNER PAE
BVS	LOUPE3 BMRNG HRNER PAE
CLM	LOUPE3 BMRNG HRNER MACHU
CLS	LOUPE3 BMRNG HRNER BTG
DEW	LOUPE3 BMRNG HRNER JUNEJ
EAT	LOUPE3 BMRNG HRNER
ELN	LOUPE3 BMRNG HRNER
EPH	LOUPE3 BMRNG HRNER
GEG	LOUPE3 BMRNG HRNER JUNEJ
HQM	LOUPE3 BMRNG HRNER MACHU
MWH	LOUPE3 BMRNG HRNER
OLM	LOUPE3 BMRNG HRNER BTG
PAE	LOUPE3 BMRNG HRNER
PSC	LOUPE3 BMRNG HRNER JUNEJ
PUW	LOUPE3 BMRNG HRNER JUNEJ LKV
PWT	LOUPE3 BMRNG HRNER BTG
RNT	LOUPE3 BMRNG HRNER BTG
S52	LOUPE3 BMRNG HRNER
SEA	LOUPE3 BMRNG HRNER BTG
SFF	LOUPE3 BMRNG HRNER JUNEJ
SHN	LOUPE3 BMRNG HRNER BTG
TIW	LOUPE3 BMRNG HRNER BTG
YKM	LOUPE3 BMRNG HRNER

Departing SJC to WYOMING	
DESTINATION	ROUTE
All Airports	LOUPE3 BMRNG GALTS HZN TCH

AIRPORT INFORMATION

Airport diagrams are available on the Internet at:

http://www.faa.gov/air_traffic/flight_info/aeronav/

Practice approaches and touch-and-go/pilot training operations at San Francisco Bay Area, Napa Valley, and Monterey Peninsula metropolitan airports may be limited or suspended from February 3, 2016 through February 8, 2016 due to the high volume of traffic associated with Super Bowl 50.

FLIGHT PLANS AND WEATHER INFORMATION

To ensure proper processing, flight plans should be filed at least 8 hours prior to departure.

Lockheed Martin Automated Flight Service Station	
Telephone Flight Planning	1-800-WX-BRIEF

For further information, contact:

FAA Oakland ARTCC
Traffic Management Unit
5125 Central Avenue
Fremont, CA, 94536
510-745-3332

Super Bowl 50
SPECIAL TRAFFIC MANAGEMENT PROCEDURES
ARRIVAL AND DEPARTURE ROUTES

STS

Charles M. Schultz – Sonoma County Airport

In anticipation of a large number of aircraft operating to and from the San Francisco Bay Area, Napa Valley, and Monterey Peninsula metropolitan airports the week of Super Bowl 50, the following procedures will be used to enhance safety and minimize air traffic delays.

SECURITY PROVISIONS

Special security provisions will be in effect for this event including (but not limited to) Temporary Flight Restrictions (TFRs), two-way communication and discrete transponder requirements. Specific procedures contained in this NOTAM may be revised and access to some airports may be restricted. Pilots are encouraged to check NOTAMs frequently to verify they have the most current information.

TFR information is normally disseminated via FDC NOTAM 3 to 5 days prior to the event. Once published, text and graphic depictions of restrictions may be found on the following web site:

<http://tfr.faa.gov/tfr2/list.html>

Pilots should be prepared to provide documentation including personal identification, certificate number, aircraft ownership information, and a contact number.

THIS NOTAM DOES NOT SUPERSEDE RESTRICTIONS PERTAINING TO THE USE OF AIRSPACE CONTAINED IN FDC NOTAMS.

TRAFFIC MANAGEMENT

Traffic management initiatives will be utilized when arrival rates exceed airport capacity. Pilots should be prepared for potential airborne holding, reroutes, or Expect Departure Clearance Times (EDCT’s) that may be issued for all domestic IFR arrivals to the following airports:

AIRPORT	LOCATION	IDENTIFIER
San Francisco International	San Francisco, CA	SFO
Oakland International	Oakland, CA	OAK
Hayward Executive	Hayward, CA	HWD
Norman Y. Mineta San Jose International	San Jose, CA	SJC
Livermore Municipal	Livermore, CA	LVK
Buchanan Field	Concord, CA	CCR
Napa County	Napa, CA	APC
Charles M. Schultz – Sonoma County	Santa Rosa, CA	STS
Monterey Regional	Monterey, CA	MRY
Watsonville Municipal	Watsonville, CA	WVI
Salinas Municipal	Salinas, CA	SNS

