

Legacy Briefing

Briefing for KBAK to KFDK

Created 2017.12.16 21:33Z

Summary

KBAK to KFDK in N761YZ departing Sun Dec 17 00:00:00 GMT 2017

Routing

MXQ JPU MGW MRB

KBAK (Departure) Closest Terminal Weather

METAR KBAK 162045Z Columbus Municipal, Columbus, IN (KBAK). Dec 16, 2045Z.
Wind from 220° at 13 knots with gusts to 22 knots, 10 statute miles
visibility, Sky Clear, Temperature 10°C, Dewpoint -6°C, Altimeter
is 30.02.

METAR KBAK 161945Z Columbus Municipal, Columbus, IN (KBAK). Dec 16, 1945Z.
Wind from 200° at 14 knots, 10 statute miles visibility, Sky Clear,
Temperature 10°C, Dewpoint -6°C, Altimeter is 30.02.

METAR KBAK 161848Z Columbus Municipal, Columbus, IN (KBAK). Dec 16, 1848Z.
Wind from 200° at 14 knots with gusts to 18 knots, 10 statute miles
visibility, Sky Clear, Temperature 10°C, Dewpoint -6°C, Altimeter
is 30.02.

TAF for KBAK is not available, refer to the Area Forecast

KBAK (Departure) NOTAMs

All published NOTAMs are available in the Notices to Airmen Publication
(NTAP).

==== Runway NOTAMs ====

!BAK 12/023 Columbus Municipal, Columbus, IN (KBAK) Runway 32 precision
approach path indicator out of service Dec 07, 2017 1426Z to Dec 21, 2017
2030Z

==== Obstruction NOTAMs ====

!BAK 12/025 Columbus Municipal, Columbus, IN (KBAK) Obstruction tower light
(Antenna Structure Registration 1035495) 39° 13' 44.00" North 085° 58'
46.00" West (4.4 Nautical miles west-south-west BAK) 934.1 Feet (303.1 Feet
above ground level) out of service Dec 08, 2017 1835Z to Dec 23, 2017 1835Z

!BAK 12/046 Columbus Municipal, Columbus, IN (KBAK) Obstruction tower light (Antenna Structure Registration 1273101) 39° 23' 44.70" North 085° 46' 44.10" West (9.8 Nautical miles NE BAK) 1012.8 Feet (279.9 Feet above ground level) out of service Dec 13, 2017 2352Z to Jan 13, 2018 1200Z

==== FDC NOTAMs ====

!FDC 7/4167 KBAK IAP COLUMBUS MUNI, Columbus, IN. ILS RWY 23, AMDT 7A... S-ILS 23 DA 906/HAT 250 ALL CATS. CIRCLING CATS A/B/C MDA 1160/HAA 504. INDIANAPOLIS INTL ALTIMETER SETTING MINIMUMS: S-ILS 23 DA 1006/HAT 350 ALL CATS, VISIBILITY 5/8 ALL CATS. CIRCLING CATS A/B MDA 1240/HAA 584. CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 23 CAT C/D VISIBILITY TO 1-1/8 SM. CHART NOTE: FOR INOPERATIVE ALS, WHEN USING INDIANAPOLIS INTL ALTIMETER SETTING, INCREASE S-ILS 23 VISIBILITY TO 1 SM ALL CATS, INCREASE S-LOC 23 CAT C/D TO 1-3/8 SM. THIS IS ILS RWY 23, AMDT 7B. 14 SEP 19:28 2017 UNTIL PERM. CREATED: 14 SEP 19:28 2017

!FDC 7/4163 KBAK IAP COLUMBUS MUNI, Columbus, IN. RNAV (GPS) RWY 14, AMDT 1A... CIRCLING CATS A/B MDA 1140/HAA 484. THIS IS RNAV (GPS) RWY 14, AMDT 1B. 14 SEP 19:24 2017 UNTIL PERM. CREATED: 14 SEP 19:25 2017

!FDC 7/4162 KBAK IAP COLUMBUS MUNI, Columbus, IN. RNAV (GPS) RWY 5, ORIG... DELETE TDZE 652, CHART TDZE 653. LNAV HAT 427 ALL CATS. CIRCLING CAT A/B MDA 1140/ HAA 484. CHANGE MISSED APPROACH INSTRUCTIONS TO READ: CLIMB TO 2500 DIRECT ODACI AND ON 052.00 TRACK TO SEVVO AND HOLD.. THIS IS RNAV (GPS) RWY 5, ORIG-A. 14 SEP 19:24 2017 UNTIL PERM. CREATED: 14 SEP 19:25 2017

!FDC 7/4158 KBAK IAP COLUMBUS MUNI, Columbus, IN. RNAV (GPS) RWY 23, ORIG-A... CIRCLING CATS A/B MDA 1140/HAA 484. THIS IS RNAV (GPS) RWY 23, ORIG-B. 14 SEP 19:21 2017 UNTIL PERM. CREATED: 14 SEP 19:21 2017

!FDC 7/4145 KBAK IAP COLUMBUS MUNI, Columbus, IN. RNAV (GPS) RWY 32, ORIG... LNAV MDA 1080/HAT 427 ALL CATS, VISIBILITY CAT C 1-1/4. CIRCLING CATS A/B MDA 1140/HAA 484. CHANGE MISSED APPROACH INSTRUCTIONS TO READ: CLIMB TO 2500 DIRECT ZURGA AND ON 357.00 TRACK TO EYUGI AND HOLD. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DECEE ON V128 NORTHWEST BOUND. DELETE PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DECEE VIA V128 NORTHWEST BOUND. CHART NOTE: RWY 32 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 32, ORIG-A. 14 SEP 19:17 2017 UNTIL PERM. CREATED: 14 SEP 19:17 2017

KFDK (Destination) Closest Terminal Weather

METAR KFDK 162047Z Frederick Municipal, Frederick, MD (KFDK). Dec 16, 2047Z. Wind from 220° at 10 knots with gusts to 15 knots, 10 statute miles visibility, Sky Clear, Temperature 7°C, Dewpoint -8°C, Altimeter is 30.07.

METAR KFDK 161947Z Frederick Municipal, Frederick, MD (KFDK). Dec 16, 1947Z. Wind from 220° at 12 knots, 10 statute miles visibility, Ceiling is Overcast at 10,000 feet, Temperature 7°C, Dewpoint -8°C, Altimeter is 30.08.

METAR KFDK 161847Z Frederick Municipal, Frederick, MD (KFDK). Dec 16, 1847Z. Wind from 220° at 17 knots with gusts to 21 knots, 10 statute miles visibility, Sky Clear, Temperature 7°C, Dewpoint -8°C, Altimeter is 30.08.

TAF for KFDK is not available, refer to the Area Forecast

KFDK (Destination) NOTAMs

All published NOTAMs are available in the Notices to Airmen Publication (NTAP).

==== Aerodrome NOTAMs ====

!FDK 12/009 Frederick Municipal, Frederick, MD (KFDK) Aerodrome airport surface conditions not reported Dec 15, 2017 1958Z to Dec 18, 2017 1100Z

==== Obstruction NOTAMs ====

!FDK 12/001 Frederick Municipal, Frederick, MD (KFDK) Obstruction tower light (Antenna Structure Registration 1036907) 39° 24' 53.00" North 077° 27' 34.00" West (3.9 Nautical miles W FDK) 709.3 Feet (259.8 Feet above ground level) out of service Dec 07, 2017 1913Z to Dec 22, 2017 1913Z

!FDK 12/006 Frederick Municipal, Frederick, MD (KFDK) Obstruction crane light (Aeronautical Study Number 2015-AEA-2820-OE) 392534N0772253W (0.6 Nautical miles north-north-west FDK) 297 feet (35FT above ground level) out of service Dec 13, 2016 1639Z to Jun 01, 2018 1800Z

==== FDC NOTAMs ====

!FDC 7/4992 KFDK ODP FREDERICK MUNI, Frederick, MD. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 4... NOTE: RWY 30, TEMP CRANE 833 FT FROM DER, 700 FT RIGHT OF CENTERLINE, 110 FT AGL/372 FT MSL (2015-AEA-4681-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 21 JUL 12:17 2017 UNTIL 02 MAR 12:17 2018 ESTIMATED. CREATED: 21 JUL 12:17 2017

!FDC 7/4991 KFDK SID FREDERICK MUNI, Frederick, MD. CONLE THREE DEPARTURE (RNAV)... TERPZ SIX DEPARTURE (RNAV)... TAKEOFF OBSTACLES: RWY 30: TEMP CRANE 833 FT FROM DER, 700 FT RIGHT OF CENTERLINE, 110 FT AGL/372 FT MSL (2015-AEA-4681-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 21 JUL 12:17 2017 UNTIL 02 MAR 12:17 2018 ESTIMATED. CREATED: 21 JUL 12:17 2017

TFR

The published TFRs and special notices around sporting events, power plants, dams, refineries, military facilities, correctional and law enforcement facilities, as well as all other published NOTAMs, are available in the Notices to Airmen Publication (NTAP).

FDC 7/4275 ZDC WV..AIRSPACE PHILIPPI, WV..TEMPORARY FLIGHT RESTRICTIONS WI AN AREA DEFINED AS 1 NM RADIUS OF 391241N/0800306W (CKB108010.4) SFC6800FT DUE TO BLASTING OPS. PURSUANT TO 14 CFR SECTION 91.137(A)(1) TEMPORARY FLIGHT RESTRICTIONS ARE IN EFFECT. ONLY RELIEF ACFT OPS UNDER DIRECTION OF CTEH ARE AUTHORIZED IN THE AIRSPACE. CHRIS THESSING TELEPHONE 5015151228 IS IN CHARGE OF ON SCENE EMERGENCY RESPONSE ACTIVITY. CLARKSBURG /CKB/ APCH, TELEPHONE 3048422011 IS THE FAA COORDINATION FACILITY. DLY 12302200. 13 DEC 12:30 2017 UNTIL 17 DEC 22:00 2017. CREATED: 12 DEC 20:20 2017

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. WIE UNTIL UFN. CREATED: 10 JAN 20:50 2011

FDC 6/7201 ZDC SECURITY...SPECIAL SECURITY INSTRUCTIONS, WASHINGTON, DC. THIS NOTAM AND COMPLEMENTARY NOTAMS REPLACE FDC 6/6468 TO PROVIDE UPDATED INSTRUCTIONS. THIS NOTAM REFERENCES THE WASHINGTON DC SPECIAL FLIGHT RULES AREA (SFRA) ONLY. A SEPARATE NOTAM REFERENCES THE WASHINGTON DC FLIGHT RESTRICTED ZONE (FRZ) PROCEDURES AND OPERATIONS BY UNMANNED AIRCRAFT SYSTEMS (UAS), INCLUDING MODEL AIRCRAFT (HOBBYIST OR RECREATIONAL USA ONLY), CIVIL AND COMMERCIAL OPERATIONS, AND PUBLIC OPERATIONS WITHIN THE SFRA. SPECIAL SECURITY INSTRUCTIONS FOR AIRCRAFT OPERATIONS IN THE DC SFRA ARE IN EFFECT PURSUANT TO 14 CODE OF FEDERAL REGULATIONS (CFR) SECTIONS 93.335, 93.337, 93.339, 93.341, 93.343, 93.345, AND 99.7, AND 49 UNITED STATES CODE (USC) SECTION 40103(B)(3). THIS NOTAM AND THREE RELATED NOTAMS REGARDING THE: DC FLIGHT RESTRICTED ZONE (FRZ); LEESBURG MANEUVERING AREA (LMA); AND UNMANNED AIRCRAFT SYSTEM (UAS) OPERATIONS IN THE DC SFRA CLARIFY

AND SUPPLEMENT THE OPERATING REQUIREMENTS PRESCRIBED BY THE CITED 14 CFR SECTIONS. SECTION I. RESPONSE AND ENFORCEMENT: PURSUANT TO 49 USC 40103(B)(3), THE FAA HAS ESTABLISHED THE DC SFRA AS 'NATIONAL DEFENSE AIRSPACE'. PERSONS WHO DO NOT ADHERE TO THE PROCEDURES PRESCRIBED BY THE CITED 14 CFR SECTIONS AND THIS NOTAM MAY FACE THE FOLLOWING RESPONSE AND ENFORCEMENT ACTION OUTLINED: A. PILOTS OF AIRCRAFT THAT DO NOT ADHERE TO THE PROCEDURES IN THE SPECIAL SECURITY REQUIREMENTS CONTAINED IN THIS NOTAM MAY BE INTERCEPTED, AND/OR DETAINED AND INTERVIEWED BY FEDERAL, STATE, OR LOCAL LAW ENFORCEMENT, OR OTHER GOVERNMENT PERSONNEL. B. PILOTS OF AIRCRAFT THAT DO NOT ADHERE TO THE PROCEDURES IN THE SPECIAL SECURITY REQUIREMENTS CONTAINED IN THIS NOTAM MAY FACE FAA ADMINISTRATIVE ENFORCEMENT ACTION, INCLUDING IMPOSING CIVIL PENALTIES AND THE SUSPENSION OR REVOCATION OF AIRMEN CERTIFICATES. C. ANY PERSON WHO KNOWINGLY OR WILLFULLY VIOLATES THE RULES CONCERNING OPERATIONS IN THIS AIRSPACE MAY BE SUBJECT TO CRIMINAL PENALTIES UNDER 49 USC SECTION 46307. D. THE U.S. GOVERNMENT MAY USE DEADLY FORCE AGAINST A FLIGHT OPERATING IN THE DC SFRA, INCLUDING THE DC FRZ, IF IT IS DETERMINED THAT THE AIRCRAFT POSES AN IMMINENT SECURITY THREAT.

SECTION II. OPERATING REQUIREMENTS: ALL AIRCRAFT FLIGHT OPERATIONS ARE PROHIBITED WITHIN THE DC SFRA UNLESS IN COMPLIANCE WITH 14 CFR SECTIONS 93.335, 93.337, 93.339, 93.341, 93.343, AND 93.345, AND THE FOLLOWING SUPPLEMENTAL SPECIAL SECURITY INSTRUCTIONS REQUIRED PURSUANT TO 14 CFR SECTION 99.7 AND 49 USC SECTION 40103(B)(3): A. APPLICATION OF DEFINITIONS IN 14 CFR SECTION 93.335: 1. A DC SFRA FLIGHT PLAN DOES NOT FULFILL THE REQUIREMENTS FOR VISUAL FLIGHT RULES (VFR) OPERATIONS IN THE DC FRZ. 2. A DC FRZ FLIGHT PLAN IS REQUIRED FOR VFR OPERATIONS IN THE DC FRZ. PILOTS MAY NOT FILE A DC FRZ FLIGHT PLAN WHILE AIRBORNE. B. ADDITIONS TO REQUIREMENTS IN 14 CFR SECTION 93.339 DC SFRA: 1. AIRCRAFT OPERATING IN THE DC SFRA MUST BE EQUIPPED WITH AN OPERABLE TWO WAY RADIO CAPABLE OF COMMUNICATING WITH AIR TRAFFIC CONTROL (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. 2. ANY PERSON OPERATING AN AIRBORNE AIRCRAFT UNDER VFR TO OR FROM, WITHIN, OR TRANSITING THE DC SFRA/FRZ WHO BECOMES AWARE OF AN INABILITY TO COMPLY WITH THE REQUIREMENT TO MAINTAIN RADIO CONTACT WITH AIR TRAFFIC CONTROL (ATC) MUST IMMEDIATELY SQUAWK 7600 AND EXIT THE DC SFRA/FRZ BY THE MOST DIRECT LATERAL ROUTE EXCEPTING: A. IF THE DEPARTURE POINT IS WITHIN THE DC SFRA AND THE DEPARTURE POINT IS CLOSER THAN THE DC SFRA BOUNDARY, THE PILOT MAY RETURN TO THE DEPARTURE POINT BY THE MOST DIRECT ROUTE. 3. ANY PERSON OPERATING AN AIRBORNE AIRCRAFT UNDER INSTRUMENT FLIGHT RULES (IFR) TO OR FROM, WITHIN, OR TRANSITING THE DC SFRA/FRZ WHO BECOMES AWARE OF AN INABILITY TO COMPLY WITH THE REQUIREMENT TO MAINTAIN RADIO CONTACT WITH ATC MUST CONTINUE THE FLIGHT IN COMPLIANCE WITH THE TWOWAY RADIO COMMUNICATIONS FAILURE PROCEDURES FOUND IN THE FAA AERONAUTICAL INFORMATION MANUAL (AIM) AND/OR APPLICABLE FEDERAL AVIATION REGULATIONS (FAR). 4. ANY PERSON OPERATING AN AIRCRAFT TO OR FROM, WITHIN,

OR TRANSITING THE DC SFRA WHO BECOMES AWARE OF AN INABILITY TO COMPLY WITH THE REQUIREMENT TO CONTINUOUSLY SQUAWK AN ATC ASSIGNED TRANSPONDER CODE MUST IMMEDIATELY ADVISE ATC AND COMPLY WITH ALL INSTRUCTIONS FROM ATC. IF UNABLE TO CONTACT ATC, PILOTS MUST EXIT THE DC SFRA/FRZ BY THE MOST DIRECT LATERAL ROUTE EXCEPTING: A. IF THE DEPARTURE POINT IS WITHIN THE DC SFRA AND THE DEPARTURE POINT IS CLOSER THAN THE DC SFRA BOUNDARY, THE PILOT MAY RETURN TO THE DEPARTURE POINT BY THE MOST DIRECT ROUTE. 5. THE PROCEDURES IN SECTION II, SUBSECTION A, B, AND C DO NOT AUTHORIZE PENETRATION OF RESTRICTED AREAS OR PROHIBITED AREAS. 6. AIRCRAFT DEPARTING AIRPORTS WITHIN THE DC SFRA WITH LIMITED TWOWAY RADIO COMMUNICATIONS MUST ESTABLISH TWOWAY COMMUNICATIONS AS SOON AS FEASIBLE, NORMALLY WITHIN 2NM OF THE DEPARTURE POINT. 7. PATTERN WORK OPERATIONS AT UNCONTROLLED AIRPORTS WITHIN THE DC 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 (LTA) ON THE SUBJECT. THE LETTER CAN BE FOUND AT: [HTTP://NOTAMS.AIM.FAA.GOV/NOTAMSEARCH/](http://NOTAMS.AIM.FAA.GOV/NOTAMSEARCH/) (SEARCH LOCATION PCT). A. ALL PILOTS WHO INTEND TO CONDUCT VFR TRAFFIC PATTERN WORK AT AN AIRPORT WITHIN THE DC SFRA (NOT WITHIN THE DC FRZ) WHICH DOES NOT HAVE AN OPERATING CONTROL TOWER OR WHEN THE CONTROL TOWER IS CLOSED MUST: 1. INCLUDE "PATTERN" IN SFRA FLIGHT PLAN REMARKS. 2. PRIOR TO DEPARTURE, CONTACT POTOMAC TRACON VIA TELEPHONE NUMBER SPECIFIED IN LTA TO OBTAIN TRANSPONDER CODE AND ADVISE TRACON OF INTENT TO CONDUCT PATTERN WORK. 3. INFORM ATC OF INTENT TO CONDUCT PATTERN WORK PRIOR TO CHANGING TO COMMON TRAFFIC ADVISORY FREQUENCY (CTAF). B. UPON COMPLETION OF PATTERN WORK, PILOTS MUST CONTACT POTOMAC TRACON VIA TELEPHONE NUMBER SPECIFIED IN LTA TO ADVISE PATTERN WORK IS COMPLETE. 8. OPERATIONS BY UNMANNED AIRCRAFT SYSTEMS (UAS), INCLUDING MODEL AIRCRAFT (HOBBYIST OR RECREATIONAL USE ONLY), CIVIL AND COMMERCIAL OPERATIONS, AND PUBLIC OPERATIONS, ARE ONLY AUTHORIZED WITHIN THE DC SFRA, EXCLUDING THE DC FRZ, IF IN COMPLIANCE WITH THE SEPARATE FAA NOTAM, WHICH PRESCRIBES UASSPECIFIC OPERATING REQUIREMENTS IN THE DC SFRA. SECTION III. RESOURCES: A. THE CODE OF FEDERAL REGULATIONS CAN BE FOUND ON THE GOVERNMENT PRINTING OFFICE WEBSITE AT WWW.ECFR.GOV. B. ANY PILOT QUESTIONS REGARDING DC SFRA OR FRZ PROCEDURES SHOULD BE DIRECTED TO THE FAA SYSTEM OPERATIONS SECURITY REPRESENTATIVE AT THE NATIONAL CAPITAL REGION COORDINATION CENTER (NCRCC) AT 9AWAATSNCRCC@FAA.GOV OR (866) 5989522. C. FOR THOSE WAIVERS AND REQUIREMENTS IN THIS NOTAM THAT REQUIRE NOTIFICATION TO THE TSA AT THE NCRCC, CALL (866) 5989520. D. FOR THOSE WAIVERS AND REQUIREMENTS IN THIS NOTAM THAT REQUIRE NOTIFICATION TO THE FAA AT THE NCRCC, CALL (866) 5989522. E. THE LATEST POTOMAC TRACON (PCT) LETTER TO AIRMEN CAN BE FOUND AT: [HTTP://NOTAMS.AIM.FAA.GOV/NOTAMSEARCH/](http://NOTAMS.AIM.FAA.GOV/NOTAMSEARCH/) (SEARCH LOCATION PCT). F. INFORMATION ABOUT FAA/TSA AIRSPACE WAIVER APPLICATIONS AND TSA SECURITY AUTHORIZATIONS CAN BE FOUND AT WWW.TSA.GOV/FORINDUSTRY/GENERALAVIATION OR BY CONTACTING TSA AT (571) 2272071. G. SPECIAL AWARENESS TRAINING FOR THE WASHINGTON DC METROPOLITAN AREA 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 WWW.FAASAFETY.GOV. IT IS STRONGLY RECOMMENDED THAT ALL PILOTS FLYING UNDER VISUAL FLIGHT RULES (VFR) WITHIN 100 NM OF THE DCA VOR/DME ALSO COMPLETE THIS TRAINING. H. INDIVIDUALS MAY SUBMIT A REQUEST FOR A FAA WAIVER AT WAIVERS.FAA.GOV. AFTER NORMAL BUSINESS HOURS, FOR EMERGENCY OR SHORT NOTICE REQUESTS, CONTACT TSA AT THE NCRCC AT (866) 5989520. H. THE TRANSPONDER REQUIREMENTS DESCRIBED IN THIS NOTAM ARE ESTABLISHED SOLELY FOR SECURITY TRACKING PURPOSES AND DO NOT IMPLY THE PROVISION OF ATC RADAR SERVICES, UNLESS ATC SERVICES ARE REQUESTED AND APPROVED. I. THE COMMUNICATIONS REQUIREMENTS DESCRIBED IN THIS NOTAM ARE ESTABLISHED TO MAINTAIN THE ABILITY TO IMMEDIATELY COMMUNICATE SECURITYBASED INSTRUCTIONS, NOT FOR NECESSARILY FOR ATC SERVICES, UNLESS ATC SERVICES ARE REQUESTED AND APPROVED. 12 OCT 03:01 2016 UNTIL PERM. CREATED: 12 OCT 01:23 2016

FDC 6/1117 ZDC SECURITY...SPECIAL SECURITY INSTRUCTIONS, WASHINGTON, DC. THIS NOTAM AND COMPLEMENTARY NOTAMS REPLACE FDC 6/6472 TO PROVIDE UPDATED INSTRUCTIONS. SPECIAL SECURITY INSTRUCTIONS FOR UNMANNED AIRCRAFT OPERATIONS (UAS) IN THE DC SPECIAL FLIGHT RULES AREA (SFRA), INCLUDING THE DC FLIGHT RESTRICTED ZONE (FRZ), ARE IN EFFECT PURSUANT TO 14 CODE OF FEDERAL REGULATIONS (CFR) SECTIONS 93.335, 93.337, 93.339, 93.341, AND 99.7, AND 49 UNITED STATES CODE (USC) SECTION 40103(B)(3). THIS NOTAM CLARIFIES AND SUPPLEMENTS THE OPERATING REQUIREMENTS FOR THE DC SFRA, INCLUDING THE DC FLIGHT RESTRICTED ZONE (FRZ), AND THOSE PRESCRIBED BY 14 CFR SECTIONS 93.335, 93.337, 93.339, 93.341, 93.343, 93.345, AND 99.7. SECTION I. SPECIAL NOTES ON UAS OPERATIONS IN THE DC SFRA: A. THIS NOTAM SUPPLEMENTS THE DC SPECIAL FLIGHT RULES AREA (SFRA), INCLUDING THE DC FLIGHT RESTRICTED ZONE (FRZ) FDC NOTAMS WITH SPECIAL SECURITY INSTRUCTIONS, INCLUDING OPERATING REQUIREMENTS, THAT ARE SPECIFIC TO UAS OPERATIONS, INCLUDING OPERATIONS BY MODEL AIRCRAFT (HOBBYIST OR RECREATIONAL USE), CIVIL (INCLUDING COMMERCIAL), AND PUBLIC OPERATORS, IN THE DC SFRA. B. THE FAA HAS ESTABLISHED THE DC SFRA, INCLUDING THE DC FRZ, AS ' PURSUANT TO 49 USC 40103(B)(3). PERSONS OPERATING UAS IN THE DC SFRA WHO DO NOT ADHERE TO THE PROCEDURES PRESCRIBED BY 14 CFR SECTIONS 93.335, 93.337, 93.339, 93.341, AND 99.7, AND THE FOLLOWING UASSPECIFIC SUPPLEMENTAL SPECIAL SECURITY INSTRUCTIONS MAY FACE RESPONSE AND ENFORCEMENT ACTIONS DESCRIBED BY THE DC SFRA, INCLUDING THE DC FLIGHT RESTRICTED ZONE (FRZ) FDC NOTAMS. C. UAS OPERATIONS ARE PROHIBITED IN THE DC FRZ. SECTION II. OPERATING REQUIREMENTS FOR DC SFRA (MODEL AIRCRAFT UAS OPERATIONS): ALL MODEL AIRCRAFT (FOR HOBBYIST OR RECREATIONAL USE ONLY) UAS OPERATIONS ARE PROHIBITED WITHIN DC SFRA UNLESS IN COMPLIANCE WITH ALL OF THE REQUIREMENTS LISTED BELOW. REFER TO SECTION VI OF THIS NOTAM FOR THE APPLIED DEFINITION OF MODEL AIRCRAFT OPERATIONS. A. THE UAS IS REGISTERED AND MARKED AS REQUIRED BY THE FAA. REFER TO INSTRUCTIONS PROVIDED AT WWW.FAA.GOV/UAS/REGISTRATION. B. THE UAS WEIGHS LESS THAN 55 LBS. INCLUDING ALL ADDED EQUIPMENT (SUCH AS CAMERAS) ATTACHED TO THE AIRCRAFT. C. OPERATIONS MUST REMAIN AT OR BELOW 400 FEET ABOVE GROUND LEVEL (AGL) UNLESS

ISSUED A SITE SPECIFIC WAIVER BY SYSTEM OPERATIONS SECURITY. D. OPERATIONS MUST REMAIN WITHIN VISUAL LINE OF SIGHT OF THE OPERATOR AND IN COMPLIANCE WITH THE FOLLOWING: 1. OPERATIONS MUST BE CONDUCTED UNDER VISUAL METEOROLOGICAL CONDITIONS (VMC). 2. OPERATIONS MUST NOT BE CONDUCTED DURING NIGHT AS DEFINED IN 14 CFR SECTION 1.1. 3. FLIGHTS UNDER SPECIAL VISUAL FLIGHT RULES (SVFR) ARE NOT AUTHORIZED. E. PRIOR TO OPERATING WITHIN 5 MILES OF AN AIRPORT, THE UAS OPERATOR MUST NOTIFY THE AIRPORT OPERATOR AND, WHEN PRESENT, THE AIR TRAFFIC CONTROL TOWER. F. OPERATIONS MUST NOT INTERFERE WITH AND MUST GIVE WAY TO MANNED AIRCRAFT. G. MODEL AIRCRAFT UAS OPERATIONS ARE COMPLETELY PROHIBITED IN THE DC FRZ. SECTION III. OPERATING REQUIREMENTS FOR DC SFRA (CIVIL, INCLUDING COMMERCIAL, UAS OPERATIONS): ALL CIVIL, INCLUDING COMMERCIAL, UAS OPERATIONS ARE PROHIBITED WITHIN DC SFRA UNLESS IN COMPLIANCE WITH TITLE 14 CFR PART 107 OR THE OPERATOR'S APPLICABLE FAA GRANT OF EXEMPTION PURSUANT TO PUBLIC LAW 11295, SECTION 333, AND FAA CERTIFICATE OF AUTHORIZATION OR WAIVER (COA) REFER TO SECTION VI OF THIS NOTAM FOR THE APPLIED DEFINITION OF CIVIL, INCLUDING COMMERCIAL, UAS OPERATIONS. SECTION IV. OPERATING REQUIREMENTS FOR DC SFRA (PUBLIC UAS OPERATIONS): ALL PUBLIC UAS OPERATIONS ARE PROHIBITED WITHIN DC SFRA, UNLESS IN COMPLIANCE WITH THE OPERATOR'S APPLICABLE CERTIFICATE OF AUTHORIZATION OR WAIVER (COA) OR OPERATING UNDER TITLE 14 CFR PART 107. REFER TO SECTION VI OF THIS NOTAM FOR THE APPLIED DEFINITION OF PUBLIC UAS OPERATIONS. SECTION V. ADDITIONAL GENERAL OPERATING REQUIREMENTS AND GUIDANCE FOR DC SFRA (ALL TYPES OF UAS OPERATIONS): A. UAS OPERATIONS IN THE DC SFRA MUST NOT PENETRATE RESTRICTED AREAS, PROHIBITED AREAS, OR TEMPORARY FLIGHT RESTRICTIONS (TFR). RESTRICTED AND PROHIBITED AREAS ARE DEPICTED ON CHARTS AVAILABLE THROUGH THE FAA REFER TO WWW.FAA.GOV/AIR_TRAFFIC/FLIGHT_INFO/AERONAV. INFORMATION ON CURRENT TFR'S CAN BE OBTAINED AT [HTTP://TFR.FAA.GOV](http://TFR.FAA.GOV). B. UAS OPERATIONS IN THE DC SFRA MUST NOT PENETRATE THE DC FRZ. UAS OPERATIONS ARE PROHIBITED IN THE DC FRZ. C. UAS OPERATORS SHOULD BE AWARE OF OTHER NOTAMS, WHICH ADDRESS SECURITY SENSITIVE INCIDENTS, EVENTS, OPERATIONS, AND/OR LOCATIONS SUCH AS MILITARY OR OTHER FEDERAL FACILITIES, CERTAIN STADIUMS, POWER PLANTS, ELECTRIC SUBSTATIONS, DAMS, OIL REFINERIES, NATIONAL PARKS, EMERGENCY, SERVICES AND OTHER INDUSTRIAL COMPLEXES. IN ADDITION TO THE PREVIOUSLY MENTIONED LINK, INFORMATION REGARDING PUBLISHED NOTAMS CAN BE FOUND AT: WWW.FAA.GOV/AIR_TRAFFIC/PUBLICATIONS/NOTICES/ D. UAS OPERATIONS MUST NOT INTERFERE WITH AND MUST GIVE WAY TO MANNED AIRCRAFT. SECTION VI. DEFINITIONS: A. MODEL AIRCRAFT UAS: UAS MUST MEET THE REQUIREMENTS PRESCRIBED BY PUBLIC LAW 11295, SECTION 336, TO QUALIFY AS A MODEL AIRCRAFT, WHICH IS USED EXCLUSIVELY FOR HOBBYIST OR RECREATIONAL PURPOSES. UAS USED FOR COMMERCIAL ACTIVITY DO NOT QUALIFY AS MODEL AIRCRAFT. B. CIVIL, INCLUDING COMMERCIAL UAS: CIVIL UAS OPERATIONS GENERALLY COMPRISE FLIGHTS CONDUCTED BY PRIVATE SECTOR ENTITIES FOR COMMERCIAL PURPOSES. REFER TO TITLE 14 CFR PART 107 OR PUBLIC LAW 11295, SECTION 333, FOR ADDITIONAL DETAILS ON UAS OPERATIONS THAT ARE ADDRESSED BY SECTION III OF THIS NOTAM. C. PUBLIC UAS: PUBLIC UAS OPERATIONS GENERALLY INCLUDE GOVERNMENTAL

OPERATIONS, INCLUDING DEPARTMENT OF DEFENSE (DOD) AND NATIONAL GUARD (NG) FLIGHTS. REFER TO 49 USC SECTION 40102(A)(41), WHICH PROVIDES THE DEFINITION OF "PUBLIC AIRCRAFT" AND 49 USC SECTION 40125 PROVIDES THE QUALIFICATIONS FOR PUBLIC AIRCRAFT STATUS. SECTION VII. RESOURCES: A. THE CODE OF FEDERAL REGULATIONS CAN BE FOUND ON THE GOVERNMENT PRINTING OFFICE WEBSITE AT WWW.ECFR.GOV. B. ANY UAS OPERATOR QUESTIONS REGARDING DC SFRA OR FRZ PROCEDURES SHOULD BE DIRECTED TO THE FAA UNMANNED AIRCRAFT SYSTEM PROGRAM OFFICE AT 2022677540. C. FAA INFORMATION TO HELP UAS OPERATORS UNDERSTAND REQUIREMENTS AND RESTRICTIONS, WHICH COULD BE IN EFFECT AT THEIR INTENDED OPERATING LOCATION, IS AVAILABLE THROUGH THE FAA'S B4UFLY SMARTPHONE APPLICATION SEE WWW.FAA.GOV/UAS/B4UFLY. 17 OCT 13:00 2016 UNTIL PERM. CREATED: 17 OCT 12:18 2016

FDC 6/7215 ZDC SECURITY...SPECIAL SECURITY INSTRUCTIONS, WASHINGTON, DC. THIS NOTAM REPLACES FDC 6/6469 TO PROVIDE UPDATED INSTRUCTIONS. SPECIAL SECURITY INSTRUCTIONS FOR AIRCRAFT OPERATIONS IN THE LEESBURG MANEUVERING AREA (LMA) OF THE DC SPECIAL FLIGHT RULES AREA (SFRA) ARE IN EFFECT PURSUANT TO 14 CODE OF FEDERAL REGULATIONS (CFR) SECTIONS 93.335, 93.337, 93.339, AND 99.7, AND 49 UNITED STATES CODE (USC) SECTION 40103(B)(3). THIS NOTAM CLARIFIES AND SUPPLEMENTS THE OPERATING REQUIREMENTS FOR THE DC SFRA, INCLUDING THE DC FLIGHT RESTRICTED ZONE (FRZ), AND THOSE PRESCRIBED BY 14 CFR SECTION 93.339. SECTION I. SPECIAL NOTES ON LMA: A. THE OPERATING REQUIREMENTS PRESCRIBED BY THIS NOTAM ARE SPECIFIC TO THE LMA. COMPLIANCE WITH LMA REQUIREMENTS DOES NOT AUTHORIZE OPERATIONS IN THE DC SFRA OUTSIDE OF THE LMA, WHICH MUST BE IN COMPLIANCE WITH DC SFRA NOTAM AND 14 CFR SECTIONS 93.335, 93.337, 93.339, 93.341, 93.343, 93.345, AND 99.7. B. THE LMA IS THE AREA DEFINED IN SECTION V OF THIS NOTAM. C. THE LMA IS PART OF THE DC SFRA, WHICH THE FAA HAS ESTABLISHED AS 'NATIONAL DEFENSE AIRSPACE' PURSUANT TO 49 USC 40103(B)(3). D. PERSONS OPERATING IN THE LMA WHO DO NOT ADHERE TO THE PROCEDURES PRESCRIBED BY 14 CFR SECTIONS 93.335, 93.337, 93.339, AND 99.7, AND THE FOLLOWING LMASPECIFIC SUPPLEMENTAL SPECIAL SECURITY INSTRUCTIONS MAY FACE RESPONSE AND ENFORCEMENT ACTIONS DESCRIBED BY THE DC SFRA AND DC FRZ NOTAMS. SECTION II. OPERATING REQUIREMENTS (BASIC): ALL AIRCRAFT FLIGHT OPERATIONS ARE PROHIBITED WITHIN THE LMA, UNLESS IN COMPLIANCE WITH 14 CFR SECTIONS 93.335, 93.337, AND 93.339, AND THE FOLLOWING SUPPLEMENTAL SPECIAL SECURITY INSTRUCTIONS FOR THE LMA REQUIRED PURSUANT TO 14 CFR SECTION 99.7 AND 49 USC SECTION 40103(B)(3): A. BASIC OPERATING REQUIREMENTS: AIRCRAFT ARE AUTHORIZED TO OPERATE IN THE LMA IF IN COMPLIANCE WITH ALL OF THE FOLLOWING CONDITIONS: 1. BE EQUIPPED WITH AT LEAST ONE OPERABLE TWOWAY RADIO CAPABLE OF COMMUNICATING WITH POTOMAC TRACON (PCT) OR, WHEN OPERATIONAL, JYO TOWER ON APPROPRIATE RADIO FREQUENCIES. 2. BE EQUIPPED WITH AN OPERATING TRANSPONDER WITH AUTOMATIC ALTITUDE REPORTING CAPABILITY AS SPECIFIED UNDER 14 CFR SECTION 91.215. 3. MONITOR VHF GUARD 121.5 OR UHF GUARD 243.0, IF ABLE. 4. SQUAWK THE AIR TRAFFIC CONTROL (ATC) ASSIGNED TRANSPONDER CODE OR APPROPRIATE LMA BEACON CODE AT ALL TIMES. CODE 1200 IS NOT PERMITTED AT ANY TIME WITHIN THE LMA OR

DC SFRA. B. OPERATIONS BY UNMANNED AIRCRAFT SYSTEMS (UAS), INCLUDING MODEL AIRCRAFT (FOR HOBBYIST OR RECREATIONAL USE ONLY), CIVIL AND COMMERCIAL OPERATIONS, AND PUBLIC OPERATIONS, ARE ONLY AUTHORIZED IN THE LMA IF IN COMPLIANCE WITH THE SEPARATE UAS FAA NOTAM, WHICH PRESCRIBES UAS-SPECIFIC OPERATING REQUIREMENTS IN THE DC SFRA, INCLUDING THE DC FRZ. C. EXCEPT FOR FAA APPROVED DEPARTMENT OF DEFENSE (DOD), NATIONAL GUARD (NG), LAW ENFORCEMENT, AND WAIVERED LIFEGUARD/AIR AMBULANCE OPERATIONS, ALL AIRCRAFT OPERATING UNDER VISUAL FLIGHT RULES (VFR) IN THE LMA ARE RESTRICTED TO AN INDICATED AIRSPEED OF 180 KNOTS OR LESS. IF UNABLE, THE PILOT MUST CONTACT POTOMAC TRACON (PCT) AND ADVISE THEM OF THE AIRCRAFT'S OPERATIONAL LIMITATIONS PRIOR TO OPERATING IN THE LMA OR THE REST OF THE DC SFRA.

SECTION III. OPERATING REQUIREMENTS (VFR AT JYO) AIRCRAFT OPERATING UNDER VFR AT JYO MUST COMPLY WITH ALL OF THE FOLLOWING CONDITIONS: A. AIRCRAFT DEPARTING FROM OR LANDING AT JYO MUST: 1. SQUAWK TRANSPONDER CODE 1226; 2. WHEN JYO TOWER IS OPEN, PRIOR TO TAXING, ESTABLISH AND MAINTAIN TWOWAY RADIO COMMUNICATIONS WITH THE GROUND CONTROL; 3. WHEN JYO TOWER IS OPEN, PRIOR TO ENTERING THE LEESBURG MANEUVERING AREA, ESTABLISH AND MAINTAIN TWOWAY RADIO COMMUNICATIONS WITH THE TOWER; 4. WHEN JYO TOWER IS CLOSED, PRIOR TO DEPARTING JYO ANNOUNCE THE AIRCRAFT CALL SIGN, TYPE, AND INTENDED DEPARTURE RUNWAY ON THE PUBLISHED CTAF; 5. AFTER DEPARTING JYO, EXIT THE LMA VIA THE MOST DIRECT LATERAL ROUTE AND AVOID ENTERING THE REST OF THE DC SFRA; 6. WHEN JYO TOWER IS CLOSED, PRIOR TO ENTERING THE LMA PILOTS LANDING AT JYO MUST ANNOUNCE THE AIRCRAFT CALL SIGN, TYPE, AND INTENDED LANDING RUNWAY ON THE PUBLISHED CTAF. 7. PILOTS MUST ENTER THE LMA VIA THE MOST DIRECT ROUTE AND AVOID ENTERING REST OF THE DC SFRA. 8. PILOTS DEPARTING FROM OR LANDING AT JYO UNDER VFR OPERATIONS ARE NOT REQUIRED TO CONTACT PCT UNLESS OTHERWISE DIRECTED. B. AIRCRAFT CONDUCTING TRAFFIC PATTERN OPERATIONS AT JYO MUST: 1. FILE A DC SFRA FLIGHT PLAN; 2. OBTAIN AND SQUAWK THE ASSIGNED TRANSPONDER CODE FROM JYO TOWER (OR PCT WHEN JYO TOWER IS CLOSED); 3. ESTABLISH AND MAINTAIN TWOWAY RADIO COMMUNICATIONS WITH JYO TOWER, OR ON THE PUBLISHED CTAF FREQUENCY WHEN JYO TOWER IS CLOSED; 4. OBTAIN ATC AUTHORIZATION TO PERFORM PRACTICE APPROACHES FROM JYO TOWER OR PCT WHEN JYO TOWER IS CLOSED. AUTHORIZATIONS WILL BE GRANTED WORKLOAD PERMITTING. SECTION IV. OPERATING REQUIREMENTS (RADIO OR TRANSPONDER FAILURE WHILE OPERATING IN THE LMA) AIRCRAFT OPERATING IN THE LMA, WHICH EXPERIENCE RADIO OR TRANSPONDER PROBLEMS, MUST COMPLY WITH ALL OF THE FOLLOWING CONDITIONS: A. ANY PERSON OPERATING AN AIRBORNE AIRCRAFT UNDER VFR TO OR FROM, WITHIN, OR TRANSITING THE DC SFRA/FRZ, INCLUDING THE LMA, WHO BECOMES AWARE OF AN INABILITY TO COMPLY WITH THE REQUIREMENT TO MAINTAIN RADIO CONTACT ATC MUST IMMEDIATELY SQUAWK 7600 AND EXIT THE DC SFRA/FRZ BY THE MOST DIRECT LATERAL ROUTE EXCEPTING: 1. IF THE DEPARTURE POINT IS WITHIN THE DC SFRA AND THE DEPARTURE POINT IS CLOSER THAN THE DC SFRA BOUNDARY, THE PILOT MAY RETURN TO THE DEPARTURE POINT BY THE MOST DIRECT ROUTE. B. ANY PERSON OPERATING AN AIRCRAFT UNDER INSTRUMENT FLIGHT RULES (IFR) IN OR TRANSITING THE DC SFRA, INCLUDING THE LMA, WHO BECOMES AWARE OF AN INABILITY TO COMPLY WITH THE REQUIREMENT TO MAINTAIN RADIO

CONTACT WITH ATC OR CTAF MUST CONTINUE THE FLIGHT IN COMPLIANCE WITH THE
TOWAY RADIO COMMUNICATIONS FAILURE PROCEDURES FOUND IN THE FAA
AERONAUTICAL INFORMATION MANUAL (AIM) AND/OR APPLICABLE FEDERAL AVIATION
REGULATIONS (FAR). THESE PROCEDURES DO NOT AUTHORIZE PENETRATION OF
RESTRICTED OR PROHIBITED AIRSPACE. C. ANY PERSON OPERATING AN AIRCRAFT TO
OR FROM, WITHIN, OR TRANSITING THE DC SFRA, INCLUDING THE LMA, WHO BECOMES
AWARE OF AN INABILITY TO COMPLY WITH THE REQUIREMENT TO CONTINUOUSLY SQUAWK
THE ATC ASSIGNED TRANSPONDER CODE MUST IMMEDIATELY ADVISE ATC AND COMPLY
WITH ALL INSTRUCTIONS FROM ATC. IF UNABLE TO CONTACT ATC, PILOTS MUST EXIT
THE DC SFRA/FRZ BY THE MOST DIRECT LATERAL ROUTE EXCEPTING: 1. IF THE
DEPARTURE POINT IS WITHIN THE DC SFRA AND THE DEPARTURE POINT IS CLOSER
THAN THE DC SFRA BOUNDARY, THE PILOT MAY RETURN TO THE DEPARTURE POINT BY
THE MOST DIRECT ROUTE. D. THE PROCEDURES IN SECTION IV, SUBSECTIONS A, B,
AND C DO NOT AUTHORIZE PENETRATION OF RESTRICTED AREAS OR PROHIBITED AREAS.
SECTION V. DEFINITIONS: A. FOR PURPOSES OF THIS NOTAM, A DC SFRA FLIGHT
PLAN IS DEFINED IN 14 CFR PART 93.335. B. THE LMA IS THE AREA, WHICH IS
SITUATED WITHIN THE DC SFRA AND AROUND THE LEESBURG EXECUTIVE AIRPORT
(JYO), BOUNDED BY A LINE BEGINNING AT THE WASHINGTON /DCA/ VOR/DME 299
DEGREE RADIAL AT 30 NM 390139.1N/0773826.7W; THENCE CLOCKWISE ALONG THE DCA
30 NM ARC TO THE 391242N/0772930W OR THE ARMEL /AML/ VORTAC 004 DEGREE
RADIAL AT 16.6 NM; THENCE SOUTH VIA A LINE DRAWN TO THE 390303N/0772837W OR
THE ARMEL /AML/ VORTAC 004 DEGREE RADIAL AT 7NM; THENCE COUNTERCLOCKWISE
ALONG THE AML 7 NM ARC TO THE AML 331 DEGREE RADIAL AT 7 NM
390139.3N/0773325.5W; THENCE WEST VIA A LINE DRAWN TO THE POINT OF
BEGINNING. SECTION VI. RESOURCES: A. THE CODE OF FEDERAL REGULATIONS CAN BE
FOUND ON THE GOVERNMENT PRINTING OFFICE WEBSITE AT
WWW.GPO.GOV/FDSYSACCESS.GOV/CFR/INDEX.HTML, OR WWW.ECFR.GOV. B. ANY PILOT
QUESTIONS REGARDING DC SFRA OR FRZ PROCEDURES SHOULD BE DIRECTED TO THE FAA
SYSTEM OPERATIONS SECURITY REPRESENTATIVE AT THE NATIONAL CAPITAL REGION
COORDINATION CENTER (NCRCC) AT 9AWAATSNCRCC@FAA.GOV OR (866) 5989522. C.
INFORMATION ABOUT FAA/TSA AIRSPACE WAIVER APPLICATIONS AND TSA SECURITY
AUTHORIZATIONS CAN BE FOUND AT WWW.TSA.GOV/STAKEHOLDERS/AIRSPACEWAIVERS OR
BY CONTACTING TSA AT (571) 2272071. D. INDIVIDUALS MAY SUBMIT A REQUEST
FOR A FAA WAIVER AT WAIVERS.FAA.GOV. AFTER NORMAL BUSINESS HOURS, FOR
EMERGENCY OR SHORT NOTICE REQUESTS, CONTACT TSA AT THE NCRCC AT (866)
5989520. E. THE TRANSPONDER REQUIREMENTS DESCRIBED IN THIS NOTAM ARE
ESTABLISHED SOLELY FOR SECURITY TRACKING PURPOSES AND DO NOT IMPLY THE
PROVISION OF ATC RADAR SERVICES, UNLESS ATC SERVICES ARE REQUESTED AND
APPROVED. F. THE COMMUNICATIONS REQUIREMENTS DESCRIBED IN THIS NOTAM ARE
ESTABLISHED TO MAINTAIN THE ABILITY TO IMMEDIATELY COMMUNICATE
SECURITYBASED INSTRUCTIONS, NOT FOR NECESSARILY FOR ATC SERVICES, UNLESS
ATC SERVICES ARE REQUESTED AND APPROVED. G. SPECIAL AWARENESS TRAINING FOR
THE WASHINGTON DC METROPOLITAN AREA 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 WWW.FAASAFETY.GOV. IT IS STRONGLY RECOMMENDED THAT ALL

PILOTS FLYING UNDER VISUAL FLIGHT RULES (VFR) WITHIN 100 NM OF THE DCA
VOR/DME ALSO COMPLETE THIS TRAINING. 12 OCT 03:01 2016 UNTIL PERM. CREATED:
12 OCT 02:44 2016

FDC 7/6326 ZDC MD..AIRSPACE HAGERSTOWN/THURMONT, MARYLAND..TEMPORARY FLIGHT RESTRICTIONS. DECEMBER 1617, 2017 LOCAL. THIS NOTAM REPLACES NOTAM 7/5519 DUE TO CHANGE IN START DATE AND TIME. PURSUANT TO 49 USC 40103(B), THE FEDERAL AVIATION ADMINISTRATION (FAA) CLASSIFIES THE AIRSPACE DEFINED IN THIS NOTAM AS 'NATIONAL DEFENSE AIRSPACE'. PILOTS WHO DO NOT ADHERE TO THE FOLLOWING PROCEDURES 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; OR B) THE UNITED STATES GOVERNMENT MAY PURSUE CRIMINAL CHARGES, INCLUDING CHARGES UNDER TITLE 49 OF THE UNITED STATES CODE, SECTION 46307; OR 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. PURSUANT TO TITLE 14, SECTION 91.141 OF THE CODE OF FEDERAL HAGERSTOWN/THURMONT, REGULATIONS, AIRCRAFT FLIGHT OPERATIONS ARE PROHIBITED WITHIN AN AREA DEFINED AS 5NM RADIUS OF 393853N0772800W (MRB055023.7) SFC17999FT MSL EFFECTIVE 1712161700 UTC (1200 LOCAL 12/16/17) UNTIL 1712180430 UTC (2330 LOCAL 12/17/17). WITHIN AN AREA DEFINED AS 10NM RADIUS OF 393853N0772800W (MRB055023.7) SFC17999FT MSL EFFECTIVE 1712161700 UTC (1200 LOCAL 12/16/17) UNTIL 1712180430 UTC (2330 LOCAL 12/17/17). EXCEPT AS SPECIFIED BELOW AND/OR UNLESS AUTHORIZED BY ATC IN CONSULTATION WITH THE AIR TRAFFIC SECURITY COORDINATOR VIA THE DOMESTIC EVENTS NETWORK (DEN): A. ALL AIRCRAFT OPERATIONS WITHIN THE 5 NM RADIUS AREA LISTED ABOVE, KNOWN AS THE INNER CORE, ARE PROHIBITED EXCEPT: APPROVED MILITARY, LAW ENFORCEMENT AND AIR AMBULANCE AIRCRAFT ARE AUTHORIZED UNDER THE FOLLOWING CONDITIONS: HAGERSTOWN/THURMONT, 1) AIRCRAFT MUST BE IN TWOWAY RADIO COMMUNICATIONS WITH ATC AND DISPLAY ASSIGNED BEACON CODE AT ALL TIMES WITHIN THE TFR. 2) AVOID PROHIBITED AREA 40 / R4009 UNLESS THE AIRCRAFT RECEIVES U.S. SECRET SERVICE AUTHORIZATION BY CALLING 8665989524. 3) WASHINGTON METRO AREA DEPARTURES ARE AUTHORIZED UNDER THE FOLLOWING CONDITIONS: 1) REGULARLY SCHEDULED COMMERCIAL PASSENGER AND CARGO AIRCRAFT OPERATING UNDER ONE OF THE FOLLOWING TSAAPPROVED STANDARD SECURITY PROGRAMS/PROCEDURES: AIRCRAFT OPERATOR STANDARD SECURITY PROGRAM (AOSSP), FULL ALLCARGO STANDARD SECURITY PROGRAM (FACSSP), MODEL SECURITY PROGRAM (MSP), TWELVE FIVE STANDARD SECURITY PROGRAM (TFSSP) ALL CARGO, OR ALLCARGO INTERNATIONAL SECURITY PROCEDURE (ACISP) AND ARE DEPARTING FROM 14 CFR PART 139 AIRPORTS. THESE APPROVED AIR CARRIER OPERATIONS MAY TRANSITION AT OR ABOVE 12,500 FEET MSL. B. AIRCRAFT OPERATIONS ARE PERMITTED WITHIN THE HAGERSTOWN/THURMONT, AIRSPACE BETWEEN 5 NM RADIUS AND 10 NM RADIUS, PROVIDED THE FOLLOWING CONDITIONS ARE MET: 1) BE ON AN ACTIVE IFR OR FILED VFR FLIGHT PLAN WITH A DISCRETE CODE ASSIGNED BY ATC. 2)

REMAIN IN TWOWAY RADIO COMMUNICATIONS WITH ATC. 3) FLIGHTS WITHIN THIS AREA ARE FOR INGRESS, EGRESS AND TRANSIT ONLY. NO LOITERING. 4) ALL AIRCRAFT DEPARTING FROM PRIVATE AIRPORTS/AIR FIELDS MUST BE ON A HEADING AWAY FROM THE CENTER OF THE P40 / R4009 AIRSPACE. C. THE FOLLOWING OPERATIONS ARE NOT AUTHORIZED WITHIN THIS TFR: FLIGHT TRAINING, PRACTICE INSTRUMENT APPROACHES, AEROBATIC FLIGHT, GLIDER OPERATIONS, PARACHUTE OPERATIONS, ULTRALIGHT, HANG GLIDING, BALLOON OPERATIONS, AGRICULTURE/CROP DUSTING, ANIMAL POPULATION CONTROL FLIGHT OPERATIONS, BANNER TOWING OPERATIONS, SIGHTSEEING OPERATIONS, MAINTENANCE TEST FLIGHTS, MODEL AIRCRAFT OPERATIONS, MODEL ROCKETRY, UNMANNED AIRCRAFT SYSTEMS (UAS), UTILITY AND PIPELINE HAGERSTOWN/THURMONT, SURVEY OPERATIONS, AND COMMERCIAL CARGO CARRIER OPERATIONS THAT FAIL TO MEET OR EXCEED THE TSA DOMESTIC SECURITY INSPECTION PROGRAM STANDARDS ARE NOT AUTHORIZED. D. ALL US SECRET SERVICE AUTHORIZED AIRCRAFT OPERATORS BASED IN THE AREA SHOULD NOTIFY THE U.S. SECRET SERVICE PRIOR TO THEIR DEPARTURE. 16 DEC 17:00 2017 UNTIL 18 DEC 04:30 2017. CREATED: 15 DEC 17:40 2017

FDC 6/7196 ZDC SECURITY...SPECIAL SECURITY INSTRUCTIONS, WASHINGTON, DC. THIS NOTAM AND COMPLEMENTARY NOTAMS REPLACE FDC 6/6464 TO PROVIDE UPDATED INSTRUCTIONS. THIS NOTAM REFERENCES THE WASHINGTON DC FLIGHT RESTRICTED ZONE (FRZ) PROCEDURES. A SEPARATE NOTAM REFERENCES THE WASHINGTON DC SPECIAL FLIGHT RULES AREA (SFRA) PROCEDURES. SPECIAL SECURITY INSTRUCTIONS FOR AIRCRAFT OPERATIONS IN THE DC FLIGHT RESTRICTED ZONE (FRZ), A PART OF THE DC SPECIAL FLIGHT RULES AREA (SFRA), ARE IN EFFECT PURSUANT TO 14 CODE OF FEDERAL REGULATIONS (CFR) SECTIONS 93.335, 93.337, 93.339, 93.341, 93.343, 93.345, AND 99.7, AND 49 UNITED STATES CODE (USC) SECTION 40103(B)(3). THIS NOTAM AND THREE RELATED NOTAMS REGARDING THE: DC SFRA, EXCLUDING THE DC FRZ, WHICH IS ADDRESSED BY THIS NOTAM; THE LEESBURG MANEUVERING AREA (LMA); AND UNMANNED AIRCRAFT SYSTEM (UAS) OPERATIONS IN THE DC SFRA CLARIFY AND SUPPLEMENT THE OPERATING REQUIREMENTS PRESCRIBED BY THE CITED 14 CFR SECTIONS. SECTION I. RESPONSE AND ENFORCEMENT: PURSUANT TO 49 USC 40103(B)(3), THE FAA HAS ESTABLISHED THE DC FRZ, A PART OF THE DC SFRA, AS 'NATIONAL DEFENSE AIRSPACE'. PERSONS WHO DO NOT ADHERE TO THE PROCEDURES PRESCRIBED BY THE CITED 14 CFR SECTIONS AND THIS NOTAM MAY FACE THE FOLLOWING RESPONSE AND ENFORCEMENT ACTION OUTLINED: A. PILOTS OF AIRCRAFT THAT DO NOT ADHERE TO THE PROCEDURES IN THE SPECIAL SECURITY REQUIREMENTS CONTAINED IN THIS NOTAM MAY BE INTERCEPTED, AND/OR DETAINED AND INTERVIEWED BY FEDERAL, STATE, OR LOCAL LAW ENFORCEMENT, OR OTHER GOVERNMENT PERSONNEL. B. PILOTS OF AIRCRAFT THAT DO NOT ADHERE TO THE PROCEDURES IN THE SPECIAL SECURITY REQUIREMENTS CONTAINED IN THIS NOTAM MAY FACE FAA ADMINISTRATIVE ENFORCEMENT ACTION, INCLUDING IMPOSING CIVIL PENALTIES AND THE SUSPENSION OR REVOCATION OF AIRMEN CERTIFICATES. C. ANY PERSON WHO KNOWINGLY OR WILLFULLY VIOLATES THE RULES CONCERNING OPERATIONS IN THIS AIRSPACE MAY BE SUBJECT TO CRIMINAL PENALTIES UNDER 49 USC SECTION 46307. D. THE U.S. GOVERNMENT MAY USE DEADLY FORCE AGAINST A FLIGHT OPERATING IN THE DC SFRA, INCLUDING THE DC FRZ, IF IT IS DETERMINED THAT

THE AIRCRAFT POSES AN IMMINENT SECURITY THREAT. SECTION II. OPERATING REQUIREMENTS: ALL AIRCRAFT FLIGHT OPERATIONS ARE PROHIBITED WITHIN THE DC FRZ, A PART OF THE DC SFRA, UNLESS IN COMPLIANCE WITH 14 CFR SECTIONS 93.335, 93.337, 93.339, 93.341, 93.343, AND 93.345, AND THE FOLLOWING SUPPLEMENTAL SPECIAL SECURITY INSTRUCTIONS REQUIRED PURSUANT TO 14 CFR SECTION 99.7 AND 49 USC SECTION 40103(B)(3): A. APPLICATION OF DEFINITIONS IN 14 CFR SECTION 93.335: 1. A DC FRZ FLIGHT PLAN MUST BE FILED WITH FLIGHT SERVICE AT 8662257410. 2. A DC FRZ FLIGHT PLAN IS REQUIRED FOR VISUAL FLIGHT RULES (VFR) OPERATIONS IN THE DC FRZ. PILOTS MAY NOT FILE A DC FRZ FLIGHT PLAN WHILE AIRBORNE. B. ADDITIONS TO REQUIREMENTS IN 14 CFR SECTION 93.341DC FRZ: 1. AIRCRAFT OPERATING IN THE DC FRZ MUST BE EQUIPPED WITH AN OPERABLE TWO WAY RADIO CAPABLE OF COMMUNICATING WITH AIR TRAFFIC CONTROL (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 FRZ, EITHER IN AN AIRCRAFT THAT IS SUITABLY EQUIPPED, OR BY USE OF PORTABLE EQUIPMENT. 2. AIRCRAFT OPERATING VFR WITHIN OR TRANSITING THE DC FRZ WHO BECOMES AWARE OF AN INABILITY TO MAINTAIN RADIO CONTACT WITH ATC MUST IMMEDIATELY SQUAWK 7600 AND EXIT THE DC FRZ BY THE MOST DIRECT LATERAL ROUTE. A. IF THE DEPARTURE POINT IS WITHIN THE DC 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 DC FRZ VIA THE MOST DIRECT ROUTE. 3. ANY INSTRUMENT FLIGHT RULES (IFR) AIRCRAFT OPERATING WITHIN OR TRANSITING THE DC FRZ WHO BECOMES AWARE OF AN INABILITY TO MAINTAIN RADIO CONTACT WITH ATC MUST CONTINUE THE FLIGHT IN COMPLIANCE WITH THE TWOWAY RADIO COMMUNICATIONS FAILURE PROCEDURES FOUND IN THE FAA AERONAUTICAL INFORMATION MANUAL (AIM) AND/OR/ APPLICABLE FEDERAL AVIATION REGULATIONS (FAR). 4. AIRCRAFT OPERATING WITHIN OR TRANSITING THE DC FRZ WHO BECOMES AWARE OF AN INABILITY TO SQUAWK AN ASSIGNED TRANSPONDER CODE MUST IMMEDIATELY ADVISE ATC AND COMPLY WITH ALL INSTRUCTIONS. IF UNABLE TO CONTACT ATC, PILOTS MUST EXIT THE DC FRZ. A. IF THE DEPARTURE POINT IS WITHIN THE DC 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 DC FRZ VIA THE MOST DIRECT ROUTE. 5. THE FOLLOWING OPERATIONS ARE NOT AUTHORIZED WITHIN THE DC FRZ: A. FLIGHT TRAINING. B. AEROBATIC FLIGHT. C. PRACTICE INSTRUMENT APPROACHES. D. GLIDER OPERATIONS. E. PARACHUTE OPERATIONS F. ULTRA LIGHT, HANG GLIDING. G. BALLOON OPERATIONS. H. TETHERED BALLOONS. I. AGRICULTURE/CROP DUSTING J. ANIMAL POPULATION CONTROL FLIGHT OPERATIONS. K. BANNER TOWING OPERATIONS. L. MAINTENANCE TEST FLIGHTS. M. UAS (INCLUDING MODEL AIRCRAFT, CIVIL, AND PUBLIC OPERATIONS). N. MODEL ROCKETRY. O. FLOAT PLANE OPERATIONS. P. AIRCRAFT/HELICOPTERS OPERATING FROM A SHIP OR PRIVATE/CORPORATE YACHT. 6. TRANSIT FLIGHTS ARE PROHIBITED EXCEPT FOR APPROVED OPERATORS LANDING OR DEPARTING AIRPORTS WITHIN THE SFRA ON ESTABLISHED ATC PROCEDURES. 7. ALL FEDERAL, STATE, AND LOCAL LAW ENFORCEMENT AND AIRCRAFT AIR AMBULANCE FLIGHTS MUST OBTAIN AND COMPLY WITH A FAA/TSA WAIVER FOR OPERATIONS WITHIN

THE DC FRZ. 8. DEPARTMENT OF DEFENSE (DOD) AND NATIONAL GUARD OPERATORS CONDUCTING VFR, ROTARY WING FLIGHTS IN THE DC FRZ MUST OBTAIN APPROVAL FROM THE FAA AT THE NCRCC AT 8665989525 PRIOR TO ENTERING THE FRZ. 9. APPROVED DOD, NATIONAL GUARD, LAW ENFORCEMENT, AND LIFEGUARD/AIR AMBULANCE OPERATORS MAY CONDUCT TRAINING/MAINTENANCE FLIGHTS WITHIN THE DC FRZ WITH PRIOR APPROVAL AND COORDINATION WITH THE FAA AT THE NCRCC AT 8665989522. A. THESE OPERATIONS ARE TO BE KEPT TO A MINIMUM CONSISTENT WITH FLIGHT SAFETY AND PILOT PROFICIENCY. 10. THE FAA OFFICE OF SYSTEM OPERATIONS SECURITY MAY EXEMPT OPERATORS FROM THE OUTLINED DC FRZ REQUIREMENTS BASED ON SAFETY, CRITICALITY, AND URGENCY OF THE PROPOSED FLIGHT. C. ADDITIONS TO REQUIREMENTS IN 14 CFR SECTION 93.341 OPERATIONS AT RONALD REAGAN WASHINGTON NATIONAL AIRPORT (DCA): 1. PART 121 AND 129 REGULARLY SCHEDULED AIR CARRIER FLIGHTS OPERATING IN COMPLIANCE WITH A TRANSPORTATION SECURITY ADMINISTRATION (TSA) STANDARD SECURITY PROGRAM THE APPROVED AIRCRAFT OPERATOR STANDARD SECURITY PROGRAM (AOSSP), FULL ALL CARGO AIRCRAFT OPERATOR STANDARD SECURITY PROGRAM (FACAOSSP) 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), AND ARE HEREIN REFERRED TO AS DCA APPROVED CARRIERS. 2. DCA APPROVED AIR CARRIERS, OPERATING UNSCHEDULED, CHARTER OR ADDITIONAL SECTIONS MAY OPERATE WITHOUT A WAIVER UNDER THE FOLLOWING CONDITIONS: A. ALL OPERATIONS MUST BE CONDUCTED IN ACCORDANCE WITH THEIR TSA AOSSP AND MUST DEPART A TSA OR EQUIVALENT SCREENED TERMINAL GATE. B. THE TSA NCRCC MUST BE NOTIFIED BY TELEPHONE AT LEAST ONE HOUR PRIOR TO DEPARTURE AT 8665989520. C. UNSCHEDULED OPERATIONS AT DCA REQUIRE A SLOT RESERVATION. ADDITIONAL INFORMATION MAY BE OBTAINED IN ADVISORY CIRCULAR (AC) 931. 3. 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: A. U.S. GOVERNMENT OPERATIONS (GOV). B. ELECTED OFFICIALS (ELO). C. SPECIAL OPERATIONS (SPO). D. DOD, NATIONAL GUARD E. LAW ENFORCEMENT. F. AIR AMBULANCE FLIGHTS. G. FLIGHTS BEING OPERATED IN COMPLIANCE WITH A TSA APPROVED AOSSP BUT ARE NOT DCA APPROVED AIR CARRIERS. 4. UNSCHEDULED OPERATIONS AT DCA REQUIRE A SLOT RESERVATION. A. ADDITIONAL INFORMATION MAY BE OBTAINED IN ADVISORY CIRCULAR (AC) 931. 5. DOD, NATIONAL GUARD, AND FEDERALLY OWNED AND OPERATED AIRCRAFT ON AN OPERATIONAL MISSION, WITH PRIOR FAA APPROVAL, MAY LAND AND DEPART DCA WITHOUT A WAIVER. A. APPROVAL FROM THE FAA NCRCC MUST BE OBTAINED AT LEAST ONE HOUR PRIOR TO DEPARTURE VIA TELEPHONE AT 8665989522. 6. DOD, NATIONAL GUARD, 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. 7. FOREIGN STATE OR DIPLOMATIC AIRCRAFT ARE NOT AUTHORIZED TO LAND OR DEPART AT DCA. D. ADDITIONS TO REQUIREMENTS IN 14 CFR SECTION 93.341 OPERATIONS AT ANDREWS AFB (ADW) AND DAVISON ARMY AIRFIELD (DAA): 1. DOD AND NATIONAL GUARD 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. 2. FEDERALLY OWNED AND OPERATED

AIRCRAFT MAY OPERATE AT ADW OR DAA WITHOUT AN FAA/TSA WAIVER. A. THESE APPROVED GOVERNMENT OPERATORS ARE RESPONSIBLE FOR THE SECURITY OF THEIR AIRCRAFT, CREW, AND PASSENGERS AND ARE REQUIRED TO NOTIFY THE FAA AT THE NCRCC ONE HOUR PRIOR TO DEPARTURE AT 8665989522. 3. 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: A. 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. B. NOTIFICATION TO THE TSA AT THE NCRCC VIA TELEPHONE AT 8665989520 IS REQUIRED AT LEAST ONE HOUR PRIOR TO DEPARTURE. 4. A FAA/TSA WAIVER IS REQUIRED FOR ALL: A. STATE GOVERNMENT AIRCRAFT. B. LOCAL GOVERNMENT AIRCRAFT. C. DOD CONTRACT OR NATIONAL GUARD CONTRACT INCLUDING CONTRACT AIRCRAFT USING MILITARY CALL SIGNS). D. ON DEMAND PASSENGER OR CARGO OPERATIONS. E. INCLUDING ALL PART 121, 125, 129, 135 FLIGHTS LANDING AND DEPARTING ADW OR DAA THAT ARE NOT OPERATED BY A DCA APPROVED CARRIER IN COMPLIANCE WITH A TSA APPROVED AOSSP. 5. NOTIFICATION TO THE TSA NCRCC VIA TELEPHONE AT 8665989520 IS REQUIRED AT LEAST ONE HOUR BEFORE DEPARTURE. 6. 14 CFR SECTION 93.341 (C)(4) STATES THAT PRIOR PERMISSION MAY BE REQUIRED TO LAND OR DEPART ADW OR DAA. A. A PRIOR PERMISSION REQUIRED (PPR) APPROVAL DOES NOT AUTHORIZE ENTRY INTO THE DC FRZ OR SUPERSEDE THESE NOTAM REQUIREMENTS. 7. 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. A. DAA IS NOT AUTHORIZED FOR FOREIGN DIPLOMATIC FLIGHTS. E. ADDITIONS TO REQUIREMENTS IN 14 CFR SECTION 93.343: 1. OPERATIONS TO OR FROM COLLEGE PARK AIRPORT (CGS), POTOMAC AIRFIELD (VKX), OR WASHINGTON EXECUTIVE/HYDE FIELD AIRPORT (W32): A DC SFRA FLIGHT PLAN WILL NOT FULFILL THE REQUIREMENTS OF A DC FRZ FLIGHT SECTION III. RESOURCES: A. ANY PILOT QUESTIONS REGARDING DC SFRA OR FRZ PROCEDURES SHOULD BE DIRECTED TO THE FAA SYSTEM OPERATIONS SECURITY REPRESENTATIVE AT THE NATIONAL CAPITAL REGION COORDINATION CENTER (NCRCC) AT 9AWAATSNCRCC@FAA.GOV OR (866) 5989522. B. FOR WAIVERS AND REQUIREMENTS IN THIS NOTAM THAT REQUIRE NOTIFICATION TO THE TSA AT THE NCRCC, CALL (866) 5989520. C. THE LATEST POTOMAC TRACON (PCT) LETTER TO AIRMEN CAN BE FOUND AT: [HTTP://NOTAMS.AIM.FAA.GOV/NOTAMSEARCH/](http://NOTAMS.AIM.FAA.GOV/NOTAMSEARCH/) (SEARCH LOCATION PCT). D. INFORMATION ABOUT FAA/TSA AIRSPACE WAIVER APPLICATIONS AND TSA SECURITY AUTHORIZATIONS CAN BE FOUND AT WWW.TSA.GOV/FORINDUSTRY/GENERALAVIATION. E. INDIVIDUALS MAY SUBMIT A REQUEST FOR A FAA WAIVER AT WAIVERS.FAA.GOV AFTER NORMAL BUSINESS HOURS. F. FOR EMERGENCY OR SHORT NOTICE REQUESTS, CONTACT TSA AT THE NCRCC AT (866) 5989520. G. FOR OPERATIONS IN THE DC FRZ, PILOTS WITH A WAIVER OR CONFIDENTIAL PILOT IDENTIFICATION CODE MUST CALL FLIGHT SERVICE AT 8662257410 TO FILE A DC FRZ FLIGHT PLAN. H. SPECIAL AWARENESS TRAINING FOR THE WASHINGTON DC METROPOLITAN AREA 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 WWW.FAASAFETY.GOV. IT IS

STRONGLY RECOMMENDED THAT ALL PILOTS FLYING UNDER VISUAL FLIGHT RULES (VFR) WITHIN 100 NM OF THE DCA VOR/DME ALSO COMPLETE THIS TRAINING. 12 OCT 03:01 2016 UNTIL PERM. CREATED: 12 OCT 00:24 2016

Convective SIGMET

None

SIGMET

None

AIRMET

AIRMET issued by the Aviation Weather Center Kansas City, Missouri on the 16th at 2045Z.

Boston Forecast Area AIRMET Zulu prepared on the 16th at 2045Z.

AIRMET Zulu update 3 for Ice and freezing level valid until the 17th at 0300Z.

AIRMET Ice...Connecticut Delaware Lake Erie Lake Ontario Massachusetts Maryland New Jersey New York Ohio Pennsylvania Rhode Island And coastal waters

From 20 miles northwest of Lester B. Pearson International (YYZ) to 20 miles east-north-east of ALB to 70 miles east of Nantucket Memorial, Nantucket, MA (ACK) to 140 miles east of Nantucket Memorial, Nantucket, MA (ACK) to 200 miles southeast of Nantucket Memorial, Nantucket, MA (ACK) to 160 miles southeast of SIE to 20 miles east of SBY to 30 miles southwest of Detroit, Detroit, MI (DXO) to 30 miles southeast of ECK to 20 miles northwest of Lester B. Pearson International (YYZ)

Moderate ice between freezing level and 160. Freezing level from the surface to 8,000 feet mean sea level. Conditions continuing beyond 0300Z ending 0600Z to 0900Z.

The freezing level ranges from the surface to 10,000 feet mean sea level across area.

Multiple freezing levels exist below 9,000 feet mean sea level within an area bounded by Detroit, Detroit, MI (DXO) to 40 miles south of Erie Intl/Tom Ridge Field, Erie, PA (ERI) to 40 miles south of JST to 30 miles southeast of EKN to Fort Wayne, Fort Wayne, IN (FWA) to Detroit, Detroit, MI (DXO).

Multiple freezing levels exist from 3,000 feet mean sea level to 10,000 feet mean sea level within an area bounded by 160 miles southeast of SIE to 190 miles east-south-east of Elizabeth City Cg Air Station/, Elizabeth City, NC (ECG) to 120 miles east-south-east of Elizabeth City Cg Air Station/, Elizabeth City, NC (ECG) to 60 miles east of Elizabeth City Cg Air Station/, Elizabeth City, NC (ECG) to 30 miles east-north-east of ORF to 160 miles southeast of SIE.

The freezing level is at the surface along a line from 30 miles north of Covington/Cincinnati, Covington, KY (CVG) to 40 miles northwest of Bellaire, Bellaire, OH (AIR) to 20 miles south-south-east of Ellwood City, Ellwood City, PA (EWC) to 20 miles west-south-west of Harrisburg, Harrisburg, PA (HAR) to 20 miles east-south-east of East Texas, East Texas, PA (ETX) to 110 miles east-south-east of Kennebunk, Kennebunk, ME (ENE) to 110 miles

southeast of BGR.

The freezing level is at 4,000 feet mean sea level along a line from 50 miles southwest of Rosewood, Rosewood, OH (ROD) to 20 miles west of Bellaire, Bellaire, OH (AIR) to 40 miles southeast of EKN to 40 miles west-south-west of SBY to 60 miles southeast of SBY to 120 miles southeast of SBY.

The freezing level is at 8,000 feet mean sea level along a line from 50 miles west-south-west of Raleigh County Memorial, Beckley, WV (BKW) to 30 miles south-south-east of PSK to 60 miles south of RIC.

AIRMET issued by the Aviation Weather Center Kansas City, Missouri on the 16th at 2045Z.

Chicago Forecast Area AIRMET Zulu prepared on the 16th at 2045Z.

AIRMET Zulu update 3 for Ice and freezing level valid until the 17th at 0300Z.

The freezing level ranges from the surface to 11,500 feet mean sea level across area.

Multiple freezing levels exist below 8,000 feet mean sea level within an area bounded by 80 miles south-south-east of FAR to 20 miles east-north-east of Detroit, Detroit, MI (DXO) to Fort Wayne, Fort Wayne, IN (FWA) to 70 miles south-south-east of Joe Foss Field, Sioux Falls, SD (FSD) to 50 miles west of LBL to Renner Field/Goodland Municipal, Goodland, KS (GLD) to Western Nebraska Rgnl/William, Scottsbluff, NE (BFF) to 80 miles south-south-east of FAR.

The freezing level is at the surface along a line from 30 miles north-north-west of Renner Field/Goodland Municipal, Goodland, KS (GLD) to 60 miles east-south-east of Rapid City Regional, Rapid City, SD (RAP) to 50 miles south-south-east of DPR to 20 miles north of PIR to 50 miles south-south-west of Aberdeen Regional, Aberdeen, SD (ABR) to 60 miles south of Joe Foss Field, Sioux Falls, SD (FSD) to 30 miles north of Covington/Cincinnati, Covington, KY (CVG).

The freezing level is at 4,000 feet mean sea level along a line from 20 miles north of Western Nebraska Rgnl/William, Scottsbluff, NE (BFF) to 20 miles east-south-east of Sidney Muni/Lloyd W. Carr Field, Sidney, NE (SNY) to 50 miles west-south-west of North Platte Regl-Lee Bird Field, North Platte, NE (LBF) to 50 miles east-north-east of North Platte Regl-Lee Bird Field, North Platte, NE (LBF) to 20 miles south of ONL to 50 miles east of ONL to 50 miles southwest of Rosewood, Rosewood, OH (ROD).

The freezing level is at 8,000 feet mean sea level along a line from 50 miles southeast of LAA to 40 miles northwest of Pawnee City, Pawnee City, NE (PWE) to 50 miles southwest of IOW to 40 miles northwest of IIU to 40 miles south-south-west of Covington/Cincinnati, Covington, KY (CVG) to 50 miles west of Henderson, Henderson, WV (HNN) to 50 miles west-south-west of Raleigh County Memorial, Beckley, WV (BKW).

AIRMET issued by the Aviation Weather Center Kansas City, Missouri on the

16th at 2045Z.

Boston Forecast Area AIRMET Zulu prepared on the 16th at 2045Z.

AIRMET Zulu update 3 for Ice and freezing level valid until the 17th at 0300Z.

The freezing level ranges from the surface to 10,000 feet mean sea level across area.

Multiple freezing levels exist below 9,000 feet mean sea level within an area bounded by Detroit, Detroit, MI (DXO) to 40 miles south of Erie Intl/Tom Ridge Field, Erie, PA (ERI) to 40 miles south of JST to 30 miles southeast of EKN to Fort Wayne, Fort Wayne, IN (FWA) to Detroit, Detroit, MI (DXO).

Multiple freezing levels exist from 3,000 feet mean sea level to 10,000 feet mean sea level within an area bounded by 160 miles southeast of SIE to 190 miles east-south-east of Elizabeth City Cg Air Station/, Elizabeth City, NC (ECG) to 120 miles east-south-east of Elizabeth City Cg Air Station/, Elizabeth City, NC (ECG) to 60 miles east of Elizabeth City Cg Air Station/, Elizabeth City, NC (ECG) to 30 miles east-north-east of ORF to 160 miles southeast of SIE.

The freezing level is at the surface along a line from 30 miles north of Covington/Cincinnati, Covington, KY (CVG) to 40 miles northwest of Bellaire, Bellaire, OH (AIR) to 20 miles south-south-east of Ellwood City, Ellwood City, PA (EWC) to 20 miles west-south-west of Harrisburg, Harrisburg, PA (HAR) to 20 miles east-south-east of East Texas, East Texas, PA (ETX) to 110 miles east-south-east of Kennebunk, Kennebunk, ME (ENE) to 110 miles southeast of BGR.

The freezing level is at 4,000 feet mean sea level along a line from 50 miles southwest of Rosewood, Rosewood, OH (ROD) to 20 miles west of Bellaire, Bellaire, OH (AIR) to 40 miles southeast of EKN to 40 miles west-south-west of SBY to 60 miles southeast of SBY to 120 miles southeast of SBY.

The freezing level is at 8,000 feet mean sea level along a line from 50 miles west-south-west of Raleigh County Memorial, Beckley, WV (BKW) to 30 miles south-south-east of PSK to 60 miles south of RIC.

AIRMET issued by the Aviation Weather Center Kansas City, Missouri on the 16th at 2045Z.

Boston Forecast Area AIRMET Tango prepared on the 16th at 2045Z.

AIRMET Tango update 3 for Turbulence and strong surface winds valid until the 17th at 0300Z.

AIRMET Turbulence...Connecticut District of Columbia Delaware Lake Erie Lake Ontario Massachusetts Maryland Maine New Hampshire New Jersey New York Ohio Pennsylvania Rhode Island Virginia Vermont West Virginia And coastal waters

From 30 miles southeast of Sherbrooke (YSC) to 140 miles east of Nantucket Memorial, Nantucket, MA (ACK) to 30 miles south-south-east of SBY to 30 miles north of Raleigh/Durham International, Raleigh/Durham, NC (RDU) to

HMV to Henderson, Henderson, WV (HNN) to BUF to MSS to 30 miles southeast of Sherbrooke (YSC)

Moderate turbulence below 12,000 feet. Conditions continuing beyond 0300Z ending 0600Z to 0900Z.

AIRMET issued by the Aviation Weather Center Kansas City, Missouri on the 16th at 2045Z.

Chicago Forecast Area AIRMET Tango prepared on the 16th at 2045Z.

AIRMET Tango update 6 for Turbulence valid until the 17th at 0300Z.

AIRMET Turbulence...Iowa Illinois Indiana Kansas Kentucky Lake Michigan Michigan Missouri Nebraska South Dakota Wisconsin

From 30 miles northwest of Mason City Municipal, Mason City, IA (MCW) to Detroit, Detroit, MI (DXO) to Fort Wayne, Fort Wayne, IN (FWA) to Covington/Cincinnati, Covington, KY (CVG) to Henderson, Henderson, WV (HNN) to HMV to Razorback, Fayetteville, AR (RZC) to Oswego, Oswego, KS (OSW) to 50 miles west of LBL to Renner Field/Goodland Municipal, Goodland, KS (GLD) to North Platte Regl-Lee Bird Field, North Platte, NE (LBF) to 30 miles northwest of Mason City Municipal, Mason City, IA (MCW)
Moderate turbulence between flight level 180 and 410. Conditions continuing beyond 0300Z through 0900Z.

AIRMET issued by the Aviation Weather Center Kansas City, Missouri on the 16th at 2045Z.

Boston Forecast Area AIRMET Tango prepared on the 16th at 2045Z.

AIRMET Tango update 3 for Turbulence and strong surface winds valid until the 17th at 0300Z.

AIRMET Turbulence...District of Columbia Delaware Georgia Lake Erie Maryland North Carolina New Jersey Ohio Pennsylvania South Carolina Virginia West Virginia And coastal waters

From Detroit, Detroit, MI (DXO) to 200 miles south of Nantucket Memorial, Nantucket, MA (ACK) to 160 miles southeast of SIE to 190 miles east-south-east of Elizabeth City Cg Air Station/, Elizabeth City, NC (ECG) to 130 miles south-south-east of ILM to 20 miles west of ATL to Choo Choo, Chattanooga, TN (GQO) to HMV to Henderson, Henderson, WV (HNN) to Covington/Cincinnati, Covington, KY (CVG) to Fort Wayne, Fort Wayne, IN (FWA) to Detroit, Detroit, MI (DXO)
Moderate turbulence between flight level 180 and 390. Conditions continuing beyond 0300Z through 0900Z.

AIRMET issued by the Aviation Weather Center Kansas City, Missouri on the 16th at 2045Z.

Boston Forecast Area AIRMET Tango prepared on the 16th at 2045Z.

AIRMET Tango update 3 for Turbulence and strong surface winds valid until the 17th at 0300Z.

Outlook valid 0300Z to 0900Z

AREA 1... Turbulence District of Columbia Delaware Lake Erie Lake Ontario

Maryland North Carolina New Jersey New York Ohio Pennsylvania Virginia West Virginia And coastal waters

Bounded by 20 miles west of Lester B. Pearson International (YYZ) to 190 miles south-south-east of Nantucket Memorial, Nantucket, MA (ACK) to 160 miles southeast of SIE to 190 miles east-south-east of Elizabeth City Cg Air Station/, Elizabeth City, NC (ECG) to 150 miles east-south-east of ILM to HMV to Henderson, Henderson, WV (HNN) to Covington/Cincinnati, Covington, KY (CVG) to Fort Wayne, Fort Wayne, IN (FWA) to 30 miles southeast of ECK to 20 miles west of Lester B. Pearson International (YYZ)
Moderate turbulence between flight level 250 and 370. Conditions continuing through 0900Z.

AIRMET issued by the Aviation Weather Center Kansas City, Missouri on the 16th at 2045Z.

Miami Forecast Area AIRMET Tango prepared on the 16th at 2045Z.

AIRMET Tango update 4 for Turbulence valid until the 17th at 0300Z.

Outlook valid 0300Z to 0900Z... Turbulence District of Columbia Delaware

Lake Erie Lake Ontario Maryland North Carolina New Jersey New York Ohio Pennsylvania Virginia West Virginia And coastal waters

Bounded by 20 miles west of Lester B. Pearson International (YYZ) to 190 miles south-south-east of Nantucket Memorial, Nantucket, MA (ACK) to 160 miles southeast of SIE to 190 miles east-south-east of Elizabeth City Cg Air Station/, Elizabeth City, NC (ECG) to 150 miles east-south-east of ILM to HMV to Henderson, Henderson, WV (HNN) to Covington/Cincinnati, Covington, KY (CVG) to Fort Wayne, Fort Wayne, IN (FWA) to 30 miles southeast of ECK to 20 miles west of Lester B. Pearson International (YYZ)
Moderate turbulence between flight level 250 and 370. Conditions continuing through 0900Z.

Center Weather Advisory

None

Severe Weather

None

UAS Operating Areas

None

Surface Observations

METAR KBAK 162045Z Columbus Municipal, Columbus, IN (KBAK). Dec 16, 2045Z.

Wind from 220° at 13 knots with gusts to 22 knots, 10 statute miles visibility, Sky Clear, Temperature 10°C, Dewpoint -6°C, Altimeter is 30.02.

METAR for KHBE is not available

METAR KHFY 162115Z AUTO Indy South Greenwood, Indianapolis, IN (KHFY). Dec 16, 2115Z, Automated. Wind from 220° at 10 knots, 10 statute miles visibility, Clear Skies, Temperature 13°C, Dewpoint -1°C, Altimeter is 30.00. Remarks: automated station with precipitation

discriminator hourly temp 12.5°C dewpoint -0.9°C

METAR KGEZ 162053Z AUTO Shelbyville Municipal, Shelbyville, IN (KGEZ). Dec 16, 2053Z, Automated. Wind from 220° at 17 knots, 10 statute miles visibility, Clear Skies, Temperature 11°C, Dewpoint -3°C, Altimeter is 29.99. Remarks: automated station with precipitation discriminator sea level pressure 1016.0 hectopascals hourly temp 11.1°C dewpoint -3.3°C 3-hour atmospheric pressure decreasing, then increasing (0.3 hectopascal decrease)

METAR KHLB 162115Z AUTO Batesville, Batesville, IN (KHLB). Dec 16, 2115Z, Automated. Wind from 190° at 7 knots with gusts to 13 knots, 10 statute miles visibility, Clear Skies, Temperature 9°C, Dewpoint -3°C, Altimeter is 30.02. Remarks: A01

METAR KRID 162135Z AUTO Richmond Municipal, Richmond, IN (KRID). Dec 16, 2135Z, Automated. Wind from 220° at 13 knots, 10 statute miles visibility, Clear Skies, Temperature 7°C, Dewpoint -3°C, Altimeter is 30.01. Remarks: automated station with precipitation discriminator

METAR KI67 162115Z AUTO Cincinnati West, Harrison, OH (KI67). Dec 16, 2115Z, Automated. Wind from 200° at 11 knots with gusts to 14 knots, 10 statute miles visibility, Clear Skies, Temperature 10°C, Dewpoint -3°C, Altimeter is 30.05. Remarks: automated station without precipitation discriminator

METAR KCVG 162052Z Covington/Cincinnati, Covington, KY (KCVG). Dec 16, 2052Z. Wind from 220° at 10 knots with gusts to 19 knots, 10 statute miles visibility, Clear Skies, Temperature 10°C, Dewpoint -3°C, Altimeter is 30.04. Remarks: automated station with precipitation discriminator sea level pressure 1017.6 hectopascals hourly temp 10.0°C dewpoint -2.8°C 3-hour atmospheric pressure decreasing, then increasing (0.6 hectopascal decrease)

METAR KHAO 162053Z AUTO Butler CO Rgnl-Hogan Field, Hamilton, OH (KHAO). Dec 16, 2053Z, Automated. Wind from 230° at 7 knots with gusts to 19 knots, 10 statute miles visibility, Clear Skies, Temperature 11°C, Dewpoint -3°C, Altimeter is 30.04. Remarks: automated station with precipitation discriminator sea level pressure 1017.7 hectopascals hourly temp 10.6°C dewpoint -3.3°C 3-hour atmospheric pressure decreasing then steady; or decreasing then decreasing more slowly by 0.8 hectopascals

METAR KLUK 162053Z Cincinnati Municipal Lunken, Cincinnati, OH (KLUK). Dec 16, 2053Z. Wind from 190° at 10 knots, 10 statute miles visibility,

Clear Skies, Temperature 10°C, Dewpoint -2°C, Altimeter is 30.07.
Remarks: automated station with precipitation discriminator sea level pressure 1018.4 hectopascals hourly temp 10.0°C dewpoint -1.7°C 3-hour atmospheric pressure decreasing, then increasing (0.7 hectopascal decrease)

METAR KMWO 162115Z AUTO Hook Field Municipal, Middletown, OH (KMWO). Dec 16, 2115Z, Automated. Wind from 210° at 9 knots, 10 statute miles visibility, Clear Skies, Temperature 9°C, Dewpoint -3°C, Altimeter is 30.04. Remarks: automated station with precipitation discriminator PWINO hourly temp 9.4°C dewpoint -3.1°C

METAR KI69 162115Z AUTO Clermont County, Batavia, OH (KI69). Dec 16, 2115Z, Automated. Wind from 210° at 8 knots, 10 statute miles visibility, Clear Skies, Temperature 10°C, Dewpoint -3°C, Altimeter is 30.07. Remarks: automated station with precipitation discriminator hourly temp 9.5°C dewpoint -3.4°C

METAR KI68 162115Z AUTO Warren County/John Lane Field, Lebanon, OH (KI68). Dec 16, 2115Z, Automated. Wind from 210° at 12 knots with gusts to 18 knots, 10 statute miles visibility, Clear Skies, Temperature 8°C, Dewpoint -2°C, Altimeter is 30.04. Remarks: automated station with precipitation discriminator

METAR KMGY 162053Z AUTO Dayton Wright Brothers, Dayton, OH (KMGY). Dec 16, 2053Z, Automated. Wind from 210° at 12 knots with gusts to 19 knots, 10 statute miles visibility, Clear Skies, Temperature 9°C, Dewpoint -4°C, Altimeter is 30.01. Remarks: automated station with precipitation discriminator sea level pressure 1016.7 hectopascals hourly temp 9.4°C dewpoint -3.9°C 3-hour atmospheric pressure decreasing, then increasing (0.6 hectopascal decrease)

METAR KI19 162115Z AUTO Greene County-Lewis A.Jackson, Dayton, OH (KI19). Dec 16, 2115Z, Automated. Wind from 220° at 12 knots with gusts to 15 knots, 10 statute miles visibility, Clear Skies, Temperature 9°C, Dewpoint -4°C, Altimeter is 30.03. Remarks: automated station with precipitation discriminator hourly temp 8.6°C dewpoint -4.1°C

METAR KSGH 162056Z AUTO Springfield-Beckley Municipal, Springfield, OH (KSGH). Dec 16, 2056Z, Automated. Wind from 210° at 13 knots with gusts to 17 knots, 10 statute miles visibility, Clear Skies, Temperature 8°C, Dewpoint -2°C, Altimeter is 30.00. Remarks: automated station with precipitation discriminator sea level pressure 1016.8 hectopascals hourly temp 8.3°C dewpoint -2.2°C 3-hour atmospheric pressure decreasing, then increasing (0.5 hectopascal decrease)

METAR KILN 162054Z AUTO Wilmington Air Park, Wilmington, OH (KILN). Dec 16, 2054Z, Automated. Wind from 220° at 14 knots, 10 statute miles visibility, Clear Skies, Temperature 8°C, Dewpoint -2°C, Altimeter is 30.03. Remarks: automated station with precipitation discriminator sea level pressure 1018.8 hectopascals hourly temp 8.3°C dewpoint -2.2°C 3-hour atmospheric pressure decreasing, then increasing (0.2 hectopascal decrease)

METAR KI23 162115Z AUTO Washington Court Hs-Fayette CO, Washington Court House, OH (KI23). Dec 16, 2115Z, Automated. Wind from 220° at 14 knots with gusts to 18 knots, 10 statute miles visibility, Clear Skies, Temperature 8°C, Dewpoint -2°C, Altimeter is 30.03. Remarks: automated station without precipitation discriminator

METAR KRZT 162115Z AUTO Ross County, Chillicothe, OH (KRZT). Dec 16, 2115Z, Automated. Wind from 210° at 10 knots, 10 statute miles visibility, Clear Skies, Temperature 8°C, Dewpoint -4°C, Altimeter is 30.05. Remarks: automated station with precipitation discriminator

METAR KLCK 162115Z AUTO Rickenbacker International, Columbus, OH (KLCK). Dec 16, 2115Z, Automated. Wind from 220° at 15 knots with gusts to 19 knots, 10 statute miles visibility, Clear Skies, Temperature 8°C, Dewpoint -2°C, Altimeter is 30.02. Remarks: automated station with precipitation discriminator hourly temp 7.8°C dewpoint -2.3°C

METAR KLHQ 162053Z AUTO Fairfield County, Lancaster, OH (KLHQ). Dec 16, 2053Z, Automated. Wind from 220° at 13 knots with gusts to 18 knots, 10 statute miles visibility, Clear Skies, Temperature 8°C, Dewpoint -3°C, Altimeter is 30.03. Remarks: automated station with precipitation discriminator sea level pressure 1017.6 hectopascals hourly temp 8.3°C dewpoint -2.8°C 3-hour atmospheric pressure decreasing, then increasing (0.6 hectopascal decrease)

METAR KUNI 162115Z AUTO Ohio University, Athens/Albany, OH (KUNI). Dec 16, 2115Z, Automated. Wind from 210° at 7 knots with gusts to 14 knots variable 190° to 250°, 10 statute miles visibility, Clear Skies, Temperature 9°C, Dewpoint -3°C, Altimeter is 30.07. Remarks: automated station with precipitation discriminator hourly temp 9.1°C dewpoint -2.7°C

METAR KPKB 162053Z Mid-Ohio Valley Regional, Parkersburg, WV (KPKB). Dec 16, 2053Z. Wind from 230° at 9 knots with gusts to 18 knots variable 200° to 270°, 10 statute miles visibility, Clear Skies, Temperature 8°C, Dewpoint -4°C, Altimeter is 30.08. Remarks: automated station with precipitation discriminator sea level pressure 1019.2 hectopascals hourly temp 8.3°C dewpoint -3.9°C 3-hour

atmospheric pressure decreasing then steady; or decreasing then decreasing more slowly by 1.1 hectopascals

METAR KCKB 162053Z North Central West Virginia, Clarksburg, WV (KCKB). Dec 16, 2053Z. Wind from 220° at 9 knots, 10 statute miles visibility, Clear Skies, Temperature 8°C, Dewpoint -4°C, Altimeter is 30.05. Remarks: automated station with precipitation discriminator sea level pressure 1018.0 hectopascals hourly temp 7.8°C dewpoint -3.9°C 3-hour atmospheric pressure decreasing then steady; or decreasing then decreasing more slowly by 0.9 hectopascals

METAR KMGW 162053Z Morgantown-Walter L Bill Hart, Morgantown, WV (KMGW). Dec 16, 2053Z. Wind from 210° at 9 knots, 10 statute miles visibility, Clear Skies, Temperature 7°C, Dewpoint -4°C, Altimeter is 30.04. Remarks: automated station with precipitation discriminator sea level pressure 1018.1 hectopascals hourly temp 6.7°C dewpoint -4.4°C 3-hour atmospheric pressure decreasing, then increasing (0.9 hectopascal decrease)

METAR K2G4 162110Z AUTO Garrett County, Oakland, MD (K2G4). Dec 16, 2110Z, Automated. Wind from 240° at 11 knots with gusts to 16 knots, 10 statute miles visibility, Clear Skies, Temperature 1°C, Dewpoint -5°C, Altimeter is 29.95. Remarks: automated station without precipitation discriminator

METAR KCBE 162106Z AUTO Greater Cumberland Regional, Cumberland, MD (KCBE). Dec 16, 2106Z, Automated. Wind from 230° at 3 knots, 10 statute miles visibility, Clear Skies, Temperature 8°C, Dewpoint -4°C, Altimeter is 30.07. Remarks: automated station without precipitation discriminator

METAR KOKV 162115Z AUTO Winchester Regional, Winchester, VA (KOKV). Dec 16, 2115Z, Automated. Wind from 190° at 5 knots, 10 statute miles visibility, Clear Skies, Temperature 7°C, Dewpoint -5°C, Altimeter is 30.04. Remarks: automated station with precipitation discriminator

METAR KMRB 162053Z AUTO Eastern WV Rgnl/Shepherd Field, Martinsburg, WV (KMRB). Dec 16, 2053Z, Automated. Wind from 260° at 12 knots, 10 statute miles visibility, Clear Skies, Temperature 9°C, Dewpoint -5°C, Altimeter is 30.03. Remarks: automated station with precipitation discriminator sea level pressure 1017.3 hectopascals hourly temp 8.9°C dewpoint -5.0°C 3-hour atmospheric pressure decreasing, then increasing (0.0 hectopascal decrease)

METAR KHGR 162053Z Hagerstown Rgnl-R A Henson Field, Hagerstown, MD (KHGR).

Dec 16, 2053Z. Wind from 270° at 8 knots, 10 statute miles visibility, Few clouds at 10,000 feet, Temperature 8°C, Dewpoint -4°C, Altimeter is 30.02. Remarks: automated station with precipitation discriminator sea level pressure 1018.2 hectopascals hourly temp 7.8°C dewpoint -3.9°C 3-hour atmospheric pressure decreasing or steady, then increasing; or increasing then increasing more rapidly by 0.1 hectopascals

METAR KJYO 162115Z AUTO Leesburg Executive, Leesburg, VA (KJYO). Dec 16, 2115Z, Automated. Wind from 220° at 6 knots, 10 statute miles visibility, Clear Skies, Temperature 7°C, Dewpoint -3°C, Altimeter is 30.08. Remarks: automated station with precipitation discriminator

METAR KRSP 162054Z AUTO KRSP. Dec 16, 2054Z, Automated. Wind from 310° at 11 knots with gusts to 24 knots, 10 statute miles visibility, Clear Skies, Temperature 4°C, Dewpoint -4°C, Altimeter is 29.98. Remarks: automated station with precipitation discriminator sea level pressure 1017.4 hectopascals hourly temp 3.9°C dewpoint -3.9°C 3-hour atmospheric pressure decreasing or steady, then increasing; or increasing then increasing more rapidly by 0.2 hectopascals \$

METAR for KRYT is not available

METAR KGAI 162056Z AUTO Montgomery County Airpark, Gaithersburg, MD (KGAI). Dec 16, 2056Z, Automated. Wind from 220° at 9 knots, 10 statute miles visibility, Clear Skies, Temperature 7°C, Dewpoint -6°C, Altimeter is 30.06. Remarks: automated station with precipitation discriminator sea level pressure 1021.3 hectopascals hourly temp 6.7°C dewpoint -5.6°C 3-hour atmospheric pressure decreasing, then increasing (0.5 hectopascal decrease)

METAR KDMW 162105Z AUTO Westminster/Carroll Co-Jb Page, Westminster, MD (KDMW). Dec 16, 2105Z, Automated. Wind from 210° at 6 knots, 10 statute miles visibility, Scattered Clouds at 10,000 feet, Temperature 6°C, Dewpoint -4°C, Altimeter is 30.03. Remarks: automated station with precipitation discriminator

METAR KFDK 162047Z Frederick Municipal, Frederick, MD (KFDK). Dec 16, 2047Z. Wind from 220° at 10 knots with gusts to 15 knots, 10 statute miles visibility, Sky Clear, Temperature 7°C, Dewpoint -8°C, Altimeter is 30.07.

Pilot Reports

None

Synopsis/Surface Analysis

Surface Analysis Chart

https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/SfcAnal_CONUS_REG_2017

12161946_201712162100_201712170000_674863.png

Area Forecast

None

Cloud Coverage

East 2100z

https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_CC_E_03_201712162100_REG_201712161800_201712162100_201712170000_000003.png

East 0000z

https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_CC_E_06_201712170000_REG_201712161800_201712162100_201712170000_000006.png

East 0300z

https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_CC_E_09_201712170300_REG_201712161800_201712162100_201712170000_000009.png

East 0600z

https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_CC_E_12_201712170600_REG_201712161800_201712162100_201712170000_000012.png

CONUS 2100z

https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_CC_US_03_201712162100_REG_201712161800_201712162100_201712170000_000003.png

CONUS 0000z

https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_CC_US_06_201712170000_REG_201712161800_201712162100_201712170000_000006.png

CONUS 0300z

https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_CC_US_09_201712170300_REG_201712161800_201712162100_201712170000_000009.png

CONUS 0600z

https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_CC_US_12_201712170600_REG_201712161800_201712162100_201712170000_000012.png

Vis, Sfc Winds & Precip

East 2100z

https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_VIS_E_03_201712162100_REG_201712161800_201712162100_201712170000_000003.png

East 0000z

https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_VIS_E_06_201712170000_REG_201712161800_201712162100_201712170000_000006.png

East 0300z

https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_VIS_E_09_201712170300_REG_201712161800_201712162100_201712170000_000009.png

East 0600z

https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_VIS_E_12_201712170600_REG_201712161800_201712162100_201712170000_000012.png

CONUS 2100z

https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_VIS_US_03_201712162100_REG_201712161800_201712162100_201712170000_000003.png

CONUS 0000z

https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_VIS_US_06_201712170000_REG_201712161800_201712162100_201712170000_000006.png

0000_REG_201712161800_201712162100_201712170000_000006.png

CONUS 0300z

https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_VIS_US_09_201712170300_REG_201712161800_201712162100_201712170000_000009.png

CONUS 0600z

https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_VIS_US_12_201712170600_REG_201712161800_201712162100_201712170000_000012.png

Terminal Forecasts

No TAF stations within 5 nm of departure. Refer to Area Forecast for forecast information.