Heavy demand and traffic management initiatives may be expected during the following dates/times:

DAILY	Thursday, February 4, 2016, 0600 PST (1400 UTC) through Monday, February 8, 2016, 2000 PST (0400 UTC, February 9)
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AIRFILES AND CHANGE OF DESTINATION

Traffic management initiatives for this event are designed to provide equitable airspace access. To maintain program integrity and minimize delays, no airborne IFR filing or airborne changes of destination will be allowed within 200nm of Northern California TRACON Terminal airspace, except in emergency situations. Duplicate flight plans (same time/call sign) to multiple airport destinations are subject to removal from the system.

Super Bowl 50 - Special Traffic Management Procedures

STS - Arrival and Departure Routes

PREFERRED ROUTES

IFR aircraft arriving and departing the San Francisco Bay Area, Napa Valley, and Monterey Peninsula metropolitan airports area should file and expect to be routed via the following routes.

ARRIVAL ROUTES for TURBOJET AIRCRAFT

**Effective Thursday, February 4, 2016, 0600 PST (1400 UTC) through
Monday, February 8, 2016, 2000 PST (0400 UTC, February 9)**

Arriving STS	
VIA	ROUTE
ZSE	LOZWU direct
Northern ZLC	LLC RANGO direct
Southern ZLC	TIOGA MOD OAK SAU direct
ZLA	AVE PXN OAK SAU direct

DEPARTURE ROUTES for TURBOJET AIRCRAFT

Effective Sunday, February 7, 2016, 1700 PST (0100 UTC, February 8) through Monday, February 8, 2016, 2000 PST (0400 UTC, February 9)

Due to the expected heavy volume of departures, users must file the following routes. ATC will issue re-routes to aircraft not on these routes. In order to avoid departure delays, ATC may issue alternative departure routings.

CHARLES M SCHULTZ SONOMA COUNTY AIRPORT DEPARTURES

Departing STS to the Rest of US, Alaska, Canada, and Mexico	
DESTINATION	ROUTE
ZMP, ZAU, ZOB, ZBW, ZNY, CZY	CHRLY4 STS MXW GASSI CLEIN
EWR	CHRLY4 STS MXW GASSI CLEIN KP81G
JFK	CHRLY4 STS MXW GASSI CLEIN FOD
ZDV, ZKC, ZID, ZDC, ZME, ZTL	CHRLY4 STS MXW GASSI CLEIN
ZFW, ZHU, ZJX, ZMA, ZAB	CHRLY4 STS ALCAT OAK NLC SWOOP PRFUM
ALASKA	CHRLY4 STS ENI OOLEY
EASTERN CANADA	CHRLY4 STS MXW GASSI CLEIN
CENTRAL CANADA	
CYQR, CYXE	CHRLY4 STS MXW REO
WESTERN CANADA	
CYVR, CYYJ	CHRLY4 STS ENI OOLEY FINER GALLO PAE
CYEG, CYYC	CHRLY4 STS JUNEJ GEG
MEXICO	CHRLY4 STS PYE FARRA TPCAT LIBBO YYUNG LAX

Departing STS to ARIZONA	
DESTINATION	ROUTE
NYL	CHRLY4 STS ALCAT OAK AVE PDZ
All Others	CHRLY4 STS ALCAT OAK NLC SWOOP PRFUM