Covington/Cincinnati, Covington, KY (KCVG). Amended Dec 16, 2100Z, valid from Dec 16, 2100Z until Dec 18, 0000Z, Wind from 220° at 10 knots with gusts to 18 knots, greater than 6 statute miles visibility, Few clouds at 25,000 feet

From Dec 16, 2200Z, Wind from 210° at 10 knots, greater than 6 statute miles visibility, Scattered Clouds at 25,000 feet

From Dec 17, 1000Z, Wind from 190° at 5 knots, greater than 6 statute miles visibility, Ceiling is Broken at 20,000 feet

From Dec 17, 1400Z, Wind from 190° at 6 knots, greater than 6 statute miles visibility, Ceiling is Overcast at 10,000 feet

From Dec 17, 1600Z, Wind from 190° at 7 knots, greater than 6 statute miles visibility, Light Showers Rain, Ceiling is Overcast at 5,000 feet.

Cincinnati Municipal Lunken, Cincinnati, OH (KLUK). Amended Dec 16, 2100Z, valid from Dec 16, 2100Z until Dec 17, 1800Z, Wind from 210° at 10 knots with gusts to 18 knots, greater than 6 statute miles visibility, Few clouds at 25,000 feet

From Dec 16, 2200Z, Wind from 210° at 11 knots, greater than 6 statute miles visibility, Scattered Clouds at 25,000 feet

From Dec 17, 1000Z, Wind from 190° at 5 knots, greater than 6 statute miles visibility, Ceiling is Broken at 20,000 feet

From Dec 17, 1400Z, Wind from 190° at 6 knots, greater than 6 statute miles visibility, Ceiling is Overcast at 10,000 feet

From Dec 17, 1600Z, Wind from 190° at 7 knots, greater than 6 statute miles visibility, Light Showers Rain, Ceiling is Overcast at 6,000 feet.

Wilmington Air Park, Wilmington, OH (KILN). Issued Dec 16, 1746Z, valid from Dec 16, 1800Z until Dec 17, 1800Z, Wind from 230° at 15 knots with gusts to 25 knots, greater than 6 statute miles visibility, Few clouds at 25,000 feet

From Dec 16, 2100Z, Wind from 210° at 10 knots, greater than 6 statute miles visibility, Scattered Clouds at 25,000 feet

From Dec 17, 0900Z, Wind from 190° at 7 knots, greater than 6 statute miles visibility, Ceiling is Broken at 25,000 feet

From Dec 17, 1600Z, Wind from 190° at 8 knots, greater than 6 statute miles visibility, Ceiling is Overcast at 10,000 feet.

Rickenbacker International, Columbus, OH (KLCK). Issued Dec 16, 1746Z, valid from Dec 16, 1800Z until Dec 17, 1800Z, Wind from 220° at 12 knots with gusts to 22 knots, greater than 6 statute miles

visibility, Few clouds at 25,000 feet

From Dec 16, 2000Z, Wind from 210° at 10 knots, greater than 6 statute miles visibility, Few clouds at 25,000 feet

From Dec 17, 0200Z, Wind is variable at 4 knots, greater than 6 statute miles visibility, Scattered Clouds at 25,000 feet

From Dec 17, 1000Z, Wind from 180° at 5 knots, greater than 6 statute miles visibility, Ceiling is Broken at 25,000 feet

From Dec 17, 1600Z, Wind from 180° at 5 knots, greater than 6 statute miles visibility, Ceiling is Overcast at 15,000 feet.

Mid-Ohio Valley Regional, Parkersburg, WV (KPKB). Issued Dec 16, 1720Z, valid from Dec 16, 1800Z until Dec 17, 1800Z, Wind from 230° at 9 knots with gusts to 18 knots, greater than 6 statute miles visibility, Sky Clear

From Dec 16, 2200Z, Wind from 220° at 6 knots, greater than 6 statute miles visibility, Sky Clear

From Dec 17, 0100Z, Wind is Calm, greater than 6 statute miles visibility, Sky Clear

From Dec 17, 1600Z, Wind from 200° at 5 knots, greater than 6 statute miles visibility, Ceiling is Broken at 15,000 feet.

North Central West Virginia, Clarksburg, WV (KCKB). Issued Dec 16, 1720Z, valid from Dec 16, 1800Z until Dec 17, 1800Z, Wind from 220° at 9 knots with gusts to 17 knots, greater than 6 statute miles visibility, Sky Clear

From Dec 16, 2200Z, Wind from 230° at 6 knots, greater than 6 statute miles visibility, Sky Clear

From Dec 17, 0100Z, Wind is Calm, greater than 6 statute miles visibility, Sky Clear

From Dec 17, 1600Z, Wind from 210° at 4 knots, greater than 6 statute miles visibility, Ceiling is Broken at 18,000 feet.

Morgantown-Walter L Bill Hart, Morgantown, WV (KMGW). Issued Dec 16, 1728Z, valid from Dec 16, 1800Z until Dec 17, 1800Z, Wind from 240° at 10 knots, greater than 6 statute miles visibility, Scattered Clouds at 15,000 feet

From Dec 16, 2300Z, Wind from 230° at 6 knots, greater than 6 statute miles visibility, Sky Clear

From Dec 17, 1300Z, Wind from 200° at 4 knots, greater than 6 statute miles visibility, Ceiling is Broken at 10,000 feet.

Eastern WV Rgnl/Shepherd Field, Martinsburg, WV (KMRB). Issued Dec 16, 1720Z, valid from Dec 16, 1800Z until Dec 17, 1800Z, Wind from 250° at 12 knots, greater than 6 statute miles visibility, Scattered Clouds at 5,000 feet, Ceiling is Broken at 20,000 feet

From Dec 16, 2000Z, Wind from 260° at 10 knots, greater than 6 statute miles visibility, Few clouds at 5,000 feet, Scattered Clouds at 20,000 feet

From Dec 16, 2300Z, Wind from 270° at 6 knots, greater than 6 statute miles visibility, Few clouds at 13,000 feet, Few clouds at 25,000 feet

From Dec 17, 1400Z, Wind is Calm, greater than 6 statute miles visibility, Few clouds at 4,500 feet, Scattered Clouds at 25,000 feet

From Dec 17, 1600Z, Wind is Calm, greater than 6 statute miles visibility, Scattered Clouds at 4,500 feet, Ceiling is Broken at 25,000 feet.

Convective Outlook

None

Winds Aloft Forecast

Filed-4k Filed-2k Filed Filed+2k Filed+4k

Station 030 060 070 090 110 120 130 150 180 240 300 340 390 450 530

170000Z

2000-0300Z

IND 250039 280030+06 283030+04 290030+02 283036-01 280039-03 280041-05 280045-09

280051-16 270059-27 270069-43 270095-50 270123-59 270107-64 280054-62

LOU 240032 280024+07 280025+05 280028+03 273030+00 270032-02 270033-04 270036-08

270041-15 270049-27 270098-39 270127-49 260134-58 270112-64 270062-65

FWA 250026 290025+03 290029+02 290039+00 283042-03 280044-05 280047-07 280054-11

280065-17 280073-28 280081-43 270084-52 270111-60

CVG 250036 280027+06 283028+04 290030+02 283036-01 280039-03 280040-05 280044-09

280050-16 270058-27 270073-42 270117-49 270133-58

CMH 240033 280038+02 283039+01 290041+00 283045-02 280047-04 280049-06 280055-10

280064-17 280074-28 280082-43 280091-52 280127-59

CRW 240029 290029+04 290031+03 290036+01 290042-01 290046-03 290047-05 290051-09

290056-16 280063-27 280079-42 280124-49 280139-58 280118-63 280067-65

EKN 290037+01 293040+00 300046-01 293052-02 290056-03 290057-05 290060-09 290065-16

290074-27 280085-43 280099-51 280136-58

AGC 250028 290039-03 290042-03 290048-04 296059-04 300065-05 298066-07 295069-11 290074-

18 290085-28 290099-43 280105-52 280126-60 280109-60 290061-61

PSB 290041-07 293046-06 300058-06 300065-08 300069-09 300072-10 300080-13 300092-18

290102-29 290117-44 290121-52 280125-61 290102-57 290068-61

EMI 270028 300042-04 300046-04 300056-04 300065-06 300070-07 300072-08 300077-12 300085-

17 290091-28 290106-43 280110-52 280130-59 290110-60 290069-63

170600Z

0300-1200Z

IND 280022 250026+06 253026+04 260027+02 260030-01 260032-03 260034-05 260039-09

260046-16 270061-26 260094-40 260114-51 260126-59 260097-64 270056-63

LOU 270024 250019+07 246021+05 240025+03 246026+00 250027-02 251031-03 255039-07

260051-13 270060-25 260089-39 260106-49 260127-60 260102-66 270062-66

FWA 280022 260027+05 263029+03 270035+00 270037-03 270038-05 270040-07 270045-11

270052-17 270063-28 270105-41 270125-51 270129-61

CVG 270034 260022+05 256023+04 250027+02 256031-01 260033-03 260035-05 260039-09

260046-15 270063-25 270100-40 260110-50 260127-60

CMH 280034 270031+05 270032+03 270035+00 270039-02 270041-04 270043-06 270047-10

270053-16 270066-27 280111-40 270123-51 270132-60

CRW 270028 280019+04 276023+03 270032+02 270036+00 270038-02 270040-04 270044-08

270050-15 270064-25 280101-39 270110-49 270134-60 270111-65 280071-66

EKN 280031+01 280034+01 280041+01 280045-01 280047-02 280048-04 280051-08 280056-15

280067-26 290115-39 280121-50 280138-60

AGC 270031 270030+00 276034+00 290042-01 283046-03 280048-05 281051-07 285058-11

290069-17 280081-28 280095-42 280133-50 280135-60 280106-64 280066-64

PSB 290033-02 290038-02 290049-03 290059-05 290064-06 290066-07 290072-11 290081-17

290091-29 290103-43 280108-52 290135-60 290108-60 290070-62

EMI 300027 290032-01 290036-01 290044-01 290051-03 290055-05 290058-07 290066-11 290078-17 290087-28 280094-43 290124-50 290142-60 290115-63 290072-64

171800Z

1200-0000Z

IND 230021 240023-02 250020-02 270015-03 250019-05 240022-06 241026-07 245034-11 250047-16 250070-27 260122-39 260129-49 260118-57 260091-60 270060-61

LOU 220016 230033+01 233037+00 240045+00 246047-03 250048-05 250054-06 250068-08 250088-11 260095-21 260101-39 260112-49 260115-59 250094-64 260070-66

FWA 220020 250028+00 253024+00 260016-02 246013-06 240012-09 240019-10 240033-12 240055-16 250054-28 250086-41 250109-48 260107-57

CVG 240019 220020-03 226027-02 240041-01 240045-03 240048-04 241053-05 245065-09 250083-14 250103-21 260116-39 260121-49 260120-60

CMH 220019 230029+01 230023+00 230013-03 230016-05 230018-06 233027-07 240046-11 250075-16 240096-25 260104-40 260115-50 260119-60

CRW 200011 230023+02 230026+00 230032-02 243049-02 250058-02 251059-03 255062-07 260067-13 260085-23 260101-40 270115-50 270118-60 260098-65 280064-62

EKN 260024+03 256025+00 250029-04 250028-06 250028-07 251034-08 255047-10 260066-13 270084-24 270104-41 270118-51 270120-60

AGC 210019 270029+02 266028+01 260026-01 266028-05 270029-07 268034-08 265046-11 260064-15 260086-25 270101-41 270112-51 270120-61 270098-62 280063-62

PSB 270022+01 273026+00 280034-02 280039-05 280042-07 280042-09 280044-13 280046-20 270076-25 270103-42 270115-53 280122-61 270104-61 290060-62

EMI 250010 270029+02 273030+01 280033-01 280038-04 280041-06 278044-07 275050-10 270060-15 270082-25 270099-41 280112-52 280118-60 270112-63 280071-64

All Apron NOTAMs

All published NOTAMs are available in the Notices to Airmen Publication (NTAP).

!GEZ 10/002 Shelbyville Municipal, Shelbyville, IN (KGEZ) Apron national guard ramp between parking pad B1 and parking pad B4 closed Oct 17, 2017 2314Z to Feb 17, 2018 2300Z

!LCK 12/310 Rickenbacker International, Columbus, OH (KLCK) Apron 1 ramp Center TXL closed Dec 29, 2016 1831Z to Dec 31, 2017 2000Z

!EKN 11/151 Marshall County, Moundsville, WV (KMPG) Apron main ramp work in progress construction W side Nov 22, 2017 1936Z to Dec 20, 2017 2000Z

All Taxiway NOTAMs

All published NOTAMs are available in the Notices to Airmen Publication (NTAP).

!CVG 10/179 Covington/Cincinnati, Covington, KY (KCVG) Taxiway S edge light between taxiway S5 and taxiway N west side decommissioned Oct 31, 2016 2102Z-permanent

!CVG 10/068 Covington/Cincinnati, Covington, KY (KCVG) Taxiway N edge light between taxiway S and DHL ramp north side decommissioned Oct 11, 2016 0139Z-permanent

!LUK 12/002 Cincinnati Municipal Lunken, Cincinnati, OH (KLUK) Taxiway H run-up pad closed Dec 01, 2017 0113Z to Dec 31, 2017 2200Z

!LUK 12/001 Cincinnati Municipal Lunken, Cincinnati, OH (KLUK) Taxiway H closed Dec 01, 2017 0112Z to Dec 31, 2017 2200Z

!MGY 09/008 Dayton Wright Brothers, Dayton, OH (KMGY) Taxiway A between approach end runway 20 and main ramp work in progress construction adjacent west edge lighted and barricaded Sep 26, 2017 1632Z to Mar 31, 2018 2000Z

!MGW 12/036 Morgantown-Walter L Bill Hart, Morgantown, WV (KMGW) Taxiway C east of runway 18/36 closed Dec 31, 2016 1525Z to Dec 31, 2017 2359Z

!EKN 11/051 Dawson Army Airfield, Camp Dawson (Kingwood), WV (K3G5) Taxiway all surface marking not standard Nov 07, 2017 0128Z to Sep 30, 2018 2359Z

!DCA 12/263 Montgomery County Airpark, Gaithersburg, MD (KGAI) Taxiway A2, A3 centerline markings not standard Dec 15, 2017 1808Z to Dec 29, 2017 2300Z

!DCA 12/262 Montgomery County Airpark, Gaithersburg, MD (KGAI) Taxiway all light all out of service Dec 15, 2017 1802Z to Dec 29, 2017 2300Z

All Runway NOTAMs

All published NOTAMs are available in the Notices to Airmen Publication (NTAP).

!BAK 12/023 Columbus Municipal, Columbus, IN (KBAK) Runway 32 precision approach path indicator out of service Dec 07, 2017 1426Z to Dec 21, 2017 2030Z

!HUF 08/465 Indy South Greenwood, Indianapolis, IN (KHFY) Runway 19 runway end ID light out of service Aug 24, 2017 2118Z to Feb 24, 2018 2111Z
Estimated

!GEZ 12/005 Shelbyville Municipal, Shelbyville, IN (KGEZ) Runway 01 precision approach path indicator out of service Dec 15, 2017 2205Z to Feb 28, 2018 2359Z

!HUF 11/467 Batesville, Batesville, IN (KHLB) Runway 36 runway end ID light out of service Nov 22, 2017 2204Z to Feb 22, 2018 2300Z Estimated

!HUF 02/496 Batesville, Batesville, IN (KHLB) Runway 18 runway end ID light

out of service Feb 23, 2017 1952Z-permanent

!HUF 07/122 Richmond Municipal, Richmond, IN (KRID) Runway 24 runway end ID light out of service Jul 06, 2017 1150Z to Jan 06, 2018 2111Z Estimated

!DAY 11/242 Cincinnati West, Harrison, OH (KI67) Runway 01 precision approach path indicator out of service Nov 20, 2017 1507Z to Dec 20, 2017 2359Z

!CVG 12/052 Covington/Cincinnati, Covington, KY (KCVG) Runway 18L/36R safety area irregular surface S side Dec 10, 2017 1443Z to Jan 07, 2018 2200Z

!CVG 12/028 Covington/Cincinnati, Covington, KY (KCVG) Runway 09/27 field condition 3/3/3 slippery when wet observed at Dec 08, 2017 2124Z. Dec 08, 2017 2124Z to Jan 07, 2018 2200Z

!DAY 09/230 Hook Field Municipal, Middletown, OH (KMWO) Runway 23 precision approach path indicator unusable Sep 20, 2017 1131Z to Mar 20, 2018 2111Z Estimated

!DAY 09/228 Hook Field Municipal, Middletown, OH (KMWO) Runway 05 precision approach path indicator unusable Sep 20, 2017 1130Z to Mar 20, 2018 2111Z Estimated

!DAY 12/646 Hook Field Municipal, Middletown, OH (KMWO) Runway 8/26 change to 3,000 feet X 150 feet Dec 24, 2013 1700Z-permanent

!MGY 08/010 Dayton Wright Brothers, Dayton, OH (KMGY) Runway 20 threshold displaced 586 feet. Declared distances: takeoff run available 5,000 feet takeoff distance available 5,000 feet accelerate-stop distance available 5,000 feet landing distance available 4,414 feet. Aug 14, 2014 0314Z-permanent

!ILN 12/014 Wilmington Air Park, Wilmington, OH (KILN) Runway 22 left approach light system out of service Dec 28, 2016 1250Z to Jan 03, 2018 1800Z Estimated

!ILN 12/013 Wilmington Air Park, Wilmington, OH (KILN) Runway 22 left runway visual range out of service Dec 28, 2016 1246Z to Jan 03, 2018 1800Z Estimated

!ILN 12/012 Wilmington Air Park, Wilmington, OH (KILN) Runway 04 right runway visual range out of service Dec 28, 2016 1245Z to Jan 03, 2018 1800Z Estimated

!DAY 10/153 Ross County, Chillicothe, OH (KRZT) Runway 23 runway end ID

light out of service Oct 13, 2017 1112Z to Apr 13, 2018 2111Z Estimated

!DAY 10/152 Ross County, Chillicothe, OH (KRZT) Runway 23 precision approach path indicator out of service Oct 13, 2017 1110Z to Apr 13, 2018 2111Z Estimated

!DAY 10/252 Pike County, Waverly, OH (KEOP) Runway 07 precision approach path indicator out of service Oct 20, 2017 1216Z to Apr 21, 2018 2111Z Estimated

!LHQ 11/002 Fairfield County, Lancaster, OH (KLHQ) Runway 28 runway end ID light out of service Nov 09, 2017 1418Z to May 09, 2018 2111Z Estimated

!LHQ 11/001 Fairfield County, Lancaster, OH (KLHQ) Runway 10 runway end ID light out of service Nov 09, 2017 1304Z to May 09, 2018 2111Z Estimated

!CLE 08/051 Noble County, Caldwell, OH (KI10) Runway 23 precision approach path indicator unusable Aug 03, 2017 1252Z to Feb 03, 2018 2111Z Estimated

!PKB 12/026 Mid-Ohio Valley Regional, Parkersburg, WV (KPKB) Runway 10 runway end ID light out of service Dec 15, 2017 1631Z to Dec 31, 2017 1630Z

!PKB 02/001 Mid-Ohio Valley Regional, Parkersburg, WV (KPKB) Runway 03 precision approach path indicator out of service Feb 01, 2017 1206Z to Dec 31, 2017 1205Z

!CLE 12/078 Monroe County, Woodsfield, OH (K4G5) Runway 25 runway end ID light out of service Dec 06, 2017 1256Z to Jun 06, 2018 2111Z Estimated

!AOO 06/239 Greene County, Waynesburg, PA (KWAY) Runway 27 visual approach slope indicator out of service Jun 30, 2017 1543Z to Jun 29, 2018 2000Z Estimated

!AOO 11/219 Joseph A. Hardy Connellsville, Connellsville, PA (KVVS) Runway 05 110 feet relocated threshold removed Nov 29, 2017 1904Z-permanent

!AOO 11/178 Joseph A. Hardy Connellsville, Connellsville, PA (KVVS) Runway 14 visual approach slope indicator out of service Nov 22, 2017 1902Z to Nov 21, 2018 1900Z

!AOO 11/177 Joseph A. Hardy Connellsville, Connellsville, PA (KVVS) Runway 14/32 REDL out of service Nov 22, 2017 1902Z to Nov 21, 2018 1900Z

!OKV 11/008 Winchester Regional, Winchester, VA (KOKV) Runway 32 sequenced {falling, flashing} light out of service Nov 17, 2017 1247Z to May 17, 2018 2111Z Estimated

!HGR 12/013 Hagerstown Rgnl-R A Henson Field, Hagerstown, MD (KHGR) Runway 09/27 E 1,500 feet work in progress heavy equipment E end Dec 14, 2017 1453Z to Dec 17, 2017 2100Z Estimated

!DCA 05/575 Davis, Laytonsville, MD (KW50) Runway 26 threshold displaced 160 feet marking not standard May 30, 2017 1141Z to Dec 31, 2017 1159Z

!DMW 10/007 Westminster/Carroll Co-Jb Page, Westminster, MD (KDMW) Runway 34 runway end ID light out of service Oct 17, 2017 2027Z to Dec 31, 2017 2359Z

!DMW 10/006 Westminster/Carroll Co-Jb Page, Westminster, MD (KDMW) Runway 16 runway end ID light out of service Oct 17, 2017 2027Z to Dec 31, 2017 2359Z

!DMW 01/001 Westminster/Carroll Co-Jb Page, Westminster, MD (KDMW) Runway 16 precision approach path indicator beyond 5DEG right of runway center line unusable Jan 03, 2017 1516Z to Dec 31, 2017 2359Z

All Aerodrome NOTAMs

All published NOTAMs are available in the Notices to Airmen Publication (NTAP).

!HUF 12/089 Batesville, Batesville, IN (KHLB) Aerodrome airport closed Dec 06, 2017 1631Z to Mar 05, 2018 1700Z

!DAY 04/125 Warren County/John Lane Field, Lebanon, OH (KI68) Aerodrome airport VFR traffic pattern altitude 1,900 feet Apr 13, 2017 1732Z-permanent

!EKN 11/058 Dawson Army Airfield, Camp Dawson (Kingwood), WV (K3G5) Aerodrome airport closed except military aircraft 24HR prior permission required 304-791-4070 OR 304-791-4183 Nov 07, 2017 2237Z to Sep 30, 2018 2359Z

!DCA 12/268 Montgomery County Airpark, Gaithersburg, MD (KGAI) Aerodrome airport deicing equipment not available Dec 15, 2017 1845Z to Dec 22, 2017 1845Z

!FDK 12/009 Frederick Municipal, Frederick, MD (KFDK) Aerodrome airport surface conditions not reported Dec 15, 2017 1958Z to Dec 18, 2017 1100Z

All Communication NOTAMs

All published NOTAMs are available in the Notices to Airmen Publication (NTAP).

!CKB 12/010 North Central West Virginia, Clarksburg, WV (CKB) Communication

VOR voice out of service Dec 07, 2017 1834Z to Jun 07, 2018 2111Z Estimated

!EKN 06/277 ESL Communication remote communication outlet out of service
Jul 01, 2016 1500Z to Jan 31, 2018 1500Z

!HGR 09/001 HGR Communication VOR voice out of service Sep 01, 2017 1739Z
to Mar 01, 2018 2111Z Estimated

All Navigation NOTAMs

All published NOTAMs are available in the Notices to Airmen Publication
(NTAP).

!HUF 05/571 Freeman Municipal, Seymour, IN (KSER) Navigation ILS runway 5
localizer decommissioned May 31, 2014 1702Z-permanent

!HUF 09/114 SHB Navigation TACAN azimuth decommissioned Sep 07, 2016
1720Z-permanent

!HUF 12/008 Richmond Municipal, Richmond, IN (KRID) Navigation ILS runway
24 localizer out of service Dec 01, 2017 1410Z to Jan 09, 2018 1800Z
Estimated

!CVG 12/074 Covington/Cincinnati, Covington, KY (KCVG) Navigation ILS runway
09 localizer/glide path/DME out of service Dec 19, 2017 1400Z to Dec 19,
2017 2200Z

!CVG 12/073 Covington/Cincinnati, Covington, KY (KCVG) Navigation ILS runway
27 localizer/glide path out of service Dec 19, 2017 1400Z to Dec 19, 2017
2200Z

!CVG 12/071 Covington/Cincinnati, Covington, KY (KCVG) Navigation ILS runway
18 center localizer/glide path/DME out of service Dec 18, 2017 1400Z to Dec
18, 2017 2200Z

!CVG 12/070 Covington/Cincinnati, Covington, KY (KCVG) Navigation ILS runway
36 center localizer/glide path/DME out of service Dec 18, 2017 1400Z to Dec
18, 2017 2200Z

!DAY 11/282 Hook Field Municipal, Middletown, OH (KMWO) Navigation ILS
runway 23 localizer out of service Nov 28, 2017 1300Z to Dec 20, 2017 2300Z

!SGH 01/001 Springfield-Beckley Municipal, Springfield, OH (KSGH)
Navigation ILS runway 24 localizer/glide path out of service Jan 04, 2017
1529Z to Dec 31, 2017 1529Z

!ILN 12/016 Wilmington Air Park, Wilmington, OH (KILN) Navigation ILS
runway 22 left out of service Dec 28, 2016 1324Z to Jan 03, 2018 1800Z

Estimated

!ILN 12/015 Wilmington Air Park, Wilmington, OH (KILN) Navigation ILS runway 04 right out of service Dec 28, 2016 1314Z to Jan 03, 2018 1800Z
Estimated

!DAY 10/249 Pike County, Waverly, OH (EOP) Navigation NDB out of service Oct 20, 2017 1145Z to Apr 20, 2018 2111Z Estimated

!LCK 11/044 Rickenbacker International, Columbus, OH (KLCK) Navigation ILS runway 05 right middle marker out of service Nov 30, 2017 1406Z to Nov 30, 2018 1800Z Estimated

!LCK 10/023 Rickenbacker International, Columbus, OH (KLCK) Navigation ILS runway 05 right outer marker out of service Oct 23, 2017 2216Z to Dec 31, 2017 2359Z Estimated

!DAY 12/093 Ohio University, Athens/Albany, OH (KUNI) Navigation ILS runway 25 localizer out of service Dec 06, 2017 1359Z to Jan 03, 2018 1800Z
Estimated

!MGW 12/004 Morgantown-Walter L Bill Hart, Morgantown, WV (MGW) Navigation VORTAC out of service Dec 05, 2017 1213Z to Jan 30, 2018 2000Z Estimated

!MGW 07/001 Morgantown-Walter L Bill Hart, Morgantown, WV (MGW) Navigation TACAN azimuth out of service Jul 06, 2017 1418Z to Jul 06, 2018 2000Z
Estimated

!EKN 12/009 GRV Navigation VOR out of service Dec 01, 2016 1547Z to Dec 29, 2017 2000Z Estimated

!EKN 06/276 ESL Navigation VOR/DME out of service Jul 01, 2016 1500Z to Jan 31, 2018 1500Z

!DCA 12/279 Westminster, Westminster, MD (EMI) Navigation VORTAC not monitor Dec 15, 2017 2051Z to Dec 18, 2017 2000Z Estimated

!GPS 12/043 GPS Navigation PRN 06 out of service Dec 19, 2017 0845Z to Dec 19, 2017 2045Z

All Service NOTAMs

All published NOTAMs are available in the Notices to Airmen Publication (NTAP).

!DAY 12/094 Hook Field Municipal, Middletown, OH (KMWO) Service automated weather broadcast system 120.025 Out of service Dec 06, 2017 1415Z to Jan 31, 2018 2359Z

!CKB 05/012 North Central West Virginia, Clarksburg, WV (KCKB) Service tower OPN daily 1100-0300 May 10, 2017 1100Z to Apr 05, 2018 0300Z
All Obstruction NOTAMs
All published NOTAMs are available in the Notices to Airmen Publication (NTAP).

!BAK 12/025 Columbus Municipal, Columbus, IN (KBAK) Obstruction tower light (Antenna Structure Registration 1035495) 39° 13' 44.00" North 085° 58' 46.00" West (4.4 Nautical miles west-south-west BAK) 934.1 Feet (303.1 Feet above ground level) out of service Dec 08, 2017 1835Z to Dec 23, 2017 1835Z

!BAK 12/046 Columbus Municipal, Columbus, IN (KBAK) Obstruction tower light (Antenna Structure Registration 1273101) 39° 23' 44.70" North 085° 46' 44.10" West (9.8 Nautical miles NE BAK) 1012.8 Feet (279.9 Feet above ground level) out of service Dec 13, 2017 2352Z to Jan 13, 2018 1200Z

!HUF 12/369 Indy South Greenwood, Indianapolis, IN (KHFY) Obstruction tower light (Antenna Structure Registration 1244365) 39° 32' 31.90" North 086° 05' 26.20" West (5.1 Nautical mile S HFY) 1041.7 Feet (259.8 Feet above ground level) out of service Dec 13, 2017 0726Z to Dec 27, 2017 1300Z

!HUF 12/124 Indy South Greenwood, Indianapolis, IN (KHFY) Obstruction tower light (Antenna Structure Registration 1057698) 39° 32' 51.00" North 086° 15' 37.00" West (9.3 Nautical miles west-south-west HFY) 1047.2 Feet (305.1 Feet above ground level) out of service Dec 08, 2017 0419Z to Dec 22, 2017 0419Z

!HUF 12/078 Freeman Municipal, Seymour, IN (KSER) Obstruction tower light (Antenna Structure Registration 1248362) 38° 52' 27.70" North 086° 03' 37.10" West (7.7 Nautical miles west-south-west SER) 883.9 Feet (315.9 Feet above ground level) out of service Dec 05, 2017 2305Z to Jan 07, 2018 2359Z

!GEZ 12/004 Shelbyville Municipal, Shelbyville, IN (KGEZ) Obstruction tower light (Antenna Structure Registration 1240810) 39° 36' 04.30" North 085° 51' 25.40" West (2.6 Nautical miles west-north-west GEZ) 989.2 Feet (206.0 Feet above ground level) out of service Dec 12, 2017 0229Z to Dec 26, 2017 0229Z

!HUF 12/492 North Vernon, North Vernon, IN (KOVO) Obstruction tower light (Antenna Structure Registration 1265926) 39° 03' 56.80" North 085° 41' 54.10" West (4.5 Nautical miles west-north-west OVO) 998.0 Feet (299.9 Feet above ground level) out of service Dec 16, 2017 0437Z to Jan 15, 2018 1300Z

!HUF 12/140 North Vernon, North Vernon, IN (KOVO) Obstruction tower light (Antenna Structure Registration 1226478) 38° 59' 04.00" North 085° 39'

52.30" West (4.6 Nautical miles southwest OVO) 947.5 Feet (246.7 Feet above ground level) out of service Dec 09, 2017 0709Z to Dec 23, 2017 1300Z

!HUF 12/123 Greensburg Municipal, Greensburg, IN (KI34) Obstruction tower light (Antenna Structure Registration 1034367) 39° 20' 28.00" North 085° 42' 35.00" West (8.7 Nautical miles W I34) 1053.8 Feet (257.9 Feet above ground level) out of service Dec 08, 2017 0409Z to Dec 22, 2017 0409Z

!HUF 12/099 Greensburg Municipal, Greensburg, IN (KI34) Obstruction tower light (Antenna Structure Registration 1203486) 39° 27' 17.00" North 085° 37' 42.00" West (9.1 Nautical mile north-north-west I34) 1170.6 Feet (307.7 Feet above ground level) out of service Dec 07, 2017 0126Z to Dec 22, 2017 0126Z

!HUF 12/237 Greensburg Municipal, Greensburg, IN (KI34) Obstruction tower light (Antenna Structure Registration 1267353) 39° 11' 22.50" North 085° 34' 12.50" West (8.6 Nautical miles south-south-west I34) 1130.9 Feet (294.9 Feet above ground level) out of service Dec 10, 2017 0957Z to Jan 10, 2018 1200Z

!HUF 12/296 Greensburg Municipal, Greensburg, IN (KI34) Obstruction tower light (Antenna Structure Registration 1022029) 39° 14' 13.00" North 085° 34' 00.00" West (5.8 Nautical miles south-south-west I34) 1397.6 Feet (498.7 Feet above ground level) out of service Dec 11, 2017 2126Z to Dec 22, 2017 2359Z

!HUF 12/282 North Vernon, North Vernon, IN (KOVO) Obstruction tower light (Antenna Structure Registration 1228067) 39° 01' 19.10" North 085° 31' 18.60" West (4.1 Nautical mile east-south-east OVO) 1048.9 Feet (253.9 Feet above ground level) out of service Dec 11, 2017 0832Z to Dec 26, 2017 1300Z

!HUF 12/125 New Castle-Henry CO Municipal, New Castle, IN (KUWL) Obstruction tower light (Antenna Structure Registration 1222840) 39° 42' 05.20" North 085° 25' 48.40" West (11.6 Nautical miles south-south-west UWL) 1254.6 Feet (259.8 Feet above ground level) out of service Dec 08, 2017 0610Z to Dec 22, 2017 1300Z

!HUF 12/367 Mettel Field, Connersville, IN (KCEV) Obstruction tower light (Antenna Structure Registration 1027085) 39° 37' 37.00" North 085° 24' 27.00" West (13.47 Nautical miles west-south-west CEV) 1,285 feet (315FT above ground level) out of service Dec 13, 2017 0718Z to Dec 28, 2017 0718Z

!HUF 12/106 Batesville, Batesville, IN (KHLB) Obstruction tower light (Antenna Structure Registration 1265609) 39° 23' 43.40" North 085° 18' 52.10" West (4.1 Nautical mile northwest HLB) 1285.8 Feet (256.9 Feet above

ground level) out of service Dec 07, 2017 0923Z to Dec 22, 2017 1300Z

!HUF 12/333 Batesville, Batesville, IN (KHLB) Obstruction tower light (Antenna Structure Registration 1278376) 39° 07' 27.70" North 085° 08' 00.80" West (14.3 Nautical miles south-south-east HLB) 1260.8 Feet (270.0 Feet above ground level) out of service Dec 12, 2017 1313Z to Jan 12, 2018 2359Z

!CVG 12/019 Covington/Cincinnati, Covington, KY (KCVG) Obstruction tower light (Antenna Structure Registration 1234616) 39° 01' 33.20" North 085° 03' 53.60" West (18.5 Nautical miles W CVG) 1092.8 Feet (215.9 Feet above ground level) out of service Dec 07, 2017 0924Z to Dec 22, 2017 1300Z

!HUF 12/365 Brookville Reservoir Seaplane, Brookville, IN (K12I) Obstruction tower light (Antenna Structure Registration 1031186) 39° 29' 49.00" North 085° 03' 22.00" West (3.4 Nautical miles southwest 12I) 1278.2 Feet (272.3 Feet above ground level) out of service Dec 13, 2017 0616Z to Jan 12, 2018 1300Z

!DAY 11/206 Cincinnati West, Harrison, OH (KI67) Obstruction tower light (Antenna Structure Registration 1017784) 39° 16' 41.00" North 084° 57' 51.00" West (8.9 Nautical miles W I67) 1300.9 Feet (297.9 Feet above ground level) out of service Nov 17, 2017 1409Z to Dec 17, 2017 1200Z

!HUF 11/436 Brookville Reservoir Seaplane, Brookville, IN (K12I) Obstruction tower light (Antenna Structure Registration 1295673) 39° 30' 33.50" North 084° 58' 21.00" West (1.9 Nautical miles southeast 12I) 1263.8 Feet (295.9 Feet above ground level) out of service Nov 20, 2017 1637Z to Jan 05, 2018 1933Z

!CVG 12/021 Covington/Cincinnati, Covington, KY (KCVG) Obstruction tower light (Antenna Structure Registration 1298536) 39° 00' 54.30" North 084° 48' 09.90" West (6.6 Nautical miles west-south-west CVG) 1144.0 Feet (314.0 Feet above ground level) out of service Dec 07, 2017 1532Z to Jan 15, 2018 1831Z

!DAY 12/255 Cincinnati West, Harrison, OH (KI67) Obstruction tower light (Antenna Structure Registration 1061281) 39° 16' 19.00" North 084° 49' 01.00" West (2.1 Nautical mile west-north-west I67) 869.1 Feet (311.0 Feet above ground level) out of service Dec 14, 2017 0249Z to Jan 13, 2018 1200Z

!DAY 11/244 Miami University, Oxford, OH (KOXD) Obstruction tower light (Antenna Structure Registration 1015428) 39° 30' 22.00" North 084° 44' 12.00" West (2.2 Nautical miles E OXD) 1239.2 Feet (346.1 Feet above ground level) out of service Nov 20, 2017 1758Z to Jan 05, 2018 1806Z

!HUF 12/415 Richmond Municipal, Richmond, IN (KRID) Obstruction tower light (Antenna Structure Registration 1229035) 39° 41' 10.70" North 084° 40' 02.60" West (9.1 Nautical mile east-south-east RID) 1357.9 Feet (278.9 Feet above ground level) out of service Dec 14, 2017 0159Z to Dec 28, 2017 0500Z

!LUK 12/011 Cincinnati Municipal Lunken, Cincinnati, OH (KLUK) Obstruction tower light (Antenna Structure Registration 1017771) 39° 07' 23.00" North 084° 32' 49.00" West (6.1 Nautical mile W LUK) 968.2 Feet (289.0 Feet above ground level) out of service Dec 08, 2017 0004Z to Jan 07, 2018 1900Z

!HAO 12/003 Butler CO Rgnl-Hogan Field, Hamilton, OH (KHAO) Obstruction tower light (Antenna Structure Registration 1229657) 39° 16' 44.80" North 084° 33' 56.90" West (5.5 Nautical miles south-south-west HAO) 1247.7 Feet (379.9 Feet above ground level) out of service Dec 14, 2017 1441Z to Feb 28, 2018 2359Z

!DAY 12/103 Brookville Air-Park, Brookville, OH (KI62) Obstruction tower light (Antenna Structure Registration 1296067) 39° 45' 26.90" North 084° 33' 19.50" West (8.5 Nautical miles southwest I62) 1276.9 Feet (315.0 Feet above ground level) out of service Dec 07, 2017 1726Z to Dec 22, 2017 1726Z

!LUK 12/008 Cincinnati Municipal Lunken, Cincinnati, OH (KLUK) Obstruction tower light (Antenna Structure Registration 1045300) 39° 00' 35.00" North 084° 26' 52.00" West (5.8 Nautical miles south-south-west LUK) 1187.0 Feet (357.0 Feet above ground level) out of service Dec 07, 2017 0508Z to Dec 21, 2017 0508Z

!LUK 12/006 Cincinnati Municipal Lunken, Cincinnati, OH (KLUK) Obstruction tower light (Antenna Structure Registration 1045298) 39° 00' 26.00" North 084° 26' 35.00" West (5.9 Nautical miles S LUK) 1168.0 Feet (357.9 Feet above ground level) out of service Dec 07, 2017 0342Z to Dec 21, 2017 0342Z

!LUK 12/013 Cincinnati Municipal Lunken, Cincinnati, OH (KLUK) Obstruction tower light (Antenna Structure Registration 1045296) 39° 00' 36.00" North 084° 26' 36.00" West (5.7 Nautical miles south-south-west LUK) 1137.8 Feet (357.9 Feet above ground level) out of service Dec 11, 2017 0300Z to Dec 25, 2017 0330Z

!LUK 12/007 Cincinnati Municipal Lunken, Cincinnati, OH (KLUK) Obstruction tower light (Antenna Structure Registration 1045297) 39° 00' 31.00" North 084° 26' 35.00" West (5.8 Nautical miles S LUK) 1187.7 Feet (357.6 Feet above ground level) out of service Dec 07, 2017 0343Z to Dec 21, 2017 0343Z

!DAY 12/246 Brookville Air-Park, Brookville, OH (KI62) Obstruction tower light (Antenna Structure Registration 1242170) 39° 44' 45.00" North 084° 31' 04.00" West (8.1 Nautical mile south-south-west I62) 1210.0 Feet (294.9

Feet above ground level) out of service Dec 13, 2017 1901Z to Jan 13, 2018 1200Z

!LUK 12/016 Cincinnati Municipal Lunken, Cincinnati, OH (KLUK) Obstruction tower light (Antenna Structure Registration 1014762) 39° 14' 00.20" North 084° 26' 34.30" West (7.9 Nautical miles N LUK) 812.0 Feet (255.9 Feet above ground level) out of service Dec 15, 2017 1655Z to Dec 30, 2017 1654Z

!HAO 12/001 Butler CO Rgnl-Hogan Field, Hamilton, OH (KHAO) Obstruction tower light (Antenna Structure Registration 1015497) 39° 21' 11.70" North 084° 25' 01.50" West (4.9 Nautical miles E HAO) 1351.0 Feet (473.1 Feet above ground level) out of service Dec 02, 2017 0744Z to Jan 02, 2018 1200Z

!HAO 12/002 Butler CO Rgnl-Hogan Field, Hamilton, OH (KHAO) Obstruction tower light (Antenna Structure Registration 1217733) 39° 16' 17.00" North 084° 21' 46.20" West (9.2 Nautical miles southeast HAO) 1083.0 Feet (232.0 Feet above ground level) out of service Dec 06, 2017 1424Z to Jan 05, 2018 1200Z

!LUK 12/015 Cincinnati Municipal Lunken, Cincinnati, OH (KLUK) Obstruction tower light (Antenna Structure Registration 1229659) 39° 08' 15.30" North 084° 19' 02.60" West (5.2 Nautical miles east-north-east LUK) 815.9 Feet (274.9 Feet above ground level) out of service Dec 14, 2017 1440Z to Feb 28, 2018 2359Z

!DAY 11/320 Hook Field Municipal, Middletown, OH (KMWO) Obstruction tower light (Antenna Structure Registration 1015302) 39° 30' 57.00" North 084° 21' 05.00" West (2.3 Nautical miles east-south-east MWO) 1403.2 Feet (540.0 Feet above ground level) out of service Nov 30, 2017 1541Z to Dec 31, 2017 2359Z

!DAY 12/284 Warren County/John Lane Field, Lebanon, OH (KI68) Obstruction tower light (Antenna Structure Registration 1044080) 39° 21' 11.00" North 084° 19' 31.00" West (7.4 Nautical miles south-south-west I68) 1570.5 Feet (745.4 Feet above ground level) out of service Dec 15, 2017 2006Z to Dec 30, 2017 0758Z

!DAY 11/291 Warren County/John Lane Field, Lebanon, OH (KI68) Obstruction tower light (Antenna Structure Registration 1017775) 39° 28' 07.00" North 084° 19' 37.00" West (3.5 Nautical miles W I68) 975.1 Feet (300.2 Feet above ground level) out of service Nov 28, 2017 0549Z to Dec 28, 2017 1900Z

!DAY 12/095 Clermont County, Batavia, OH (KI69) Obstruction tower light (Antenna Structure Registration 1267720) 39° 12' 46.30" North 084° 14' 07.50" West (8.2 Nautical miles N I69) 1044.0 Feet (194.9 Feet above ground level) out of service Dec 06, 2017 1947Z to Dec 21, 2017 1947Z

!DAY 12/097 Dayton/Moraine Air Park, Dayton, OH (KI73) Obstruction tower light (Antenna Structure Registration 1013379) 39° 42' 58.00" North 084° 15' 23.00" West (2.2 Nautical miles north-north-west I73) 1214.9 Feet (254.9 Feet above ground level) out of service Dec 06, 2017 2225Z to Jan 05, 2018 2225Z

!DAY 12/279 Dayton/Moraine Air Park, Dayton, OH (KI73) Obstruction tower light (Antenna Structure Registration 1031857) 39° 40' 26.00" North 084° 14' 38.00" West (0.5 Nautical miles south-south-west I73) 916.7 Feet (199.8 Feet above ground level) out of service Dec 15, 2017 0926Z to Jan 14, 2018 1300Z

!DAY 12/283 Clermont County, Batavia, OH (KI69) Obstruction tower light (Antenna Structure Registration 1017773) 39° 01' 46.20" North 084° 09' 41.80" West (3.7 Nautical miles southeast I69) 1105.0 Feet (265.1 Feet above ground level) out of service Dec 15, 2017 1558Z to Jan 15, 2018 1200Z

!MGY 12/009 Dayton Wright Brothers, Dayton, OH (KMGY) Obstruction crane (Aeronautical Study Number 2017-above ground level-9212-NRA) 393539N0841340W (0.3 Nautical miles north-north-west MGY) 1,071 feet (120FT above ground level) flagged and lighted Dec 14, 2017 0900Z to Jan 31, 2018 2200Z

!DAY 12/088 Dayton Transportation Center, Dayton, OH (K5D7) Obstruction tower light (Antenna Structure Registration 1054530) 39° 43' 19.20" North 084° 12' 32.70" West (2.4 Nautical miles south-south-west 5D7) 1544.3 Feet (742.1 Feet above ground level) out of service Dec 06, 2017 0716Z to Dec 21, 2017 0716Z

!DAY 12/180 Dayton Transportation Center, Dayton, OH (K5D7) Obstruction tower light (Antenna Structure Registration 1038853) 39° 45' 38.70" North 084° 11' 46.40" West (0.4 Nautical miles west-north-west 5D7) 1033.8 Feet (294.9 Feet above ground level) out of service Dec 11, 2017 1809Z to Jan 10, 2018 1200Z

!DAY 12/178 Dayton Transportation Center, Dayton, OH (K5D7) Obstruction tower light (Aeronautical Study Number 2017-above ground level-14244-OE) 394539N0841146W (0.4 Nautical miles west-north-west 5D7) 1,074 feet (335FT above ground level) out of service Dec 11, 2017 1437Z-permanent

!DAY 12/171 James M Cox Dayton International, Dayton, OH (KDAY) Obstruction tower light (Antenna Structure Registration 1302961) 39° 48' 57.30" North 084° 12' 01.60" West (5.26 Nautical miles S DAY) 1,017 feet (210FT above ground level) out of service Dec 11, 2017 0258Z to Dec 26, 2017 0258Z

!DAY 12/077 Dayton/Moraine Air Park, Dayton, OH (KI73) Obstruction tower light (Antenna Structure Registration 1015857) 39° 40' 04.00" North 084° 10' 06.00" West (3.4 Nautical miles east-south-east I73) 1188.3 Feet (252.3 Feet above ground level) out of service Dec 05, 2017 0452Z to Dec 20, 2017 0452Z

!DAY 11/213 Clermont County, Batavia, OH (KI69) Obstruction tower light (Antenna Structure Registration 1213488) 39° 04' 23.80" North 084° 05' 07.10" West (5.8 Nautical miles E I69) 1212.6 Feet (305.8 Feet above ground level) out of service Nov 18, 2017 1903Z to Dec 18, 2017 1200Z

!DAY 12/182 Dayton/Moraine Air Park, Dayton, OH (KI73) Obstruction tower light (Antenna Structure Registration 1058681) 39° 40' 56.00" North 084° 09' 32.00" West (3.7 Nautical miles E I73) 1435.0 Feet (399.0 Feet above ground level) out of service Dec 12, 2017 0349Z to Dec 26, 2017 0349Z

!DAY 12/119 Clermont County, Batavia, OH (KI69) Obstruction tower light (Antenna Structure Registration 1248176) 39° 15' 31.20" North 084° 04' 35.80" West (12.6 Nautical miles north-north-east I69) 1214.9 Feet (317.9 Feet above ground level) out of service Dec 09, 2017 0626Z to Dec 23, 2017 1300Z

!DAY 12/075 Clermont County, Batavia, OH (KI69) Obstruction tower light (Antenna Structure Registration 1247979) 39° 08' 47.50" North 084° 02' 51.20" West (8.6 Nautical miles east-north-east I69) 1231.0 Feet (318.9 Feet above ground level) out of service Dec 04, 2017 2226Z to Dec 19, 2017 2359Z

!DAY 12/118 Wilmington/Clinton Field, Wilmington, OH (KI66) Obstruction tower light (Antenna Structure Registration 1014729) 39° 26' 31.00" North 083° 53' 13.00" West (3.8 Nautical miles south-south-west I66) 1292.0 Feet (257.9 Feet above ground level) out of service Dec 09, 2017 0331Z to Dec 23, 2017 0331Z

!DAY 12/117 Wilmington/Clinton Field, Wilmington, OH (KI66) Obstruction tower light (Antenna Structure Registration 1064378) 39° 30' 28.00" North 083° 49' 53.00" West (1.5 Nautical miles east-north-east I66) 1310.4 Feet (274.9 Feet above ground level) out of service Dec 08, 2017 2345Z to Dec 22, 2017 2345Z

!DAY 11/294 Hillsboro/Highland CO, Hillsboro, OH (KHOC) Obstruction tower light (Antenna Structure Registration 1257600) 39° 02' 14.50" North 083° 39' 53.70" West (10.9 Nautical miles south-south-west HOC) 1535.1 Feet (500.0 Feet above ground level) out of service Nov 28, 2017 1133Z to Dec 30, 2017 2359Z

!DAY 12/099 Hillsboro/Highland CO, Hillsboro, OH (KHOC) Obstruction tower light (Antenna Structure Registration 1014991) 39° 13' 21.80" North 083° 39' 33.50" West (5.9 Nautical miles west-north-west HOC) 1440.0 Feet (291.0 Feet above ground level) out of service Dec 07, 2017 0511Z to Dec 21, 2017 0511Z

!DAY 12/120 Washington Court Hs-Fayette CO, Washington Court House, OH (KI23) Obstruction tower light (Antenna Structure Registration 1014833) 39° 39' 09.20" North 083° 39' 44.90" West (12.1 Nautical mile west-north-west I23) 1336.0 Feet (256.9 Feet above ground level) out of service Dec 09, 2017 0905Z to Dec 24, 2017 0905Z

!DAY 12/114 Hillsboro/Highland CO, Hillsboro, OH (KHOC) Obstruction tower light (Antenna Structure Registration 1003727) 39° 17' 07.00" North 083° 37' 09.00" West (6.9 Nautical miles north-north-west HOC) 1458.7 Feet (278.9 Feet above ground level) out of service Dec 08, 2017 1651Z to Jan 07, 2018 2359Z

!DAY 12/254 Madison County, London, OH (KUYF) Obstruction tower light (Antenna Structure Registration 1291544) 39° 48' 56.50" North 083° 21' 10.20" West (8.6 Nautical miles southeast UYF) 1274.0 Feet (307.1 Feet above ground level) out of service Dec 13, 2017 2346Z to Jan 13, 2018 1200Z

!DAY 11/136 Washington Court Hs-Fayette CO, Washington Court House, OH (KI23) Obstruction tower light (Antenna Structure Registration 1015432) 39° 43' 50.00" North 083° 17' 30.00" West (11.4 Nautical miles north-north-east I23) 1164.7 Feet (239.8 Feet above ground level) out of service Nov 09, 2017 1638Z to Feb 01, 2018 1626Z

!DAY 12/064 Hillsboro/Highland CO, Hillsboro, OH (KHOC) Obstruction tower light (Antenna Structure Registration 1284039) 39° 13' 00.50" North 083° 16' 52.20" West (12.1 Nautical mile E HOC) 1331.0 Feet (354.0 Feet above ground level) out of service Dec 04, 2017 1415Z to Dec 19, 2017 1415Z

!TZR 12/034 Bolton Field, Columbus, OH (KTZR) Obstruction tower light (Antenna Structure Registration 1277490) 39° 45' 31.20" North 083° 06' 51.80" West (8.6 Nautical miles S TZR) 1143.0 Feet (296.9 Feet above ground level) out of service Dec 14, 2017 0544Z to Jan 14, 2018 0544Z

!DAY 12/059 Pickaway County Memorial, Circleville, OH (KCYO) Obstruction tower light (Antenna Structure Registration 1265144) 39° 35' 29.80" North 083° 04' 59.90" West (6.5 Nautical miles northwest CYO) 1051.2 Feet (310.0 Feet above ground level) out of service Dec 04, 2017 0321Z to Jan 02, 2018 0300Z

!DAY 12/060 Ross County, Chillicothe, OH (KRZT) Obstruction tower light

(Antenna Structure Registration 1249448) 39° 19' 22.30" North 083° 03' 36.60" West (7.3 Nautical miles south-south-west RZT) 1378.0 Feet (311.0 Feet above ground level) out of service Dec 04, 2017 0825Z to Jan 04, 2018 0825Z

!TZR 12/036 Bolton Field, Columbus, OH (KTZR) Obstruction tower light (Antenna Structure Registration 1014749) 39° 49' 09.90" North 083° 03' 43.30" West (6.0 Nautical miles southeast TZR) 1085.0 Feet (294.0 Feet above ground level) out of service Dec 16, 2017 2103Z to Dec 31, 2017 2103Z

!DAY 12/102 Pike County, Waverly, OH (KEOP) Obstruction tower light (Antenna Structure Registration 1220554) 39° 01' 20.00" North 083° 01' 14.00" West (9.8 Nautical miles south-south-west EOP) 1157.8 Feet (318.9 Feet above ground level) out of service Dec 07, 2017 1708Z to Jan 07, 2018 1200Z

!DAY 12/269 Pike County, Waverly, OH (KEOP) Obstruction tower light (Antenna Structure Registration 1013376) 39° 04' 01.90" North 083° 00' 18.80" West (7.0 Nautical miles south-south-west EOP) 1089.2 Feet (394.0 Feet above ground level) out of service Dec 14, 2017 1833Z to Jan 13, 2018 1200Z

!DAY 12/090 Pike County, Waverly, OH (KEOP) Obstruction tower light (Antenna Structure Registration 1219354) 39° 15' 38.50" North 082° 58' 24.90" West (6.0 Nautical miles north-north-west EOP) 1002.6 Feet (264.8 Feet above ground level) out of service Dec 06, 2017 0801Z to Dec 21, 2017 1300Z

!DAY 12/081 Ross County, Chillicothe, OH (KRZT) Obstruction tower light (Antenna Structure Registration 1013710) 39° 22' 40.00" North 082° 55' 58.00" West (5.6 Nautical miles southeast RZT) 1684.1 Feet (419.9 Feet above ground level) out of service Dec 05, 2017 1848Z to Jan 12, 2018 2359Z

!LCK 11/013 Rickenbacker International, Columbus, OH (KLCK) Obstruction tower light (Antenna Structure Registration 1047691) 39° 40' 03.00" North 082° 51' 06.00" West (9.4 Nautical miles south-south-east LCK) 1259.8 Feet (200.1 Feet above ground level) out of service Nov 09, 2017 1638Z to Feb 01, 2018 1626Z

!DAY 12/232 Pike County, Waverly, OH (KEOP) Obstruction tower light (Antenna Structure Registration 1215882) 39° 02' 26.50" North 082° 50' 02.90" West (8.7 Nautical miles south-south-east EOP) 1189.6 Feet (257.9 Feet above ground level) out of service Dec 13, 2017 0004Z to Dec 26, 2017 0004Z

!DAY 12/215 Pike County, Waverly, OH (KEOP) Obstruction tower light

(Antenna Structure Registration 1029446) 39° 08' 51.20" North 082° 47' 58.60" West (6.1 Nautical mile E EOP) 1339.9 Feet (313.0 Feet above ground level) out of service Dec 12, 2017 1654Z to Jan 12, 2018 1200Z

!DAY 12/079 Pike County, Waverly, OH (KEOP) Obstruction tower light (Antenna Structure Registration 1301673) 39° 08' 40.80" North 82° 47' 54.00" West (6.19 Nautical miles east-south-east EOP) 1,333 feet (305FT above ground level) out of service Dec 05, 2017 1040Z to Dec 20, 2017 1040Z

!DAY 12/274 Pike County, Waverly, OH (KEOP) Obstruction tower light (Antenna Structure Registration 1012513) 39° 09' 05.20" North 082° 47' 53.60" West (6.1 Nautical mile E EOP) 1299.9 Feet (270.0 Feet above ground level) out of service Dec 15, 2017 0050Z to Jan 05, 2018 1159Z Estimated

!LHQ 12/003 Fairfield County, Lancaster, OH (KLHQ) Obstruction tower light (Antenna Structure Registration 1023655) 39° 41' 17.60" North 082° 43' 21.00" West (5.1 Nautical mile southwest LHQ) 1417.0 Feet (265.1 Feet above ground level) out of service Dec 06, 2017 1943Z to Dec 21, 2017 1942Z

!DAY 12/286 James A Phodes, Jackson, OH (KI43) Obstruction tower light (Antenna Structure Registration 1221653) 39° 02' 34.90" North 082° 36' 30.40" West (4.0 Nautical miles north-north-west I43) 937.0 Feet (256.9 Feet above ground level) out of service Dec 16, 2017 0835Z to Jan 15, 2018 1300Z

!DAY 12/086 James A Phodes, Jackson, OH (KI43) Obstruction tower light (Antenna Structure Registration 1013709) 39° 01' 41.20" North 082° 35' 49.50" West (2.9 Nautical miles north-north-west I43) 1227.0 Feet (419.9 Feet above ground level) out of service Dec 06, 2017 0508Z to Jan 05, 2018 1300Z

!DAY 11/133 Mc Arthur/Vinton CO, Mc Arthur, OH (K22I) Obstruction tower light (Antenna Structure Registration 1015434) 39° 29' 53.00" North 082° 35' 48.00" West (12.4 Nautical miles northwest 22I) 1423.9 Feet (299.9 Feet above ground level) out of service Nov 09, 2017 1628Z to Feb 01, 2018 1626Z

!DAY 12/067 James A Phodes, Jackson, OH (KI43) Obstruction tower light (Antenna Structure Registration 1250358) 39° 07' 39.80" North 082° 33' 24.90" West (8.9 Nautical miles NE I43) 1208.0 Feet (312.0 Feet above ground level) out of service Dec 04, 2017 1802Z to Dec 19, 2017 1802Z

!DAY 11/255 Mc Arthur/Vinton CO, Mc Arthur, OH (K22I) Obstruction tower light (Antenna Structure Registration 1255149) 39° 28' 16.50" North 082° 14' 57.50" West (12.5 Nautical miles NE 22I) 1080.1 Feet (306.1 Feet above ground level) out of service Nov 22, 2017 0536Z to Dec 22, 2017 1300Z

!CLE 12/129 Perry County, New Lexington, OH (KI86) Obstruction tower light (Antenna Structure Registration 1261481) 39° 28' 49.30" North 082° 04' 57.90" West (13.7 Nautical miles south-south-east I86) 1182.7 Feet (361.9 Feet above ground level) out of service Dec 09, 2017 0507Z to Jan 09, 2018 1200Z

!CLE 12/058 Perry County, New Lexington, OH (KI86) Obstruction tower light (Antenna Structure Registration 1261588) 39° 28' 57.70" North 082° 04' 11.90" West (13.8 Nautical miles south-south-east I86) 1184.7 Feet (299.9 Feet above ground level) out of service Dec 05, 2017 1439Z to Dec 20, 2017 1438Z

!DAY 12/017 Ohio University, Athens/Albany, OH (KUNI) Obstruction tower light (Antenna Structure Registration 1257906) 39° 11' 00.90" North 081° 59' 30.90" West (11.1 Nautical mile E UNI) 1294.0 Feet (350.1 Feet above ground level) out of service Dec 01, 2017 2233Z to Dec 29, 2017 2359Z

!EKN 11/173 Ravenswood-Jackson County, Ravenswood, WV (KI18) Obstruction tower light (Antenna Structure Registration 1257905) 39° 09' 50.70" North 081° 46' 58.50" West (14.3 Nautical miles NE I18) 1226.0 Feet (345.1 Feet above ground level) out of service Nov 30, 2017 2118Z to Dec 30, 2017 2118Z

!EKN 12/064 Ravenswood-Jackson County, Ravenswood, WV (KI18) Obstruction tower light (Antenna Structure Registration 1272175) 39° 05' 29.30" North 081° 32' 54.30" West (18.3 Nautical miles NE I18) 1,308 feet (288FT above ground level) out of service Dec 12, 2017 2239Z to Dec 27, 2017 2300Z

!CLE 12/065 Noble County, Caldwell, OH (KI10) Obstruction tower light (Antenna Structure Registration 1260546) 39° 44' 12.20" North 081° 31' 20.30" West (3.9 Nautical miles S I10) 1050.2 Feet (310.0 Feet above ground level) out of service Dec 05, 2017 2104Z to Dec 20, 2017 2104Z

!CLE 12/583 Noble County, Caldwell, OH (KI10) Obstruction tower light (Antenna Structure Registration 1225797) 39° 41' 15.80" North 081° 29' 06.40" West (7.2 Nautical miles south-south-east I10) 1297.9 Feet (304.8 Feet above ground level) out of service Dec 16, 2017 1552Z to Jan 16, 2018 2300Z

!PKB 09/010 Mid-Ohio Valley Regional, Parkersburg, WV (KPKB) Obstruction tower light (Antenna Structure Registration 1287389) 39° 11' 44.00" North 081° 27' 00.90" West (9.0 Nautical miles S PKB) 1171.9 Feet (301.8 Feet above ground level) out of service Sep 06, 2017 2148Z to Dec 23, 2017 2359Z

!PKB 12/025 Mid-Ohio Valley Regional, Parkersburg, WV (KPKB) Obstruction tower light (Antenna Structure Registration 1245261) 39° 07' 49.10" North 081° 25' 55.10" West (12.9 Nautical miles S PKB) 1214.6 Feet (268.7 Feet

above ground level) out of service Dec 13, 2017 1511Z to Jan 12, 2018 1200Z

!CLE 12/143 Monroe County, Woodsfield, OH (K4G5) Obstruction tower light (Antenna Structure Registration 1013273) 39° 46' 00.00" North 081° 15' 45.00" West (7.4 Nautical miles W 4G5) 1534.1 Feet (305.1 Feet above ground level) out of service Dec 09, 2017 2223Z to Jan 09, 2018 2359Z

!CLE 12/099 Monroe County, Woodsfield, OH (K4G5) Obstruction tower light (Antenna Structure Registration 1014834) 39° 51' 52.00" North 081° 10' 32.60" West (6.1 Nautical mile north-north-west 4G5) 1544.0 Feet (231.0 Feet above ground level) out of service Dec 07, 2017 0116Z to Dec 21, 2017 0115Z

!CLE 12/012 Monroe County, Woodsfield, OH (K4G5) Obstruction tower light (Antenna Structure Registration 1029850) 39° 34' 45.00" North 081° 05' 02.00" West (12.1 Nautical mile S 4G5) 1311.4 Feet (295.3 Feet above ground level) out of service Dec 01, 2017 1528Z to Jan 08, 2018 2000Z

!CLE 11/531 Monroe County, Woodsfield, OH (K4G5) Obstruction tower light (Antenna Structure Registration 1248805) 39° 45' 09.00" North 081° 05' 13.70" West (1.7 Nautical miles south-south-east 4G5) 1496.1 Feet (199.1 Feet above ground level) out of service Nov 30, 2017 0549Z to Dec 30, 2017 1300Z

!CLE 11/472 Monroe County, Woodsfield, OH (K4G5) Obstruction tower light (Antenna Structure Registration 1237246) 39° 33' 09.80" North 080° 57' 20.40" West (15.2 Nautical miles south-south-east 4G5) 1378.0 Feet (269.0 Feet above ground level) out of service Nov 23, 2017 1548Z to Dec 23, 2017 1230Z

!CLE 12/221 Bellaire, Bellaire, OH (AIR) Obstruction tower light (Antenna Structure Registration 1301924) 39° 52' 44.80" North 080° 53' 58.30" West (7.5 Nautical miles W MPG) 1,524 feet (255FT above ground level) out of service Dec 11, 2017 1805Z to Dec 29, 2017 2359Z

!EKN 09/168 Marshall County, Moundsville, WV (KMPG) Obstruction stack (Aeronautical Study Number unknown) 394951N0804900W (3.0 Nautical miles southwest MPG) 1,666 feet (1000FT above ground level) not lighted Sep 29, 2017 1159Z to Mar 30, 2018 2359Z

!EKN 12/049 Marshall County, Moundsville, WV (KMPG) Obstruction tower light (Antenna Structure Registration 1033831) 39° 54' 15.60" North 080° 46' 56.70" West (2.5 Nautical miles west-north-west MPG) 1597.1 Feet (349.1 Feet above ground level) out of service Dec 08, 2017 1321Z to Dec 22, 2017 1300Z

!EKN 12/054 Marshall County, Moundsville, WV (KMPG) Obstruction tower light (Antenna Structure Registration 1033711) 39° 50' 51.00" North 080° 45' 22.00" West (2.2 Nautical miles south-south-west MPG) 1647.6 Feet (203.7 Feet above ground level) out of service Dec 10, 2017 0128Z to Jan 09, 2018 2359Z

!EKN 12/092 Wade F Maley Field, Shinnston, WV (K6W0) Obstruction tower light (Antenna Structure Registration 1257384) 39° 17' 26.50" North 080° 31' 37.20" West (13.6 Nautical miles west-south-west 6W0) 1411.1 Feet (288.1 Feet above ground level) out of service Dec 15, 2017 0552Z to Dec 30, 2017 0452Z

!EKN 12/063 Wade F Maley Field, Shinnston, WV (K6W0) Obstruction tower light (Antenna Structure Registration 1212556) 39° 23' 57.51" North 080° 18' 35.99" West (1.8 Nautical miles west-south-west 6W0) 1,407 feet (80FT above ground level) out of service Dec 12, 2017 2234Z to Dec 27, 2017 2300Z

!EKN 12/066 Wade F Maley Field, Shinnston, WV (K6W0) Obstruction tower light (Antenna Structure Registration 1297570) 39° 29' 05.50" North 080° 16' 11.20" West (4.8 Nautical miles NE 6W0) 1661.1 Feet (357.9 Feet above ground level) out of service Dec 13, 2017 0728Z to Jan 12, 2018 0728Z

!MGW 12/002 Morgantown-Walter L Bill Hart, Morgantown, WV (KMGW) Obstruction stack (Aeronautical Study Number unknown) MGW279014.5 (13NM southwest MGW) 1,578 feet (330FT above ground level) not lighted Dec 01, 2017 0248Z to Jan 31, 2018 2359Z

!MGW 11/020 Morgantown-Walter L Bill Hart, Morgantown, WV (KMGW) Obstruction tower light (Antenna Structure Registration unknown) 39° 33' 07.58" North 080° 09' 19.39" West (12.40 Nautical miles west-south-west MGW) 1305.0 Feet (192.0 Feet above ground level) out of service Nov 25, 2017 1530Z to Dec 24, 2017 2350Z Estimated

!CKB 12/016 North Central West Virginia, Clarksburg, WV (KCKB) Obstruction tower light (Antenna Structure Registration 1223567) 39° 15' 22.30" North 080° 06' 45.20" West (5.8 Nautical miles east-south-east CKB) 1962.9 Feet (402.9 Feet above ground level) out of service Dec 15, 2017 1810Z to Jan 14, 2018 1810Z

!EKN 12/038 Philippi/Barbour County Regional, Philippi, WV (K79D) Obstruction tower light (Antenna Structure Registration 1260213) 39° 07' 23.20" North 080° 05' 05.90" West (2.8 Nautical miles south-south-west 79D) 1846.8 Feet (256.9 Feet above ground level) out of service Dec 06, 2017 1911Z to Jan 05, 2018 1200Z

!EKN 12/062 Philippi/Barbour County Regional, Philippi, WV (K79D)

Obstruction tower light (Antenna Structure Registration 1260352) 39° 12' 57.00" North 080° 03' 23.80" West (3.0 Nautical miles NE 79D) 1878.0 Feet (254.9 Feet above ground level) out of service Dec 12, 2017 2228Z to Jan 12, 2018 1300Z

!MGW 12/007 Morgantown-Walter L Bill Hart, Morgantown, WV (KMGW) Obstruction tower light (Antenna Structure Registration unknown) 39° 32' 43.74" North 080° 04' 14.22" West (12.40 Nautical miles west-south-west MGW) 1286.0 Feet (122.0 Feet above ground level) out of service Dec 09, 2017 1833Z to Jan 07, 2018 2350Z Estimated

!AOO 12/059 Greene County, Waynesburg, PA (KWAY) Obstruction tower light (Antenna Structure Registration 1253104) 39° 45' 48.90" North 080° 05' 10.00" West (8.5 Nautical miles south-south-east WAY) 1627.3 Feet (306.4 Feet above ground level) out of service Dec 11, 2017 0623Z to Dec 25, 2017 1300Z

!MGW 12/005 Morgantown-Walter L Bill Hart, Morgantown, WV (KMGW) Obstruction tower light (Antenna Structure Registration 1234191) 39° 39' 53.00" North 079° 59' 51.50" West (3.9 Nautical miles west-north-west MGW) 1431.1 Feet (250.0 Feet above ground level) out of service Dec 07, 2017 0710Z to Dec 21, 2017 1300Z

!EKN 12/028 Titus Field, Arthurdale, WV (K70D) Obstruction tower light (Antenna Structure Registration 1268179) 39° 19' 20.30" North 079° 49' 36.70" West (10.7 Nautical miles S 70D) 2188.6 Feet (288.7 Feet above ground level) out of service Dec 05, 2017 1310Z to Dec 20, 2017 1310Z

!EKN 12/093 Titus Field, Arthurdale, WV (K70D) Obstruction tower light (Antenna Structure Registration 1258355) 39° 30' 26.00" North 079° 45' 50.20" West (4.1 Nautical mile E 70D) 2451.8 Feet (258.9 Feet above ground level) out of service Dec 15, 2017 0555Z to Dec 30, 2017 0455Z

!AOO 12/022 Joseph A. Hardy Connellsville, Connellsville, PA (KVVS) Obstruction tower light (Antenna Structure Registration 1036480) 39° 51' 17.00" North 079° 39' 26.00" West (6.3 Nautical miles S VVS) 2804.1 Feet (232.0 Feet above ground level) out of service Dec 05, 2017 0535Z to Jan 04, 2018 1300Z

!AOO 12/060 Joseph A. Hardy Connellsville, Connellsville, PA (KVVS) Obstruction tower light (Antenna Structure Registration 1220565) 39° 55' 44.00" North 079° 38' 46.10" West (1.9 Nautical miles south-south-east VVS) 1603.7 Feet (154.9 Feet above ground level) out of service Dec 11, 2017 1209Z to Dec 25, 2017 1300Z

!EKN 11/171 Titus Field, Arthurdale, WV (K70D) Obstruction tower light

(Antenna Structure Registration 1269032) 39° 18' 44.70" North 079° 41' 08.60" West (13.6 Nautical miles southeast 70D) 2421.9 Feet (289.0 Feet above ground level) out of service Nov 30, 2017 1609Z to Mar 07, 2018 2359Z

!EKN 12/076 Garrett County, Oakland, MD (K2G4) Obstruction tower light (Antenna Structure Registration 1035688) 39° 32' 04.00" North 079° 33' 13.40" West (10.4 Nautical miles west-south-west 2G4) 3292.0 Feet (334.0 Feet above ground level) out of service Dec 14, 2017 0608Z to Jan 14, 2018 0608Z

!EKN 11/116 Garrett County, Oakland, MD (K2G4) Obstruction tower light (Antenna Structure Registration 1286857) 39° 45' 20.00" North 079° 08' 55.10" West (13.7 Nautical miles NE 2G4) 3003.0 Feet (258.9 Feet above ground level) out of service Nov 18, 2017 1702Z to Dec 18, 2017 1200Z

!EKN 12/056 Garrett County, Oakland, MD (K2G4) Obstruction tower light (Antenna Structure Registration 1235175) 39° 41' 30.60" North 079° 04' 46.90" West (13.6 Nautical miles east-north-east 2G4) 3226.0 Feet (350.1 Feet above ground level) out of service Dec 11, 2017 0555Z to Jan 10, 2018 1300Z

!DCA 12/159 Front Royal-Warren County, Front Royal, VA (KFRR) Obstruction tower light (Antenna Structure Registration 1283525) 39° 09' 09.90" North 078° 37' 48.80" West (22.3 Nautical miles northwest FRR) 1740.5 Feet (264.8 Feet above ground level) out of service Dec 10, 2017 0931Z to Dec 17, 2017 0930Z

!EKN 11/160 Greater Cumberland Regional, Cumberland, MD (KCBE) Obstruction tower light (Antenna Structure Registration 1223768) 39° 41' 23.60" North 078° 31' 46.70" West (11.6 Nautical miles east-north-east CBE) 1880.2 Feet (267.1 Feet above ground level) out of service Nov 28, 2017 0550Z to Dec 28, 2017 2100Z

!EKN 12/036 Berkeley Springs-Potomac Arprk, Berkeley Springs, WV (KW35) Obstruction tower light (Antenna Structure Registration 1026727) 39° 45' 52.60" North 078° 13' 49.70" West (5.2 Nautical miles northwest W35) 1269.0 Feet (419.9 Feet above ground level) out of service Dec 06, 2017 1322Z to Jan 06, 2018 1200Z

!EKN 11/090 Berkeley Springs-Potomac Arprk, Berkeley Springs, WV (KW35) Obstruction tower light (Antenna Structure Registration 1035003) 39° 37' 00.30" North 078° 13' 02.00" West (5.2 Nautical miles south-south-west W35) 1284.8 Feet (464.9 Feet above ground level) out of service Nov 13, 2017 1336Z to Feb 13, 2018 1335Z

!OKV 12/004 Winchester Regional, Winchester, VA (KOKV) Obstruction tower

light (Antenna Structure Registration 1298201) 39° 08' 21.40" North 078° 10' 50.50" West (1.7 Nautical miles W OKV) 828.7 Feet (80.1 Feet above ground level) out of service Dec 12, 2017 1607Z to Dec 27, 2017 1606Z

!MRB 12/003 Eastern WV Rgnl/Shepherd Field, Martinsburg, WV (KMRB) Obstruction tower light (Antenna Structure Registration 1033110) 39° 24' 43.60" North 077° 58' 33.50" West (0.7 Nautical miles north-north-east MRB) 697.8 Feet (169.0 Feet above ground level) out of service Dec 07, 2017 2255Z to Dec 22, 2017 2255Z

!MRB 10/016 Eastern WV Rgnl/Shepherd Field, Martinsburg, WV (KMRB) Obstruction water-tower light (Aeronautical Study Number 2016-AEA-650-OE) 392447N0775818W (0.8 Nautical miles NE MRB) 709 feet (177FT above ground level) out of service Oct 30, 2017 1533Z to Jan 30, 2018 1530Z

!MRB 12/001 Eastern WV Rgnl/Shepherd Field, Martinsburg, WV (KMRB) Obstruction tower light (Antenna Structure Registration 1236173) 39° 25' 31.90" North 077° 57' 06.20" West (2.0 Nautical miles NE MRB) 708.0 Feet (237.9 Feet above ground level) out of service Dec 06, 2017 0511Z to Jan 05, 2018 1300Z

!HGR 08/001 Hagerstown Rgnl-R A Henson Field, Hagerstown, MD (KHGR) Obstruction tower light (Antenna Structure Registration 1259659) 39° 33' 10.60" North 077° 42' 47.10" West (9.4 Nautical miles S HGR) 755.9 Feet (295.9 Feet above ground level) out of service Aug 04, 2016 1200Z-permanent

!JYO 12/003 Leesburg Executive, Leesburg, VA (KJYO) Obstruction tower light (Antenna Structure Registration 1016113) 39° 04' 28.00" North 077° 32' 52.00" West (0.5 Nautical miles east-south-east JYO) 519.0 Feet (136.2 Feet above ground level) out of service Dec 15, 2017 1637Z to Dec 30, 2017 1636Z

!JYO 12/008 Leesburg Executive, Leesburg, VA (KJYO) Obstruction tower light (Antenna Structure Registration 1218775) 39° 00' 32.00" North 077° 31' 59.00" West (4.3 Nautical miles south-south-east JYO) 607.9 Feet (295.9 Feet above ground level) out of service Dec 16, 2017 1659Z to Jan 14, 2018 2350Z Estimated

!DCA 11/139 Montgomery County Airpark, Gaithersburg, MD (KGAI) Obstruction tower light (Antenna Structure Registration 1037349) 39° 06' 07.00" North 077° 09' 26.00" West (4.0 Nautical miles S GAI) 667.7 Feet (199.8 Feet above ground level) out of service Nov 09, 2017 1639Z to Feb 01, 2018 1626Z

!DCA 11/136 Davis, Laytonsville, MD (KW50) Obstruction tower light (Antenna Structure Registration 1037347) 39° 14' 04.00" North 076° 58' 24.00" West (8.2 Nautical miles E W50) 799.5 Feet (289.7 Feet above ground level) out of service Nov 09, 2017 1637Z to Feb 01, 2018 1626Z

!IPT 12/134 Mid Atlantic Soaring Center, Fairfield, PA (KW73) Obstruction tower light (Antenna Structure Registration 1266596) 39° 47' 03.80" North 077° 22' 08.60" West (1.8 Nautical miles north-north-west W73) 763.1 Feet (164.0 Feet above ground level) out of service Dec 15, 2017 0440Z to Dec 30, 2017 0439Z

!DCA 11/369 Westminster/Clearview Airpark, Westminster, MD (K2W2) Obstruction tower light (Antenna Structure Registration 1038841) 39° 31' 06.70" North 076° 54' 39.70" West (5.9 Nautical miles east-north-east 2W2) 1058.1 Feet (368.1 Feet above ground level) out of service Nov 28, 2017 2221Z to Dec 28, 2017 1200Z

!DCA 12/058 Westminster/Clearview Airpark, Westminster, MD (K2W2) Obstruction tower light (Antenna Structure Registration 1209121) 39° 22' 33.00" North 076° 51' 24.00" West (9.1 Nautical mile southeast 2W2) 892.1 Feet (392.1 Feet above ground level) out of service Dec 05, 2017 0007Z to Jan 05, 2018 0007Z

!FDK 12/001 Frederick Municipal, Frederick, MD (KFDK) Obstruction tower light (Antenna Structure Registration 1036907) 39° 24' 53.00" North 077° 27' 34.00" West (3.9 Nautical miles W FDK) 709.3 Feet (259.8 Feet above ground level) out of service Dec 07, 2017 1913Z to Dec 22, 2017 1913Z

!FDK 12/006 Frederick Municipal, Frederick, MD (KFDK) Obstruction crane light (Aeronautical Study Number 2015-AEA-2820-OE) 392534N0772253W (0.6 Nautical miles north-north-west FDK) 297 feet (35FT above ground level) out of service Dec 13, 2016 1639Z to Jun 01, 2018 1800Z

All Airspace NOTAMs

All published NOTAMs are available in the Notices to Airmen Publication (NTAP).

!SGH 12/007 Springfield-Beckley Municipal, Springfield, OH (KSGH) Airspace unmanned rocket WI an area defined as 1 nautical mile radius of SGH140009.6 (9.6 Nautical miles southeast SGH) surface-10,000 feet above ground level Dec 16, 2017 1600Z to Dec 16, 2017 2200Z

!SGH 12/006 Springfield-Beckley Municipal, Springfield, OH (KSGH) Airspace unmanned rocket WI an area defined as 1 nautical mile radius of SGH087009 surface to flight level 180 Dec 16, 2017 1500Z to Dec 16, 2017 2200Z

!CKB 12/013 North Central West Virginia, Clarksburg, WV (KCKB) Airspace see Flight Data Center (FDC) 7/4275 Washington Center (ZDC) 91.137 Hazard daily 1230-2200 Dec 13, 2017 1230Z to Dec 17, 2017 2200Z

!EKN 12/060 Philippi/Barbour County Regional, Philippi, WV (K79D) Airspace

see Flight Data Center (FDC) 7/4275 Washington Center (ZDC) 91.137 Hazard daily 1230-2200 Dec 13, 2017 1230Z to Dec 17, 2017 2200Z

!OKV 01/012 Winchester Regional, Winchester, VA (KOKV) Airspace see Flight Data Center (FDC) 1/1155 Washington Center (ZDC) flight restrictions Temporary Flight Restriction Jan 24, 2017 1603Z to Jan 31, 2018 2359Z Estimated

!MRB 01/030 Eastern WV Rgnl/Shepherd Field, Martinsburg, WV (KMRB) Airspace see Flight Data Center (FDC) 1/1155 Washington Center (ZDC) flight restrictions Temporary Flight Restriction Jan 24, 2017 1602Z to Jan 31, 2018 2359Z Estimated

!HGR 12/017 Hagerstown Rgnl-R A Henson Field, Hagerstown, MD (KHGR) Airspace see Flight Data Center (FDC) 7/6326 Washington Center (ZDC) 91.141 VIP Temporary Flight Restriction Dec 16, 2017 1700Z to Dec 18, 2017 0430Z

!HGR 01/060 Hagerstown Rgnl-R A Henson Field, Hagerstown, MD (KHGR) Airspace see Flight Data Center (FDC) 1/1155 Washington Center (ZDC) flight restrictions Temporary Flight Restriction Jan 24, 2017 1605Z to Jan 31, 2018 2359Z Estimated

!JYO 01/020 Leesburg Executive, Leesburg, VA (KJYO) Airspace see Flight Data Center (FDC) 1/1155, 6/1117, 6/7196, 6/7201, 6/7215 Washington Center (ZDC) special security instructions Jan 24, 2017 1613Z to Jan 31, 2018 2359Z Estimated

!DCA 01/482 Davis, Laytonsville, MD (KW50) Airspace see Flight Data Center (FDC) 1/1155 Washington Center (ZDC) flight restrictions Temporary Flight Restriction Jan 24, 2017 1551Z to Jan 31, 2018 2359Z Estimated

!DCA 01/484 Westminster/Clearview Airpark, Westminster, MD (K2W2) Airspace see Flight Data Center (FDC) 1/1155 Washington Center (ZDC) flight restrictions Temporary Flight Restriction Jan 24, 2017 1552Z to Jan 31, 2018 2359Z Estimated

!DCA 01/495 Montgomery County Airpark, Gaithersburg, MD (KGAI) Airspace see Flight Data Center (FDC) 1/1155, 6/1117, 6/7196, 6/7201, 6/7215 Washington Center (ZDC) special security instructions Jan 24, 2017 1608Z to Jan 31, 2018 2359Z Estimated

!IPT 12/142 Mid Atlantic Soaring Center, Fairfield, PA (KW73) Airspace see Flight Data Center (FDC) 7/6326 Washington Center (ZDC) 91.141 VIP Temporary Flight Restriction Dec 16, 2017 1700Z to Dec 18, 2017 0430Z

!IPT 01/329 Mid Atlantic Soaring Center, Fairfield, PA (KW73) Airspace see

Flight Data Center (FDC) 1/1155 Washington Center (ZDC) flight restrictions
Temporary Flight Restriction Jan 24, 2017 1601Z to Jan 31, 2018 2359Z
Estimated

!DMW 01/007 Westminster/Carroll Co-Jb Page, Westminster, MD (KDMW) Airspace
see Flight Data Center (FDC) 1/1155 Washington Center (ZDC) flight
restrictions Temporary Flight Restriction Jan 24, 2017 1557Z to Jan 31,
2018 2359Z Estimated

!IPT 12/143 Southern Adams County, Gettysburg, PA (KP98) Airspace see
Flight Data Center (FDC) 7/6326 Washington Center (ZDC) 91.141 VIP
Temporary Flight Restriction Dec 16, 2017 1700Z to Dec 18, 2017 0430Z

!IPT 01/328 Southern Adams County, Gettysburg, PA (KP98) Airspace see
Flight Data Center (FDC) 1/1155 Washington Center (ZDC) flight restrictions
Temporary Flight Restriction Jan 24, 2017 1600Z to Jan 31, 2018 2359Z
Estimated

!FDK 12/007 Frederick Municipal, Frederick, MD (KFDK) Airspace see Flight
Data Center (FDC) 7/6326 Washington Center (ZDC) 91.141 VIP Temporary
Flight Restriction Dec 16, 2017 1700Z to Dec 18, 2017 0430Z

!FDK 01/022 Frederick Municipal, Frederick, MD (KFDK) Airspace see Flight
Data Center (FDC) 1/1155 Washington Center (ZDC) flight restrictions
Temporary Flight Restriction Jan 24, 2017 1601Z to Jan 31, 2018 2359Z
All Special Use Airspace NOTAMs

None

All Unverified Aeronautical Information NOTAMs

All published NOTAMs are available in the Notices to Airmen Publication
(NTAP).

No current Unverified Aeronautical Information NOTAMs data for this briefing.
All Other NOTAMs

All published NOTAMs are available in the Notices to Airmen Publication
(NTAP).

No current Other NOTAMs data for this briefing.

All NOTAMs without keywords

All published NOTAMs are available in the Notices to Airmen Publication
(NTAP).

!SUA 11/358 KZDC Airspace W107A active surface-unlimited Dec 01, 2017
0000Z to Mar 31, 2018 2359Z

!SUA 11/357 KZDC Airspace W72A active surface-unlimited Dec 01, 2017 0000Z
to Mar 31, 2018 2359Z

!SUA 11/356 KZDC Airspace W107C active surface UP to but not including flight level 180 Dec 01, 2017 0000Z to Mar 31, 2018 2359Z

!SUA 11/355 KZDC Airspace W72B active surface-unlimited Dec 01, 2017 0000Z to Mar 31, 2018 2359Z

!SUA 11/354 KZDC Airspace W50A active surface to flight level 750 Dec 01, 2017 0000Z to Mar 31, 2018 2359Z

!SUA 11/353 KZDC Airspace W50C active surface to flight level 750 Dec 01, 2017 0000Z to Mar 31, 2018 2359Z

!SUA 11/352 KZDC Airspace W122 active surface-unlimited Dec 01, 2017 0000Z to Mar 31, 2018 2359Z

!SUA 11/351 KZDC Airspace W50B active surface to flight level 750 Dec 01, 2017 0000Z to Mar 31, 2018 2359Z

!SUA 11/350 KZDC Airspace W386 active surface-unlimited Dec 01, 2017 0000Z to Mar 31, 2018 2359Z

!SUA 11/349 KZDC Airspace W110 active surface to flight level 230 Dec 01, 2017 0000Z to Mar 31, 2018 2359Z

All FDC NOTAMs

All published NOTAMs are available in the Notices to Airmen Publication (NTAP).

!FDC 7/4167 KBAK IAP COLUMBUS MUNI, Columbus, IN. ILS RWY 23, AMDT 7A... S-ILS 23 DA 906/HAT 250 ALL CATS. CIRCLING CATS A/B/C MDA 1160/HAA 504. INDIANAPOLIS INTL ALTIMETER SETTING MINIMUMS: S-ILS 23 DA 1006/HAT 350 ALL CATS, VISIBILITY 5/8 ALL CATS. CIRCLING CATS A/B MDA 1240/HAA 584. CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 23 CAT C/D VISIBILITY TO 1-1/8 SM. CHART NOTE: FOR INOPERATIVE ALS, WHEN USING INDIANAPOLIS INTL ALTIMETER SETTING, INCREASE S-ILS 23 VISIBILITY TO 1 SM ALL CATS, INCREASE S-LOC 23 CAT C/D TO 1-3/8 SM. THIS IS ILS RWY 23, AMDT 7B. 14 SEP 19:28 2017 UNTIL PERM. CREATED: 14 SEP 19:28 2017

!FDC 7/4163 KBAK IAP COLUMBUS MUNI, Columbus, IN. RNAV (GPS) RWY 14, AMDT 1A... CIRCLING CATS A/B MDA 1140/HAA 484. THIS IS RNAV (GPS) RWY 14, AMDT 1B. 14 SEP 19:24 2017 UNTIL PERM. CREATED: 14 SEP 19:25 2017

!FDC 7/4162 KBAK IAP COLUMBUS MUNI, Columbus, IN. RNAV (GPS) RWY 5, ORIG... DELETE TDZE 652, CHART TDZE 653. LNAV HAT 427 ALL CATS. CIRCLING CAT A/B MDA 1140/ HAA 484. CHANGE MISSED APPROACH INSTRUCTIONS TO READ: CLIMB TO 2500 DIRECT ODACI AND ON 052.00 TRACK TO SEVVO AND HOLD.. THIS IS RNAV

(GPS) RWY 5, ORIG-A. 14 SEP 19:24 2017 UNTIL PERM. CREATED: 14 SEP 19:25 2017

!FDC 7/4158 KBAK IAP COLUMBUS MUNI, Columbus, IN. RNAV (GPS) RWY 23, ORIG-A... CIRCLING CATS A/B MDA 1140/HAA 484. THIS IS RNAV (GPS) RWY 23, ORIG-B. 14 SEP 19:21 2017 UNTIL PERM. CREATED: 14 SEP 19:21 2017

!FDC 7/4145 KBAK IAP COLUMBUS MUNI, Columbus, IN. RNAV (GPS) RWY 32, ORIG... LNAV MDA 1080/HAT 427 ALL CATS, VISIBILITY CAT C 1-1/4. CIRCLING CATS A/B MDA 1140/HAA 484. CHANGE MISSED APPROACH INSTRUCTIONS TO READ: CLIMB TO 2500 DIRECT ZURGA AND ON 357.00 TRACK TO EYUGI AND HOLD. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DECEE ON V128 NORTHWEST BOUND. DELETE PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DECEE VIA V128 NORTHWEST BOUND. CHART NOTE: RWY 32 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 32, ORIG-A. 14 SEP 19:17 2017 UNTIL PERM. CREATED: 14 SEP 19:17 2017

!FDC 7/0714 KHFY IAP GREENWOOD MUNI, Indianapolis, IN. RNAV (GPS) RWY 19, AMDT 1... VGSI AND DESCENT ANGLES NOT COINCIDENT. 14 AUG 16:16 2017 UNTIL 26 MAR 16:16 2018 ESTIMATED. CREATED: 14 AUG 16:17 2017

!FDC 7/6474 KI34 IAP GREENSBURG MUNICIPAL, Greensburg, IN. RNAV (GPS) RWY 36, ORIG-A... DELETE: DESCENT ANGLE 3.02/TCH 40. PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. 19 SEP 13:57 2017 UNTIL 01 MAY 13:57 2018 ESTIMATED. CREATED: 19 SEP 13:58 2017

!FDC 7/6483 KHLB SPECIAL BATESVILLE, Batesville, IN. RNAV (GPS) RWY 36, AMDT 1... DELETE: DESCENT ANGLE 3.00/TCH 30. PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. 19 SEP 13:59 2017 UNTIL 01 MAY 13:59 2018 ESTIMATED. CREATED: 19 SEP 14:00 2017

!FDC 7/5580 KHLB SPECIAL BATESVILLE, BATESVILLE, IN. RNAV (GPS) RWY 18, AMDT 1... PROCEDURE NA. 30 NOV 18:30 2017 UNTIL 12 JUL 18:30 2018 ESTIMATED. CREATED: 30 NOV 18:31 2017

!FDC 7/6386 KCVG SID CINCINNATI/NORTHERN KENTUCKY INTL, Covington, KY. ROCKT EIGHT DEPARTURE (RNAV)... DISREGARD NOTE: DEPARTURE PROCEDURE LIMITED TO AIRCRAFT WITH THE FOLLOWING DESTINATION AIRPORTS AND DEPARTURE TIMES: ANYTIME - ABE, AGC, ALB, AVP, BDL, BKL, BOS, BWI, CAK, CGF, CLE, LNN, LPR, MDT, MHT PHL, PNE PVD, PWM, SWF, TTN, UNV AND OVERSEAS FLIGHTS. LGA BETWEEN 1000-1800 UTC. 15 DEC 18:51 2017 UNTIL 27 JUL 18:51 2018 ESTIMATED. CREATED: 15 DEC 18:52 2017

!FDC 7/6339 KCVG SID CINCINNATI/NORTHERN KENTUCKY INTL, Covington, KY. RHOMM THREE DEPARTURE... CHARLESTON TRANSITION: JODUB TO HVQ VORTAC COURSE 118.47 (HVQ R-298). ALL OTHER DATA REMAINS AS PUBLISHED. 17 OCT 17:58 2017

UNTIL 29 MAY 17:58 2018 ESTIMATED. CREATED: 17 OCT 17:58 2017

!FDC 7/5602 KCVG SID CINCINNATI/NORTHERN KENTUCKY INTL, Covington, KY. BLUEGRASS TWO DEPARTURE... BOWLING GREEN TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. ALL OTHER DATA REMAINS AS PUBLISHED. 07 AUG 17:46 2017 UNTIL 19 MAR 17:46 2018 ESTIMATED. CREATED: 07 AUG 17:46 2017

!FDC 7/6540 KHAO 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. 19 SEP 14:49 2017 UNTIL 01 MAY 14:49 2018 ESTIMATED. CREATED: 19 SEP 14:49 2017

!FDC 7/2070 KHAO 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. 26 SEP 18:12 2017 UNTIL 08 MAY 18:12 2018 ESTIMATED. CREATED: 26 SEP 18:12 2017

!FDC 7/8244 KLUK IAP CINCINNATI MUNI AIRPORT LUNKEN FIELD, Cincinnati, OH. RNAV (GPS) RWY 3R, AMDT 1... NOTE: CIRCLING RWY 3L, 7 NA AT NIGHT. DISREGARD NOTE: NIGHT LANDING: RWY 3L, 7, 25 NA. 05 OCT 14:22 2017 UNTIL 17 MAY 14:22 2018 ESTIMATED. CREATED: 05 OCT 14:23 2017

!FDC 7/8243 KLUK IAP CINCINNATI MUNI AIRPORT LUNKEN FIELD, Cincinnati, OH. RNAV (GPS) RWY 21L, AMDT 1C... LPV DA 756/HAT281 ALL CATS. LNAV/VNAV DA 1217/HAT 742 ALL CATS. VIS 2 1/2 ALL CATS. CHANGE REMOTE ALTIMETER NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CINCINNATI/NORTHERN KENTUCKY INTL ALTIMETER SETTING AND INCREASE ALL DA 86 FEET AND ALL MDA 100 FEET; INCREASE LNAV CATS C/D AND CIRCLING CATS B AND D VISIBILITY 1/4 MILE, CIRCLING CAT C VISIBILITY 1/2 MILE. CHANGE INOP NOTE TO READ: FOR INOP ALS, INCREASE LPV ALL CATS VISIBILITY TO RVR 4500, LNAV CATS A/B VISIBILITY TO 1 MILE AND LNAV CATS C/D VISIBILITY TO 2 MILE. FOR INOP ALS WHEN USING CINCINNATI/NORTHERN KENTUCKY INTL ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO 3 MILE, LNAV CAT A VISIBILITY TO 1 MILE, AND LNAV CATS C/D VISIBILITY TO 2 1/2 MILE. NOTE: CIRCLING RWY 3L, 7 NA AT NIGHT. DISREGARD NOTE: NIGHT LANDING: RWY 3L, 7, 25 NA. 05 OCT 14:22 2017 UNTIL 17 MAY 14:22 2018 ESTIMATED. CREATED: 05 OCT 14:23 2017

!FDC 7/8241 KLUK IAP CINCINNATI MUNI AIRPORT LUNKEN FIELD, Cincinnati, OH.
ILS OR LOC RWY 21L, AMDT 19A... S-ILS 21L DA 798/HAT 323 ALL CATS. CHANGE
INOPERATIVE NOTE TO READ FOR INOPERATIVE ALS, INCREASE S-ILS-21L ALL CATS
VISIBILITY TO RVR 6000; KEELY OM MINIMUMS, INCREASE S-LOC-21L CAT A
VISIBILITY TO 1 MILE AND CATS C/D VISIBILITY TO 2 1/2 MILE. FOR INOP ALS
WHEN USING CINCINNATI/NORTHERN KENTUCKY INTL ALTIMETER SETTING, INCREASE
S-ILS-21L ALL CATS VISIBILITY TO 1 3/8 MILE. NOTE: CIRCLING RWY 3L, 7 NA AT
NIGHT, DISREGARD NOTE: NIGHT LANDING: RWY 3L, 7, 25 NA. 05 OCT 14:22 2017
UNTIL 17 MAY 14:22 2018 ESTIMATED. CREATED: 05 OCT 14:23 2017

!FDC 7/8240 KLUK IAP CINCINNATI MUNI AIRPORT LUNKEN FIELD, Cincinnati, OH.
RNAV (GPS) RWY 25, AMDT 1B... NOTE: CIRCLING RUNWAY 3L, 7 NA AT NIGHT.
NOTE: RWY 25 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
DISREGARD NOTE: NIGHT LANDING: RWY 3L, 7, 25 NA. DISREGARD NOTE: HELICOPTER
VISIBILITY REDUCTION BELOW 1 SM NA. 05 OCT 14:22 2017 UNTIL 17 MAY 14:22
2018 ESTIMATED. CREATED: 05 OCT 14:23 2017

!FDC 7/3744 KLUK SID CINCINNATI MUNI AIRPORT LUNKEN FIELD, Cincinnati, OH.
ROCKT EIGHT DEPARTURE (RNAV)... TAKE-OFF MINIMUMS RWY 3L, STANDARD WITH
MINIMUM CLIMB OF 409 FT PER NM TO 1000 OR 400-2 WITH MINIMUM CLIMB OF 213
FT PER NM TO 1400. RWY 3R, STANDARD WITH MINIMUM CLIMB OF 372 FT PER NM TO
1100 OR 400-2 WITH MINIMUM CLIMB OF 231 FT PER NM TO 1400. RWY 7, STANDARD
WITH MINIMUM CLIMB OF 440 FT PER NM TO 1000 OR 400-2 WITH MINIMUM CLIMB OF
205 FT PER NM TO 1400. RWY 21R, STANDARD WITH MINIMUM CLIMB OF 474 FT PER
NM TO 1100 OR 600-3 WITH MINIMUM CLIMB OF 223 FT PER NM TO 1300. RWY 21L,
STANDARD WITH MINIMUM CLIMB OF 425 FT PER NM TO 1200 OR 600-2 3/4 WITH
MINIMUM CLIMB OF 228 FT PER NM TO 1300. RWY 25, 600 2 3/4 WITH A MINIMUM
CLIMB OF 218 FT PER NM TO 1300. ALL OTHER DATA REMAINS AS PUBLISHED. 03 AUG
17:45 2017 UNTIL 15 MAR 17:45 2018 ESTIMATED. CREATED: 03 AUG 17:45 2017

!FDC 7/3742 KLUK ODP CINCINNATI MUNI AIRPORT LUNKEN FIELD, Cincinnati, OH.
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 14... TAKE-OFF
MINIMUMS: RWY 03L, STANDARD WITH MINIMUM CLIMB OF 409 FT PER NM TO 1000 OR
400-2 WITH MINIMUM CLIMB OF 213 FT PER NM TO 1400 OR 1700-2 1/2 FOR CLIMB
IN VISUAL CONDITIONS. RWY 3R, STANDARD WITH MINIMUM CLIMB OF 372 FT PER NM
TO 1100 OR 400-2 WITH MINIMUM CLIMB OF 231 FT PER NM TO 1400 OR 1700-2 1/2
FOR CLIMB IN VISUAL CONDITIONS. RWY 7, STANDARD WITH MINIMUM CLIMB OF 440
FT PER NM TO 1000 OR 400-2 WITH MINIMUM CLIMB OF 205 FT PER NM TO 1400 OR
1700-2 1/2 FOR CLIMB IN VISUAL CONDITIONS. RWY 21R, STANDARD WITH MINIMUM
CLIMB OF 474 FT PER NM TO 1100 OR 600-3 WITH MINIMUM CLIMB OF 223 FT PER NM
TO 1300 OR 1700-2 1/2 FOR CLIMB IN VISUAL CONDITIONS. RWY 21L, STANDARD
WITH MINIMUM CLIMB OF 425 FT PER NM TO 1200 OR 600-2 3/4 WITH MINIMUM CLIMB
OF 228 FT PER NM TO 1300 OR 1700-2 1/2 FOR CLIMB IN VISUAL CONDITIONS. RWY
25, 600 2 3/4 WITH A MINIMUM CLIMB OF 218 FT PER NM TO 1300 OR 1700-2 1/2
FOR CLIMB IN VISUAL CONDITIONS. ALL OTHER DATA REMAINS AS PUBLISHED. 03 AUG
17:42 2017 UNTIL 15 MAR 17:42 2018 ESTIMATED. CREATED: 03 AUG 17:42 2017

!FDC 7/4212 KI69 IAP CLERMONT COUNTY, Batavia, OH. RNAV (GPS) RWY 22, AMDT 1D... STRAIGHT-IN RWY 22 CAT C NA AT NIGHT. 29 NOV 13:31 2017 UNTIL 11 JUL 13:31 2018 ESTIMATED. CREATED: 29 NOV 13:31 2017

!FDC 7/8195 KI19 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. 07 SEP 15:35 2017 UNTIL 19 APR 15:35 2018 ESTIMATED. CREATED: 07 SEP 15:35 2017

!FDC 7/7455 KSGH 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. 22 AUG 17:52 2017 UNTIL 03 APR 17:52 2018 ESTIMATED. CREATED: 22 AUG 17:52 2017

!FDC 7/5062 KSGH IAP SPRINGFIELD-BECKLEY MUNI, Springfield, OH. VOR RWY 6, AMDT 11... VDP NA. 04 AUG 21:04 2017 UNTIL 16 MAR 21:03 2018 ESTIMATED. CREATED: 04 AUG 21:04 2017

!FDC 7/8946 KILN IAP WILMINGTON AIR PARK, Wilmington, OH. ILS OR LOC RWY 4L, AMDT 4B... RADAR OR DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. SGH R-161 UNUSABLE AT BUNSS INT. 21 SEP 14:59 2017 UNTIL 03 MAY 14:59 2018 ESTIMATED. CREATED: 21 SEP 14:59 2017

!FDC 7/8843 KILN IAP WILMINGTON AIR PARK, Wilmington, OH. RNAV (GPS) RWY 4L, ORIG-A... DELETE NOTE: ASTERISK, ASTERISK RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA. CHART NOTE: ASTERISK, ASTERISK RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA, NA WHEN USING JAMES M. COX DAYTON INTL ALTIMETER SETTING. THIS IS RNAV (GPS) RWY 4L, ORIG-B. 06 OCT 12:35 2017 UNTIL PERM. CREATED: 06 OCT 12:35 2017

!FDC 7/8470 KILN IAP WILMINGTON AIR PARK, Wilmington, OH. ILS OR LOC RWY 22L, ORIG-B... ILS OR LOC RWY 4R, ORIG-B... ILS RWY 22L (CAT II), ORIG-B... PROCEDURE NA. MXQ VOR UNUSABLE R-050-169 AND R-170-200. 23 AUG 17:09 2017 UNTIL 04 APR 17:09 2018 ESTIMATED. CREATED: 23 AUG 17:10 2017