Super Bowl 50 - Special Traffic Management Procedures

STS - Arrival and Departure Routes

Departing STS to CALIFORNIA	
DESTINATION	ROUTE
ACV	CHRLY4 STS YAGER
APV	CHRLY4 STS ALCAT OAK AVE PMD
BFL	CHRLY4 STS ALCAT OAK WINDY EHF
BNG	CHRLY4 STS ALCAT OAK AVE PMD
BUR	CHRLY4 STS ALCAT OAK AVE
CEC	CHRLY4 STS
CMA	CHRLY4 STS ALCAT OAK AVE FIM
CNO	CHRLY4 STS ALCAT OAK AVE PMD
CRQ	CHRLY4 STS PYE FARRA TPCAT LIBBO YYUNG LAX
EED	CHRLY4 STS ALCAT OAK AVE PMD
F70	CHRLY4 STS ALCAT OAK AVE PMD
FOT	CHRLY4 STS
HHR	CHRLY4 STS ALCAT OAK AVE
IPL	CHRLY4 STS ALCAT OAK AVE PDZ
L35	CHRLY4 STS ALCAT OAK AVE PMD
LAX	CHRLY4 STS ALCAT OAK AVE
LGB	CHRLY4 STS PYE FARRA TPCAT LIBBO YYUNG DAISY SXC
MYF	CHRLY4 STS PYE FARRA TPCAT LIBBO YYUNG LAX
ONT	CHRLY4 STS ALCAT OAK AVE PMD
OXR	CHRLY4 STS ALCAT OAK AVE FIM
POC	CHRLY4 STS ALCAT OAK AVE PMD
PRB	CHRLY4 STS ALCAT OAK
PSP	CHRLY4 STS ALCAT OAK AVE PMD
PTV	CHRLY4 STS ALCAT OAK WINDY MENDO
RAL	CHRLY4 STS ALCAT OAK AVE PMD
RIV	CHRLY4 STS ALCAT OAK AVE PMD
RNM	CHRLY4 STS PYE FARRA TPCAT LIBBO YYUNG LAX
SAN	CHRLY4 STS PYE FARRA TPCAT LIBBO YYUNG LAX
SBA	CHRLY4 STS ALCAT OAK AVE GVO HABUT
SBD	CHRLY4 STS ALCAT OAK AVE PMD
SBP	CHRLY4 STS ALCAT OAK AVE MQO
SDM	CHRLY4 STS PYE FARRA TPCAT LIBBO YYUNG LAX
SEE	CHRLY4 STS PYE FARRA TPCAT LIBBO YYUNG LAX

Super Bowl 50 - Special Traffic Management Procedures

STS - Arrival and Departure Routes

SMO	CHRLY4 STS ALCAT OAK AVE
SMX	CHRLY4 STS ALCAT OAK AVE MQO
SNA	CHRLY4 STS PYE FARRA TPCAT LIBBO YYUNG DAISY SXC
TNP	CHRLY4 STS ALCAT OAK AVE PMD
TOA	CHRLY4 STS PYE FARRA TPCAT LIBBO YYUNG DAISY SXC
TRK	CHRLY4 STS MXW SWR
TRM	CHRLY4 STS ALCAT OAK AVE PMD
TVL	CHRLY4 STS MXW SWR
UDD	CHRLY4 STS ALCAT OAK AVE PMD
VCV	CHRLY4 STS ALCAT OAK AVE PMD
VNY	CHRLY4 STS ALCAT OAK AVE
WJF	CHRLY4 STS ALCAT OAK AVE

Departing STS to IDAHO	
DESTINATION	ROUTE
BOI	CHRLY4 STS MXW PRNCS
COE	CHRLY4 STS MXW REO
EUL	CHRLY4 STS MXW REO
GIC	CHRLY4 STS MXW REO
LWS	CHRLY4 STS MXW REO
MAN	CHRLY4 STS MXW REO
MYL	CHRLY4 STS MXW REO
SMN	CHRLY4 STS MXW REO
SZT	CHRLY4 STS MXW REO
All Others	CHRLY4 STS MXW GASSI CLEIN

Departing STS to MONTANA	
DESTINATION	ROUTE
All Airports	CHRLY4 STS MXW REO

Super Bowl 50 - Special Traffic Management Procedures

STS - Arrival and Departure Routes

Departing STS to NEVADA	
DESTINATION	ROUTE
06U	CHRLY4 STS MXW GASSI CLEIN
BVU	CHRLY4 STS ALCAT OAK AVE PMD DAG
CXP	CHRLY4 STS MXW SWR
EKO	CHRLY4 STS MXW GASSI INA
ELY	CHRLY4 STS MXW GASSI INA
HND	CHRLY4 STS ALCAT OAK AVE PMD DAG
LAS	CHRLY4 STS ALCAT OAK WINDY CZQ BTY
LWL	CHRLY4 STS MXW GASSI INA
MEV	CHRLY4 STS MXW SWR
RNO	CHRLY4 STS MXW SWR
RTS	CHRLY4 STS MXW SWR
VGT	CHRLY4 STS ALCAT OAK WINDY CZQ BTY
WMC	CHRLY4 STS MXW GASSI