!FDC 7/4346 KILN IAP WILMINGTON AIR PARK, Wilmington, OH. RNAV (GPS) RWY 22R, ORIG-A... ASTERISK, ASTERISK LPV DA VISIBILITY RVR 1800 ALL CATS. CHART NOTE: ASTERISK, ASTERISK 2200 RVR WHEN USING JAMES M. COX DAYTON INTL ALTIMETER SETTING. THIS IS RNAV (GPS) RWY 22R, ORIG-B. 17 AUG 14:21 2017 UNTIL PERM. CREATED: 17 AUG 14:21 2017

!FDC 7/6494 KHOC 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. 19 SEP 14:05 2017 UNTIL 01 MAY 14:05 2018 ESTIMATED.
CREATED: 19 SEP 14:05 2017

!FDC 7/2111 KRZT IAP ROSS COUNTY, Chillicothe, OH. RNAV (GPS) RWY 23, AMDT 1A... NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. 26 SEP 18:56 2017 UNTIL 08 MAY 18:55 2018 ESTIMATED. CREATED: 26 SEP 18:56 2017

!FDC 7/0777 KCYO IAP PICKAWAY COUNTY MEMORIAL, Circleville, OH. RNAV (GPS) RWY 1, ORIG... CIRCLING CAT B MDA 1200/HAA 515. 14 AUG 16:45 2017 UNTIL 26 MAR 16:45 2018 ESTIMATED. CREATED: 14 AUG 16:45 2017

!FDC 7/0768 KCYO IAP PICKAWAY COUNTY MEMORIAL, Circleville, OH. RNAV (GPS) RWY 19, ORIG... CIRCLING CAT B MDA 1200/HAA 515. CHANGE PROFILE NOTE TO READ: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE 3.00/TCH 24). 14 AUG 16:43 2017 UNTIL 26 MAR 16:43 2018 ESTIMATED. CREATED: 14 AUG 16:43 2017

!FDC 7/9089 KLCK IAP RICKENBACKER INTL, Columbus, OH. RNAV (GPS) RWY 23L, ORIG... CHART NOTE: ASTERISK, ASTERISK RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA, NA WHEN USING PORT COLUMBUS INTL ALTIMETER SETTING. CHANGE LPV DA TO LPV DA ASTERISK, ASTERISK. THIS IS RNAV (GPS) RWY 23L, ORIG-A. 06 OCT 14:49 2017 UNTIL PERM. CREATED: 06 OCT 14:49 2017

!FDC 7/8665 KLHQ IAP FAIRFIELD COUNTY, Lancaster, OH. RNAV (GPS) RWY 10, ORIG... RNAV (GPS) RWY 28, AMDT 1A... DISREGARD PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. 05 DEC 15:02 2017 UNTIL 17 JUL 15:02 2018 ESTIMATED. CREATED: 05 DEC 15:03 2017

!FDC 7/3959 KI86 IAP PERRY COUNTY, New Lexington, OH. VOR/DME RWY 26, AMDT 2... PROCEDURE NA AT NIGHT. VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE 4.00/TCH 28 FEET). 27 OCT 14:54 2017 UNTIL 08 JUN 14:54 2018 ESTIMATED. CREATED: 27 OCT 14:55 2017

!FDC 7/3957 KI86 IAP PERRY COUNTY, New Lexington, OH. RNAV (GPS) RWY 26, ORIG-A... PROCEDURE NA AT NIGHT. VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE 4.00/TCH 28 FEET). 27 OCT 14:45 2017 UNTIL 08 JUN 14:45 2018 ESTIMATED. CREATED: 27 OCT 14:46 2017

!FDC 7/4128 KI10 IAP NOBLE COUNTY, CALDWELL, OH. VOR-A, AMDT 1A... DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, CTW VOR OUT OF SERVICE. 29 SEP 13:48 2017 UNTIL 11 MAY 13:48 2018 ESTIMATED. CREATED: 29 SEP 13:49 2017

!FDC 7/8386 K4G5 ODP MONROE COUNTY, Woodsfield, OH. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2... NOTE: RWY 07, DRILLING RIG, 1546 FT FROM DEPARTURE END OF RWY, 646 FT RIGHT OF CENTERLINE, 170 AGL/1333 MSL

(2016-AGL-14260-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 23 JUN 16:05 2017
UNTIL 29 JUN 16:05 2018 ESTIMATED. CREATED: 23 JUN 16:06 2017

!FDC 7/1491 KMPG IAP MARSHALL COUNTY, Moundsville, WV. RNAV (GPS) RWY 6,
ORIG-B... NOTE: CIRCLING RWY 24 NA AT NIGHT. VDA 3.04/TCH 40 NA. DISREGARD
NOTE: PROCEDURE NA AT NIGHT. DISREGARD NOTE: HELICOPTER VISIBILITY
REDUCTION BELOW 1 SM NA. 11 OCT 15:06 2017 UNTIL 23 MAY 15:05 2018
ESTIMATED. CREATED: 11 OCT 15:06 2017

!FDC 7/1486 KMPG IAP MARSHALL COUNTY, Moundsville, WV. RNAV (GPS) RWY 24,
ORIG-A... NOTE: STRAIGHT-IN RWY 24 NA AT NIGHT. NOTE: RWY 24 HELICOPTER
VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD NOTE: PROCEDURE
NA AT NIGHT. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA.
11 OCT 15:03 2017 UNTIL 23 MAY 15:03 2018 ESTIMATED. CREATED: 11 OCT 15:03
2017

!FDC 7/1483 KMPG IAP MARSHALL COUNTY, Moundsville, WV. VOR/DME-A, AMDT
2B... NOTE: CIRCLING RWY 24 NA AT NIGHT. NOTE: RWY 24 HELICOPTER VISIBILITY
REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD NOTE: PROCEDURE NA AT NIGHT.
DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. 11 OCT 14:57
2017 UNTIL 23 MAY 14:57 2018 ESTIMATED. CREATED: 11 OCT 14:58 2017

!FDC 7/8571 KCKB IAP NORTH CENTRAL WEST VIRGINIA, Clarksburg, WV. ILS OR
LOC RWY 21, AMDT 4... DME REQUIRED FOR PROCEDURE ENTRY EXCEPT FOR AIRCRAFT
EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, MGW VORTAC OUT OF SERVICE. 05
DEC 12:30 2017 UNTIL 01 MAR 12:30 2018 ESTIMATED. CREATED: 05 DEC 12:30
2017

!FDC 7/5718 K4G7 ODP FAIRMONT MUNI-FRANKMAN FIELD, Fairmont, WV. TAKEOFF
MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 6... TAKE-OFF MINIMUMS:
RWY 05, 500-2 3/4. NOTE: RWY 05, TREE 356 FT FROM DER, 74 FT RIGHT OF
CENTERLINE, 1025 FT MSL. TREE 1281 FT FROM DER, 620 FT LEFT OF CENTERLINE,
1057 FT MSL. TREES, BEGINNING 1739 FT FROM DER, 497 FT RIGHT OF CENTERLINE,
UP TO 1166 FT MSL. TREES, BEGINNING 4573 FT FROM DER, 457 FT RIGHT OF
CENTERLINE, UP TO 1168 FT MSL. TREE 4937 FT FROM DER, 604 FT RIGHT OF
CENTERLINE, 1180 FT MSL. TREE 5076 FT FROM DER, 625 FT RIGHT OF CENTERLINE,
1193 FT MSL. TREE 5102 FT FROM DER, 746 FT RIGHT OF CENTERLINE, 1205 FT
MSL. TOWER, POLE, BEGINNING 1.4 NM FROM DER, 1545 FT RIGHT OF CENTERLINE,
UP TO 144 FT AGL/1394 FT MSL. TOWER 1.6 NM FROM DER, 687 FT RIGHT OF
CENTERLINE, 216 FT AGL/1465 FT MSL.. ALL OTHER DATA REMAINS AS PUBLISHED.
13 NOV 12:58 2017 UNTIL 25 JUN 12:58 2018 ESTIMATED. CREATED: 13 NOV 12:58
2017

!FDC 7/8569 KMGW ODP MORGANTOWN MUNI-WALTER L BILL HART FLD, Morgantown,
WV. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 6...
DEPARTURE PROCEDURE: RWY 5, NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE

RNAV SYSTEM WITH GPS, MGW VORTAC OUT OF SERVICE. 05 DEC 12:30 2017 UNTIL 01 MAR 12:30 2018 ESTIMATED. CREATED: 05 DEC 12:30 2017

!FDC 7/8567 KMGW IAP MORGANTOWN MUNI-WALTER L BILL HART FLD, Morgantown, WV. ILS OR LOC RWY 18, AMDT 13B... MISSED APPROACH: CLIMB TO 1900 THEN CLIMBING RIGHT TURN TO 4000 DIRECT CKB VOR/DME AND HOLD. RADAR REQUIRED FOR PROCEDURE ENTRY EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, MGW VORTAC OUT OF SERVICE. 05 DEC 12:30 2017 UNTIL 01 MAR 12:30 2018 ESTIMATED. CREATED: 05 DEC 12:30 2017

!FDC 7/5996 KMGW IAP MORGANTOWN MUNI-WALTER L BILL HART FLD, Morgantown, WV. VOR-A, AMDT 13... PROCEDURE NA. 17 OCT 12:47 2017 UNTIL 29 MAY 12:47 2018 ESTIMATED. CREATED: 17 OCT 12:47 2017

!FDC 7/3591 22PA SPECIAL UNIONTOWN HOSPITAL, Uniontown, PA. COPTER RNAV (GPS) 109, ORIG... PROCEDURE NA. 17 AUG 12:35 2017 UNTIL 29 MAR 12:35 2018 ESTIMATED. CREATED: 17 AUG 12:35 2017

!FDC 7/1615 22PA SPECIAL UNIONTOWN HOSPITAL, Uniontown, PA. COPTER GPS 109, ORIG ... PROCEDURE NA. 15 AUG 14:29 2017 UNTIL 27 MAR 14:29 2018 ESTIMATED. CREATED: 15 AUG 14:29 2017

!FDC 7/8996 KCBF ODP GREATER CUMBERLAND RGNL, Cumberland, MD. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 7... DEPARTURE PROCEDURE: RWY 23, CLIMB HEADING 214 TO 3500 BEFORE PROCEEDING ON COURSE (2017-ANE-7041-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 05 DEC 20:34 2017 UNTIL 17 JUL 20:32 2018 ESTIMATED. CREATED: 05 DEC 20:34 2017

!FDC 7/7645 KCBF IAP GREATER CUMBERLAND RGNL, CUMBERLAND, MD. LOC/DME RWY 23, AMDT 7... PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ESL VOR/DME OUT OF SERVICE. 05 OCT 00:08 2017 UNTIL 13 JAN 00:08 2018 ESTIMATED. CREATED: 05 OCT 00:08 2017

!FDC 7/6884 KW35 ODP POTOMAC AIRPARK, Berkeley Springs, WV. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1... TAKEOFF MINIMUMS: RWY 11 29, 1900-2 WITH MINIMUM CLIMB OF 402 FT PER NM TO 2600. NOTE: RWY 11, BUSH 30 FT FROM DER, 21 FT LEFT OF CENTERLINE, 416 FT MSL. TREES BEGINNING 43 FT FROM DER, 44 FT RIGHT OF CENTERLINE, UP TO 94 FT AGL/502 FT MSL. TREES BEGINNING 193 FT FROM DER, 16 FT LEFT OF CENTERLINE, UP TO 470 FT MSL. TREES BEGINNING 434 FT FROM DER, 150 FT RIGHT OF CENTERLINE, UP TO 544 FT MSL. TREES 543 FT FROM DER, 251 FT LEFT OF CENTERLINE, UP TO 480 FT MSL. TREES BEGINNING 789 FT FROM DER, 24 FT LEFT OF CENTERLINE, UP TO 518 FT MSL. TREES BEGINNING 960 FT FROM DER, 28 FT RIGHT OF CENTERLINE, UP TO 614 FT MSL. TREES BEGINNING 1358 FT FROM DER, 17 FT LEFT OF CENTERLINE, UP TO 521 FT MSL. TREES BEGINNING 1471 FT FROM DER, 424 FT RIGHT OF CENTERLINE, UP TO 646 FT MSL. TREES BEGINNING 1544 FT FROM DER, 208 FT

RIGHT OF CENTERLINE, UP TO 650 FT MSL. TREES, POLE, BUSH BEGINNING 1774 FT FROM DER, 106 FT RIGHT OF CENTERLINE, UP TO 658 FT MSL. TREES BEGINNING 2031 FT FROM DER, 6 FT LEFT OF CENTERLINE, UP TO 530 FT MSL. TREES, GRD, BUSH, BLDG BEGINNING 2151 FT FROM DER, 3 FT RIGHT OF CENTERLINE, UP TO 668 FT MSL. TREES BEGINNING 3472 FT FROM DER, 255 FT RIGHT OF CENTERLINE, UP TO 698 FT MSL. TREES BEGINNING 3737 FT FROM DER, 503 FT RIGHT OF CENTERLINE, UP TO 715 FT MSL. TREES, GRD BEGINNING 3833 FT FROM DER, 394 FT RIGHT OF CENTERLINE, UP TO 729 FT MSL. TREES BEGINNING 4134 FT FROM DER, 686 FT RIGHT OF CENTERLINE, UP TO 732 FT MSL. TREES BEGINNING 4157 FT FROM DER, 117 FT LEFT OF CENTERLINE, UP TO 581 FT MSL. TREES BEGINNING 4438 FT FROM DER, 541 FT RIGHT OF CENTERLINE, UP TO 748 FT MSL. TREES BEGINNING 4463 FT FROM DER, 1395 FT LEFT OF CENTERLINE, UP TO 603 FT MSL. TREES, VEHICLE ON RD BEGINNING 4487 FT FROM DER, 536 FT RIGHT OF CENTERLINE, UP TO 766 FT MSL. TREES BEGINNING 4769 FT FROM DER, 1377 FT LEFT OF CENTERLINE, UP TO 649 FT MSL. TREES, GRD, VEHICLE ON RD, POLE, BLDG BEGINNING 4916 FT FROM DER, 733 FT RIGHT OF CENTERLINE, UP TO 778 FT MSL. TREES BEGINNING 1.2 NM FROM DER, 2264 FT LEFT OF CENTERLINE, UP TO 650 FT MSL. TREES, TWR, BEGINNING 1.3 NM FROM DER, 1408 FT RIGHT OF CENTERLINE, UP TO 106 FT AGL/785 FT MSL. TREES BEGINNING 1.6 NM FROM DER, 2251 FT LEFT OF CENTERLINE, UP TO 68 FT AGL/758 FT MSL. TREES 2.3 NM FROM DER, 3836 FT LEFT OF CENTERLINE, UP TO 84 FT AGL/803 FT MSL. NOTE: RWY 29, TREES, VEHICLE ON RD, BUSH BEGINNING 33 FT FROM DER, 22 FT RIGHT OF CENTERLINE, UP TO 488 FT MSL. TREES, RR, VEHICLE ON ALL OTHER DATA REMAINS AS PUBLISHED. RD BEGINNING 62 FT FROM DER, 56 FT LEFT OF CENTERLINE, UP TO 500 FT MSL. TREES, VEHICLE ON RD, RR BEGINNING 201 FT FROM DER, 243 FT LEFT OF CENTERLINE, UP TO 517 FT MSL. TREES BEGINNING 530 FT FROM DER, 521 FT RIGHT OF CENTERLINE, UP TO 496 FT MSL. TREES, VEHICLE ON RD, POLE, PARKING LOT, RR, BEGINNING 576 FT FROM DER, 10 FT LEFT OF CENTERLINE, UP TO 528 FT MSL. TREES BEGINNING 864 FT FROM DER, 31 FT RIGHT OF CENTERLINE, UP TO 512 FT MSL. TREES, POLE BEGINNING 2357 FT FROM DER, 75 FT RIGHT OF CENTERLINE, UP TO 533 FT MSL. TREES BEGINNING 3859 FT FROM DER, 436 FT LEFT OF CENTERLINE, UP TO 532 FT MSL. TREES BEGINNING 4009 FT FROM DER, 385 FT RIGHT OF CENTERLINE, UP TO 561 FT MSL. TREES BEGINNING 4416 FT FROM DER, 20 FT RIGHT OF CENTERLINE, UP TO 557 FT MSL. TREES, POLE BEGINNING 5699 FT FROM DER, 40 FT LEFT OF CENTERLINE, UP TO 616 FT MSL. TREES, VEHICLE ON RD, TANK, POLE BEGINNING 5811 FT FROM DER, 311 FT RIGHT OF CENTERLINE, UP TO 712 FT MSL. TREES, PARKING LOT, GRD, BLDG BEGINNING 5998 FT FROM DER, 1 FT LEFT OF CENTERLINE, UP TO 621 FT MSL. TREES BEGINNING 1.3 NM FROM DER, ON CENTERLINE, UP TO 817 FT MSL. TREES, GRD, BLDG, POLE BEGINNING 1.3 NM FROM DER, 12 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/752 FT MSL. TREES, VEHICLE ON RD BEGINNING 1.3 NM FROM DER, 251 FT RIGHT OF CENTERLINE, UP TO 823 FT MSL. TREES, GRD, VEHICLE ON RD, BLDG, POLE, FENCE, BUSH BEGINNING 1.4 NM FROM DER, ON CENTERLINE, UP TO 101 FT AGL/825 FT MSL. TREES, POLE, VEHICLE ON RD BEGINNING 1.9 NM FROM DER, 391 FT LEFT OF CENTERLINE, UP TO 787 FT MSL. TREES 2.4 NM FROM DER, 3979 FT LEFT OF CENTERLINE, UP TO 802 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED.

07 JUL 19:02 2017 UNTIL 16 FEB 19:02 2018 ESTIMATED. CREATED: 07 JUL 19:02 2017

!FDC 7/7716 KOKV IAP WINCHESTER RGNL, Winchester, VA. ILS OR LOC RWY 32, AMDT 2... S-LOC 32 MDA 1080/HAT 365 ALL CATS. VIS CAT C 5/8. VDP 2.15 DME FROM TZX LOC/DME. CIRCLING CATS A/B/C MDA 1280/HAA 554. TEMP CRANE 920 MSL 5495 FT N OF RWY 14 (2016-AEA-9155-OE). 04 DEC 17:16 2017 UNTIL 30 JAN 17:16 2018 ESTIMATED. CREATED: 04 DEC 17:16 2017

!FDC 7/7714 KOKV IAP WINCHESTER RGNL, Winchester, VA. RNAV (GPS) RWY 32, ORIG... LVAN/VNAV DA 1078/HAT 363 ALL CATS. LNAV MDA 1120/HAT 405 ALL CATS. VDP 1.17 NM TO RW32. CIRCLING CATS A/B/C MDA 1280/HAA 554. TEMP CRANE 920 MSL 5495 FT N OF RWY 14 (2016-AEA-9155-OE). 04 DEC 17:16 2017 UNTIL 30 JAN 17:16 2018 ESTIMATED. CREATED: 04 DEC 17:16 2017

!FDC 7/7097 KOKV IAP WINCHESTER RGNL, WINCHESTER, VA. RNAV (GPS) RWY 14, AMDT 1... LNAV/VNAV DA 1131/HAT 405, VIS 1 3/8 ALL CATS. LNAV MDA 1220/HAT 494 ALL CATS. VIS CATS C/D 1 3/8. CIRCLING CATS A/B MDA 1280/HAA 554. VDP NA. TEMP CRANE 920 MSL 5495 FT N OF RWY 14 (2016-AEA-9155-OE). 04 OCT 17:05 2017 UNTIL 16 MAY 17:05 2018 ESTIMATED. CREATED: 04 OCT 17:05 2017

!FDC 7/8495 KMRB IAP EASTERN WV RGNL/SHEPHERD FLD, Martinsburg, WV. ILS OR LOC RWY 26, AMDT 8B... RNAV (GPS) RWY 26, ORIG-B... RNAV (GPS) RWY 8, AMDT 1A... VOR-A, AMDT 10... CIRCLING CATS A/B/C/D MDA 1400/HAA 835. VIS CAT A /B 1 1/4, CAT C 2 1/2, CAT D 2 3/4. CRANES, UP TO 1041 MSL, 1.03 NM NW OF KMRB (2017-AEA- 4594 THRU 4597-OE). 11 AUG 13:00 2017 UNTIL 26 AUG 12:34 2018 ESTIMATED. CREATED: 11 AUG 12:35 2017

!FDC 7/8494 KMRB IAP EASTERN WV RGNL/SHEPHERD FLD, Martinsburg, WV. RNAV (GPS) RWY 8, AMDT 1A... LNAV/VNAV DA 1209/HAT 644 ALL CATS. VIS 2 1/4 ALL CATS. LNAV MDA 1380/HAT 815 ALL CATS. VIS CAT B 1 1/4, CAT C/D/E 2 1/2. WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HAGERSTOWN ALTIMETER SETTING AND INCREASE ALL DA 70 FEET AND LPV ALL CATS VISIBILITY 1/8 MILE, LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE, INCREASE ALL MDA 80 FEET AND LNAV CAT C/D/E AND CIRCLING CAT C/D VISIBILITY 1 /4 MILE. CRANES, UP TO 1041 MSL, 3253 FEET NW OF APPROACH END RWY 8 (2017-AEA- 4594 THRU 4597-OE). 11 AUG 13:00 2017 UNTIL 26 AUG 12:34 2018 ESTIMATED. CREATED: 11 AUG 12:35 2017

!FDC 7/8020 KMRB IAP EASTERN WV RGNL/SHEPHERD FLD, Martinsburg, WV. VOR-A, AMDT 10... PROCEDURE NA. 20 SEP 17:20 2017 UNTIL 02 MAY 17:20 2018 ESTIMATED. CREATED: 20 SEP 17:20 2017

!FDC 7/7646 KMRB SID EASTERN WV RGNL/SHEPHERD FLD, MARTINSBURG, WV. TRIXY FIVE DEPARTURE... KESSEL TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ESL VOR/DME OUT OF SERVICE. 05 OCT 00:08 2017 UNTIL 13 JAN 00:08 2018 ESTIMATED. CREATED: 05 OCT 00:08 2017

!FDC 7/6407 KMRB IAP EASTERN WV RGNL/SHEPHERD FLD, Martinsburg, WV. RNAV (GPS) RWY 8, AMDT 1A... CIRCLING CAT A MDA 1100/HAA 535. 15 DEC 19:05 2017 UNTIL 27 JUL 19:05 2018 ESTIMATED. CREATED: 15 DEC 19:05 2017

!FDC 7/6405 KMRB IAP EASTERN WV RGNL/SHEPHERD FLD, Martinsburg, WV. VOR-A, AMDT 10... CIRCLING CAT A MDA 1100/HAA 535. 15 DEC 19:01 2017 UNTIL 27 JUL 19:01 2018 ESTIMATED. CREATED: 15 DEC 19:02 2017

!FDC 7/3743 KMRB SID EASTERN WV RGNL/SHEPHERD FLD, Martinsburg, WV. SCRAM THREE DEPARTURE (RNAV)... CHANGE TAKEOFF RWY 8 NOTE TO READ: IF ISSUED AN ATC HEADING THAT REQUIRES A WESTBOUND TURN, CLIMB HEADING 079 TO 1200 PRIOR TO TURNING FOR OBSTACLE AVOIDANCE. ALL OTHER DATA REMAINS AS PUBLISHED. 14 SEP 14:35 2017 UNTIL 26 APR 14:35 2018 ESTIMATED. CREATED: 14 SEP 14:35 2017

!FDC 7/0998 KMRB STAR EASTERN WV REGIONAL AIRPORT, MARTINSBURG, WV, PRIVO ONE ARR. AMEND TO READ DAFIX TO OVIEE, MEA 10000. PROC ENDS AT TWEAK INT. DEPART TWEAK INT HDG 190. EXP RADAR VECTORS TO FINAL APCH COURSE. FDK VOR DME R-185 UNUSABLE. 14 JUL 12:00 2017 UNTIL 31 DEC 23:59 2017. CREATED: 14 JUL 11:57 2017

!FDC 7/4810 9VA5 IAP BLUEGRASS, Bluemont, VA. COPTER VOR/DME, ORIG ... PROCEDURE NA. 04 AUG 17:10 2017 UNTIL 16 MAR 17:10 2018 ESTIMATED. CREATED: 04 AUG 17:11 2017

!FDC 7/8366 2VG2 SPECIAL UPPERVILLE, Upperville, VA. RNAV (GPS) RWY 31, ORIG... NOTE: USE OF UPPERVILLE AIRPORT REQUIRES PERMISSION OF THE OWNER; USE OF THIS PROCEDURE REQUIRES SPECIFIC AUTHORIZATION BY FAA FLIGHT STANDARDS. 19 OCT 13:45 2017 UNTIL 31 MAY 13:45 2018 ESTIMATED. CREATED: 19 OCT 13:46 2017

!FDC 7/7505 KHGR 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. 04 DEC 13:12 2017 UNTIL 16 JUL 13:12 2018 ESTIMATED. CREATED: 04 DEC 13:12 2017

!FDC 7/0996 KJYO STAR LEESBURG EXECUTIVE AIRPORT, LEESBURG, VA, PRIVO ONE ARR. AMEND TO READ DAFIX TO OVIEE, MEA 10000. PROC ENDS AT TWEAK INT. DEPART TWEAK INT HDG 190. EXP RADAR VECTORS TO FINAL APCH COURSE. FDK VOR DME R-185 UNUSABLE. 14 JUL 12:00 2017 UNTIL 31 DEC 23:59 2017. CREATED: 14 JUL 11:54 2017

!FDC 6/1211 KJYO STAR LEESBURG EXECUTIVE, LEESBURG, VA. COATT FOUR ARRIVAL NOT AUTHORIZED. 15 SEP 00:00 2016 UNTIL PERM. CREATED: 14 SEP 12:17 2016

!FDC 7/6233 KGAI IAP MONTGOMERY COUNTY AIRPARK, Gaithersburg, MD. RNAV (GPS)-A, ORIG-B... ALTERNATE MINIMUMS STANDARD: EXCEPT, NA WHEN LOCAL WEATHER NOT AVAILABLE. 21 AUG 14:26 2017 UNTIL 02 APR 14:26 2018 ESTIMATED. CREATED: 21 AUG 14:26 2017

!FDC 7/4992 KFDK ODP FREDERICK MUNI, Frederick, MD. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 4... NOTE: RWY 30, TEMP CRANE 833 FT FROM DER, 700 FT RIGHT OF CENTERLINE, 110 FT AGL/372 FT MSL (2015-AEA-4681-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 21 JUL 12:17 2017 UNTIL 02 MAR 12:17 2018 ESTIMATED. CREATED: 21 JUL 12:17 2017

!FDC 7/4991 KFDK SID FREDERICK MUNI, Frederick, MD. CONLE THREE DEPARTURE (RNAV)... TERPZ SIX DEPARTURE (RNAV)... TAKEOFF OBSTACLES: RWY 30: TEMP CRANE 833 FT FROM DER, 700 FT RIGHT OF CENTERLINE, 110 FT AGL/372 FT MSL (2015-AEA-4681-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 21 JUL 12:17 2017 UNTIL 02 MAR 12:17 2018 ESTIMATED. CREATED: 21 JUL 12:17 2017

All General FDC NOTAMs

All published NOTAMs are available in the Notices to Airmen Publication (NTAP).

!FDC 7/7852 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH1, PANEL C, EFFECTIVE 07 DEC 2017... J889R IS MISSING A CHANGE OVER POINT BETWEEN THE FIX KONKS AND THE FIX LAIRE. THE CHANGE OVER POINT IS 40 NAUTICAL MILES FROM THE FIX KONKS. 04 DEC 19:22 2017 UNTIL PERM. CREATED: 04 DEC 19:22 2017

!FDC 7/7849 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH1, PANEL B, EFFECTIVE 07 DEC 2017... J889R IS MISSING A CHANGE OVER POINT BETWEEN THE FIX NOWEL AND THE FIX ARISE. THE CHANGE OVER POINT IS 10 NAUTICAL MILES FROM THE FIX NOWEL. 04 DEC 19:19 2017 UNTIL PERM. CREATED: 04 DEC 19:19 2017

!FDC 7/7848 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH1, PANEL D, EFFECTIVE 07 DEC 2017... J804R IS MISSING A CHANGE OVER POINT BETWEEN THE FIX EEDEN AND THE FIX FRIED. THE CHANGE OVER POINT IS 112 NAUTICAL MILES FROM THE FIX EEDEN. 04 DEC 19:17 2017 UNTIL PERM. CREATED: 04 DEC 19:17 2017

!FDC 7/7845 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH1, PANEL C, EFFECTIVE 07 DEC 2017... J804R IS MISSING A CHANGE OVER POINT BETWEEN MIDDLETON ISLAND VOR/DME (MDO) AND THE FIX SNOUT. THE CHANGE OVER POINT IS 121 NAUTICAL MILES FROM MIDDLETON ISLAND VOR/DME (MDO). 04 DEC 19:14 2017 UNTIL PERM. CREATED: 04 DEC 19:14 2017

!FDC 7/7844 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE

CHART AKH1, PANEL C, EFFECTIVE 07 DEC 2017... J507 SHOWS THE CHANGEOVER POINT AT THE WRONG LOCATION BETWEEN NORTHWAY VORTAC (ORT) AND YAKUTAT VOR/DME (YAK). THE CHANGEOVER POINT IS 135 NAUTICAL MILES FROM NORTHWAY VORTAC (ORT). 04 DEC 19:10 2017 UNTIL PERM. CREATED: 04 DEC 19:11 2017

!FDC 7/7841 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH1, PANEL D, EFFECTIVE 07 DEC 2017... J502 IS MISSING A CHANGEOVER POINT BETWEEN SEATTLE VORTAC (SEA) AND VICTORIA VOR/DME (YYJ). THE CHANGEOVER POINT IS 50 NAUTICAL MILES FROM SEATTLE VORTAC (SEA). 04 DEC 19:07 2017 UNTIL PERM. CREATED: 04 DEC 19:07 2017

!FDC 7/7812 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH1, PANEL C, EFFECTIVE 07 DEC 2017... J501 IS MISSING A CHANGEOVER POINT BETWEEN BIORKA ISLAND VORTAC (BKA) AND YAKUTAT VOR/DME (YAK). THE CHANGEOVER POINT IS 98 NAUTICAL MILES FROM BIORKA ISLAND AK VORTAC (BKA). 04 DEC 19:00 2017 UNTIL PERM. CREATED: 04 DEC 19:00 2017

!FDC 7/7811 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH1, PANEL D, EFFECTIVE 07 DEC 2017... J501 IS MISSING A CHANGEOVER POINT BETWEEN SANDSPIT VOR/DME (YZP) AND THE BIORKA ISLAND VORTAC (BKA). THE CHANGEOVER POINT IS 99 NAUTICAL MILES FROM SANDSPIT VOR/DME (YZP). 04 DEC 18:56 2017 UNTIL PERM. CREATED: 04 DEC 18:56 2017

!FDC 7/6415 FDC CHART CORRECT U.S. GOVERNMENT HALIFAX VFR SECTIONAL AERONAUTICAL CHART, 97TH EDITION, EFFECTIVE 17 AUG 2017... CORRECT US GOVT HALIFAX VFR SECTIONAL AERONAUTICAL CHART, 97TH EDITION, EFF 17 AUG 2017. ADD RNAV RTE T735 FM RNAV WPT IRDUV 46 16 27N, 065 09 32W TO CHARLOTTETOWN, PE VORDME (YYG) 46 17 52N, 063 07 11W TO SYDNEY, NS VORDME (YQY) 46 09 12N, 060 03 20W. ADD RNAV RTE T672 FM HALIFAX, NS VORDME (YHZ) 44 55 23N, 063 24 07W TO NOTOP INT 45 27 09N, 062 00 43W TO PERLU RNAV WPT 47 17 25N, 054 02 46W. ADD RNAV RTE T783 FM HALIFAX, NS VORDME (YHZ) 44 55 23N, 063 24 07W TO NOTOP INT 45 27 09N, 062 00 43W TO SILRO RNAV WPT AT 47 00 00N, 058 35 00W. 01 DEC 18:23 2017 UNTIL PERM. CREATED: 01 DEC 18:26 2017

!FDC 7/6369 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L20, PANEL J, EFFECTIVE 07 DEC 2017... ZHU ARTCC REMOTED SITE HOUSTON EAST BREAKS 127.85 RCAG FREQ. 01 DEC 17:07 2017 UNTIL PERM. CREATED: 01 DEC 17:09 2017

!FDC 7/5457 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L21, PANEL B, EFFECTIVE 07 DEC 2017... LAFAYETTE (LFT) VORTAC REMOVE HIWAS. 13 DEC 22:16 2017 UNTIL PERM. CREATED: 13 DEC 22:16 2017

!FDC 7/5049 FDC CHART CORRECT U.S. GOVERNMENT OMAHA VFR SECTIONAL AERONAUTICAL CHART, 96TH EDITION, EFFECTIVE 20 JUL 2017... CORRECT CHART BY CHANGING RUNWAY LENGTH FROM 3800 FEET TO 4000 FEET AT CHEROKEE CO RGNL

(CKP), CHEROKEE, IA LOCATED AT 42 43 53N, 95 33 22W. 21 JUL 13:53 2017
UNTIL PERM. CREATED: 21 JUL 13:54 2017

!FDC 7/4156 FDC CHART CORRECT U.S. GOVERNMENT SAN FRANCISCO VFR SECTIONAL
AERONAUTICAL CHART, 99TH EDITION, EFFECTIVE 17 AUG 2017... ADD HAWTHORNE,
NV CLASS E. THAT AIRSPACE EXTENDING UPWARD FROM 700 FEET ABOVE THE SURFACE
WITHIN 3.6 MILES OF THE HAWTHORNE INDUSTRIAL AIRPORT AND WITHIN 2 MILES
EACH SIDE OF A LINE EXTENDING FROM 38 32 25N, 118 37 26W TO 38 28 43N, 118
27 48W TO 38 28 49N, 118 24 19W TO 38 32 06N, 118 18 07W. 13 OCT 14:04 2017
UNTIL PERM. CREATED: 13 OCT 14:07 2017

!FDC 7/3823 FDC CHART CORRECT U.S. GOVERNMENT KANSAS CITY VFR SECTIONAL
AERONAUTICAL CHART, 99TH EDITION, EFFECTIVE 09 NOV 2017... CORRECT CHART BY
AMENDING THE PARAGOULD, AR CLASS E AIRSPACE. THAT AIRSPACE EXTENDING UPWARD
FROM 700 FEET ABOVE THE SURFACE WITHIN A 6.5 MILE RADIUS OF KIRK FIELD
LOCATED AT 36 03 49N, 90 30 33W; AND WITHIN 3 MILES EACH SIDE OF THE 019
DEG RADIAL FROM THE JONESBORO VOR EXTENDING FROM THE 6.5 MILE RADIUS TO
10.1 MILES SOUTH OF THE AIRPORT. 08 NOV 21:56 2017 UNTIL PERM. CREATED: 08
NOV 21:56 2017

!FDC 7/3754 FDC CHART CORRECT U.S. GOVERNMENT OMAHA VFR SECTIONAL
AERONAUTICAL CHART, 96TH EDITION, EFFECTIVE 20 JUL 2017... ADD ELEVATION
VALUES 1439 FT MSL, 300 FT AGL TO OBST LOCATED AT 42 42 48N, 94 13 48W. 19
JUL 20:32 2017 UNTIL PERM. CREATED: 19 JUL 20:32 2017

!FDC 7/3750 FDC CHART CORRECT U.S. GOVERNMENT OMAHA VFR SECTIONAL
AERONAUTICAL CHART, 96TH EDITION, EFFECTIVE 20 JUL 2017... CORRECT CHART BY
ADDING IDENTIFIER (0K7); RUNWAY LENGTH 3400 FEET AT HUMBOLDT AIRPORT (0K7);
HUMBOLDT, IA LOCATED AT 42 44 05N, 94 14 43W. 19 JUL 20:18 2017 UNTIL PERM.
CREATED: 19 JUL 20:18 2017

!FDC 7/3603 FDC CHART CORRECT U.S. GOVERNMENT IFR AREA CHART A2 LOS
ANGELES, EFFECTIVE 12 OCT 2017... ON V186 R278 FROM VOR/DME VAN NUYS (VNY)
TO VORTAC FILLMORE (FIM); ON V186 ADD MEA BREAK FIX TIFNI, CA MEA 5500 FROM
VOR/DME VAN NUYS (VNY) TO TIFNI AND MEA 4000 FROM TIFNI TO VORTAC PARADISE
(PDZ). 12 OCT 19:13 2017 UNTIL PERM. CREATED: 12 OCT 19:14 2017

!FDC 7/0465 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE
CHART L1, B, C, EFFECTIVE 14 SEP 2018... EFFECTIVE DATE 07 DEC 2018 REMOVE
CHANGE OVER POINT ON V287495500 BETWEEN VORTAC BTG BATTLE GROUND AND
VOR/DME UBG NEWBURG. 07 DEC 11:10 2017 UNTIL PERM. CREATED: 07 DEC 11:11
2017

!FDC 7/0285 FDC CHART CORRECT U.S. GOVERNMENT LOS ANGELES VFR SECTIONAL
AERONAUTICAL CHART, 102ND EDITION, EFFECTIVE 07 DEC 2017... CHANGE SPOT
ELEVATION VALUE FROM 534 TO 5348 AT 355720N, 1174959W. 06 DEC 22:22 2017

UNTIL PERM. CREATED: 06 DEC 22:22 2017

!FDC 7/0231 FDC CHART CORRECT U.S. GOVERNMENT SEATTLE VFR SECTIONAL AERONAUTICAL CHART, 94TH EDITION, EFFECTIVE 07 DEC 2017... ADD RNAV ROUTE T609 FROM 490319N1255652W TO 485301N1252148W TO 485507N1245918W TO 485550N1245129W TO 485720N1243437W TO 490222N1233419W. 06 DEC 21:48 2017 UNTIL PERM. CREATED: 06 DEC 21:48 2017

!FDC 7/0119 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L25, PANEL D, EFFECTIVE 07 DEC 2017... DISREGARD UNLABELED REPORTING POINT AT N35 16 21.9 W082 28 15.7 AND IT'S MAKE UP OF DME 13 RADIAL 233 OUT OF SUGARLOAF MOUNTAIN VORTAC. 06 DEC 20:00 2017 UNTIL PERM. CREATED: 06 DEC 20:00 2017

!FDC 7/0067 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH1, PANEL C, EFFECTIVE 07 DEC 2017... J804R IS MISSING A CHANGE OVER POINT BETWEEN THE FIX SNOUT AND THE FIX EEDEN. THE CHANGE OVER POINT IS 65 NAUTICAL MILES FROM THE FIX SNOUT. 06 DEC 19:25 2017 UNTIL PERM. CREATED: 06 DEC 19:25 2017

!FDC 6/5124 FDC CHART CORRECT U.S. GOVERNMENT CINCINNATI VFR SECTIONAL AERONAUTICAL CHART, 97TH EDITION, EFFECTIVE 08 DEC 2016... REVISE AIRPORT IDENTIFIER FROM 031 TO 03I AT CLARKS DREAM STRIP LOCATED AT 39 38 37N, 83 01 02W. 27 DEC 20:27 2016 UNTIL PERM. CREATED: 27 DEC 20:28 2016

!FDC 6/4260 KZZZ SECURITY...SPECIAL SECURITY INSTRUCTIONS FOR FOREIGN STATE AIRCRAFT OPERATIONS TO OR FROM, WITHIN, OR TRANSITING UNITED STATES (U.S.) TERRITORIAL AIRSPACE. THE FOLLOWING SPECIAL SECURITY REQUIREMENTS FOR FOREIGN STATE AIRCRAFT OPERATIONS TO, FROM, WITHIN, OR TRANSITING U.S. TERRITORIAL AIRSPACE ARE IN EFFECT PURSUANT TO 14 CODE OF FEDERAL REGULATIONS (CFR) 99.7, SPECIAL SECURITY INSTRUCTIONS, AND 49 USC 40103 AND 41703, IN ADDITION TO THE REQUIREMENTS PRESCRIBED IN 14 CFR PART 99 (SECURITY CONTROL OF AIR TRAFFIC). THE REQUIREMENTS IN THIS NOTAM SUPERSEDE THE REQUIREMENTS FOR FOREIGN STATE AIRCRAFT OPERATIONS TO, FROM, WITHIN, OR TRANSITING U.S. TERRITORIAL AIRSPACE FORMERLY PUBLISHED IN FDC NOTAM 5/5806 (A0054/15). IN ADDITION TO THE REQUIREMENTS OF THIS NOTAM, FOREIGN STATE AIRCRAFT OPERATIONS MUST COMPLY WITH ALL OTHER APPLICABLE REGULATIONS PUBLISHED IN TITLE 14 CFR. PART I. STATE AIRCRAFT OPERATIONS TO OR FROM, WITHIN, OR TRANSITING U.S. TERRITORIAL AIRSPACE A. FOREIGN STATE AIRCRAFT MAY OPERATE TO OR FROM, WITHIN, OR IN TRANSIT OF THE TERRITORIAL AIRSPACE OF THE U.S. ONLY WHEN AUTHORIZED BY THE SECRETARY OF STATE BY MEANS OF A DIPLOMATIC CLEARANCE, EXCEPT AS DESCRIBED IN PARAGRAPH B OF PART I OF THIS NOTAM. DIPLOMATIC CLEARANCES MAY BE REQUESTED BY CONTACTING THE U.S. DEPARTMENT OF STATE POINT OF CONTACT LISTED IN PART II OF THIS NOTAM. 1) A FEDERAL AVIATION ADMINISTRATION (FAA) ROUTING AUTHORIZATION FOR STATE AIRCRAFT OPERATIONS OF SPECIAL INTEREST COUNTRIES LISTED IN PART IV,

PARAGRAPH E, OF THIS NOTAM IS REQUIRED BEFORE THE U.S. STATE DEPARTMENT WILL ISSUE A DIPLOMATIC CLEARANCE FOR SUCH OPERATIONS. FOREIGN GOVERNMENTS OF SPECIAL INTEREST COUNTRIES MUST REQUEST FAA ROUTING AUTHORIZATIONS BY CONTACTING THE FAA POINT OF CONTACT LISTED IN PART II OF THIS NOTAM. 2) FOREIGN STATE AIRCRAFT OPERATIONS MUST NAVIGATE U.S. TERRITORIAL AIRSPACE ON AN ACTIVE IFR FLIGHT PLAN, UNLESS SPECIFICALLY APPROVED FOR VFR FLIGHT OPERATIONS BY THE U.S. DEPARTMENT OF STATE IN THE DIPLOMATIC CLEARANCE. 3) A FOREIGN AIRCRAFT THAT OPERATES TO OR FROM, WITHIN, OR IN TRANSIT OF U.S. TERRITORIAL AIRSPACE WHILE CONDUCTING A STATE AIRCRAFT OPERATION IS NOT AUTHORIZED TO CHANGE ITS STATUS AS A STATE AIRCRAFT DURING ANY PORTION OF THE APPROVED, DIPLOMATICALLY CLEARED ITINERARY. 4) A FOREIGN AIRCRAFT DESCRIBED IN SUBPARAGRAPH A.3 MAY OPERATE FROM OR WITHIN U.S. TERRITORIAL AIRSPACE AS A CIVIL AIRCRAFT OPERATION, ONCE IT HAS COMPLETED ITS APPROVED, DIPLOMATICALLY CLEARED ITINERARY, IF THE OPERATOR IS: A FOREIGN AIR CARRIER THAT HOLDS VALID FAA PART 129 OPERATIONS SPECIFICATIONS; AND IS IN COMPLIANCE WITH ALL OTHER REQUIREMENTS APPLIED TO FOREIGN CIVIL AIRCRAFT OPERATIONS FROM OR WITHIN U.S. TERRITORIAL AIRSPACE. 5) FOREIGN STATE AIRCRAFT OPERATIONS ARE NOT AUTHORIZED TO OR FROM RONALD REAGAN WASHINGTON NATIONAL AIRPORT (KDCA). B. STATE AIRCRAFT OPERATIONS ON BEHALF OF THE GOVERNMENTS OF CANADA AND MEXICO CONDUCTED FOR THE PURPOSES OF AIR AMBULANCE, FIRE FIGHTING, LAW ENFORCEMENT, SEARCH AND RESCUE, OR EMERGENCY EVACUATION ARE AUTHORIZED TO TRANSIT U.S. TERRITORIAL AIRSPACE WITHIN 50 NM OF THEIR RESPECTIVE BORDERS WITH THE UNITED STATES, WITH OR WITHOUT AN ACTIVE FLIGHT PLAN, PROVIDED THEY HAVE RECEIVED AND CONTINUOUSLY TRANSMIT AN ATC ASSIGNED TRANSPONDER CODE. STATE AIRCRAFT OPERATIONS ON BEHALF OF THE GOVERNMENTS OF CANADA AND MEXICO CONDUCTED UNDER THIS PARAGRAPH B OF PART I ARE NOT REQUIRED TO OBTAIN A DIPLOMATIC CLEARANCE FROM THE U.S. DEPARTMENT OF STATE. PART II. U.S. STATE DEPARTMENT DIPLOMATIC CLEARANCE AND FAA ROUTING AUTHORIZATION INFORMATION A. INFORMATION ABOUT U.S. STATE DEPARTMENT DIPLOMATIC CLEARANCES FOR FOREIGN STATE AIRCRAFT FLIGHTS OPERATING TO OR FROM, WITHIN, OR TRANSITING U.S. TERRITORIAL AIRSPACE IS AVAILABLE AT: [HTTP://WWW.STATE.GOV/T/PM/ISO/C56895.HTM](http://WWW.STATE.GOV/T/PM/ISO/C56895.HTM) (LOWER CASE ONLY) OR BY CONTACTING THE U.S. STATE DEPARTMENT AT 2027367158, OR AFTER HOURS AT 2026479000. B. INFORMATION ABOUT FAA ROUTING AUTHORIZATIONS FOR U.S. STATE DEPARTMENT DESIGNATED SPECIAL INTEREST COUNTRY FLIGHT OPERATIONS TO OR FROM, WITHIN, OR TRANSITING U.S. TERRITORIAL AIRSPACE IS AVAILABLE BY COUNTRY AT: [HTTP://WWW.FAA.GOV/AIR_TRAFFIC/PUBLICATIONS/US_RESTRICTIONS/](http://WWW.FAA.GOV/AIR_TRAFFIC/PUBLICATIONS/US_RESTRICTIONS/) OR BY CONTACTING THE FAA SYSTEM OPERATIONS SUPPORT CENTER (SOSC) AT 2022678115. PART III. SPECIAL EMPHASIS A. PILOTS ARE REMINDED THAT THERE ARE INCREASED SECURITY MEASURES IN PLACE AT MANY AREAS. IN ACCORDANCE WITH 14 CFR 91.103, PRIOR TO DEPARTURE, PILOTS MUST BECOME FAMILIAR WITH ALL AVAILABLE INFORMATION CONCERNING THAT FLIGHT, INCLUDING ANY TEMPORARY FLIGHT RESTRICTIONS ALONG THEIR ROUTE OF FLIGHT OR AT THEIR POINT OF DEPARTURE/ARRIVAL. B. NONCOMPLIANCE WITH THESE SPECIAL SECURITY REQUIREMENTS MAY RESULT IN DENIAL OF FLIGHT ENTRY INTO U.S. TERRITORIAL AIRSPACE OR GROUND STOP OF THE FLIGHT AT A U.S. AIRPORT. C. PILOTS OF

AIRCRAFT THAT DO NOT ADHERE TO THE PROCEDURES IN THE SPECIAL SECURITY REQUIREMENTS CONTAINED IN THIS NOTAM MAY BE INTERCEPTED, AND/OR DETAINED AND INTERVIEWED BY FEDERAL, STATE, OR LOCAL LAW ENFORCEMENT OR OTHER GOVERNMENT PERSONNEL. PART IV. DEFINITIONS A. AS USED IN THIS NOTAM, THE TERM U.S. TERRITORIAL AIRSPACE MEANS THE AIRSPACE OVER THE UNITED STATES, ITS TERRITORIES, AND POSSESSIONS, AND THE AIRSPACE OVER THE TERRITORIAL SEA OF THE UNITED STATES, WHICH EXTENDS 12 NAUTICAL MILES FROM THE BASELINES OF THE UNITED STATES DETERMINED IN ACCORDANCE WITH INTERNATIONAL LAW. B. TO OR FROM MEANS ANY FLIGHT THAT: 1) ENTERS U.S. TERRITORIAL AIRSPACE AFTER DEPARTURE FROM A LOCATION OUTSIDE OF THE U.S., ITS TERRITORIES OR POSSESSIONS, FOR LANDING AT A DESTINATION IN THE U.S., ITS TERRITORIES OR POSSESSIONS; OR 2) EXITS U.S. TERRITORIAL AIRSPACE AFTER DEPARTURE FROM A LOCATION IN THE U.S., ITS TERRITORIES OR POSSESSIONS. C. TRANSIT MEANS ANY FLIGHT DEPARTING FROM A LOCATION OUTSIDE OF THE U.S., ITS TERRITORIES OR POSSESSIONS, WHICH OPERATES IN U.S. TERRITORIAL AIRSPACE ENROUTE TO A LOCATION OUTSIDE THE U.S., ITS TERRITORIES OR POSSESSIONS WITHOUT LANDING AT A DESTINATION IN THE U.S. D. WITHIN MEANS ANY FLIGHT DEPARTING FROM A LOCATION INSIDE OF THE U.S., ITS TERRITORIES OR POSSESSIONS, WHICH OPERATES TO A LOCATION INSIDE THE U.S., ITS TERRITORIES OR POSSESSIONS. E. THE U.S. STATE DEPARTMENT DESIGNATED SPECIAL INTEREST COUNTRIES ARE CUBA, IRAN, THE DEMOCRATIC PEOPLES REPUBLIC OF KOREA (NORTH KOREA), THE PEOPLE'S REPUBLIC OF CHINA, THE RUSSIAN FEDERATION, SUDAN, AND SYRIA. 16 JAN 00:30 2016 UNTIL PERM. CREATED: 16 JAN 01:08 2016

!FDC 6/4256 KZZZ SECURITY...SPECIAL SECURITY INSTRUCTIONS FOR CIVIL AIRCRAFT OPERATIONS TO OR FROM THE TERRITORIAL AIRSPACE OF THE UNITED STATES (U.S.). THE FOLLOWING SPECIAL SECURITY REQUIREMENTS FOR CIVIL AIRCRAFT OPERATIONS TO AND FROM THE U.S. ARE IN EFFECT PURSUANT TO 14 CODE OF FEDERAL REGULATIONS (CFR) 99.7, SPECIAL SECURITY INSTRUCTIONS, AND 49 USC 40103 AND 41703, IN ADDITION TO THE REQUIREMENTS PRESCRIBED IN 14 CFR PART 99 (SECURITY CONTROL OF AIR TRAFFIC). THE REQUIREMENTS IN THIS NOTAM SUPERSEDE THE REQUIREMENTS FOR CIVIL AIRCRAFT OPERATIONS TO OR FROM U.S. TERRITORIAL AIRSPACE FORMERLY PUBLISHED IN FDC NOTAM 5/5782 (A0053/15). SECURITY REQUIREMENTS FOR CIVIL AIRCRAFT OPERATIONS WITHIN OR TRANSITING U.S. TERRITORIAL AIRSPACE ARE PROVIDED IN A SEPARATE NOTAM. IN ADDITION TO THE REQUIREMENTS OF THIS NOTAM, CIVIL AIRCRAFT OPERATIONS TO OR FROM THE TERRITORIAL AIRSPACE OF THE U.S. MUST COMPLY WITH ALL OTHER APPLICABLE REGULATIONS PUBLISHED IN TITLE 14 CFR. PART I. CIVIL AIRCRAFT OPERATIONS TO OR FROM U.S. TERRITORIAL AIRSPACE A. CIVIL AIRCRAFT, EXCEPT AS DESCRIBED IN PART I, PARAGRAPH B, ARE AUTHORIZED TO OPERATE TO OR FROM THE TERRITORIAL AIRSPACE OF THE U.S. IF IN COMPLIANCE WITH ALL OF THE FOLLOWING CONDITIONS: 1) FILE AND ARE ON AN ACTIVE FLIGHT PLAN (IFR, VFR, OR DVFR); 2) ARE EQUIPPED WITH AN OPERATIONAL MODE C OR S TRANSPONDER, AND CONTINUOUSLY SQUAWK AN ATC ASSIGNED TRANSPONDER CODE; 3) MAINTAIN TWOWAY COMMUNICATIONS WITH ATC; 4) COMPLY WITH ALL APPLICABLE U.S. CUSTOMS AND BORDER PROTECTION (CBP) REQUIREMENTS, INCLUDING ADVANCE PASSENGER INFORMATION SYSTEM (APIS)

REQUIREMENTS, IN 19 CFR PART 122; AND 5) ARE IN RECEIPT OF A FEDERAL AVIATION ADMINISTRATION (FAA) ROUTING AUTHORIZATION IF THE AIRCRAFT IS REGISTERED IN A U.S. STATE DEPARTMENT DESIGNATED SPECIAL INTEREST COUNTRY OR IS OPERATING WITH THE ICAO THREE LETTER DESIGNATOR OF A COMPANY IN A COUNTRY LISTED AS A U.S. STATE DEPARTMENT DESIGNATED SPECIAL INTEREST COUNTRY, UNLESS THE OPERATOR HOLDS VALID FAA PART 129 OPERATIONS SPECIFICATIONS. VFR AND DVFR FLIGHT OPERATIONS ARE PROHIBITED FOR ANY AIRCRAFT REQUIRING AN FAA ROUTING AUTHORIZATION. B. CIVIL AIRCRAFT REGISTERED IN THE U.S., CANADA, OR MEXICO WITH A MAXIMUM CERTIFICATED TAKEOFF GROSS WEIGHT OF 100,309 POUNDS (45,500 KGS) OR LESS THAT ARE OPERATING WITHOUT AN OPERATIONAL MODE C OR S TRANSPONDER, AND/OR THE ABILITY TO MAINTAIN TWOWAY COMMUNICATIONS WITH ATC, ARE AUTHORIZED TO OPERATE TO OR FROM U.S. TERRITORIAL AIRSPACE OVER ALASKA IF IN COMPLIANCE WITH ALL OF THE FOLLOWING CONDITIONS: 1) DEPART AND LAND AT AN AIRPORT WITHIN THE U.S. OR CANADA; 2) ENTER OR EXIT U.S. TERRITORIAL AIRSPACE OVER ALASKA NORTH OF THE FIFTYFOURTH PARALLEL; 3) FILE AND ARE ON AN ACTIVE FLIGHT PLAN; 4) SQUAWK 1200 IF VFR AND EQUIPPED WITH A TRANSPONDER; AND 5) COMPLY WITH ALL APPLICABLE U.S. CBP REQUIREMENTS, INCLUDING APIS REQUIREMENTS, IN 19 CFR PART 122. PART II. FAA ROUTING AUTHORIZATION AND CBP APIS INFORMATION. A. INFORMATION ABOUT FAA ROUTING AUTHORIZATIONS FOR U.S. STATE DEPARTMENT DESIGNATED SPECIAL INTEREST COUNTRY FLIGHT OPERATIONS IN U.S. TERRITORIAL AIRSPACE IS AVAILABLE BY COUNTRY AT:

[HTTP://WWW.FAA.GOV/AIR_TRAFFIC/PUBLICATIONS/US_RESTRICTIONS/](http://www.faa.gov/air_traffic/publications/us_restrictions/) OR BY CONTACTING THE FAA SYSTEM OPERATIONS SUPPORT CENTER (SOSC) AT 2022678115.

B. INFORMATION ABOUT U.S. CBP APIS REQUIREMENTS IS AVAILABLE AT

[HTTP://WWW.CBP.GOV](http://www.cbp.gov) PART III. SPECIAL EMPHASIS A. PILOTS ARE REMINDED THAT THERE ARE INCREASED SECURITY MEASURES IN PLACE AT MANY AREAS. IN ACCORDANCE WITH 14 CFR 91.103, PRIOR TO DEPARTURE, PILOTS MUST BECOME FAMILIAR WITH ALL AVAILABLE INFORMATION CONCERNING THAT FLIGHT, INCLUDING ANY TEMPORARY FLIGHT RESTRICTIONS ALONG THEIR ROUTE OF FLIGHT OR AT THEIR POINT OF DEPARTURE/ARRIVAL. B. NONCOMPLIANCE WITH THESE SPECIAL SECURITY REQUIREMENTS MAY RESULT IN DENIAL OF FLIGHT ENTRY INTO U.S. TERRITORIAL AIRSPACE OR GROUND STOP OF THE FLIGHT AT A U.S. AIRPORT. C. PILOTS OF AIRCRAFT THAT DO NOT ADHERE TO THE PROCEDURES IN THE SPECIAL SECURITY REQUIREMENTS CONTAINED IN THIS NOTAM MAY BE INTERCEPTED, AND/OR DETAINED AND INTERVIEWED BY FEDERAL, STATE, OR LOCAL LAW ENFORCEMENT, OR OTHER GOVERNMENT PERSONNEL. PART IV. DEFINITIONS A. AS USED IN THIS NOTAM, THE TERM U.S. TERRITORIAL AIRSPACE MEANS THE AIRSPACE OVER THE UNITED STATES, ITS TERRITORIES, AND POSSESSIONS, AND THE AIRSPACE OVER THE TERRITORIAL SEA OF THE UNITED STATES, WHICH EXTENDS 12 NAUTICAL MILES FROM THE BASELINES OF THE UNITED STATES DETERMINED IN ACCORDANCE WITH INTERNATIONAL LAW. B. TO OR FROM MEANS ANY FLIGHT THAT: 1) ENTERS U.S. TERRITORIAL AIRSPACE AFTER DEPARTURE FROM A LOCATION OUTSIDE OF THE U.S., ITS TERRITORIES OR POSSESSIONS, FOR LANDING AT A DESTINATION IN THE U.S., ITS TERRITORIES OR POSSESSIONS; OR 2) EXITS U.S. TERRITORIAL AIRSPACE AFTER DEPARTURE FROM A LOCATION IN THE U.S., ITS TERRITORIES, OR POSSESSIONS, AND LANDS AT A

DESTINATION OUTSIDE THE U.S., ITS TERRITORIES OR POSSESSIONS. C. THE U.S. STATE DEPARTMENT DESIGNATED SPECIAL INTEREST COUNTRIES ARE CUBA, IRAN, THE DEMOCRATIC PEOPLES REPUBLIC OF KOREA (NORTH KOREA), THE PEOPLE'S REPUBLIC OF CHINA, THE RUSSIAN FEDERATION, SUDAN, AND SYRIA. 16 JAN 00:30 2016 UNTIL PERM. CREATED: 16 JAN 00:45 2016

IFDC 6/4255 KZZZ SECURITY...SPECIAL SECURITY INSTRUCTIONS FOR CIVIL AIRCRAFT OPERATIONS WITHIN OR TRANSITING THE TERRITORIAL AIRSPACE OF THE UNITED STATES (U.S.). THE FOLLOWING SPECIAL SECURITY REQUIREMENTS FOR CIVIL AIRCRAFT OPERATIONS WITHIN OR TRANSITING U.S. TERRITORIAL AIRSPACE ARE IN EFFECT PURSUANT TO 14 CODE OF FEDERAL REGULATIONS (CFR) 99.7, SPECIAL SECURITY INSTRUCTIONS, AND 49 USC 40103 AND 41703, IN ADDITION TO THE REQUIREMENTS PRESCRIBED IN 14 CFR PART 99, SECURITY CONTROL OF AIR TRAFFIC. THE REQUIREMENTS IN THIS NOTAM SUPERSEDE THE REQUIREMENTS FOR CIVIL AIRCRAFT OPERATIONS WITHIN OR TRANSITING U.S. TERRITORIAL AIRSPACE FORMERLY PUBLISHED IN FDC NOTAM 5/6289 (A0056/15). SECURITY REQUIREMENTS FOR CIVIL AIRCRAFT OPERATIONS TO OR FROM U.S. TERRITORIAL AIRSPACE ARE PROVIDED IN A SEPARATE NOTAM. IN ADDITION TO THE REQUIREMENTS OF THIS NOTAM, CIVIL AIRCRAFT OPERATIONS WITHIN OR TRANSITING THE TERRITORIAL AIRSPACE OF THE U.S. MUST COMPLY WITH ALL OTHER APPLICABLE REGULATIONS PUBLISHED IN TITLE 14 CFR. PART I. CIVIL AIRCRAFT OPERATIONS WITHIN U.S. TERRITORIAL AIRSPACE A. CIVIL AIRCRAFT WITH A MAXIMUM CERTIFICATED TAKEOFF GROSS WEIGHT LESS THAN OR EQUAL TO 100,309 POUNDS (45,500 KGS) ARE AUTHORIZED TO OPERATE WITHIN THE TERRITORIAL AIRSPACE OF THE U.S. IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS AND VFR IN AIRPORT TRAFFIC PATTERN AREAS OF UNITED STATES AIRPORTS NEAR THE UNITED STATES BORDER WITH THE EXCEPTION DESCRIBED IN PART I, PARAGRAPH B. B. CIVIL AIRCRAFT WITH A MAXIMUM CERTIFICATED TAKEOFF GROSS WEIGHT LESS THAN OR EQUAL TO 100,309 POUNDS (45,500 KGS) AND REGISTERED IN A U.S. STATE DEPARTMENT DESIGNATED SPECIAL INTEREST COUNTRY OR OPERATING WITH THE ICAO THREE LETTER DESIGNATOR OF A COMPANY IN A COUNTRY LISTED AS A U.S. STATE DEPARTMENT DESIGNATED SPECIAL INTEREST COUNTRY, UNLESS THE OPERATOR HOLDS VALID FEDERAL AVIATION ADMINISTRATION (FAA) PART 129 OPERATIONS SPECIFICATIONS, MUST OPERATE WITHIN THE TERRITORIAL AIRSPACE OF THE U.S. IN ACCORDANCE WITH THE SAME REQUIREMENTS AS CIVIL AIRCRAFT WITH A MAXIMUM CERTIFICATED TAKEOFF GROSS WEIGHT GREATER THAN 100,309 POUNDS (45,500 KGS), AS DESCRIBED IN PART I, PARAGRAPH C. C. CIVIL AIRCRAFT WITH A MAXIMUM CERTIFICATED TAKEOFF GROSS WEIGHT GREATER THAN 100,309 POUNDS (45,500 KGS) ARE AUTHORIZED TO OPERATE WITHIN THE TERRITORIAL AIRSPACE OF THE U.S. IF IN COMPLIANCE WITH ALL OF THE FOLLOWING CONDITIONS: 1) FILE AND ARE ON AN ACTIVE FLIGHT PLAN (IFR OR VFR); 2) ARE EQUIPPED WITH AN OPERATIONAL MODE C OR S TRANSPONDER, AND CONTINUOUSLY SQUAWK AN ATC ASSIGNED TRANSPONDER CODE; 3) MAINTAIN TWOWAY COMMUNICATIONS WITH ATC; 4) AIRCRAFT NOT REGISTERED IN THE U.S. MUST OPERATE UNDER AN APPROVED TRANSPORTATION SECURITY ADMINISTRATION (TSA) AVIATION SECURITY PROGRAM OR IN ACCORDANCE WITH AN FAA/TSA AIRSPACE WAIVER; 5) ARE IN RECEIPT OF AND ARE OPERATING IN ACCORDANCE WITH AN FAA ROUTING AUTHORIZATION AND AN

FAA/TSA AIRSPACE WAIVER IF THE AIRCRAFT IS REGISTERED IN A U.S. STATE DEPARTMENTDESIGNATED SPECIAL INTEREST COUNTRY OR IS OPERATING WITH THE ICAO THREE LETTER DESIGNATOR OF A COMPANY IN A COUNTRY LISTED AS A U.S. STATE DEPARTMENTDESIGNATED SPECIAL INTEREST COUNTRY, UNLESS THE OPERATOR HOLDS VALID FAA PART 129 OPERATIONS SPECIFICATIONS. FAA ROUTING AUTHORIZATION FOR OPERATIONS WITHIN U.S. TERRITORIAL AIRSPACE BY AIRCRAFT DESCRIBED IN THIS SUBPARAGRAPH C.5 WILL ONLY BE GRANTED FOR IFR OPERATIONS. VFR FLIGHT OPERATIONS ARE PROHIBITED WITHIN U.S. TERRITORIAL AIRSPACE FOR ANY AIRCRAFT REQUIRING AN FAA ROUTING AUTHORIZATION; AND 6) AIRCRAFT NOT REGISTERED IN THE U.S, WHEN CONDUCTING POSTMAINTENANCE, MANUFACTURER, PRODUCTION, OR ACCEPTANCE FLIGHT TEST OPERATIONS, MUST MEET ALL OF THE FOLLOWING REQUIREMENTS: A) A U.S. COMPANY MUST HAVE OPERATIONAL CONTROL OF THE AIRCRAFT; B) AN FAACERTIFICATED PILOT MUST SERVE AS PILOT IN COMMAND; C) ONLY CREWMEMBERS ARE PERMITTED ONBOARD THE AIRCRAFT; AND D) MAINTENANCE FLIGHT IS INCLUDED IN THE REMARKS SECTION OF THE FLIGHT PLAN. PART II. CIVIL AIRCRAFT OPERATIONS THAT TRANSIT U.S. TERRITORIAL AIRSPACE A. CIVIL AIRCRAFT, EXCEPT THOSE OPERATING IN ACCORDANCE WITH PARAGRAPHS B, C, D, OR E OF THIS PART II, ARE AUTHORIZED TO TRANSIT THE TERRITORIAL AIRSPACE OF THE U.S. IF IN COMPLIANCE WITH ALL OF THE FOLLOWING CONDITIONS: 1) FILE AND ARE ON AN ACTIVE FLIGHT PLAN (IFR OR DVFR); 2) ARE EQUIPPED WITH AN OPERATIONAL MODE C OR S TRANSPONDER AND CONTINUOUSLY SQUAWK AN ATC ASSIGNED TRANSPONDER CODE; 3) MAINTAIN TWOWAY COMMUNICATIONS WITH ATC; 4) ARE OPERATING UNDER AN APPROVED TSA AVIATION SECURITY PROGRAM OR ARE OPERATING WITH AND IN ACCORDANCE WITH AN FAA/TSA AIRSPACE WAIVER, IF: (A) THE AIRCRAFT IS NOT REGISTERED IN THE U.S.; OR (B) THE AIRCRAFT IS REGISTERED IN THE U.S. AND ITS MAXIMUM TAKEOFF GROSS WEIGHT IS GREATER THAN 100,309 POUNDS (45,500 KGS); 5) ARE IN RECEIPT OF AND ARE OPERATING IN ACCORDANCE WITH AN FAA ROUTING AUTHORIZATION IF THE AIRCRAFT IS REGISTERED IN A U.S. STATE DEPARTMENTDESIGNATED SPECIAL INTEREST COUNTRY OR IS OPERATING WITH THE ICAO THREE LETTER DESIGNATOR OF A COMPANY IN A COUNTRY LISTED AS A U.S. STATE DEPARTMENTDESIGNATED SPECIAL INTEREST COUNTRY, UNLESS THE OPERATOR HOLDS VALID FAA PART 129 OPERATIONS SPECIFICATIONS. FAA ROUTING AUTHORIZATION FOR TRANSIT OF U.S. TERRITORIAL AIRSPACE BY AIRCRAFT SUBJECT TO THIS PART II, SUBPARAGRAPH A.5 WILL ONLY BE GRANTED FOR IFR OPERATIONS. DVFR AND VFR FLIGHT OPERATIONS ARE PROHIBITED FOR ANY AIRCRAFT TRANSITING U.S. TERRITORIAL AIRSPACE REQUIRING AN FAA ROUTING AUTHORIZATION. B. CIVIL AIRCRAFT REGISTERED IN CANADA OR MEXICO, AND ENGAGED IN OPERATIONS FOR THE PURPOSES OF AIR AMBULANCE, FIRE FIGHTING, LAW ENFORCEMENT, SEARCH AND RESCUE, OR EMERGENCY EVACUATION ARE AUTHORIZED TO TRANSIT U.S. TERRITORIAL AIRSPACE WITHIN 50 NM OF THEIR RESPECTIVE BORDERS WITH THE U.S., WITH OR WITHOUT AN ACTIVE FLIGHT PLAN, PROVIDED THEY HAVE RECEIVED AND CONTINUOUSLY TRANSMIT AN ATCASSIGNED TRANSPONDER CODE. C. CIVIL AIRCRAFT REGISTERED IN CANADA, MEXICO, BAHAMAS, BERMUDA, CAYMAN ISLANDS , OR THE BRITISH VIRGIN ISLANDS WITH A MAXIMUM CERTIFICATED TAKEOFF GROSS WEIGHT OF 100,309 POUNDS (45,500 KGS) OR LESS ARE AUTHORIZED TO TRANSIT U.S. TERRITORIAL AIRSPACE IF IN COMPLIANCE WITH ALL OF THE FOLLOWING CONDITIONS: 1) FILE AND ARE ON AN

ACTIVE FLIGHT PLAN (IFR, VFR, OR DVFR) THAT ENTERS U.S. TERRITORIAL AIRSPACE DIRECTLY FROM ANY OF THE COUNTRIES LISTED IN PART II, PARAGRAPH C. FLIGHTS THAT INCLUDE A STOP IN A NONLISTED COUNTRY PRIOR TO ENTERING U.S. TERRITORIAL AIRSPACE MUST COMPLY WITH THE REQUIREMENTS PRESCRIBED BY PART II, PARAGRAPH A, INCLUDING OPERATING UNDER AN APPROVED TSA AVIATION SECURITY PROGRAM OR OPERATING WITH AND IN ACCORDANCE WITH AN FAA/TSA AIRSPACE WAIVER. 2) ARE EQUIPPED WITH AN OPERATIONAL MODE C OR S TRANSPONDER AND CONTINUOUSLY SQUAWK AN ATC ASSIGNED TRANSPONDER CODE; AND 3) MAINTAIN TWOWAY COMMUNICATIONS WITH ATC. D. CIVIL AIRCRAFT REGISTERED IN CANADA, MEXICO, BAHAMAS, BERMUDA, CAYMAN ISLANDS, OR THE BRITISH VIRGIN ISLANDS WITH A MAXIMUM CERTIFICATED TAKEOFF GROSS WEIGHT GREATER THAN 100,309 POUNDS (45,500 KGS) MUST COMPLY WITH THE REQUIREMENTS PRESCRIBED BY PART II, PARAGRAPH A, INCLUDING OPERATING UNDER AN APPROVED TSA AVIATION SECURITY PROGRAM OR OPERATING WITH AND IN ACCORDANCE WITH AN FAA/TSA AIRSPACE WAIVER. E. CIVIL AIRCRAFT REGISTERED IN THE U.S., CANADA, OR MEXICO WITH A MAXIMUM CERTIFICATED TAKEOFF GROSS WEIGHT OF 100,309 POUNDS (45,500 KGS) OR LESS THAT ARE OPERATING WITHOUT AN OPERATIONAL MODE C OR S TRANSPONDER AND/OR THE ABILITY TO MAINTAIN TWOWAY COMMUNICATIONS WITH ATC, ARE AUTHORIZED TO TRANSIT U.S. TERRITORIAL AIRSPACE OVER ALASKA IF IN COMPLIANCE WITH ALL OF THE FOLLOWING CONDITIONS: 1) ENTER AND EXIT U.S. TERRITORIAL AIRSPACE OVER ALASKA NORTH OF THE FIFTYFOURTH PARALLEL; 2) FILE AND ARE ON AN ACTIVE FLIGHT PLAN; AND 3) SQUAWK 1200 IF VFR AND EQUIPPED WITH A TRANSPONDER. PART III. FAA/TSA AIRSPACE WAIVER, TSA AVIATION SECURITY PROGRAM, AND FAA ROUTING AUTHORIZATION INFORMATION. A. FAA/TSA AIRSPACE WAIVERS 1) OPERATORS MAY SUBMIT REQUESTS FOR FAA/TSA AIRSPACE WAIVERS AT [HTTPS://WAIVERS.FAA.GOV](https://waivers.faa.gov) BY SELECTING INTERNATIONAL AS THE WAIVER TYPE. 2) INFORMATION REGARDING FAA/TSA AIRSPACE WAIVERS CAN BE FOUND AT: [HTTP://WWW.TSA.GOV/FORINDUSTRY/GENERALAVIATION](http://www.tsa.gov/forindustry/generalaviation) OR CAN BE OBTAINED BY CONTACTING TSA AT 5712272071. 3) ALL EXISTING FAA/TSA WAIVERS ISSUED UNDER PREVIOUS FDC NOTAMS REMAIN VALID UNTIL THE EXPIRATION DATE SPECIFIED IN THE WAIVER, UNLESS SOONER SUPERSEDED OR RESCINDED. B. TSA AVIATION SECURITY PROGRAMS 1) CONTACTS FOR INFORMATION REGARDING TSA AVIATION SECURITY PROGRAMS FOR APPLICANTS FOR U.S. AIR OPERATOR CERTIFICATES WILL BE PROVIDED BY THE U.S. DEPARTMENT OF TRANSPORTATION DURING THE CERTIFICATION PROCESS. 2) FOR INFORMATION ABOUT APPLICABLE TSA SECURITY PROGRAMS, U.S. AIR CARRIERS AND COMMERCIAL OPERATORS MUST CONTACT THEIR TSA PRINCIPAL SECURITY SPECIALIST (PSS), AND FOREIGN AIR CARRIERS MUST CONTACT THEIR INTERNATIONAL INDUSTRY REPRESENTATIVE (IIR). C. INFORMATION ABOUT FAA ROUTING AUTHORIZATIONS FOR U.S. STATE DEPARTMENTDESIGNATED SPECIAL INTEREST COUNTRY FLIGHT OPERATIONS IN U.S. TERRITORIAL AIRSPACE IS AVAILABLE BY COUNTRY AT: [HTTP://WWW.FAA.GOV/AIR_TRAFFIC/PUBLICATIONS/US_RESTRICTIONS/](http://www.faa.gov/air_traffic/publications/us_restrictions/) OR BY CONTACTING THE FAA SYSTEM OPERATIONS SUPPORT CENTER (SOSC) AT 2022678115. PART IV. SPECIAL EMPHASIS A. PILOTS ARE REMINDED THAT THERE ARE INCREASED SECURITY MEASURES IN PLACE AT MANY AREAS. IN ACCORDANCE WITH 14 CFR 91.103, PRIOR TO DEPARTURE, PILOTS MUST BECOME FAMILIAR WITH ALL AVAILABLE

INFORMATION CONCERNING THAT FLIGHT, INCLUDING ANY TEMPORARY FLIGHT RESTRICTIONS ALONG THEIR ROUTE OF FLIGHT OR AT THEIR POINT OF DEPARTURE/ARRIVAL. B. NONCOMPLIANCE WITH THESE SPECIAL SECURITY REQUIREMENTS MAY RESULT IN DENIAL OF FLIGHT ENTRY INTO U.S. TERRITORIAL AIRSPACE OR GROUND STOP OF THE FLIGHT AT A U.S. AIRPORT. C. PILOTS OF AIRCRAFT THAT DO NOT ADHERE TO THE PROCEDURES IN THE SPECIAL SECURITY REQUIREMENTS CONTAINED IN THIS NOTAM MAY BE INTERCEPTED, AND/OR DETAINED AND INTERVIEWED BY FEDERAL, STATE, OR LOCAL LAW ENFORCEMENT, OR OTHER GOVERNMENT PERSONNEL. PART V. DEFINITIONS A. AS USED IN THIS NOTAM, THE TERM U.S. TERRITORIAL AIRSPACE MEANS THE AIRSPACE OVER THE UNITED STATES, ITS TERRITORIES, AND POSSESSIONS, AND THE AIRSPACE OVER THE TERRITORIAL SEA OF THE UNITED STATES, WHICH EXTENDS 12 NAUTICAL MILES FROM THE BASELINES OF THE UNITED STATES DETERMINED IN ACCORDANCE WITH INTERNATIONAL LAW. B. WITHIN MEANS ANY FLIGHT DEPARTING FROM A LOCATION INSIDE OF THE U.S., ITS TERRITORIES, OR POSSESSIONS, WHICH OPERATES ENROUTE TO A LOCATION INSIDE THE U.S., ITS TERRITORIES, OR POSSESSIONS. C. TRANSIT MEANS ANY FLIGHT DEPARTING FROM A LOCATION OUTSIDE OF THE U.S., ITS TERRITORIES, OR POSSESSIONS, WHICH OPERATES IN U.S. TERRITORIAL AIRSPACE ENROUTE TO A LOCATION OUTSIDE THE U.S., ITS TERRITORIES OR POSSESSIONS WITHOUT LANDING AT A DESTINATION IN THE U.S., ITS TERRITORIES, OR POSSESSIONS. D. THE U.S. STATE DEPARTMENT DESIGNATED SPECIAL INTEREST COUNTRIES ARE CUBA, IRAN, THE DEMOCRATIC PEOPLES REPUBLIC OF KOREA (NORTH KOREA), THE PEOPLE'S REPUBLIC OF CHINA, THE RUSSIAN FEDERATION, SUDAN, AND SYRIA. 16 JAN 00:30 2016 UNTIL PERM. CREATED: 16 JAN 00:33 2016

!FDC 7/9160 KZID 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. 08 SEP 13:57 2017 UNTIL 20 APR 13:57 2018 ESTIMATED. CREATED: 08 SEP 13:57 2017

!FDC 7/8057 KZID IN..IL..WV..KY..OH..SPECIAL NOTICE..THE FAA HAS DETERMINED THE FUEL CONTAMINATION THAT HAS BEEN REFERENCED IN RECENT NOTICES WAS AN EVENT ISOLATED TO EPPLEY FIELD, OMAHA, NE (KOMA) BTN NOV 1621 AND INVOLVED AS MANY AS 56 MIL AND CIVILIAN ACFT. AN INVESTIGATION HAS RESULTED IN THE SPECIFIC IDENTIFICATION OF THE CAUSE AND THE SPECIFIC ACFT INVOLVED. THE FAA IS ALSO INQUIRING INTO ACFT FUELED DURING THE PERIOD NOV 2227. BASED ON PRESENT EVIDENCE, THE FAA BELIEVES THE CAUSE OF THE CONTAMINATION WAS A PROCEDURAL ERROR. THE FAA HAS DETERMINED THE FUEL CONTAMINATION EVENT AT KOMA HAS BEEN RESOLVED AND ANTICIPATE NO FURTHER SPECIAL NOTICES WILL BE ISSUED ON THE KOMA FUEL CONTAMINATION INCIDENT. 05 DEC 00:30 2017 UNTIL 30 DEC 19:00 2017. CREATED: 05 DEC 00:43 2017

!FDC 7/7905 KZID KY..ROUTE ZID. V53 IRVIN, KY TO LEXINGTON (HYK) VORTAC, KY MEA 4000. V53 IRVIN, KY MRA 6000. 23 AUG 12:54 2017 UNTIL 04 APR 12:54 2018 ESTIMATED. CREATED: 23 AUG 12:54 2017

!FDC 7/7898 KZID KY..ROUTE ZID. V517 LONDON (LOZ) VOR/DME, KY TO LOGIC, KY

MEA 6000. V517 LOGIC, KY MCA 6000 SOUTHBOUND. 23 AUG 12:52 2017 UNTIL 04 APR 12:52 2018 ESTIMATED. CREATED: 23 AUG 12:52 2017

!FDC 7/7268 KZID IN..ROUTE ZID ZAU. V97 SHELBYVILLE (SHB) VORTAC, IN TO OCKEL, IN MEA 5000. 22 AUG 15:41 2017 UNTIL 03 APR 15:41 2018 ESTIMATED. CREATED: 22 AUG 15:41 2017

!FDC 7/7264 KZID IN..ROUTE ZID ZAU. V51 SHELBYVILLE (SHB) VORTAC, IN TO OCKEL, IN MEA 5000. 22 AUG 15:37 2017 UNTIL 03 APR 15:37 2018 ESTIMATED. CREATED: 22 AUG 15:37 2017

!FDC 7/7165 KZID KY..ROUTE ZID. V310 DARBY, KY MRA 5000. 04 OCT 17:36 2017 UNTIL 16 MAY 17:36 2018 ESTIMATED. CREATED: 04 OCT 17:37 2017

!FDC 7/6933 KZID IN..ROUTE ZID ZAU. V51, V97 ZIPPY INT, IN TO COP MRA 5000. SHB VORTAC UNUSABLE. 22 AUG 12:50 2017 UNTIL 03 APR 12:50 2018 ESTIMATED. CREATED: 22 AUG 12:50 2017

!FDC 7/6864 KZID OH..AIRSPACE LATHAM, OH..AIRBORNE TO GND LASER ACT WILL BE CONDUCTED WI AN AREA DEFINED AS 40NM RADIUS OF 390540.17N0831440.15W (BUCKEYE MOA) FL200FL300. AVOID AIRBORNE HAZARD BY 5NM Laterally AND 1000FT VERTICALLY. THIS BEAM IS INJURIOUS TO PILOTS'/AIRCROWS' AND PASSENGERS' EYES. INDIANAPOLIS /ZID/ ARTCC, TELEPHONE 3172472242, IS THE FAA COORDINATION FACILITY. DLY 13002000. 26 JUL 13:00 2017 UNTIL 26 JUL 20:00 2018. CREATED: 25 JUL 18:54 2017

!FDC 7/6557 KZID ROUTE ZID ZME. J6 SOPIE, TN TO BOWLING GREEN (BWG) VORTAC, KY NA. J6 BOWLING GREEN (BWG) VORTAC, KY TO CHARLESTON (HVQ) VORTAC, WV NA. BWG VOR UNUSABLE BEYOND 10 NM ALL ALTITUDES. 05 SEP 18:39 2017 UNTIL 17 APR 18:39 2018 ESTIMATED. CREATED: 05 SEP 18:39 2017

!FDC 7/5707 KZID KY..ROUTE ZID. V178 RENRO, KY MRA 11000. 19 AUG 10:33 2017 UNTIL 31 MAR 10:33 2018 ESTIMATED. CREATED: 19 AUG 10:33 2017

!FDC 7/5546 KZID ROUTE ZID. V115 HAZARD (AZQ) VOR/DME, KY TO CHARLESTON (HVQ) VORTAC, WV MEA 6000. 14 DEC 13:26 2017 UNTIL 26 JUL 13:26 2018 ESTIMATED. CREATED: 14 DEC 13:26 2017

!FDC 7/5202 KZID KY..ROUTE ZID. V512 SACKO, IN TO LOUISVILLE (IIU) VORTAC, KY MEA 10000. 16 OCT 14:04 2017 UNTIL 28 MAY 14:04 2018 ESTIMATED. CREATED: 16 OCT 14:05 2017

!FDC 7/5200 KZID KY..ROUTE ZID. V4 LOUISVILLE (IIU) VORTAC, KY R264 TO COP MEA 10000. 16 OCT 14:04 2017 UNTIL 28 MAY 14:04 2018 ESTIMATED. CREATED: 16 OCT 14:05 2017

!FDC 7/5196 KZID 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. 16 OCT 14:02 2017 UNTIL 28 MAY 14:02 2018 ESTIMATED. CREATED: 16 OCT 14:02 2017

!FDC 7/5195 KZID 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. 16 OCT 14:01 2017 UNTIL 28 MAY 14:01 2018 ESTIMATED. CREATED: 16 OCT 14:01 2017

!FDC 7/5193 KZID 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. 16 OCT 14:00 2017 UNTIL 28 MAY 14:00 2018 ESTIMATED. CREATED: 16 OCT 14:00 2017

!FDC 7/3549 KZID IN..AIRSPACE UNION CITY, IN..LASER LGT DEMONSTRATION WI AN AREA DEFINED AS COMMUNITY CHRISTMAS HUNTER PARK, UNION CITY, IN OR 401200N844940W OR THE MUNCIE/MIE/VOR DME 094 DEG RADIAL AT 26NM SFC1524FT AGL. LASER LGT BEAMS WILL BE TERMINATED IF NONPARTICIPATING ACFT ARE DETECTED ENTERING THE AFFECTED AREA. LASER LGT BEAMS MAY BE INJUROUS TO PILOTS /PASSENGERS EYES WI 1524FT VERTICALLY AND 1577FT Laterally OF THE LGT SOURCE. FLASH BLINDNESS OR COCKPIT ILLUMINATION MAY OCCUR BEYOND THESE DISTANCES. INDIANAPOLIS /ZID/ ARTCC TELEPHONE 3172472242 IS THE FAA CDN FACILITY DLY 23000200. 30 NOV 23:00 2017 UNTIL 01 JAN 02:00 2018. CREATED: 28 NOV 19:03 2017

!FDC 7/2525 KZID IN..ROUTE ZID. V512 SACKO, IN MCA 3500 SOUTHWESTBOUND. 27 NOV 19:51 2017 UNTIL 09 JUL 19:51 2018 ESTIMATED. CREATED: 27 NOV 19:51 2017

!FDC 7/2385 KZID OH..AIRSPACE YELLOW SPRINGS, OH..LASER LGT RESEARCH WI AN AREA DEFINED AS 394737N0835128W OR THE SPRINGFIELD/SGH/VORTAC 193 DEGREE RADIAL 3 NM SFC185FT AGL. LASER LGT BEAMS WILL BE TERMINATED IF NONPARTICIPATING AIRCRAFT ARE DETECTED ENTERING THE AFFECTED AREA. LASER LGT BEAMS MAY BE INJUROUS TO PILOTS/PASSENGERS EYES WI 185FT VERTICALLY AND 320FT Laterally OF THE LGT SOURCE. FLASH BLINDNESS OR COCKPIT ILLUMINATION MAY OCCUR BEYOND THESE DISTANCES. INDIANAPOLIS /ZID/ ARTCC TELEPHONE 3172472242 IS THE FAA COORDINATION FACILIY. DLY 21151200. 31 MAR 21:15 2017 UNTIL 30 APR 12:00 2018. CREATED: 29 MAR 17:07 2017

!FDC 7/2157 KZID WV..ROUTE ZID. V133 PINEE, WV MCA 13000 SOUTHBOUND. 12 SEP 19:44 2017 UNTIL 24 APR 19:44 2018 ESTIMATED. CREATED: 12 SEP 19:44 2017

!FDC 7/1652 KZID WV..ROUTE ZID. V59 SOFTY, WV TO BECKLEY (BKW) VORTAC, WV NA ; BKW VOR R161 UNUSABLE. 07 NOV 14:12 2017 UNTIL 19 JUN 14:12 2018 ESTIMATED. CREATED: 07 NOV 14:12 2017

!FDC 7/1648 KZID WV..ROUTE ZID ZDC. V258 BECKLEY (BKW) VORTAC, WV TO ZOOMS, WV NA ; BKW VOR R131 UNUSABLE. 07 NOV 14:09 2017 UNTIL 19 JUN 14:09 2018 ESTIMATED. CREATED: 07 NOV 14:09 2017

!FDC 7/1595 KZID WV..ROUTE ZID. V519 BLUEFIELD (BLF) VORTAC, WV TO BECKLEY (BKW) VORTAC, WV BKW VOR R193 UNUSABLE; USE BLF R010. 07 NOV 13:21 2017 UNTIL 19 JUN 13:21 2018 ESTIMATED. CREATED: 07 NOV 13:22 2017

!FDC 7/0866 KZID ROUTE ZID. V140 BLUEFIELD (BLF) VORTAC, WV MCA 7000 EASTBOUND. 23 OCT 19:03 2017 UNTIL 04 JUN 19:03 2018 ESTIMATED. CREATED: 23 OCT 19:03 2017

!FDC 7/0860 KZID ROUTE ZID ZDC. V140 BLUEFIELD (BLF) VORTAC, WV TO SOFTY, WV MEA 7000. V140 SOFTY, WV TO CASTE, VA NA. V140 CASTE, VA TO MONTEBELLO (MOL) VOR/DME, VA MEA 6000. 23 OCT 19:03 2017 UNTIL 04 JUN 19:03 2018 ESTIMATED. CREATED: 23 OCT 19:03 2017

!FDC 7/9514 KZOB OH..ROUTE ZOB. V96 ANNTS, OH MCA 16000 SOUTHWESTBOUND. 20 OCT 12:54 2017 UNTIL 01 JUN 12:54 2018 ESTIMATED. CREATED: 20 OCT 12:54 2017

!FDC 7/9297 KZOB OH..ROUTE ZOB. V542 YOUNGSTOWN (YNG) VORTAC, OH TO HAGAR, PA MEA 5000. 12 JUL 13:20 2017 UNTIL 21 FEB 13:20 2018 ESTIMATED. CREATED: 12 JUL 13:20 2017

!FDC 7/9185 KZOB WV..ROUTE ZOB ZDC ZTL. Q103 RICCS, WV TO PULASKI (PSK) VORTAC, VA SINGLE DIRECTION OPERATIONS, SOUTHBOUND ONLY. 21 SEP 17:31 2017 UNTIL 03 MAY 17:31 2018 ESTIMATED. CREATED: 21 SEP 17:31 2017

!FDC 7/8252 KZOB MD..ROUTE ZOB ZDC. V438 GRANTSVILLE (GRV) VOR/DME, MD TO FLINT, MD MEA 5500. 15 NOV 14:49 2017 UNTIL 27 JUN 14:49 2018 ESTIMATED. CREATED: 15 NOV 14:49 2017

!FDC 7/8142 KZOB IN..ROUTE ZOB ZAU. V126, V92 BAGEL, IN TO EDGE, OH MEA 5000. GSH VORTAC UNUSABLE. 15 NOV 13:27 2017 UNTIL 27 JUN 13:27 2018 ESTIMATED. CREATED: 15 NOV 13:28 2017

!FDC 7/8075 KZOB NY..PA..OH..MI..SPECIAL NOTICE.. THE FAA HAS DETERMINED THE FUEL CONTAMINATION THAT HAS BEEN REFERENCED IN RECENT NOTICES WAS AN EVENT ISOLATED TO EPPLEY FIELD, OMAHA, NE (KOMA) BETWEEN NOV 16 AND 21 AND INVOLVED AS MANY AS 56 MILITARY AND CIVILIAN AIRCRAFT. AN INVESTIGATION HAS RESULTED IN THE SPECIFIC IDENTIFICATION OF THE CAUSE AND THE SPECIFIC AIRCRAFT INVOLVED. THE FAA IS ALSO INQUIRING INTO AIRCRAFT FUELED DURING THE PERIOD NOV. 2227. BASED ON PRESENT EVIDENCE, THE FAA BELIEVES THE CAUSE OF THE CONTAMINATION WAS A PROCEDURAL ERROR. THE FAA HAS DETERMINED

THE FUEL CONTAMINATION EVENT AT KOMA HAS BEEN RESOLVED AND ANTICIPATE NO FURTHER SPECIAL NOTICES WILL BE ISSUED ON THE KOMA FUEL CONTAMINATION INCIDENT. 05 DEC 00:30 2017 UNTIL 30 DEC 19:00 2017. CREATED: 05 DEC 00:48 2017

!FDC 7/7983 KZOB MD..ROUTE ZOB ZDC. V8 GRANTSVILLE (GRV) VOR/DME, MD TO MARTINSBURG (MRB) VORTAC, WV MEA 5500. 23 AUG 13:09 2017 UNTIL 04 APR 13:09 2018 ESTIMATED. CREATED: 23 AUG 13:09 2017

!FDC 7/7980 KZOB MD..ROUTE ZOB ZDC. V214 GRANTSVILLE (GRV) VOR/DME, MD TO MARTINSBURG (MRB) VORTAC, WV MEA 5500. 23 AUG 13:07 2017 UNTIL 04 APR 13:07 2018 ESTIMATED. CREATED: 23 AUG 13:07 2017

!FDC 7/7765 KZOB PA..ROUTE ZOB. V184 ERIE (ERI) VORTAC, PA TO TIDIOUTE (TDT) VORTAC, PA MEA 4000. 20 SEP 14:56 2017 UNTIL 02 MAY 14:56 2018 ESTIMATED. CREATED: 20 SEP 14:56 2017

!FDC 7/7743 KZOB NY..ROUTE ZOB ZNY. V270 WOMAN, NY TO ELMIRA (ULW) VOR/DME, NY MEA 10000. 20 SEP 14:20 2017 UNTIL 02 MAY 14:20 2018 ESTIMATED. CREATED: 20 SEP 14:20 2017

!FDC 7/6621 KZOB PA..ROUTE ZOB ZNY. V542 CAFKI, PA TO ELMIRA (ULW) VOR/DME, NY MEA 10000. 19 SEP 15:14 2017 UNTIL 01 MAY 15:14 2018 ESTIMATED. CREATED: 19 SEP 15:14 2017

!FDC 7/6231 KZOB OH..ROUTE ZOB. J518 DRYER (DJB) VOR/DME, OH TO INDIAN HEAD (IHD) VORTAC, PA COP AT IHD R310 39NM. 21 AUG 14:24 2017 UNTIL 02 APR 14:24 2018 ESTIMATED. CREATED: 21 AUG 14:24 2017

!FDC 7/6116 KZOB NY..ROUTE ZOB. V164 BENEE, NY MCA 11000 NORTHBOUND. 17 OCT 15:30 2017 UNTIL 29 MAY 15:30 2018 ESTIMATED. CREATED: 17 OCT 15:30 2017

!FDC 7/3692 KZOB WV..ROUTE ZOB. V144 MORGANTOWN (MGW) VORTAC, WV MCA 4600 SOUTHEASTBOUND. 12 OCT 20:11 2017 UNTIL 24 MAY 20:11 2018 ESTIMATED. CREATED: 12 OCT 20:12 2017

!FDC 7/3423 KZOB NY..ROUTE ZOB. V501 WELLSVILLE (ELZ) VORTAC, NY TO BEEPS, NY MEA 5000 MOCA 4300. 28 NOV 18:10 2017 UNTIL 10 JUL 18:10 2018 ESTIMATED. CREATED: 28 NOV 18:10 2017

!FDC 7/2166 KZOB OH..ROUTE ZOB. V98 WOCKY, OH MCA 10000 NORTHBOUND. 08 DEC 16:27 2017 UNTIL 20 JUL 16:27 2018 ESTIMATED. CREATED: 08 DEC 16:27 2017

!FDC 7/1890 KZOB MI..ROUTE ZOB ZAU. V450 MUSKEGON (MKG) VORTAC, MI R095 TO CFCCV, MI NA. 07 NOV 15:22 2017 UNTIL 19 JUN 15:22 2018 ESTIMATED. CREATED: 07 NOV 15:22 2017

!FDC 7/1687 KZOB PA..ROUTE ZOB. V12 ALLEGHENY (AGC) VOR/DME, PA TO JOHNSTOWN (JST) VORTAC, PA MEA 10000. 15 AUG 15:38 2017 UNTIL 27 MAR 15:38 2018 ESTIMATED. CREATED: 15 AUG 15:39 2017

!FDC 7/1686 KZOB PA..ROUTE ZOB. V12 ALLEGHENY (AGC) VOR/DME, PA MCA 10000 EASTBOUND. 15 AUG 15:38 2017 UNTIL 27 MAR 15:38 2018 ESTIMATED. CREATED: 15 AUG 15:38 2017

!FDC 7/0253 KZOB PA..ROUTE ZOB. V469 JOHNSTOWN (JST) VORTAC, PA MCA 10000 WESTBOUND. 23 OCT 12:45 2017 UNTIL 04 JUN 12:45 2018 ESTIMATED. CREATED: 23 OCT 12:45 2017

!FDC 7/0250 KZOB PA..ROUTE ZOB. V469 NESTO, PA TO JOHNSTOWN (JST) VORTAC, PA MEA 10000. 23 OCT 12:43 2017 UNTIL 04 JUN 12:43 2018 ESTIMATED. CREATED: 23 OCT 12:43 2017

!FDC 7/0243 KZOB PA..ROUTE ZOB. V12 MILWO, PA TO JOHNSTOWN (JST) VORTAC, PA MEA 10000. 23 OCT 12:39 2017 UNTIL 04 JUN 12:39 2018 ESTIMATED. CREATED: 23 OCT 12:39 2017

!FDC 7/0121 KZOB IN..ROUTE ZOB ZAU. V8 TWERP INT, OH TO GAREN INT, IN MOCA 2400. 06 DEC 20:07 2017 UNTIL 18 JUL 20:07 2018 ESTIMATED. CREATED: 06 DEC 20:07 2017

!FDC 7/9768 KZNY MD..ROUTE ZNY. V378 BELAY, MD MCA 9500 NORTHEASTBOUND. 20 OCT 17:01 2017 UNTIL 01 JUN 17:01 2018 ESTIMATED. CREATED: 20 OCT 17:01 2017

!FDC 7/8714 KZNY MD..ROUTE ZNY ZDC. V143 HYPER, MD TO LANCASTER (LRP) VOR/DME, PA MEA 9000. 19 OCT 19:06 2017 UNTIL 31 MAY 19:06 2018 ESTIMATED. CREATED: 19 OCT 19:06 2017

!FDC 7/8711 KZNY MD..ROUTE ZNY ZDC. V39 HYPER, MD TO LANCASTER (LRP) VOR/DME, PA MEA 9000. 19 OCT 19:06 2017 UNTIL 31 MAY 19:06 2018 ESTIMATED. CREATED: 19 OCT 19:06 2017

!FDC 7/8071 KZNY NY..NJ..PA..SPECIAL NOTICE.. THE FAA HAS DETERMINED THE FUEL CONTAMINATION THAT HAS BEEN REFERENCED IN RECENT NOTICES WAS AN EVENT ISOLATED TO EPPLEY FIELD, OMAHA, NE (KOMA) BETWEEN NOV 16 AND 21 AND INVOLVED AS MANY AS 56 MILITARY AND CIVILIAN AIRCRAFT. AN INVESTIGATION HAS RESULTED IN THE SPECIFIC IDENTIFICATION OF THE CAUSE AND THE SPECIFIC AIRCRAFT INVOLVED. THE FAA IS ALSO INQUIRING INTO AIRCRAFT FUELED DURING THE PERIOD NOV. 2227. BASED ON PRESENT EVIDENCE, THE FAA BELIEVES THE CAUSE OF THE CONTAMINATION WAS A PROCEDURAL ERROR. THE FAA HAS DETERMINED THE FUEL CONTAMINATION EVENT AT KOMA HAS BEEN RESOLVED AND ANTICIPATE NO

FURTHER SPECIAL NOTICES WILL BE ISSUED ON THE KOMA FUEL CONTAMINATION INCIDENT. 05 DEC 00:30 2017 UNTIL 30 DEC 19:00 2017. CREATED: 05 DEC 00:47 2017

!FDC 7/8068 KZNY ROUTE ZNY. V3, V419 HARRS, PA MRA 5000. 20 SEP 17:58 2017 UNTIL 02 MAY 17:58 2018 ESTIMATED. CREATED: 20 SEP 17:59 2017

!FDC 7/8063 KZNY ROUTE ZNY. V3, V419 BIGGY, NJ MRA 5000. 20 SEP 17:41 2017 UNTIL 02 MAY 17:41 2018 ESTIMATED. CREATED: 20 SEP 17:41 2017

!FDC 7/8054 KZNY ROUTE ZNY. V30, V405 LANNA, NJ MRA 5000. 20 SEP 17:39 2017 UNTIL 02 MAY 17:39 2018 ESTIMATED. CREATED: 20 SEP 17:39 2017

!FDC 7/8037 KZNY PA..ROUTE ZNY ZDC. V147 YARDLEY (ARD) VOR/DME, PA TO EAST TEXAS (ETX) VOR/DME, PA MEA 5000. ARD VOR/DME R300 TO R353 UNUSABLE BELOW 5000. 20 SEP 17:34 2017 UNTIL 02 MAY 17:34 2018 ESTIMATED. CREATED: 20 SEP 17:35 2017

!FDC 7/7741 KZNY NY..ROUTE ZNY ZOB. V270 WOMAN, NY TO ELMIRA (ULW) VOR/DME, NY MEA 10000. 20 SEP 14:18 2017 UNTIL 02 MAY 14:18 2018 ESTIMATED. CREATED: 20 SEP 14:18 2017

!FDC 7/7715 KZNY NY..ROUTE ZNY. V35 ELMIRA (ULW) VOR/DME, NY TO STONYFORK (SFK) VOR/DME, PA ULW R229 UNUSABLE BLO 10000. USE SFK R044. 20 SEP 14:09 2017 UNTIL 02 MAY 14:09 2018 ESTIMATED. CREATED: 20 SEP 14:10 2017

!FDC 7/7713 KZNY PA..ROUTE ZNY. V12, V162 HARRISBURG (HAR) VORTAC, PA TO BOBSS, PA NA. V12 HARRISBURG (HAR) VORTAC, PA TO KUPPS, PA NA . HAR VOR R097 R107 UNUSABLE BYD 10NM. 20 SEP 14:08 2017 UNTIL 02 MAY 14:07 2018 ESTIMATED. CREATED: 20 SEP 14:08 2017

!FDC 7/7663 KZNY NY..ROUTE ZNY. V35 ELMIRA (ULW) VOR/DME, NY TO COP ULW R041 MEA 10000. 20 SEP 12:41 2017 UNTIL 02 MAY 12:41 2018 ESTIMATED. CREATED: 20 SEP 12:41 2017

!FDC 7/7661 KZNY NY..ROUTE ZNY. V270 ELMIRA (ULW) VOR/DME, NY TO BINGHAMTON (CFB) VORTAC, NY ULW R096 UNUSABLE BLO 10000. USE CFB R275. 20 SEP 12:35 2017 UNTIL 02 MAY 12:35 2018 ESTIMATED. CREATED: 20 SEP 12:35 2017

!FDC 7/7657 KZNY NY..ROUTE ZNY. V147 ELMIRA (ULW) VOR/DME, NY TO COP ULW R141 MEA 10000. 20 SEP 12:33 2017 UNTIL 02 MAY 12:33 2018 ESTIMATED. CREATED: 20 SEP 12:33 2017

!FDC 7/7175 KZNY PA..ROUTE ZNY. V457 VINNY, PA TO LANCASTER (LRP) VOR/DME, PA MEA 9000. 04 OCT 17:44 2017 UNTIL 16 MAY 17:44 2018 ESTIMATED. CREATED: 04 OCT 17:45 2017

!FDC 7/7172 KZNY PA..ROUTE ZNY. V93 VINNY, PA TO LANCASTER (LRP) VOR/DME, PA MEA 9000. 04 OCT 17:39 2017 UNTIL 16 MAY 17:39 2018 ESTIMATED. CREATED: 04 OCT 17:39 2017