Departing STS to OREGON	
DESTINATION	ROUTE
26U	CHRLY4 STS JUNEJ
3S4	CHRLY4 STS
62S	CHRLY4 STS JUNEJ
AST	CHRLY4 STS ENI OOLEY
BDN	CHRLY4 STS RBL
BKE	CHRLY4 STS JUNEJ
BNO	CHRLY4 STS JUNEJ
CVO	CHRLY4 STS ENI OOLEY
DLS	CHRLY4 STS RBL
EUG	CHRLY4 STS ENI OOLEY
GCD	CHRLY4 STS JUNEJ
HIO	CHRLY4 STS ENI OOLEY MOXEE
JSY	CHRLY4 STS JUNEJ
LGD	CHRLY4 STS JUNEJ
LKV	CHRLY4 STS JUNEJ
LMT	CHRLY4 STS RBL

Super Bowl 50 - Special Traffic Management Procedures

STS - Arrival and Departure Routes

MFR	CHRLY4 STS ENI OOLEY
MMV	CHRLY4 STS ENI OOLEY MOXEE
ONO	CHRLY4 STS JUNEJ
ONP	CHRLY4 STS ENI OOLEY
OTH	CHRLY4 STS ENI OOLEY
PDT	CHRLY4 STS JUNEJ
PDX	CHRLY4 STS ENI OOLEY MOXEE
RBG	CHRLY4 STS ENI OOLEY
RDM	CHRLY4 STS RBL
S21	CHRLY4 STS RBL
S33	CHRLY4 STS RBL
S39	CHRLY4 STS JUNEJ
SLE	CHRLY4 STS ENI OOLEY
SPB	CHRLY4 STS ENI OOLEY MOXEE
TMK	CHRLY4 STS ENI OOLEY MOXEE
TTD	CHRLY4 STS ENI OOLEY MOXEE
UAO	CHRLY4 STS ENI OOLEY MOXEE

Departing STS to UTAH	
DESTINATION	ROUTE
36U	CHRLY4 STS MXW GASSI INA KNOLE
74V	CHRLY4 STS MXW GASSI CLEIN
BMC	CHRLY4 STS MXW GASSI INA BVL DEZRT
BTF	CHRLY4 STS MXW GASSI INA BVL
CDC	CHRLY4 STS MXW GASSI INA WINEN
CNY	CHRLY4 STS MXW GASSI INA
ENV	CHRLY4 STS MXW GASSI INA
FOM	CHRLY4 STS MXW GASSI INA
KNB	CHRLY4 STS MXW GASSI INA WINEN
LGU	CHRLY4 STS MXW GASSI INA BVL DEZRT
OGD	CHRLY4 STS MXW GASSI INA BVL DEZRT
PVU	CHRLY4 STS MXW GASSI INA KNOLE
SGU	CHRLY4 STS MXW GASSI INA WINEN
SLC	CHRLY4 STS MXW GASSI INA BVL

Super Bowl 50 - Special Traffic Management Procedures

STS - Arrival and Departure Routes

TVY	CHRLY4 STS MXW GASSI INA KNOLE
U42	CHRLY4 STS MXW GASSI INA BVL DEZRT
U55	CHRLY4 STS MXW GASSI INA
U77	CHRLY4 STS MXW GASSI INA KNOLE
VEL	CHRLY4 STS MXW GASSI CLEIN