!FDC 7/7159 KZNY NY..ROUTE ZNY. V374 GAYEL, NY MCA 10000 NORTHWESTBOUND. 04 OCT 17:30 2017 UNTIL 16 MAY 17:30 2018 ESTIMATED. CREATED: 04 OCT 17:30 2017

!FDC 7/6626 KZNY PA..ROUTE ZNY ZOB. V542 CAFKI, PA TO ELMIRA (ULW) VOR/DME, NY MEA 10000. 19 SEP 15:18 2017 UNTIL 01 MAY 15:18 2018 ESTIMATED. CREATED: 19 SEP 15:18 2017

!FDC 7/6044 KZNY PA..ROUTE ZNY. V474 DELRO, PA TO MODENA (MXE) VORTAC, PA MOCA NA. 15 DEC 13:45 2017 UNTIL 27 JUL 13:45 2018 ESTIMATED. CREATED: 15 DEC 13:45 2017

!FDC 7/6041 KZNY PA..ROUTE ZNY. V184 MODENA (MXE) VORTAC, PA MCA 10000 WESTBOUND. DELRO, PA MCA 10000 EASTBOUND. 15 DEC 13:39 2017 UNTIL 27 JUL 13:39 2018 ESTIMATED. CREATED: 15 DEC 13:39 2017

!FDC 7/6037 KZNY PA..ROUTE ZNY. V474 MODENA (MXE) VORTAC, PA MCA 10000 WESTBOUND. DELRO, PA MCA 10000 EASTBOUND. 15 DEC 13:36 2017 UNTIL 27 JUL 13:36 2018 ESTIMATED. CREATED: 15 DEC 13:36 2017

!FDC 7/6035 KZNY PA..ROUTE ZNY. V184 DELRO, PA TO MODENA (MXE) VORTAC, PA MOCA NA. 15 DEC 13:31 2017 UNTIL 27 JUL 13:31 2018 ESTIMATED. CREATED: 15 DEC 13:32 2017

!FDC 7/5862 KZNY NY..ROUTE ZNY. V31 ELMIRA (ULW) VOR/DME, NY TO COP ULW R178 UNUSABLE BLO 10000. 03 OCT 13:21 2017 UNTIL 15 MAY 13:21 2018 ESTIMATED. CREATED: 03 OCT 13:21 2017

!FDC 7/5856 KZNY NY..ROUTE ZNY ZOB. V36 BURST, NY TO ELMIRA (ULW) VOR/DME, NY MEA 10000. 03 OCT 13:16 2017 UNTIL 15 MAY 13:16 2018 ESTIMATED. CREATED: 03 OCT 13:17 2017

!FDC 7/5847 KZNY NY..ROUTE ZNY ZOB. V147 ROCHESTER (ROC) VOR/DME, NY TO COP ULW R337 MEA 10000. 03 OCT 13:09 2017 UNTIL 15 MAY 13:09 2018 ESTIMATED. CREATED: 03 OCT 13:09 2017

!FDC 7/5842 KZNY NY..ROUTE ZNY ZOB. V31 ELMIRA (ULW) VOR/DME, NY TO BEEPS, NY MEA 10000. 03 OCT 12:32 2017 UNTIL 15 MAY 12:32 2018 ESTIMATED. CREATED: 03 OCT 12:32 2017

!FDC 7/2842 KZNY VA..ROUTE ZNY ZDC. J227 ARMEL (AML) VOR/DME, VA R009

UNUSEABLE BEYOND 74NM. 16 AUG 19:40 2017 UNTIL 28 MAR 19:40 2018 ESTIMATED.
CREATED: 16 AUG 19:40 2017

!FDC 7/2835 KZNY VA..ROUTE ZNY ZDC. J220 ARMEL (AML) VOR/DME, VA R009
UNUSEABLE BEYOND 74NM. 16 AUG 19:38 2017 UNTIL 28 MAR 19:38 2018 ESTIMATED.
CREATED: 16 AUG 19:38 2017

!FDC 7/1888 KZNY NJ..ROUTE ZNY. V273 FALLZ, NJ TO HUGUENOT (HUO) VOR/DME,
NY MEA 3300. 26 SEP 14:29 2017 UNTIL 08 MAY 14:29 2018 ESTIMATED. CREATED:
26 SEP 14:30 2017

!FDC 7/1116 KZNY PA..ROUTE ZNY. V499 MARRC, PA TO MEGSS, PA MEA 8000. 20
NOV 13:55 2017 UNTIL 02 JUL 13:55 2018 ESTIMATED. CREATED: 20 NOV 13:55
2017

!FDC 7/1112 KZNY PA..ROUTE ZNY. V499 CHLSE, PA TO MARRC, PA MEA 6000. 20
NOV 13:53 2017 UNTIL 02 JUL 13:53 2018 ESTIMATED. CREATED: 20 NOV 13:53
2017

!FDC 6/1481 KZNY NY..AIRSPACE HARLEM, NY..LASER RESEARCH WI AN AREA DEFINED
AS 404917N0735653W OR THE LAGURDIA /LGA/ VORTAC 316 DEGREE RADIAL AT 4NM
SFCFL360 AT AN ANGLE OF 90 DEGREES FROM THE SFC, PROJECTING UP TO FL360
AVOID AIRBORNE HAZARD BY 5NM. THIS BEAM IS INJURIOUS TO PILOTS'/AIRCROWS'
AND PASSENGERS EYES. LA GUARDIA /LGA/ ATCT, TELEPHONE 7817797901 IS THE
FAA COORDINATION FACILITY. 04 MAR 23:00 2016 UNTIL 31 DEC 23:00 2018.
CREATED: 03 MAR 18:13 2016

!FDC 7/9174 KZDC WV..ROUTE ZDC ZOB ZTL. Q103 RICCS, WV TO PULASKI (PSK)
VORTAC, VA SINGLE DIRECTION OPERATIONS, SOUTHBOUND ONLY. 21 SEP 17:27 2017
UNTIL 03 MAY 17:27 2018 ESTIMATED. CREATED: 21 SEP 17:27 2017

!FDC 7/8712 KZDC MD..ROUTE ZDC ZNY. V143 HYPER, MD TO LANCASTER (LRP)
VOR/DME, PA MEA 9000. 19 OCT 19:06 2017 UNTIL 31 MAY 19:06 2018 ESTIMATED.
CREATED: 19 OCT 19:06 2017

!FDC 7/8710 KZDC MD..ROUTE ZDC ZNY. V39 HYPER, MD TO LANCASTER (LRP)
VOR/DME, PA MEA 9000. 19 OCT 19:06 2017 UNTIL 31 MAY 19:06 2018 ESTIMATED.
CREATED: 19 OCT 19:06 2017

!FDC 7/8254 KZDC MD..ROUTE ZDC ZOB. V438 GRANTSVILLE (GRV) VOR/DME, MD TO
FLINT, MD MEA 5500. 15 NOV 14:52 2017 UNTIL 27 JUN 14:52 2018 ESTIMATED.
CREATED: 15 NOV 14:52 2017

!FDC 7/8031 KZDC PA..ROUTE ZDC ZNY. V147 YARDLEY (ARD) VOR/DME, PA TO EAST
TEXAS (ETX) VOR/DME, PA MEA 5000. ARD VOR/DME R300 TO R353 UNUSABLE BELOW
5000. 20 SEP 17:32 2017 UNTIL 02 MAY 17:32 2018 ESTIMATED. CREATED: 20 SEP

17:32 2017

!FDC 7/8022 KZDC WV..MD..DE..NJ..NC..VA..PA..SPECIAL NOTICE.. THE FAA HAS DETERMINED THE FUEL CONTAMINATION THAT HAS BEEN REFERENCED IN RECENT NOTICES WAS AN EVENT ISOLATED TO EPPLEY FIELD, OMAHA, NE (KOMA) BETWEEN NOV 16 AND 21 AND INVOLVED AS MANY AS 56 MILITARY AND CIVILIAN AIRCRAFT. AN INVESTIGATION HAS RESULTED IN THE SPECIFIC IDENTIFICATION OF THE CAUSE AND THE SPECIFIC AIRCRAFT INVOLVED. THE FAA IS ALSO INQUIRING INTO AIRCRAFT FUELED DURING THE PERIOD NOV. 2227. BASED ON PRESENT EVIDENCE, THE FAA BELIEVES THE CAUSE OF THE CONTAMINATION WAS A PROCEDURAL ERROR. THE FAA HAS DETERMINED THE FUEL CONTAMINATION EVENT AT KOMA HAS BEEN RESOLVED AND ANTICIPATE NO FURTHER SPECIAL NOTICES WILL BE ISSUED ON THE KOMA FUEL CONTAMINATION INCIDENT. 05 DEC 00:30 2017 UNTIL 30 DEC 19:00 2017. CREATED: 05 DEC 00:35 2017

!FDC 7/7988 KZDC MD..ROUTE ZDC ZOB. V8 GRANTSVILLE (GRV) VOR/DME, MD TO MARTINSBURG (MRB) VORTAC, WV MEA 5500. 23 AUG 13:11 2017 UNTIL 04 APR 13:11 2018 ESTIMATED. CREATED: 23 AUG 13:11 2017

!FDC 7/7984 KZDC SC..ROUTE ZDC ZIX. V213, V70 GRAND STRAND (CRE) VORTAC, SC TO WILMINGTON (ILM) VORTAC, NC NA. 20 SEP 17:05 2017 UNTIL 02 MAY 17:05 2018 ESTIMATED. CREATED: 20 SEP 17:05 2017

!FDC 7/7978 KZDC MD..ROUTE ZDC ZOB. V214 GRANTSVILLE (GRV) VOR/DME, MD TO MARTINSBURG (MRB) VORTAC, WV MEA 5500. 23 AUG 13:05 2017 UNTIL 04 APR 13:05 2018 ESTIMATED. CREATED: 23 AUG 13:05 2017

!FDC 7/7971 KZDC SC..ROUTE ZDC ZIX. V1 INLET, SC TO WALLO, NC NA. 20 SEP 17:02 2017 UNTIL 02 MAY 17:02 2018 ESTIMATED. CREATED: 20 SEP 17:02 2017

!FDC 7/7161 KZDC NJ..ROUTE ZDC. V479 WILJR, NJ TO MENGE, NJ MEA 4000. 04 OCT 17:33 2017 UNTIL 16 MAY 17:33 2018 ESTIMATED. CREATED: 04 OCT 17:33 2017

!FDC 7/6993 KZDC VA..ROUTE ZDC. V376 GRUBY, VA TO IRONS, MD MEA 3000. 04 OCT 13:42 2017 UNTIL 16 MAY 13:42 2018 ESTIMATED. CREATED: 04 OCT 13:43 2017

!FDC 7/6015 KZDC NC..ROUTE ZDC. V1 WALLO, NC TO ZAGGY, NC NA. 08 AUG 13:24 2017 UNTIL 20 MAR 13:24 2018 ESTIMATED. CREATED: 08 AUG 13:24 2017

!FDC 7/6014 KZDC NC..ROUTE ZDC. V45 NEW BERN (EWN) VOR/DME, NC TO BRADE, NC NA. 08 AUG 13:23 2017 UNTIL 20 MAR 13:23 2018 ESTIMATED. CREATED: 08 AUG 13:23 2017

!FDC 7/6013 KZDC NC..ROUTE ZDC. V54 FAYETTEVILLE (FAY) VOR/DME, NC TO

KINSTON (ISO) VORTAC, NC NA. 08 AUG 13:22 2017 UNTIL 20 MAR 13:22 2018
ESTIMATED. CREATED: 08 AUG 13:22 2017

!FDC 7/5973 KZDC NC..ROUTE ZDC. V70 BEULA, NC TO PEARS, NC NA. 08 AUG 13:01
2017 UNTIL 20 MAR 13:01 2018 ESTIMATED. CREATED: 08 AUG 13:01 2017

!FDC 7/5967 KZDC NC..ROUTE ZDC. V157 FAYETTEVILLE (FAY) VOR/DME, NC TO TAR
RIVER (TYI) VORTAC, NC NA. 08 AUG 12:59 2017 UNTIL 20 MAR 12:59 2018
ESTIMATED. CREATED: 08 AUG 13:00 2017

!FDC 7/5963 KZDC NC..ROUTE ZDC. V472 ZAGGY, NC TO KINSTON (ISO) VORTAC, NC
NA. 08 AUG 12:58 2017 UNTIL 20 MAR 12:58 2018 ESTIMATED. CREATED: 08 AUG
12:59 2017

!FDC 7/3334 KZDC NC..ROUTE ZDC. V296 RAEFO, NC TO FAYETTEVILLE (FAY)
VOR/DME, NC DUAL MEA 2800 EASTBOUND 5000 WESTBOUND. 26 OCT 13:04 2017 UNTIL
07 JUN 13:04 2018 ESTIMATED. CREATED: 26 OCT 13:04 2017

!FDC 7/2907 KZDC VA..AIRSPACE RICHMOND,VA..AIRBORNE LASER ACTIVITY WI AN
AREA DEFINED AS AIRBORNE LASER ACTIVITY WI AN AREA DEFINED AS:
362753N0722126W 411544N0754601W 372551N0820113W 360019N0784424W POINT OF
ORIGIN. SFC2800FT. AVOID AIRBORNE HAZARD BY 5NM Laterally AND 9000FT
VERTICALLY. THIS BEAM IS INJURIOUS TO PILOTS'/AIRCROWS' AND PASSENGERS'
EYES. WASHINGTON /ZDC/ ARTCC TELEPHONE 7037713470 IS THE FAA COORDINATION
FACILITY. DLY 13002100. 11 DEC 13:00 2017 UNTIL 18 DEC 21:00 2017.
CREATED: 10 DEC 20:48 2017

!FDC 7/2891 KZDC NC..ROUTE ZDC. V54 RAEFO, NC TO FAYETTEVILLE (FAY)
VOR/DME, NC DUAL MEA 2800 EASTBOUND 5000 WESTBOUND. 25 OCT 17:27 2017 UNTIL
06 JUN 17:27 2018 ESTIMATED. CREATED: 25 OCT 17:28 2017

!FDC 7/2768 KZDC VA..ROUTE ZDC ZNY. J220 ARMEL (AML) VOR/DME, VA R009
UNUSEABLE BEYOND 74NM. 16 AUG 18:51 2017 UNTIL 28 MAR 18:51 2018 ESTIMATED.
CREATED: 16 AUG 18:51 2017

!FDC 7/2763 KZDC VA..ROUTE ZDC ZNY. J227 ARMEL (AML) VOR/DME, VA R009
UNUSEABLE BEYOND 74NM. 16 AUG 18:30 2017 UNTIL 28 MAR 18:30 2018 ESTIMATED.
CREATED: 16 AUG 18:30 2017

!FDC 7/2397 KZDC MD..ROUTE ZDC. V31 ARUYE, MD MCA 6000 NORTHWESTBOUND. 27
NOV 16:39 2017 UNTIL 09 JUL 16:39 2018 ESTIMATED. CREATED: 27 NOV 16:39
2017

!FDC 7/2240 KZDC NC..ROUTE ZDC. V56 WALLO, NC TO BEULA, NC MEA 7000. 08 DEC
17:48 2017 UNTIL 20 JUL 17:48 2018 ESTIMATED. CREATED: 08 DEC 17:48 2017

!FDC 7/1606 KZDC WV..ROUTE ZDC ZID. V258 BECKLEY (BKW) VORTAC, WV TO ZOOMS, WV NA ; BKW VOR R131 UNUSABLE. 07 NOV 13:27 2017 UNTIL 19 JUN 13:27 2018 ESTIMATED. CREATED: 07 NOV 13:27 2017

!FDC 7/0861 KZDC ROUTE ZDC ZID. V140 BLUEFIELD (BLF) VORTAC, WV TO SOFTY, WV MEA 7000. V140 SOFTY, WV TO CASTE, VA NA. V140 CASTE, VA TO MONTEBELLO (MOL) VOR/DME, VA MEA 6000. 23 OCT 19:03 2017 UNTIL 04 JUN 19:03 2018 ESTIMATED. CREATED: 23 OCT 19:03 2017

!FDC 7/0288 KZDC ROUTE ZDC. V70 WILMINGTON (ILM) VORTAC, NC TO BEULA, NC NA. 10 OCT 14:19 2017 UNTIL 22 MAY 14:19 2018 ESTIMATED. CREATED: 10 OCT 14:19 2017

!FDC 7/0286 KZDC NC..ROUTE ZDC. V213 WILMINGTON (ILM) VORTAC, NC TO WALLO, NC NA. 10 OCT 14:17 2017 UNTIL 22 MAY 14:17 2018 ESTIMATED. CREATED: 10 OCT 14:17 2017

!FDC 7/0257 KZDC VA..ROUTE ZDC. V469 EXTRAS, VA MCA 10000 NORTHBOUND. 23 OCT 12:47 2017 UNTIL 04 JUN 12:47 2018 ESTIMATED. CREATED: 23 OCT 12:47 2017

!FDC 7/0246 KZDC WV..ROUTE ZDC. V469 BOIER, WV MCA 10000 SOUTHEASTBOUND. 23 OCT 12:41 2017 UNTIL 04 JUN 12:41 2018 ESTIMATED. CREATED: 23 OCT 12:41 2017

!FDC 6/5355 KZDC MD..SPECIAL NOTICE..EFFECTIVE 1701010000 UNTIL 2012312359, SCIENTIFIC AND RESEARCH LASER OPS WILL BE CONDUCTED AT THE NASA/GODDARD SPACE CENTER GEOPHYSICAL AND ASTRONOMICAL OBSERVATORY IN LAUREL, MARYLAND LOCATED AT 390113N0764939W. THE SYSTEM IS INTERMITTENT, WITH POSSIBLE OPERATIONS HAPPENING 24HRS A DAY, 7 DAYS A WEEK. THE LASER BEAM MAY BE INJURIOUS TO PILOTS/AIRCROWS AND PASSENGERS EYES FOR A DISTANCE FM SFC110352FT AGL. HOWEVER, THIS SYSTEM USES A LASER HAZARD REDUCTION RADAR SYSTEM THAT IS SLAVED TO THE TELESCOPE MOUNT, TO ENSURE THE LASER IS DEACTIVATED IN THE EVENT AN ACFT APPROACHES. THE AREA WILL ALSO BE MONITORED BY OBSERVERS AND THE LASER BEAM WILL BE TERMINATED IF NONPARTICIPATING ACFT ARE DETECTED. LASER IRRADIANCE LEVELS WILL NOT EXCEED THE MAXIMUM PERMISSIBLE EXPOSURE LEVELS WI THE LASER FREE, CRITICAL, AND SENSITIVE ZONES. OTHER VISUAL EFFECTS, E.G., FLASHBLINDNESS, AFTER IMAGE, GLARE, AND DISTRACTION MAY OCCUR AT GREATER DISTANCES. THE POTOMAC /PCT/ TRACON TELEPHONE 5403497541 IS THE FAA COORDINATION FACILITY. 01 JAN 00:00 2017 UNTIL 31 DEC 23:59 2020. CREATED: 28 DEC 22:22 2016

!FDC 7/7864 FDC ROUTE ZID ZMP ZAU ZOB. V177 MADISON (MSN) VORTAC, WI TO STEVENS POINT (STE) VORTAC, WI MEA 3000. 23 AUG 12:20 2017 UNTIL 04 APR 12:20 2018 ESTIMATED. CREATED: 23 AUG 12:21 2017

!FDC 7/7282 FDC SECURITY..SPECIAL SECURITY INSTRUCTIONS FOR UNMANNED

AIRCRAFT SYSTEM (UAS) OPERATIONS FOR MULTIPLE LOCATIONS NATIONWIDE APRIL 14, 2017 APRIL 13, 2019 LOCAL. THIS NOTAM REPLACES NOTAM 7/7137 DUE SOFTWARE COMPATABILITY ERROR. PURSUANT TO 49 USC 40103(B)(3), THE FEDERAL AVIATION ADMINISTRATION (FAA) CLASSIFIES THE AIRSPACE DEFINED IN THIS NOTAM AS 'NATIONAL DEFENSE AIRSPACE'. OPERATORS WHO DO NOT COMPLY WITH THE FOLLOWING PROCEDURES MAY FACE THE FOLLOWING ENFORCEMENT ACTIONS: A) THE UNITED STATES GOVERNMENT MAY PURSUE CRIMINAL CHARGES, INCLUDING CHARGES UNDER 49 USC 46307. B) THE FAA MAY TAKE ADMINISTRATIVE ACTION, INCLUDING IMPOSING CIVIL PENALTIES AND THE REVOCATION OF FAA CERTIFICATES OR AUTHORIZATIONS TO OPERATE UNDER TITLE 49 USC 44709 AND 46301. PURSUANT TO 14 CFR 99.7, SPECIAL SECURITY INSTRUCTIONS (SSI), ALL UAS FLIGHT OPERATIONS, INCLUDING PUBLIC, CIVIL, AND MODEL AIRCRAFT, ARE PROHIBITED WI THE AIRSPACE OVER SELECT NATIONAL SECURITY SENSITIVE FACILITIES, SFC400FT AGL, EXCEPT AS PROVIDED FOR BELOW. THE LIST OF SELECTED FACILITIES, DEFINITIONS OF THE ASSOCIATED AIRSPACE IN WHICH UAS OPERATIONS ARE PROHIBITED, DESIGNATED FACILITY CONTACTS, AND OTHER IMPORTANT INFORMATION ARE PROVIDED AT THE SECURITY..SPECIAL SECURITY INSTRUCTIONS FOR UNMANNED FOLLOWING FAA WEBSITE: [HTTP://UAS.FAA.OPENDATA.ARCGIS.COM](http://uas.faa.opendata.arcgis.com). UAS OPERATIONS ARE AUTHORIZED WI THE DEFINED SSI AIRSPACE IF IN COMPLIANCE WITH THE REQUIREMENTS LISTED BELOW: 1) THE UAS FLIGHT OPERATION HAS BEEN PREAPPROVED BY THE DESIGNATED FACILITY CONTACT BASED ON CRITERIA ESTABLISHED BY THE SPONSORING FEDERAL AGENCY IN COORDINATION WITH THE FAA; OR 2) IF THE UAS FLIGHT OPERATION IS CONDUCTED IN DIRECT SUPPORT OF AN ACTIVE NATIONAL DEFENSE, HOMELAND SECURITY, LAW ENFORCEMENT, FIREFIGHTING, SEARCH AND RESCUE, OR DISASTER RESPONSE MISSION, AND PRIOR NOTIFICATION HAS BEEN PROVIDED TO THE DESIGNATED FACILITY CONTACT; OR 3) IF THE UAS FLIGHT OPERATION IS CONDUCTED IN DIRECT SUPPORT OF A SIGNIFICANT AND URGENT GOVERNMENTAL INTEREST AND IS APPROVED BY THE FAAS SYSTEM OPERATIONS SUPPORT CENTER (SOSC) IN ADVANCE OF ENTERING THE DEFINED SSI AIRSPACE; AND 4) THE UAS FLIGHT OPERATION COMPLIES WITH ALL OTHER APPLICABLE FEDERAL AVIATION REGULATIONS. IF YOU HAVE GENERAL QUESTIONS REGARDING UAS OPERATIONS, PLEASE REFER SECURITY..SPECIAL SECURITY INSTRUCTIONS FOR UNMANNED TO [WWW.FAA.GOV/UAS/CONTACT/](http://www.faa.gov/uas/contact/); OR CONTACT THE FAA VIA EMAIL AT UASHELP@FAA.GOV OR PHONE AT (844) FLYMYUA. IF YOU HAVE QUESTIONS REGARDING THESE UAS SSI, PLEASE REFER TO THE FOLLOWING FAA WEBSITE: [HTTP://UAS.FAA.OPENDATA.ARCGIS.COM](http://uas.faa.opendata.arcgis.com); OR CONTACT THE FAAS SOSC AT (202)2678276. 14 APR 00:00 2017 UNTIL 13 APR 23:59 2019. CREATED: 07 APR 23:46 2017

!FDC 7/6429 FDC SECURITY SPECIAL SECURITY INSTRUCTIONS FOR UNMANNED AIRCRAFT SYSTEM (UAS) OPERATIONS FOR MULTIPLE LOCATIONS NATIONWIDE. THIS NOTAM SUPPLEMENTS THE UASSPECIFIC SPECIAL SECURITY INSTRUCTIONS DEFINED BY FDC 7/7282 AND IMPLEMENTED PURSUANT 14 C.F.R. 99.7 AND HAVE BEEN APPLIED TO AIRSPACE OVER ADDITIONAL NATIONAL SECURITY SENSITIVE FACILITIES. THE UPDATED LIST OF AFFECTED AIRSPACE AND ASSOCIATED PROTECTED LOCATIONS, AND OTHER IMPORTANT INFORMATION ARE PROVIDED AT THE FOLLOWING FAA WEBSITE:

[HTTP://UAS.FAA.OPENDATA.ARCGIS.COM](http://uas.faa.opendata.arcgis.com). SEE FDC 7/7282 FOR COMPLETE INFORMATION ON THESE SPECIAL SECURITY INSTRUCTIONS. 29 DEC 00:01 2017 UNTIL 01 FEB 23:59 2019. CREATED: 15 DEC 20:13 2017

!FDC 7/4319 FDC SECURITY SPECIAL SECURITY INSTRUCTIONS FOR SELECT SPORTING EVENTS. THIS NOTAM REPLACES FDC NOTAM 4/3621 TO CLARIFY ATC AUTHORIZATION OF TRANSITING FLIGHTS. THIS NOTAM IMPLEMENTS SECTION 352 OF PUBLIC LAW 1087 AS AMENDED BY SECTION 521 OF PUBLIC LAW 108199. PURSUANT TO 49 USC 40103(B)(3), THE 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 TITLE 14 CFR SECTION 99.7, SPECIAL SECURITY INSTRUCTIONS, ALL AIRCRAFT OPERATIONS ARE PROHIBITED EXCEPT AS SPECIFIED BELOW WITHIN AN AREA DEFINED AS: 3 NMR OF A QUALIFYING STADIUM OR OTHER SPORTING VENUE HOSTING A QUALIFYING EVENT UP TO AND INCLUDING 3000FT AGL. QUALIFYING LOCATIONS AND EVENTS ARE DEFINED AS ANY STADIUM OR OTHER SPORTING VENUE HAVING A SEATING CAPACITY OF 30,000 OR MORE WHERE: 1) A REGULAR OR POST SEASON MAJOR LEAGUE BASEBALL, NATIONAL FOOTBALL SPECIAL SECURITY INSTRUCTIONS FOR SELECT LEAGUE, OR NCAA DIVISION ONE FOOTBALL GAME IS OCCURRING; OR 2) A NASCAR CUP, INDY CAR, OR CHAMP SERIES RACE IS OCCURRING, EXCLUDING QUALIFYING AND PRERACE EVENTS. THIS FLIGHT PROHIBITION IS IN EFFECT ONE HOUR BEFORE THE SCHEDULED START UNTIL ONE HOUR AFTER THE END OF A QUALIFYING EVENT. THIS FLIGHT PROHIBITION APPLIES TO ALL AIRCRAFT OPERATIONS (INCLUDING TRAINING, PARACHUTE JUMPING, AND UNMANNED AIRCRAFT SYSTEMS INCLUDING MODEL AIRCRAFT FLIGHTS) UNLESS THE AIRCRAFT OPERATOR MEETS AT LEAST ONE OF THE FOLLOWING REQUIREMENTS: A) THE AIRCRAFT OPERATION HAS BEEN AUTHORIZED BY ATC FOR OPERATIONAL OR SAFETY PURPOSES, INCLUDING AUTHORIZATION OF FLIGHTS SPECIFICALLY ARRIVING AT OR DEPARTING FROM AN AIRPORT DESIGNATED BY ATC USING STANDARD ATC PROCEDURES AND ROUTES; B) THE AIRCRAFT OPERATION IS BEING CONDUCTED FOR OPERATIONAL, SAFETY, OR SECURITY PURPOSES SUPPORTING THE QUALIFYING EVENT, AND IS AUTHORIZED BY AN AIRSPACE SECURITY WAIVER APPROVED BY THE FAA; C) THE AIRCRAFT OPERATION IS ENABLING BROADCAST COVERAGE FOR THE BROADCAST RIGHTS HOLDER FOR THE QUALIFYING EVENT, AND IS AUTHORIZED BY AN AIRSPACE SECURITY WAIVER APPROVED BY THE FAA; SPECIAL SECURITY INSTRUCTIONS FOR SELECT D) THE AIRCRAFT OPERATION HAS BEEN AUTHORIZED BY ATC FOR NATIONAL SECURITY, HOMELAND SECURITY, LAW ENFORCEMENT, OR AIR AMBULANCE PURPOSES; PILOTS OPERATING IN THE DEFINED AIRSPACE ARE REMINDED THAT AN FAA AIRSPACE SECURITY WAIVER DOES NOT RELIEVE OPERATORS FROM OBTAINING ALL OTHER NECESSARY AUTHORIZATIONS, INCLUDING THOSE SPECIFIC TO FLIGHTS OVER EVENTS HELD IN STADIUMS AND OTHER SPORTING VENUES, AND COMPLYING WITH ALL APPLICABLE FEDERAL AVIATION REGULATIONS. PILOTS MUST CONTINUOUSLY SQUAWK AN ATCASSIGNED BEACON CODE AND MAINTAIN 2WAY RADIO CONTACT WITH ATC WHILE OPERATING IN THE DEFINED AIRSPACE. ALL PREVIOUSLY ISSUED WAIVERS TO FDC NOTAM 4/3621 REMAIN VALID

UNTIL THE SPECIFIED END DATE BUT NOT TO EXCEED 90 DAYS FOLLOWING THE EFFECTIVE DATE OF THIS NOTAM. INFORMATION ABOUT AIRSPACE SECURITY WAIVER APPLICATIONS AND TSA SECURITY AUTHORIZATIONS CAN BE FOUND AT [HTTP://WWW.TSA.GOV/STAKEHOLDERS/AIRSPACEWAIVERS](http://www.tsa.gov/stakeholders/airspacewaivers) OR BY CALLING TSA AT 5712272071. SUBMIT REQUESTS FOR FAA AIRSPACE WAIVERS AT [HTTPS://WAIVERS.FAA.GOV](https://waivers.faa.gov). 20 JUL 14:00 2017 UNTIL PERM. CREATED: 20 JUL 13:59 2017

!FDC 6/8818 FDC ...SPECIAL NOTICE...IN THE INTEREST OF NATIONAL SECURITY AND TO THE EXTENT PRACTICABLE, PILOTS AND UAS OPERATORS ARE STRONGLY ADVISED TO AVOID THE AIRSPACE ABOVE OR IN CLOSE PROXIMITY TO CRITICAL INFRASTRUCTURE AND OTHER SENSITIVE LOCATIONS SUCH AS POWER PLANTS (NUCLEAR, HYDROELECTRIC, OR COAL), DAMS, REFINERIES, INDUSTRIAL COMPLEXES, MILITARY FACILITIES, CORRECTIONAL AND LAW ENFORCEMENT FACILITIES UNLESS OTHERWISE AUTHORIZED. PILOTS AND UAS OPERATORS SHOULD NOT CIRCLE AS TO LOITER IN THE VICINITY OVER THESE TYPES OF FACILITIES. 23 MAR 15:38 2016 UNTIL PERM. CREATED: 23 MAR 15:37 2016

!FDC 6/5307 FDC SPECIAL NOTICE. FOR THE TAKEOFF AND LANDING PERFORMANCE ASSESSMENT (TALPA) EFFECTIVE OCTOBER 1, 2016, TALPA RELATED CHANGES TO THE AIM AND THE AIP WILL APPEAR IN NOTICES LOCATED ON THE TALPA WEBSITE AT [HTTP://WWW.FAA.GOV/ABOUT/INITIATIVES/TALPA/](http://www.faa.gov/about/initiatives/talpa/). THE CHANGES WILL BE MADE TO THESE DOCUMENTS IN SPRING OF 2017. 20 SEP 16:30 2016 UNTIL PERM. CREATED: 20 SEP 16:33 2016

!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 562. 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. WIE UNTIL UFN. CREATED: 19 MAY 14:12 2004

!FDC 2/2422 FDC 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/AIRCRAFTS 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. 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 702. "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". WIE UNTIL UFN. CREATED: 13 JAN 16:38 2012

!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. WIE UNTIL UFN. CREATED: 13 JUN 18:28 2008

All International NOTAMs

All published NOTAMs are available in the Notices to Airmen Publication (NTAP).

KZNY 16/A0255 KZNY 20160915090100 PERM L453 IS not AUTH between AZEZU and PAEPR. Users wishing to use L453 must file: northbound: PAEPR HOB OH AZEZU SOUTHBOUND: AZEZU HOB OH PAEPR. 15 September 09:01 2016 until permanent. Created: 12 September 18:34 2016

KZNY 05/A0413 KZNY 20070618211500 PERM QXXXX the following navigation reference system (NRS) waypoints are unusable: KN48A, KN51A, KN57C, KN60C, KN60E, KN63E, KN66G, KN63G. Effective immediately until further notice. Created: 30 June 17:42 2005

KZNY 13/A0017 KZNY 20130205120000 PERM QRACA change IN New York Center oceanic clearance procedures beginning on 5 February 2013 at 1200Z, New York Center will modify the procedures that are used to issue oceanic clearances to eastbound aircraft entering minimum navigation performance standard (MNPS) airspace. These procedures only apply to aircraft entering the New York Center oceanic CTA from A FAA facility. The purpose of this NOTAM IS to explain these changes. North Atlantic (NAT) document 007, TITLED guidance concerning air navigation IN and above the north Atlantic MNPS airspace IS A guidance document published by International Civil Aviation Organization (ICAO) to assist users IN the proper procedures to be used when operating IN the NAT. Chapter 5 of document 007, TITLED oceanic Air Traffic Control clearances, IS the chapter to which these changes pertain. There are three COMPONENTS to an oceanic clearance. They are route, altitude and speed. It IS the delivery method of these three COMPONENTS which IS changing. Beginning on 5 February 2013, the FAA will consider the airport clearance which an aircraft receives on the ground at its departure aerodrome to be the route portion of the oceanic clearance. Altitude and speed assignment will occur prior to entry into the New York Center oceanic CTA. As IS the current operating procedure, unsolicited enroute route, altitude OR speed changes May occur due to changing traffic situations. At all times, the last assigned route, altitude and speed are to be maintained and should be considered your new oceanic profile. Having received all three COMPONENTS, the requirement to receive an oceanic clearance will have been meteorological. For example: an aircraft has filed an FPL from MDSD to EDDF. This would take the flight from the Santo Domingo Flight Information Region, through the Miami Flight Information Region and then the New York Flight Information Region before entering Santa Maria. The airport clearance provided on the ground at MDSD would fulfill the route requirement of the oceanic clearance. Once airborne and IN the Miami Flight Information Region, final speed and altitude assignment will be given after the flight IS coordinated between Miami and New York. If A route, speed OR altitude change enroute IS desired, then aircraft should make A request from the Air Traffic Control unit IN which they are operating. At all times, the last assigned route, altitude and speed are to be maintained. Track message identification number (TMI) confirmation for aircraft filing an abbreviated clearance IN lieu of the track coordinates will be accomplished prior to reaching the track entry Point. Users are reminded of the requirement to file an FPL and any subsequent changes with New York oceanic at KZWYZOZX, along with any other Air Traffic Control facilities that May require such filing. Flight level 055 unlimited 05 February 12:00 2013 until further notice. Created: 11 January 17:19 2013

KZNY 11/A0614 KZNY 20111020050000 PERM QXXXX N10A and N14A north American routes, noncommon portion for aircraft landing DULLES international

airport (IAD) revised to: BERGH L454 BOUNO CREEL J62 RBV HYPER3 arrival (RNAV equipped aircraft ONLY). Nonarea navigation (RNAV) equipped aircraft landing IAD must file conventional routings IN lieu of N10A and N14A. If further information IS required please contact Mr. CHRIS WINKELEER, manager, New York Center (ZNY) operations support at 16314681018. 20 October 05:00 2011 until until further notice. Created: 19 October 11:49 2011

KZNY 11/A0580 KZNY 20110928114800 PERM QXXXX whenever an eastbound north Atlantic track IS published that originates at JAROM OR TALGO, aircraft transitioning the New York oceanic CTA and planning to join the JAROM/TALGO track must file A route from A Point 42N OR south direct to 44° North 50° West. For example, north Atlantic track (NAT) XRAY IS published via JAROM TALGO 44° North 50° West 46° North 40° West 48° North 30° West 50° North 20° West SOMAX ATSUR. The following routes would be filed to join NATX: 1. An aircraft wishes to join NATX from M201. The correct route to file IN the New York CTA IS M201 DRYED 41° North 60° West 44° North 50° West NATX. 2. An aircraft wishes to join NATX from M202. The correct route to file IN the New York CTA IS M202 MUNY 41° North 60° West 44° North 50° West NATX. 3. An aircraft wishes to join NATX from M203. The correct route to file IN the New York CTA IS M203 SELIM 40° North 60° West 44° North 50° West NATX. Effective immediately until until further notice. Created: 28 September 11:48 2011

KZNY 11/A0346 KZNY 20110630040000 PERM QXXXX three waypoints named JISEL, EXXES and CEETE have been established IN warning area 107. They are published, but not charted, and exist IN aircraft S flight management systems. Due to the fact that warning area airspace IS not always available for air traffic control use, routing over JISEL, EXXES OR CEETE May not be flight planned by pilots OR operators. For additional information regarding these waypoints, contact CHRIS WINKELEER at 6314681018 OR via Email at CHRIS.WINKELEER@FAA.Governor. This NOTAM replaces NOTAM A0791/10. Surface unlimited, 30 June 04:00 2011 until until further notice. Created: 22 June 12:37 2011

KZNY 10/A0844 KZNY 20101209124200 PERM QXXXX until further notice Air Traffic Service route M201 IS not available for use at flight level 300 and below between the waypoints PAEPR and HANRI. Air Traffic Service route L453 IS not AVAIALE for use at flight level 300 and below between the waypoints AZEPU and PAEPR. Flight level 055 flight level 300, effective immediately until until further notice. Created: 09 December 12:42 2010

KZNY 10/A0447 KZNY 20100608144500 PERM QXXXX until further notice, no aircraft May fly IN offshore OR oceanic airspace (West of longitude SIXTY WEST) that IS beyond the range of direct pilot/controller two-way VHF radio communications without being equipped with an approved operational

longitude range communications system (LRCS). Notwithstanding any phrase IN the definition of A LRCS IN 14 CFR 1.1, A satellite telephone system does not qualify as A LRCS. Flight level 060 unlimited, effective immediately until further notice. Created: 08 June 14:45 2010

KZNY 10/A0258 KZNY 20100312125300 PERM QXXXX this NOTAM revises NOTAM A0379/09. No procedural changes have been made. It has been edited for brevity. Westbound oceanic flight clearance procedures. Due to regional air traffic control automation system compatibility problems the following modification were made to westbound oceanic flight clearance and RECLEARANCE procedures IN the north Atlantic region on May 11, 2009. These procedures are only applied within the SHANWICK, gander, and New York area control centers and continue IN force as follows: aircraft that will proceed south of latitude 39 north and west of longitude 67 west will be cleared to the first named fix IN the New York OCA that IS specified IN the AIRCRAFT'S filed flight plan, followed by the phraseology via flight planned route to destination. Aircraft that will proceed south of latitude 20 north and east of longitude 60 west will be cleared to the last set of coordinates specified IN the AIRCRAFT'S filed flight plan prior to latitude 20 north followed by the phraseology via flight planned route to destination. Feet that have been taken off their flight planned route will be RECLEARED to A fix specified IN the AIRCRAFT'S filed flight plan followed by the phraseology via flight planned route to destination. It IS imperative that operators file flight plans (FPL) and flight plan change (CHG) messages through the New York oceanic CTA/Flight Information Region use the address KZWYZOZX. It must be noted that the New York oceanic address IS separate from the New York domestic address (KZNYZRZX). Operators May forward questions to: SHANWICK Air Control Center, FINLAY smith, (FINLAY.SMITH@NATS.CO.UK), 00441292692663 gander Air Control Center, Robert FLEMING, (FLEMING@NAVCANADA.CA), (001)7096515233 New York Air Control Center, PETER EHRLEIN, (PETER.C.EHRLEIN@FAA.Governor), (001)6314681021. Surface unlimited 12 March 12:53 2010 until further notice. Created: 12 March 13:06 2010

KZNY 09/A0429 KZNY 20090629175200 PERM QXXXX beacon code procedures IN the west Atlantic route system (WATRS) area effective immediately, all aircraft transitioning into the west Atlantic route system (WATRS) via fixed Air Traffic Service routes shall remain on the last Air Traffic Control assigned beacon code. Effective immediately until further notice. Created: 29 June 17:52 2009

KZNY 09/A0126 KZNY 20090306210000 PERM QXXXX eastbound routing via M326 operators filing eastbound routing via OLDEY direct JAINS M326 FPR should file OLDEY direct EMQUE direct LEXIM M326 FPR. For further information contact PETER EHRLEIN at 6314681021 OR via email (PETER.C.EHRLEIN@FAA.Governor. Effective immediately until further

notice. Created: 06 March 21:00 2009

KICZ 17/A0029 KICZ 20171214115500 20200107235900 Security..United states of America flight prohibition against certain flights IN specified areas of the Sanaa (OYSC) flight information region (FIR) 14 CFR 91.1611 Special federal aviation regulation (SFAR) no. 115 Prohibition against certain flights IN specified areas of the Sanaa (OYSC) flight information region (FIR) was published IN the federal register on 14 December 2017 and was effective immediately. Additional information IS provided at: https://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/. Surface - unlimited, 14 December 11:55 2017 until 07 January 23:59 2020. Created: 14 December 11:52 2017

KICZ 17/A0027 KICZ 20171213141000 20200107235900 Security..United states of America flight prohibition against certain flights IN the territory and AIRSPACE of SOMALIA 14 CFR 91.1613 Special federal aviation regulation (SFAR) no. 107 Prohibition against certain flights IN the territory and airspace of SOMALIA was published IN the federal register on 13 December 2017 and was effective immediately. Additional information IS provided at:

All Military NOTAMs

All published NOTAMs are available in the Notices to Airmen Publication (NTAP).

!KFFO 17/M1324 Wright Patterson Air Force Base, Dayton, OH (KFFO) Aerodrome runway 23R papis not coincidental with runway 23R ILS glideslope. 14 December 18:12 2017 until 21 February 23:59 2018. Created: 14 December 18:12 2017

!KFFO 17/M1178 Wright Patterson Air Force Base, Dayton, OH (KFFO) Aerodrome NVD operations IN progress Tuesday through Thursday sunset-0400Z++. 21 November 15:20 2017 until 16 February 23:59 2018. Created: 21 November 15:20 2017

!KSCH 17/V0013 NSDM [FOR LC-130 operations ONLY]PRESSURE altimeter update (PAU) procedure IS required IAW 11-2C-130V3_ADDD. 08 December 06:25 2017 until 31 January 23:59 2018. Created: 08 December 06:24 2017

!KSCH 17/V0011 NSDM [FOR LC-130 operations ONLY] SKIWAY markings for SKIWAY 06/24 are certified IAW 13-217. 07 December 12:00 2017 until 31 January 23:59 2018. Created: 07 December 11:19 2017

!KSCH 17/V0010 NSDM [FOR LC-130 operations ONLY] maximum safe landing weight for SKIWAY 06/24 IS set at 135,000 pounds. 07 December 12:00 2017 until 31 January 23:59 2018. Created: 07 December 11:17 2017

!KSCH 17/V0008 NSHG [FOR LC-130 operations ONLY] maximum safe operating weight for ski operations IS set at 135,000 pounds. 28 November 15:57 2017 until 31 January 23:59 2018. Created: 28 November 16:00 2017

!KSCH 17/M0065 NWSD [FOR LC-130 operations ONLY] SKIWAY markings for SKIWAY 11 are not certified IAW 13-217, minimums: 1000/3. 08 December 06:45 2017 until 31 January 23:59 2018. Created: 08 December 06:46 2017

!KSCH 17/M0064 NWSD [FOR LC-130 operations ONLY] SKIWAY markings for SKIWAY 29 are certified IAW 13-217, minimums: 300/1. 08 December 06:28 2017 until 31 January 23:59 2018. Created: 08 December 06:33 2017

!KSCH 17/M0062 NWSD [FOR LC-130 operations ONLY]PRESSURE altimeter update (PAU) procedure IS not required IAW 11-2C-130V3_ADDD. 08 December 06:25 2017 until 31 January 23:59 2018. Created: 08 December 06:25 2017

!KSCH 17/M0061 NWSD [FOR LC-130 operations ONLY] maximum safe landing weight for ski operations IS set at 135,000 pounds. 08 December 06:20 2017 until 31 January 23:59 2018. Created: 08 December 06:20 2017

Flow Control

Advisory ID: 018

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Fri Dec 15 06:51:00 UTC 2017

Advisory Effective End Time: Sun Dec 17 12:15:00 UTC 2017

Advisory Text: ATCSCC ADVZY 018 DCC 12/15/2017 VOLCANIC ACTIVITY BULLETIN - FUEGO

342090

FVXX21 KNES 150651 WSI UKS:150653

VA ADVISORY

DTG: 20171215/0651Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090

PSN: N1428 W09052

AREA: GUATEMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/356

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: CONT VA EMS OBS IN STLT IMAGERY

OBS VA DTG: 15/0615Z

OBS VA CLD: SFC/FL180 N1501 W09147 - N1431 W09053
- N1429 W09053 - N1429 W09152 - N1501 W09147 MOV
NW 0-5KT

FCST VA CLD +6HR: 15/1230Z SFC/FL180 N1502 W09145
- N1430 W09052 - N1429 W09053 - N1431 W09153 -
N1502 W09145

FCST VA CLD +12HR: 15/1830Z SFC/FL180 N1500
W09150 - N1430 W09052 - N1429 W09052 - N1426
W09152 - N1500 W09150

FCST VA CLD +18HR: 16/0030Z SFC/FL180 N1500
W09152 - N1431 W09052 - N1429 W09052 - N1424
W09153 - N1500 W09152

RMK: CONT VA EMS OBS MOV NW IN STLT IMAGERY. NWP
GUIDANCE SUGGESTS CONT MOV NW THROUGH +18
...FISHER

NXT ADVISORY: WILL BE ISSUED BY 20171215/1245Z
1712150651-1712151245

Advisory ID: 017

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Fri Dec 15 06:51:00 UTC 2017

Advisory Effective End Time: Sun Dec 17 12:15:00 UTC 2017

Advisory Text: ATCSCC ADVZY 017 DCC 12/15/2017 VOLCANIC ACTIVITY BULLETIN -
FUEGO

342090

FVXX21 KNES 150651 WSI DDS:150652

VA ADVISORY

DTG: 20171215/0651Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090

PSN: N1428 W09052

AREA: GUATEMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/356

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: CONT VA EMS OBS IN STLT IMAGERY

OBS VA DTG: 15/0615Z

OBS VA CLD: SFC/FL180 N1501 W09147 - N1431 W09053
- N1429 W09053 - N1429 W09152 - N1501 W09147 MOV
NW 0-5KT

FCST VA CLD +6HR: 15/1230Z SFC/FL180 N1502 W09145
- N1430 W09052 - N1429 W09053 - N1431 W09153 -
N1502 W09145

FCST VA CLD +12HR: 15/1830Z SFC/FL180 N1500
W09150 - N1430 W09052 - N1429 W09052 - N1426
W09152 - N1500 W09150

FCST VA CLD +18HR: 16/0030Z SFC/FL180 N1500
W09152 - N1431 W09052 - N1429 W09052 - N1424
W09153 - N1500 W09152

RMK: CONT VA EMS OBS MOV NW IN STLT IMAGERY. NWP
GUIDANCE SUGGESTS CONT MOV NW THROUGH +18
...FISHER

NXT ADVISORY: WILL BE ISSUED BY 20171215/1245Z
1712150651-1712151245

Advisory ID: 019

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Fri Dec 15 08:48:00 UTC 2017

Advisory Effective End Time: Sun Dec 17 12:15:00 UTC 2017

Advisory Text: ATCSCC ADVZY 019 DCC 12/15/2017 VOLCANIC ACTIVITY BULLETIN -
REVENTADOR 352010

FVXX22 KNES 150848 WSI DDS:150850

VA ADVISORY

DTG: 20171215/0848Z

VAAC: WASHINGTON

VOLCANO: REVENTADOR 352010

PSN: S0004 W07739

AREA: ECUADOR

SUMMIT ELEV: 11686 FT (3562 M)

ADVISORY NR: 2017/773

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: CONT VA EMS

OBS VA DTG: 15/0815Z

OBS VA CLD: SFC/FL150 N0019 W07822 - S0003 W07740
- S0004 W07740 - S0022 W07822 - N0019 W07822 MOV
W 10KT

FCST VA CLD +6HR: 15/1430Z SFC/FL150 N0015 W07823
- S0004 W07738 - S0004 W07740 - S0024 W07824 -
N0015 W07823

FCST VA CLD +12HR: 15/2030Z SFC/FL150 N0017
W07823 - S0003 W07740 - S0005 W07740 - S0024
W07822 - N0017 W07823

FCST VA CLD +18HR: 16/0230Z SFC/FL150 N0018
W07823 - S0002 W07738 - S0005 W07738 - S0023
W07823 - N0018 W07823

RMK: CONT VA EMS OBS MOV W IN STLT IMAGERY. NWP
GUIDANCE SUGGEST CONT MOV W THROUGH +18 ...FISHER

NXT ADVISORY: WILL BE ISSUED BY 20171215/1445Z
1712150848-1712151445

Advisory ID: 020

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Fri Dec 15 08:48:00 UTC 2017

Advisory Effective End Time: Sun Dec 17 12:15:00 UTC 2017

Advisory Text: ATCSCC ADVZY 020 DCC 12/15/2017 VOLCANIC ACTIVITY BULLETIN -
REVENTADOR 352010

FVXX22 KNES 150848 WSI UKS:150853

VA ADVISORY

DTG: 20171215/0848Z

VAAC: WASHINGTON

VOLCANO: REVENTADOR 352010

PSN: S0004 W07739

AREA: ECUADOR

SUMMIT ELEV: 11686 FT (3562 M)

ADVISORY NR: 2017/773

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: CONT VA EMS

OBS VA DTG: 15/0815Z

OBS VA CLD: SFC/FL150 N0019 W07822 - S0003 W07740
- S0004 W07740 - S0022 W07822 - N0019 W07822 MOV
W 10KT

FCST VA CLD +6HR: 15/1430Z SFC/FL150 N0015 W07823
- S0004 W07738 - S0004 W07740 - S0024 W07824 -
N0015 W07823

FCST VA CLD +12HR: 15/2030Z SFC/FL150 N0017
W07823 - S0003 W07740 - S0005 W07740 - S0024
W07822 - N0017 W07823

FCST VA CLD +18HR: 16/0230Z SFC/FL150 N0018
W07823 - S0002 W07738 - S0005 W07738 - S0023
W07823 - N0018 W07823

RMK: CONT VA EMS OBS MOV W IN STLT IMAGERY. NWP
GUIDANCE SUGGEST CONT MOV W THROUGH +18 ...FISHER

NXT ADVISORY: WILL BE ISSUED BY 20171215/1445Z
1712150848-1712151445

Advisory ID: 022

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Fri Dec 15 11:54:00 UTC 2017

Advisory Effective End Time: Sun Dec 17 12:15:00 UTC 2017

Advisory Text: ATCSCC ADVZY 022 DCC 12/15/2017 VOLCANIC ACTIVITY BULLETIN -

KARYMSKY
300130
FVFE01 RJTD 151150 WSI UKS:151151
VA ADVISORY
DTG: 20171215/1150Z
VAAC: TOKYO
VOLCANO: KARYMSKY 300130
PSN: N5403 E15927
AREA: RUSSIA
SUMMIT ELEV: 1513M
ADVISORY NR: 2017/134
INFO SOURCE: HIMAWARI-8
AVIATION COLOUR CODE: NIL
ERUPTION DETAILS: VA DISSIPATED ON SATELLITE IMAGERY
OBS VA DTG: 15/1120Z
OBS VA CLD: VA NOT IDENTIFIABLE FM SATELLITE DATA WIND FL180
240/10KT

FCST VA CLD +6 HR: NO VA EXP
FCST VA CLD +12 HR: NO VA EXP
FCST VA CLD +18 HR: NO VA EXP
RMK: NIL
NXT ADVISORY: NO FURTHER ADVISORIES
1712151154-1712151800

Advisory ID: 024
Affected Location: None
Reporting ARTCC: DCC
Advisory Effective Start Time: Fri Dec 15 12:23:00 UTC 2017
Advisory Effective End Time: Sun Dec 17 12:15:00 UTC 2017
Advisory Text: ATCSCC ADVZY 024 DCC 12/15/2017 VOLCANIC ACTIVITY BULLETIN -
FUEGO

342090
FVXX21 KNES 151219 WSI DDS:151220
VA ADVISORY
DTG: 20171215/1219Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090
PSN: N1428 W09052

AREA: GUATEMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/358

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: CONT VA EMS OBS IN STLT IMAGERY

OBS VA DTG: 15/1145Z

OBS VA CLD: SFC/FL180 N1547 W09159 - N1430 W09052
- N1428 W09053 - N1501 W09234 - N1547 W09159 MOV
NW 15-20KT

FCST VA CLD +6HR: 15/1800Z SFC/FL180 N1537 W09213
- N1430 W09052 - N1428 W09053 - N1436 W09236 -
N1537 W09213

FCST VA CLD +12HR: 16/0000Z SFC/FL180 N1539
W09211 - N1430 W09052 - N1428 W09053 - N1440
W09238 - N1539 W09211

FCST VA CLD +18HR: 16/0600Z SFC/FL180 N1538
W09213 - N1430 W09052 - N1428 W09053 - N1437
W09237 - N1538 W09213

RMK: CONT VA EMS OBS IN STLT IMAGERY. NWP
GUIDANCE SUGGEST CONT MOV NW THROUGH +18
...FISHER

NXT ADVISORY: WILL BE ISSUED BY 20171215/1815Z
1712151223-1712151815

Advisory ID: 025

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Fri Dec 15 12:25:00 UTC 2017

Advisory Effective End Time: Sun Dec 17 12:15:00 UTC 2017

Advisory Text: ATCSCC ADVZY 025 DCC 12/15/2017 VOLCANIC ACTIVITY BULLETIN -
FUEGO

342090

FVXX21 KNES 151219 WSI UKS:151222

VA ADVISORY

DTG: 20171215/1219Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090

PSN: N1428 W09052

AREA: GUATEMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/358

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: CONT VA EMS OBS IN STLT IMAGERY

OBS VA DTG: 15/1145Z

OBS VA CLD: SFC/FL180 N1547 W09159 - N1430 W09052
- N1428 W09053 - N1501 W09234 - N1547 W09159 MOV
NW 15-20KT

FCST VA CLD +6HR: 15/1800Z SFC/FL180 N1537 W09213
- N1430 W09052 - N1428 W09053 - N1436 W09236 -
N1537 W09213

FCST VA CLD +12HR: 16/0000Z SFC/FL180 N1539
W09211 - N1430 W09052 - N1428 W09053 - N1440
W09238 - N1539 W09211

FCST VA CLD +18HR: 16/0600Z SFC/FL180 N1538
W09213 - N1430 W09052 - N1428 W09053 - N1437
W09237 - N1538 W09213

RMK: CONT VA EMS OBS IN STLT IMAGERY. NWP
GUIDANCE SUGGEST CONT MOV NW THROUGH +18
...FISHER

NXT ADVISORY: WILL BE ISSUED BY 20171215/1815Z
1712151225-1712151815

Advisory ID: 038

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Fri Dec 15 14:52:00 UTC 2017

Advisory Effective End Time: Wed Dec 20 17:12:00 UTC 2017

Advisory Text: ATCSCC ADVZY 038 DCC 12/15/2017 VOLCANIC ACTIVITY BULLETIN -
REVENTADOR 352010

FVXX22 KNES 151450 WSI DDS:151451

VA ADVISORY

DTG: 20171215/1450Z

VAAC: WASHINGTON

VOLCANO: REVENTADOR 352010

PSN: S0004 W07739

AREA: ECUADOR

SUMMIT ELEV: 11686 FT (3562 M)

ADVISORY NR: 2017/774

INFO SOURCE: GOES-EAST. NWP MODELS. GEOPHYSICAL
INST.