Departing STS to WASHINGTON	
DESTINATION	ROUTE
ALW	CHRLY4 STS JUNEJ
AWO	CHRLY4 STS ENI OOLEY FINER GALLO BTG
BFI	CHRLY4 STS ENI OOLEY FINER GALLO BTG
BLI	CHRLY4 STS ENI OOLEY FINER GALLO PAE
BVS	CHRLY4 STS ENI OOLEY FINER GALLO PAE
CLM	CHRLY4 STS ENI OOLEY
CLS	CHRLY4 STS ENI OOLEY FINER GALLO BTG
DEW	CHRLY4 STS JUNEJ
EAT	CHRLY4 STS MXW
ELN	CHRLY4 STS MXW
EPH	CHRLY4 STS MXW
GEG	CHRLY4 STS JUNEJ
HQM	CHRLY4 STS ENI OOLEY
MWH	CHRLY4 STS MXW
OLM	CHRLY4 STS ENI OOLEY FINER GALLO BTG
PAE	CHRLY4 STS ENI OOLEY
PSC	CHRLY4 STS JUNEJ
PUW	CHRLY4 STS JUNEJ LKV
PWT	CHRLY4 STS ENI OOLEY FINER GALLO BTG
RNT	CHRLY4 STS ENI OOLEY FINER GALLO BTG
S52	CHRLY4 STS MXW
SEA	CHRLY4 STS ENI OOLEY FINER GALLO BTG
SFF	CHRLY4 STS JUNEJ
SHN	CHRLY4 STS ENI OOLEY FINER GALLO BTG
TIW	CHRLY4 STS ENI OOLEY FINER GALLO BTG
YKM	CHRLY4 STS MXW

Super Bowl 50 - Special Traffic Management Procedures

STS - Arrival and Departure Routes

Departing STS to WYOMING	
DESTINATION	ROUTE
All Airports	CHRLY4 STS MXW GASSI CLEIN

AIRPORT INFORMATION

Airport diagrams are available on the Internet at:

http://www.faa.gov/air_traffic/flight_info/aeronav/

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JANUARY – 2016							FEBRUARY – 2016							MARCH – 2016						
SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT
					1	2		1	2	3	4	5	6			1	2	3	4	5
3	4	5	6	7	8	9	7	8	9	10	11	12	13	6	7	8	9	10	11	12
10	11	12	13	14	15	16	14	15	16	17	18	19	20	13	14	15	16	17	18	19
17	18	19	20	21	22	23	21	22	23	24	25	26	27	20	21	22	23	24	25	26
24	25	26	27	28	29	30	28	29						27	28	29	30	31		
31																				

APRIL – 2016							MAY – 2016							JUNE – 2016						
SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT
					1	2											1	2	3	4
3	4	5	6	7	8	9	1	2	3	4	5	6	7	5	6	7	8	9	10	11
10	11	12	13	14	15	16	8	9	10	11	12	13	14	12	13	14	15	16	17	18
17	18	19	20	21	22	23	15	16	17	18	19	20	21	19	20	21	22	23	24	25
24	25	26	27	28	29	30	22	23	24	25	26	27	28	26	27	28	29	30		
							29	30	31											

JULY – 2016							AUGUST – 2016							SEPTEMBER – 2016						
SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT
					1	2		1	2	3	4	5	6					1	2	3
3	4	5	6	7	8	9	7	8	9	10	11	12	13	4	5	6	7	8	9	10
10	11	12	13	14	15	16	14	15	16	17	18	19	20	11	12	13	14	15	16	17
17	18	19	20	21	22	23	21	22	23	24	25	26	27	18	19	20	21	22	23	24
24	25	26	27	28	29	30	28	29	30	31				25	26	27	28	29	30	
31																				

OCTOBER – 2016							NOVEMBER – 2016							DECEMBER – 2016						
SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT
						1			1	2	3	4	5					1	2	3
2	3	4	5	6	7	8	6	7	8	9	10	11	12	4	5	6	7	8	9	10
9	10	11	12	13	14	15	13	14	15	16	17	18	19	11	12	13	14	15	16	17
16	17	18	19	20	21	22	20	21	22	23	24	25	26	18	19	20	21	22	23	24
23	24	25	26	27	28	29	27	28	29	30				25	26	27	28	29	30	31
30	31																			

 = Cutoff dates for submitting NOTAMs to AJV-21 for next publication. (Twenty-three (23) days before effective date.)

 = Effective dates and cutoff dates for submitting information to the Publications Staff, AJV-8 for next publication. (Twenty-eight (28) days before next effective date.)

**U.S. Department
of Transportation
Federal Aviation
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800 Independence Ave., S.W.
Washington, DC 20591**

**Critical to
Flying
Safety**

**Flight Information Publication
*Notices to Airmen***