ERUPTION DETAILS: ONGOING EM

OBS VA DTG: 15/1415Z

OBS VA CLD: VA NOT IDENTIFIABLE FROM SATELLITE
DATA WINDS SFC/FL150 090/10KT

FCST VA CLD +6HR: 15/2030Z

FCST VA CLD +12HR: 16/0230Z

FCST VA CLD +18HR: 16/0830Z

RMK: VA NOT OBS IN STLT DUE TO CLOUDS.
GEOPHYSICAL INSTITUTE INDICATES EM CONTINUE.
...RUMINSKI

NXT ADVISORY: WILL BE ISSUED BY 20171215/2045Z

201712151452-201712152045

Advisory ID: 050

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Fri Dec 15 18:00:00 UTC 2017

Advisory Effective End Time: Sun Dec 17 12:15:00 UTC 2017

Advisory Text: ATCSCC ADVZY 050 DCC 12/15/2017 VOLCANIC ACTIVITY BULLETIN -
FUEGO

342090

FVXX21 KNES 151800 WSI DDS:151801

VA ADVISORY
DTG: 20171215/1800Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090
PSN: N1428 W09052

AREA: GUATEMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/359

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: SEVERAL HOUR ERUPTION ENDING
AROUND 1600Z

OBS VA DTG: 15/1715Z

OBS VA CLD: SFC/FL180 N1610 W09234 - N1609 W09211
- N1440 W09113 - N1429 W09116 - N1456 W09200 -
N1610 W09234 MOV NW 15KT

FCST VA CLD +6HR: 15/2330Z SFC/FL180 NO ASH EXP

FCST VA CLD +12HR: 16/0530Z NO ASH EXP

FCST VA CLD +18HR: 16/1130Z NO ASH EXP

RMK: EM FROM THE VOLCANO ENDED AROUND 16Z.
LEADING EDGE OF REMNANT VA HAS MOV INTO EXTREME S
MEXICO. EXPECT ALL OF THE VA TO DISP IN NEXT
COUPLE OF HRS. ...RUMINSKI

NXT ADVISORY: WILL BE ISSUED BY 20171216/0000Z
1712151800-1712152359

Advisory ID: 051

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Fri Dec 15 18:00:00 UTC 2017

Advisory Effective End Time: Sun Dec 17 12:15:00 UTC 2017

Advisory Text: ATCSCC ADVZY 051 DCC 12/15/2017 VOLCANIC ACTIVITY BULLETIN -
FUEGO

342090

FVXX21 KNES 151800 WSI UKS:151803

VA ADVISORY

DTG: 20171215/1800Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090

PSN: N1428 W09052

AREA: GUATEMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/359

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: SEVERAL HOUR ERUPTION ENDING
AROUND 1600Z

OBS VA DTG: 15/1715Z

OBS VA CLD: SFC/FL180 N1610 W09234 - N1609 W09211
- N1440 W09113 - N1429 W09116 - N1456 W09200 -
N1610 W09234 MOV NW 15KT

FCST VA CLD +6HR: 15/2330Z SFC/FL180 NO ASH EXP

FCST VA CLD +12HR: 16/0530Z NO ASH EXP

FCST VA CLD +18HR: 16/1130Z NO ASH EXP

RMK: EM FROM THE VOLCANO ENDED AROUND 16Z.
LEADING EDGE OF REMNANT VA HAS MOV INTO EXTREME S
MEXICO. EXPECT ALL OF THE VA TO DISP IN NEXT
COUPLE OF HRS. ...RUMINSKI

NXT ADVISORY: WILL BE ISSUED BY 20171216/0000Z
1712151800-1712152359

Advisory ID: 056

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Fri Dec 15 20:37:00 UTC 2017

Advisory Effective End Time: Fri Jan 12 16:02:00 UTC 2018

Advisory Text: ATCSCC ADVZY 056 DCC 12/15/2017 VOLCANIC ACTIVITY BULLETIN -
REVENTADOR 352010
FVXX22 KNES 152037 WSI DDS:152039
VA ADVISORY
DTG: 20171215/2037Z

VAAC: WASHINGTON

VOLCANO: REVENTADOR 352010
PSN: S0004 W07739

AREA: ECUADOR

SUMMIT ELEV: 11686 FT (3562 M)

ADVISORY NR: 2017/775

INFO SOURCE: GOES-EAST.

ERUPTION DETAILS: VA HAS DISP.

OBS VA DTG: 15/2015Z

OBS VA CLD: VA NOT IDENTIFIABLE FROM SATELLITE
DATA.

FCST VA CLD +6HR: NO VA EXP

FCST VA CLD +12HR: NO VA EXP

FCST VA CLD +18HR: NO VA EXP

RMK: VA HAS DISP. NO FURTHER EM OBS. ...ZHU

NXT ADVISORY: NO FURTHER ADVISORIES
12152037-12160237

Advisory ID: 057
Affected Location: None
Reporting ARTCC: DCC
Advisory Effective Start Time: Fri Dec 15 20:37:00 UTC 2017
Advisory Effective End Time: Fri Jan 12 16:02:00 UTC 2018
Advisory Text: ATCSCC ADVZY 057 DCC 12/15/2017 VOLCANIC ACTIVITY BULLETIN -
REVENTADOR 352010
FVXX22 KNES 152037 WSI UKS:152040
VA ADVISORY

DTG: 20171215/2037Z

VAAC: WASHINGTON

VOLCANO: REVENTADOR 352010

PSN: S0004 W07739

AREA: ECUADOR

SUMMIT ELEV: 11686 FT (3562 M)

ADVISORY NR: 2017/775

INFO SOURCE: GOES-EAST.

ERUPTION DETAILS: VA HAS DISP.

OBS VA DTG: 15/2015Z

OBS VA CLD: VA NOT IDENTIFIABLE FROM SATELLITE
DATA.

FCST VA CLD +6HR: NO VA EXP

FCST VA CLD +12HR: NO VA EXP

FCST VA CLD +18HR: NO VA EXP

RMK: VA HAS DISP. NO FURTHER EM OBS. ...ZHU

NXT ADVISORY: NO FURTHER ADVISORIES
12152037-12160237

Advisory ID: 011

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Sat Dec 16 02:23:00 UTC 2017

Advisory Effective End Time: Sun Dec 17 00:00:00 UTC 2017

Advisory Text: ATCSCC ADVZY 011 DCC 12/16/17 FCA RQD

NAME: FCAMUN:MMUN_ROUTES

CONSTRAINED AREA: ZHU

REASON: VOLUME

INCLUDE TRAFFIC: UNKN DEPARTURES TO MMUN

FACILITIES INCLUDED: ALL + CANADA

FLIGHT STATUS: ALL_FLIGHTS

VALID: FCA ENTRY TIME FROM 161500 TO 170000

PROBABILITY OF EXTENSION: NONE

REMARKS: SEE DYNAMIC LIST FOR UPDATES. **NOTE: THERE ARE MULTIPLE ROUTE OPTIONS. THESE ROUTES ARE REQUIRED FOR FLIGHTS DESTINED CANCUN THAT INTEND TO CROSS FCAMUN. PLEASE ENSURE ACFT ARE ON RQD ROUTE PRIOR TO ZHU BOUNDARY DUE TO NON RADAR PROCEDURES AND AUTOMATION WITH MERIDA ACC. ACFT FILING AROUND THE FCAMUN ARE EXEMPT**

ASSOCIATED RESTRICTIONS: 20 MIT REQUESTED

MODIFICATIONS: **L214 IS NOT AVAILABLE TO MMUN ARRIVALS SOUTH OF NUDIS. MMUN TRAFFIC VIA L214 AND M215 MUST FILE NUDIS M215 IGTOB A766 MUXOG CUN MMUN. A766 IS NOT AVAILABLE NORTH OF IGTOB WHEN FILING TO MMUN DUE TO SECTOR COMPLEXITY ISSUES IN ZMR.**

ROUTES:

ORIG DEST ROUTE

UNKN MMUN >TAY KNOT M215 PISAD UM215

NUDIS UM215 IGTOB A766

MUXOG VITAR CUN<

UNKN MMUN >PLYER KNOT M215 PISAD

UM215 NUDIS UM215 IGTOB

A766 MUXOG VITAR CUN<

UNKN MMUN >LEV L214 IRDOV UL214 NUDIS

UM215 IGTOB A766 MUXOG

VITAR CUN<

UNKN MMUN >SBI L208 DUTNA UL208 URTEL

MOBAN CUN<

UNKN MMUN >VUH L207 IPSEV UL207 LERIL

MOBAN CUN<

UNKN MMUN >BRO ABBOT UT11 CUN<

UNKN MMUN >MARCI M580 MINOW M215

PISAD UM215 NUDIS UM215

IGTOB A766 MUXOG VITAR CUN<

UNKN MMUN >PIE KARTR FIS CANOA VINKA

NOSAT CUN<

UNKN MMUN >ILM AR17 VKZ MTH B646

CANOA VINKA NOSAT CUN<

TMI ID: RRDCC011

160223-170000

17/12/16 02:23 DCCOPS.lxstn21

Advisory ID: 014

Affected Location: None

Reporting ARTCC: DCC
Advisory Effective Start Time: Sat Dec 16 02:41:00 UTC 2017
Advisory Effective End Time: Sun Dec 17 00:00:00 UTC 2017
Advisory Text: ATCSCC ADVZY 014 DCC 12/16/17 FCA RQD
NAME: FCAMUN:MMUN_ROUTES
CONSTRAINED AREA: ZHU
REASON: VOLUME
INCLUDE TRAFFIC: UNKN DEPARTURES TO MMUN
FACILITIES INCLUDED: ALL + CANADA
FLIGHT STATUS: ALL_FLIGHTS
VALID: FCA ENTRY TIME FROM 161500 TO 170000
PROBABILITY OF EXTENSION: NONE
REMARKS: **REPLACES ADVZY 011**

SEE DYNAMIC LIST FOR UPDATES.

NOTE: THERE ARE MULTIPLE ROUTE OPTIONS. THESE ROUTES ARE REQUIRED FOR FLIGHTS DESTINED CANCUN THAT INTEND TO CROSS FCAMUN. PLEASE ENSURE ACFT ARE ON RQD ROUTE PRIOR TO ZHU BOUNDARY DUE TO NON RADAR PROCEDURES AND AUTOMATION WITH MERIDA ACC. ACFT FILING AROUND THE FCAMUN ARE EXEMPT
ASSOCIATED RESTRICTIONS: 20 MIT REQUESTED
MODIFICATIONS: **AMENDED NOTES**

L214 IS NOT AVAILABLE TO MMUN ARRIVALS SOUTH OF NUDIS. MMUN TRAFFIC VIA L214 AND M215 MUST FILE NUDIS M215 IGT0B A766 MUXOG VITAR CUN MMUN. A766 IS NOT AVAILABLE NORTH OF IGT0B WHEN FILING TO MMUN DUE TO SECTOR COMPLEXITY ISSUES IN ZMR.
ROUTES:

ORIG DEST ROUTE

UNKN MMUN >TAY KNOT M215 PISAD UM215
NUDIS UM215 IGT0B A766
MUXOG VITAR CUN<
UNKN MMUN >PLYER KNOT M215 PISAD
UM215 NUDIS UM215 IGT0B
A766 MUXOG VITAR CUN<
UNKN MMUN >LEV L214 IRDOV UL214 NUDIS
UM215 IGT0B A766 MUXOG
VITAR CUN<
UNKN MMUN >SBI L208 DUTNA UL208 URTEL
MOBAN CUN<
UNKN MMUN >VUH L207 IPSEV UL207 LERIL
MOBAN CUN<
UNKN MMUN >BRO ABBOT UT11 CUN<

UNKN MMUN >MARCI M580 MINOW M215
PISAD UM215 NUDIS UM215
IGTOB A766 MUXOG VITAR CUN<
UNKN MMUN >PIE KARTR FIS CANOA VINKA
NOSAT CUN<
UNKN MMUN >ILM AR17 VKZ MTH B646
CANOA VINKA NOSAT CUN<

TMI ID: RRDCC011
160241-170000
17/12/16 02:41 DCCOPS.lxstn21

Advisory ID: 023
Affected Location: None
Reporting ARTCC: DCC
Advisory Effective Start Time: Sat Dec 16 05:45:00 UTC 2017
Advisory Effective End Time: Sun Dec 17 12:16:00 UTC 2017
Advisory Text: ATCSCC ADVZY 023 DCC 12/16/2017 VOLCANIC ACTIVITY BULLETIN -
FUEGO
342090
FVXX21 KNES 160541 WSI UKS:160548
VA ADVISORY
DTG: 20171216/0541Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090
PSN: N1428 W09052

AREA: GUATEMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/361

INFO SOURCE: GOES-EAST. 557TH WW.

ERUPTION DETAILS: VA EMS OBS

OBS VA DTG: 16/0515Z

OBS VA CLD: SFC/FL180 N1511 W09150 - N1429 W09052
- N1427 W09053 - N1437 W09205 - N1511 W09150 MOV
NW 20-25KT

FCST VA CLD +6HR: 16/1130Z SFC/FL180 N1514 W09144
- N1431 W09052 - N1428 W09053 - N1442 W09207 -
N1514 W09144

FCST VA CLD +12HR: 16/1730Z SFC/FL180 N1517
W09137 - N1431 W09053 - N1428 W09054 - N1446
W09208 - N1517 W09137

FCST VA CLD +18HR: 16/2330Z SFC/FL180 N1517
W09132 - N1430 W09051 - N1429 W09052 - N1450
W09207 - N1517 W09132

RMK: NEW VA EMS OBS MOV NW IN STLT IMAGERY. NWP
GUIDANCE SUGGEST CONT MOV NW THROUGHOUT +18.
...FISHER

NXT ADVISORY: WILL BE ISSUED BY 20171216/1145Z
1712160545-1712161145

Advisory ID: 022
Affected Location: None
Reporting ARTCC: DCC
Advisory Effective Start Time: Sat Dec 16 05:45:00 UTC 2017
Advisory Effective End Time: Sun Dec 17 12:16:00 UTC 2017
Advisory Text: ATCSCC ADVZY 022 DCC 12/16/2017 VOLCANIC ACTIVITY BULLETIN -
FUEGO
342090
FVXX21 KNES 160541 WSI DDS:160543
VA ADVISORY
DTG: 20171216/0541Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090
PSN: N1428 W09052

AREA: GUATEMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/361

INFO SOURCE: GOES-EAST. 557TH WW.

ERUPTION DETAILS: VA EMS OBS

OBS VA DTG: 16/0515Z

OBS VA CLD: SFC/FL180 N1511 W09150 - N1429 W09052
- N1427 W09053 - N1437 W09205 - N1511 W09150 MOV
NW 20-25KT

FCST VA CLD +6HR: 16/1130Z SFC/FL180 N1514 W09144
- N1431 W09052 - N1428 W09053 - N1442 W09207 -
N1514 W09144

FCST VA CLD +12HR: 16/1730Z SFC/FL180 N1517
W09137 - N1431 W09053 - N1428 W09054 - N1446
W09208 - N1517 W09137

FCST VA CLD +18HR: 16/2330Z SFC/FL180 N1517
W09132 - N1430 W09051 - N1429 W09052 - N1450
W09207 - N1517 W09132

RMK: NEW VA EMS OBS MOV NW IN STLT IMAGERY. NWP
GUIDANCE SUGGEST CONT MOV NW THROUGHOUT +18.
...FISHER

NXT ADVISORY: WILL BE ISSUED BY 20171216/1145Z
1712160545-1712161145

Advisory ID: 032

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Sat Dec 16 12:11:00 UTC 2017

Advisory Effective End Time: Sun Dec 17 04:30:00 UTC 2017

Advisory Text: ATCSCC ADVZY 032 DCC 12/16/2017 TCA/HOTLINE ISSUE REQUEST
PAGE ACTIVATION

EVENT TIME: 16/1210 - 17/0400

THE TCA/HOTLINE ISSUE REQUEST PAGE IS NOW OPEN. WEB PAGE
USERS SHOULD SEND THEIR REQUEST MESSAGES TO THE PAGE FOR
RESOLUTION.

PLEASE ENSURE ADEQUATE INFORMATION IS PROVIDED IN REQUESTS
SUCH AS CATEGORY OF ISSUE, CALL SIGN, POSITION OF FLIGHT,
TYPE OF ASSISTANCE REQUESTED, ETC TO ELIMINATE ANY
MISINTERPRETATION.

161211-170430

17/12/16 12:11 DCCOPS.lxstn24

Advisory ID: 031

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Sat Dec 16 12:15:00 UTC 2017
Advisory Effective End Time: Sun Dec 17 02:15:00 UTC 2017
Advisory Text: ATCSCC ADVZY 031 DCC 12/16/2017 NOCC SCHEDULED FACILITY
OUTAGES
EVENT TIME: 16/1215 - 17/0215
NOCC 12/16/17 SCHEDULED FACILITY OUTAGES.

HONOLULU, HI (HNL) RWY 08L (HNL) LOC/GS 17/0100-1600Z.

IF THERE ARE ANY QUESTIONS PLEASE CONTACT THE NOCC AT (540) 359-3110
161215-170215
161157-170215
17/12/16 11:57 DCCOPS2.lxstn41

Advisory ID: 033
Affected Location: None
Reporting ARTCC: DCC
Advisory Effective Start Time: Sat Dec 16 12:25:00 UTC 2017
Advisory Effective End Time: Sun Dec 17 12:16:00 UTC 2017
Advisory Text: ATCSCC ADVZY 033 DCC 12/16/2017 VOLCANIC ACTIVITY BULLETIN -
KLYUCHEVSKOY 300260
FVFE01 RJTD 161225 WSI UKS:161227
VA ADVISORY
DTG: 20171216/1225Z
VAAC: TOKYO
VOLCANO: KLYUCHEVSKOY 300260
PSN: N5603 E16039
AREA: RUSSIA
SUMMIT ELEV: 4754M
ADVISORY NR: 2017/394
INFO SOURCE: HIMAWARI-8
AVIATION COLOUR CODE: NIL
ERUPTION DETAILS: POSS ERUPTION OBS AT 20171216/1110Z FL170 EXTD E
OBS VA DTG: 16/1200Z
OBS VA CLD: SFC/FL170 N5606 E16038 - N5620 E16048 - N5612 E16112 -
N5603 E16104 - N5610 E16051 - N5604 E16042 MOV E 10KT
FCST VA CLD +6 HR: 16/1800Z SFC/FL180 N5750 E16144 - N5649 E16301 -
N5706 E16140 - N5649 E16103 - N5753 E16103
FCST VA CLD +12 HR: 17/0000Z SFC/FL180 N5853 E16257 - N5745 E16519 -
N5749 E16324 - N5843 E16210 - N5824 E16110 - N5844 E16051 - N5943
E16311
FCST VA CLD +18 HR: 17/0600Z SFC/FL170 N5950 E16530 - N5856 E16943 -

N5848 E16556 - N5901 E16214 - N6033 E16417 - N6104 E16603

RMK: NIL

NXT ADVISORY: 20171216/1800Z

1712161225-1712161800

Advisory ID: 036

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Sat Dec 16 12:42:00 UTC 2017

Advisory Effective End Time: Sun Dec 17 04:30:00 UTC 2017

Advisory Text: ATCSCC ADVZY 036 DCC 12/16/17 FCA RQD

NAME: FCAEWR:WIND_ROUTE_EWR

CONSTRAINED AREA: ZNY

REASON: VOLUME

INCLUDE TRAFFIC: MSP/ZAB/ZDV/ZFW/ZHU/ZKC/ZLA/ZLC/ZME/ZMP/ZOA/ZSE

DEPARTURES TO EWR

FACILITIES INCLUDED: ZAB/ZAU/ZDV/ZFW/ZHU/ZID/ZKC/ZLA/ZLC/ZME/ZMP/ZNY
/ZOA/ZOB/ZSE

FLIGHT STATUS: ALL_FLIGHTS

VALID: FCA ENTRY TIME FROM 161700 TO 170430

PROBABILITY OF EXTENSION: NONE

REMARKS: SEE DYNAMIC LIST FOR UPDATES.

ASSOCIATED RESTRICTIONS:

MODIFICATIONS:

ROUTES:

ORIG DEST ROUTE

MSP EWR >ODI KG78K KG72M EVOTE

NELLS KEEHO J584 SLT< FQM3

ZAB ZDV ZKC ZLA EWR >SPI VHP ROD DORET J584

ZLC ZMP ZOA ZSE SLT< FQM3

ZAB ZDV ZKC ZLA EWR >KK45G KI51M ROD DORET J584

ZLC ZMP ZOA ZSE SLT< FQM3

ZAB ZDV ZKC ZLA EWR >BUM VHP ROD DORET J584

ZLC ZMP ZOA ZSE SLT< FQM3

ZAB ZDV ZKC ZLA EWR >DSM EVOTE NELLS KEEHO J584

ZLC ZMP ZOA ZSE SLT< FQM3

ZAB ZDV ZKC ZLA EWR >PXV ROD DORET J584 SLT<

ZLC ZOA ZSE FQM3

ZAB ZDV ZLA ZLC EWR >GEP ODI KG78K KG72M EVOTE

ZOA ZSE NELLS KEEHO J584 SLT< FQM3

ZFW ZHU ZME EWR >MEM Q29 DORET J584 SLT<

FQM3

TMI ID: RRDCC036
161242-170430
17/12/16 12:42 DCCOPS.lxstn22

Advisory ID: 037
Affected Location: None
Reporting ARTCC: DCC
Advisory Effective Start Time: Sat Dec 16 12:43:00 UTC 2017
Advisory Effective End Time: Sun Dec 17 02:30:00 UTC 2017
Advisory Text: ATCSCC ADVZY 037 DCC 12/16/17 FCA RQD
NAME: FCAJFK:WIND_ROUTE_JFK
CONSTRAINED AREA: ZNY
REASON: VOLUME
INCLUDE TRAFFIC: MSP/ZAB/ZDV/ZFW/ZHU/ZKC/ZLA/ZLC/ZME/ZMP/ZOA/ZSE
DEPARTURES TO JFK
FACILITIES INCLUDED: ZAB/ZAU/ZDV/ZFW/ZHU/ZID/ZKC/ZLA/ZLC/ZME/ZMP/ZNY
/ZOA/ZOB/ZSE
FLIGHT STATUS: ALL_FLIGHTS
VALID: FCA ENTRY TIME FROM 161700 TO 170230
PROBABILITY OF EXTENSION: NONE
REMARKS: SEE DYNAMIC LIST FOR UPDATES.
ASSOCIATED RESTRICTIONS:
MODIFICATIONS:
ROUTES:

ORIG DEST ROUTE

MSP JFK MSP >DLL HASTE DAFLU J70
LVZ< LENDY6
ZAB ZDV ZKC ZLA JFK >SPI VHP ROD DJB JHW J70
ZLC ZMP ZOA ZSE LVZ< LENDY6
ZAB ZDV ZKC ZLA JFK >KK54K KI570 ROD DJB JHW
ZLC ZMP ZOA ZSE J70 LVZ< LENDY6
ZAB ZDV ZKC ZLA JFK >PXV ROD DJB JHW J70 LVZ<
ZLC ZOA ZSE LENDY6
ZAB ZDV ZLA ZLC JFK >FOD KG75M DAFLU J70 LVZ<
ZMP ZOA ZSE LENDY6
ZFW ZHU ZME JFK >MEM Q29 JHW J70 LVZ<
LENDY6
ZLC ZOA ZSE JFK >GEP DLL HASTE DAFLU J70
LVZ< LENDY6

TMI ID: RRDCC037
161243-170230
17/12/16 12:43 DCCOPS.lxstn22

Advisory ID: 039

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Sat Dec 16 13:45:00 UTC 2017

Advisory Effective End Time: Sun Dec 17 13:59:00 UTC 2017

Advisory Text: ATCSCC ADVZY 039 DCC 12/16/2017 CARIBBEAN OUTLOOK_FYI

EVENT TIME: 16/1345 - 17/1344

TERMINAL CONSTRAINTS:

NONE EXPECTED

ENROUTE CONSTRAINTS:

NONE EXPECTED

1. AFPs

UNTIL 1959Z -FCAHU5

UNTIL 2059Z -FCAHU7

2. ENROUTE TMI's

TMI's FOR TTZP DEPARTURES POSSIBLE AFTER 16Z

3. ROUTES

-MMUN_ROUTES

4. ANSPs

TAPA/TLPC - RAMP VOLUME/CONGESTION POSSIBLE DUE TO INCREASED
VOLUME RESULTING FROM THE HURRICANE SEASON.

NORMAL OPERATIONS, NO ISSUES.

TELCON PHONE NUMBER: (540) 359-3200 PIN 2316#

NEXT PLANNING TELCON: 17/1315Z.

161345-171359

17/12/16 13:45 DCCOPS.lxstn21

Advisory ID: 040

Affected Location: DCC

Reporting ARTCC: ZBW

Advisory Effective Start Time: Sat Dec 16 14:13:00 UTC 2017

Advisory Effective End Time: Sun Dec 17 05:00:00 UTC 2017

Advisory Text: ATCSCC ADVZY 040 DCC/ZBW 12/16/2017 NATOTS_RQD

EVENT TIME: 16/2100 - 17/0500

CONSTRAINED FACILITIES: ZBW

ZBW NORTH ATLANTIC ADVISORY FOR 12/16/17 2100Z - 12/17/17 0500Z

NOTE: CERTAIN TRACKS HAVE MORE THAN ONE OPTION. USERS MAY FILE
EITHER OR BE TACTICALLY REROUTED.

JFK NORTH ATLANTIC DEPARTURES MUST FILE THE FOLLOWING ROUTES TO
MINIMIZE DEPARTURE DELAYS:

TRACK P/ JFK..GREKI..JUDDS..MARTN..TAFFY.N559A.NEKO.NATP
TRACK Q/ JFK..GREKI..JUDDS..MARTN..TOPPS.N499A.RIKAL.NATQ
TRACK R/ JFK..GREKI..JUDDS..MARTN..EBONY.N439A.TUDEP.NATR
TRACK S/ JFK..MERIT..HFD..PUT..WITCH..ALLEX.N409A.UMESI.NATS
TRACK S/ JFK..BETTE..ACK..ALLEX.N409A.UMESI.NATS
TRACK T/ JFK..BETTE..ACK..TUSKY.N377A.ALLRY.NATT
TRACK U/ JFK..BETTE..ACK..BRADD.N319A.ELSIR.NATU
TRACK V/ JFK..HAPIE..YAHOO..KANNI.N253A.JOOPY.NATV
TRACK W/ JFK..SHIPP..JETZZ..BLUUU..DUMPR..ISLES..DOVEY.NATW
TRACK X/ JFK..SHIPP..JETZZ..BLUUU..DUMPR..ISLES..JOB OC.NATX
TRACK Y/ JFK..SHIPP..JETZZ..BLUUU..DUMPR..ISLES..SLATN.NATY

EWR DEPARTURES MUST FILE:

TRACK P/ EWR..GREKI..JUDDS..MARTN..TAFFY
TRACK Q/ EWR..GREKI..JUDDS..MARTN..TOPPS
TRACK R/ EWR..GREKI..JUDDS..MARTN..EBONY
TRACK S/ EWR..MERIT..HFD..PUT..WITCH..ALLEX
TRACK T/ EWR..MERIT..HFD..PUT..BOS..TUSKY
TRACK U/ EWR..MERIT..HFD..PUT..BOS..BRADD
TRACK V/ EWR..MERIT..HFD..PUT..BOS..KANNI
TRACK W/
EWR..ELVAE..COL..DIXIE..PREPI..UNYAD..OWENZ..POPPN..ISLES..DOVEY
TRACK X/
EWR..ELVAE..COL..DIXIE..PREPI..UNYAD..OWENZ..POPPN..ISLES..JOB OC
TRACK Y/
EWR..ELVAE..COL..DIXIE..PREPI..UNYAD..OWENZ..POPPN..ISLES..SLATN

PHL DEPARTURES MUST FILE:

TRACK P/ PHL..DITCH.J225.JFK..PUT..TAFFY
TRACK Q/ PHL..DITCH.J225.JFK..PUT..TOPPS
TRACK R/ PHL..DITCH.J225.JFK..PUT..EBONY

TRACK S/ PHL..DITCH.J225.JFK..PUT..WITCH..ALLEX
TRACK T/ PHL..DITCH.V312.JIMEE..WAVEY..SHLEP..ACK..TUSKY
TRACK U/ PHL..DITCH.V312.JIMEE..WAVEY..SHLEP..ACK..BRADD
TRACK V/ PHL..DITCH.V312.JIMEE..WAVEY..SHLEP..YAHOO..KANNI
TRACK W/ PHL..OOD..TEBEE..HAYDO..SIE.B24.LYNUS..DOVEY
TRACK X/ PHL..OOD..TEBEE..HAYDO..SIE.B24.LYNUS..JOB OC
TRACK Y/ PHL..OOD..TEBEE..HAYDO..SIE.B24.LYNUS..SLATN

DC METRO DEPARTURES MUST FILE:

TRACK P/ SWANN..BROSS.J42.RBV..LLUND..BAYYS..PUT..TAFFY
TRACK Q/ SWANN..BROSS.J42.RBV..LLUND..BAYYS..PUT..TOPPS
TRACK R/ SWANN..BROSS.J42.RBV..LLUND..BAYYS..PUT..EBONY
TRACK S/ SWANN..BROSS.J42.RBV..LLUND..BAYYS..PUT..WITCH..ALLEX
TRACK T/ AGARD..SIE.J121.SHLEP..ACK..TUSKY
TRACK T/ SWANN..BROSS.J42.RBV..ACK..TUSKY
TRACK U/ AGARD..SIE.J121.SHLEP..ACK..BRADD
TRACK U/ SWANN..BROSS.J42.RBV..ACK..BRADD
TRACK V/ AGARD..SIE.J121.SHLEP..YAHOO..KANNI
TRACK V/ SWANN..BROSS.J42.RBV..YAHOO..KANNI
TRACK W/ AGARD..SIE.B24.LYNUS..LARGE..DOVEY
TRACK X/ AGARD..SIE.B24.LYNUS..LARGE..JOB OC
TRACK Y/ AGARD..SIE.B24.LYNUS..LARGE..SLATN
*****FOREIGN AIR CARRIERS DEPARTING IAD MUST FILE:*****
VIA JCOBY3.AGARD OR JCOBY3.SWANN
*****THEN JOIN ROUTES ABOVE*****

ZBW OVERFLIGHTS MUST FILE:

TRACK P/ RBV..LLUND..BAYYS..PUT..TAFFY

TRACK Q/ RBV..LLUND..BAYYS..PUT..TOPPS
TRACK R/ RBV..LLUND..BAYYS..PUT..EBONY
TRACK S/ RBV..LLUND..BAYYS..PUT..WITCH..ALLEX
TRACK T/ J174.RIFLE..ACK..TUSKY
TRACK T/ RBV.J62.ACK..TUSKY
TRACK U/ J174.RIFLE..ACK..BRADD
TRACK U/ RBV.J62.ACK..BRADD
TRACK V/ RBV..RIFLE..YAHOO..KANNI
TRACK V/ J174.RIFLE..YAHOO..KANNI
TRACK W/ ORF.AR9.ZIBUT..LARGE..DOVEY
TRACK X/ ORF.AR9.ZIBUT..LARGE..JOB OC
TRACK Y/ ORF.AR9.ZIBUT..LARGE..SLATN

***NOTE: ZBW OVERFLIGHTS VIA TRACKS P/ THRU S/ MAY FILE ANYWHERE
WEST OF A LINE RBV..LLUND..BAYYS***

AIRCRAFT FLYING M201-M204 SHOULD EXPECT
NO HIGHER THAN FL310 (UNLESS JOINING A
TRACK) IN ZNY AIRSPACE DUE TO VOLUME

ZBW TMU 603-879-6666, ZNY TMU 631-468-1386, ZDC TMU 703-771-3504

161413-170500
17/12/16 14:13 DCCOPS.lxstn32

Advisory ID: 043
Affected Location: None
Reporting ARTCC: DCC
Advisory Effective Start Time: Sat Dec 16 15:40:00 UTC 2017
Advisory Effective End Time: Sun Dec 17 12:16:00 UTC 2017
Advisory Text: ATCSCC ADVZY 043 DCC 12/16/2017 VOLCANIC ACTIVITY BULLETIN -
REVENTADOR 352010
FVXX22 KNES 161540 WSI UKS:161545
VA ADVISORY
DTG: 20171216/1540Z

VAAC: WASHINGTON

VOLCANO: REVENTADOR 352010
PSN: S0005 W07739

AREA: ECUADOR

SUMMIT ELEV: 11686 FT (3562 M)

ADVISORY NR: 2017/778

INFO SOURCE: GOES-EAST. NWP MODELS. CIMSS VOLCAT.
VOLCANO WEB CAMERA.

ERUPTION DETAILS: ONGOING VA EM

OBS VA DTG: 16/1515Z

OBS VA CLD: SFC/FL160 N0022 W07825 - S0002 W07740
- S0005 W07740 - S0006 W07825 - N0022 W07825 MOV

NW 10-15KT

FCST VA CLD +6HR: 16/2130Z SFC/FL160 N0016 W07825
- S0002 W07740 - S0005 W07740 - S0008 W07825 -
N0016 W07825

FCST VA CLD +12HR: 17/0330Z SFC/FL160 N0013
W07824 - S0002 W07740 - S0005 W07739 - S0010
W07825 - N0013 W07824

FCST VA CLD +18HR: 17/0930Z SFC/FL160 N0013
W07824 - S0003 W07738 - S0005 W07738 - S0010
W07824 - N0013 W07824

RMK: VA SEEN IN STLT IMAGERY MOV NW WITH LGT VA
MOV W-WNW TO ARND FL160. NWP MODEL GUIDANCE
SHOWS A GRADUAL MOV TWD MORE W-LY THROUGH T+18
HRS. ...KIBLER

NXT ADVISORY: WILL BE ISSUED BY 20171216/2145Z
1712161540-1712162140

Advisory ID: 042

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Sat Dec 16 15:40:00 UTC 2017

Advisory Effective End Time: Sun Dec 17 12:16:00 UTC 2017

Advisory Text: ATCSCC ADVZY 042 DCC 12/16/2017 VOLCANIC ACTIVITY BULLETIN -
REVENTADOR 352010

FVXX22 KNES 161540 WSI DDS:161542

VA ADVISORY

DTG: 20171216/1540Z

VAAC: WASHINGTON

VOLCANO: REVENTADOR 352010

PSN: S0005 W07739

AREA: ECUADOR

SUMMIT ELEV: 11686 FT (3562 M)

ADVISORY NR: 2017/778

INFO SOURCE: GOES-EAST. NWP MODELS. CIMSS VOLCAT.
VOLCANO WEB CAMERA.

ERUPTION DETAILS: ONGOING VA EM

OBS VA DTG: 16/1515Z

OBS VA CLD: SFC/FL160 N0022 W07825 - S0002 W07740
- S0005 W07740 - S0006 W07825 - N0022 W07825 MOV
NW 10-15KT

FCST VA CLD +6HR: 16/2130Z SFC/FL160 N0016 W07825
- S0002 W07740 - S0005 W07740 - S0008 W07825 -
N0016 W07825

FCST VA CLD +12HR: 17/0330Z SFC/FL160 N0013
W07824 - S0002 W07740 - S0005 W07739 - S0010
W07825 - N0013 W07824

FCST VA CLD +18HR: 17/0930Z SFC/FL160 N0013
W07824 - S0003 W07738 - S0005 W07738 - S0010
W07824 - N0013 W07824

RMK: VA SEEN IN STLT IMAGERY MOV NW WITH LGT VA
MOV W-WNW TO ARND FL160. NWP MODEL GUIDANCE
SHOWS A GRADUAL MOV TWD MORE W-LY THROUGH T+18
HRS. ...KIBLER

NXT ADVISORY: WILL BE ISSUED BY 20171216/2145Z
1712161540-1712162140

Advisory ID: 046

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Sat Dec 16 17:30:00 UTC 2017

Advisory Effective End Time: Sun Dec 17 12:16:00 UTC 2017

Advisory Text: ATCSCC ADVZY 046 DCC 12/16/2017 VOLCANIC ACTIVITY BULLETIN -
FUEGO
342090

FVXX21 KNES 161730 WSI DDS:161724

VA ADVISORY

DTG: 20171216/1730Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090

PSN: N1428 W09052

AREA: GUATAMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/365

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: CONT VA OBS IN STLT IMAGERY

OBS VA DTG: 16/1626Z

OBS VA CLD: SFC/FL160 N14444 W09154 -N1430 W09053 - N1428 W09053 -
N1411
W09154 - N1444 W09154 MOV W 15-20KT.

FCST VA CLD +6HR: 16/2300Z SFC/FL160 N1452 W09152 - N1431 W09053 -
N1428
W09052 - N1420 W09156 - N1452 W09152.

FCST VA CLD +12HR: 17/0500Z SFC/FL160 N1452 W09152 - N1431 W09053 -
N1428 W09052 - N1420 W09156 - N1452 W09152.

FCST VA CLD +18HR: 17/1100Z SFC/FL160 N1452 W09152 - N1431 W09053 -
N1428 W09052 - N1420 W09156 - N1452 W09152.

RMK: 557 WW FOR WASHINGTON VAAC. ERUPTION OBSERVED ON WEB CAM AT
16/1645Z LASTING FOR 10 MINUTES MOV W. ...MARTINEZ

NXT ADVISORY: WILL BE ISSUED BY 20171216/2330Z.
1712161730-1712162330

Advisory ID: 047

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Sat Dec 16 17:30:00 UTC 2017

Advisory Effective End Time: Sun Dec 17 12:16:00 UTC 2017

Advisory Text: ATCSCC ADVZY 047 DCC 12/16/2017 VOLCANIC ACTIVITY BULLETIN -
FUEGO

342090

FVXX21 KNES 161730 WSI UKS:161726

VA ADVISORY

DTG: 20171216/1730Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090

PSN: N1428 W09052

AREA: GUATAMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/365

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: CONT VA OBS IN STLT IMAGERY

OBS VA DTG: 16/1626Z

OBS VA CLD: SFC/FL160 N14444 W09154 - N1430 W09053 - N1428 W09053 - N1411

W09154 - N1444 W09154 MOV W 15-20KT.

FCST VA CLD +6HR: 16/2300Z SFC/FL160 N1452 W09152 - N1431 W09053 - N1428

W09052 - N1420 W09156 - N1452 W09152.

FCST VA CLD +12HR: 17/0500Z SFC/FL160 N1452 W09152 - N1431 W09053 - N1428 W09052 - N1420 W09156 - N1452 W09152.

FCST VA CLD +18HR: 17/1100Z SFC/FL160 N1452 W09152 - N1431 W09053 - N1428 W09052 - N1420 W09156 - N1452 W09152.

RMK: 557 WW FOR WASHINGTON VAAC. ERUPTION OBSERVED ON WEB CAM AT 16/1645Z LASTING FOR 10 MINUTES MOV W. ...MARTINEZ

NXT ADVISORY: WILL BE ISSUED BY 20171216/2330Z.

1712161730-1712162330

Advisory ID: 051

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Sat Dec 16 20:27:00 UTC 2017

Advisory Effective End Time: Sat Dec 16 22:59:00 UTC 2017

Advisory Text: ATCSCC ADVZY 051 DCC 12/16/2017 OPERATIONS PLAN

EVENT TIME: 16/2100 - AND LATER

TERMINAL CONSTRAINTS:

NYMETS/BOS/SFO-WIND

ENROUTE CONSTRAINTS:

NONE

SFO WIND STILL MANAGEABLE ON A WEST CONFIG, HOWEVER WILL CONTINUE TO HOLD REFERENCE FOR POSSIBLE INITIATIVE AS THE TAF CONTINUES TO SHOW GUSTY WINDS FOR REST OF THE DAY. ZHU AFPS PURGED, NO ENROUTE VOL CONCERNS FOR REST OF THE DAY.

1. ZOA

AFTER 2100 -SFO GROUND STOP/DELAY PROGRAM POSSIBLE

2. ROUTES

UNTIL 0230 -FCAJFK:WIND ROUTES JFK

UNTIL 0430 -FCAEWR:WIND ROUTE EWR

UNTIL 0000 -FCAMUN:MMUN_ROUTE

NEXT PLANNING WEBINAR: 2215Z

162027-162259

17/12/16 20:27 DCCOPS.lxstn35

Advisory ID: 053

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Sat Dec 16 21:19:00 UTC 2017

Advisory Effective End Time: Sun Dec 17 12:17:00 UTC 2017

Advisory Text: ATCSCC ADVZY 053 DCC 12/16/2017 VOLCANIC ACTIVITY BULLETIN - FUEGO

342090

FVXX21 KNES 162119 WSI UKS:162123

VA ADVISORY

DTG: 20171216/2119Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090

PSN: N1428 W09052

AREA: GUATEMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/366

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: OCNL EM

OBS VA DTG: 16/2045Z

OBS VA CLD: SFC/FL140 N1434 W09059 - N1430 W09052
- N1426 W09052 - N1431 W09102 - N1431 W09101 -
N1431 W09101 - N1434 W09059 MOV NW 25-30KT

FCST VA CLD +6HR: 17/0300Z SFC/FL140 N1437 W09059
- N1430 W09050 - N1427 W09053 - N1434 W09102 -
N1437 W09059

FCST VA CLD +12HR: 17/0900Z SFC/FL140 N1438
W09059 - N1430 W09050 - N1426 W09054 - N1434
W09104 - N1438 W09059

FCST VA CLD +18HR: 17/1500Z SFC/FL140 N1439
W09059 - N1430 W09050 - N1426 W09053 - N1434
W09104 - N1439 W09059

RMK: VA EXTD 10 NM TO NW. LTLCG FCST OVR NXT 18
HRS. ...ZHU

NXT ADVISORY: WILL BE ISSUED BY 20171217/0315Z
1712162119-1712170315

Advisory ID: 052

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Sat Dec 16 21:19:00 UTC 2017

Advisory Effective End Time: Sun Dec 17 12:17:00 UTC 2017

Advisory Text: ATCSCC ADVZY 052 DCC 12/16/2017 VOLCANIC ACTIVITY BULLETIN -
FUEGO

342090

FVXX21 KNES 162119 WSI DDS:162121

VA ADVISORY

DTG: 20171216/2119Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090

PSN: N1428 W09052

AREA: GUATEMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/366

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: OCNL EM

OBS VA DTG: 16/2045Z

OBS VA CLD: SFC/FL140 N1434 W09059 - N1430 W09052
- N1426 W09052 - N1431 W09102 - N1431 W09101 -
N1431 W09101 - N1434 W09059 MOV NW 25-30KT

FCST VA CLD +6HR: 17/0300Z SFC/FL140 N1437 W09059
- N1430 W09050 - N1427 W09053 - N1434 W09102 -
N1437 W09059

FCST VA CLD +12HR: 17/0900Z SFC/FL140 N1438
W09059 - N1430 W09050 - N1426 W09054 - N1434
W09104 - N1438 W09059

FCST VA CLD +18HR: 17/1500Z SFC/FL140 N1439
W09059 - N1430 W09050 - N1426 W09053 - N1434
W09104 - N1439 W09059

RMK: VA EXTD 10 NM TO NW. LTLCG FCST OVR NXT 18
HRS. ...ZHU

NXT ADVISORY: WILL BE ISSUED BY 20171217/0315Z
1712162119-1712170315

Advisory ID: 054

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Sat Dec 16 21:32:00 UTC 2017

Advisory Effective End Time: Sun Dec 17 12:17:00 UTC 2017

Advisory Text: ATCSCC ADVZY 054 DCC 12/16/2017 VOLCANIC ACTIVITY BULLETIN -
REVENTADOR 352010

FVXX22 KNES 162132 WSI DDS:162133

VA ADVISORY

DTG: 20171216/2132Z

VAAC: WASHINGTON

VOLCANO: REVENTADOR 352010

PSN: S0005 W07739

AREA: ECUADOR

SUMMIT ELEV: 11686 FT (3562 M)

ADVISORY NR: 2017/779

INFO SOURCE: GOES-EAST.

ERUPTION DETAILS: OCNL EM

OBS VA DTG: 16/2115Z

OBS VA CLD: VA NOT IDENTIFIABLE FROM SATELLITE
DATA.

FCST VA CLD +6HR: NO VA EXP

FCST VA CLD +12HR: NO VA EXP

FCST VA CLD +18HR: NO VA EXP

RMK: VA HAS DISP. ...ZHU

NXT ADVISORY: NO FURTHER ADVISORIES

1712162132-1712170332

NHC Bulletins

None

Volcanic Ash Advisory

Advisory ID: 018

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Fri Dec 15 06:51:00 UTC 2017

Advisory Effective End Time: Sun Dec 17 12:15:00 UTC 2017

Advisory Text: ATCSCC ADVZY 018 DCC 12/15/2017 VOLCANIC ACTIVITY BULLETIN -
FUEGO

342090

FVXX21 KNES 150651 WSI UKS:150653

VA ADVISORY

DTG: 20171215/0651Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090

PSN: N1428 W09052

AREA: GUATEMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/356

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: CONT VA EMS OBS IN STLT IMAGERY

OBS VA DTG: 15/0615Z

OBS VA CLD: SFC/FL180 N1501 W09147 - N1431 W09053
- N1429 W09053 - N1429 W09152 - N1501 W09147 MOV
NW 0-5KT

FCST VA CLD +6HR: 15/1230Z SFC/FL180 N1502 W09145
- N1430 W09052 - N1429 W09053 - N1431 W09153 -
N1502 W09145

FCST VA CLD +12HR: 15/1830Z SFC/FL180 N1500
W09150 - N1430 W09052 - N1429 W09052 - N1426
W09152 - N1500 W09150

FCST VA CLD +18HR: 16/0030Z SFC/FL180 N1500
W09152 - N1431 W09052 - N1429 W09052 - N1424
W09153 - N1500 W09152

RMK: CONT VA EMS OBS MOV NW IN STLT IMAGERY. NWP
GUIDANCE SUGGESTS CONT MOV NW THROUGH +18
...FISHER

NXT ADVISORY: WILL BE ISSUED BY 20171215/1245Z
1712150651-1712151245

Advisory ID: 017

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Fri Dec 15 06:51:00 UTC 2017

Advisory Effective End Time: Sun Dec 17 12:15:00 UTC 2017

Advisory Text: ATCSCC ADVZY 017 DCC 12/15/2017 VOLCANIC ACTIVITY BULLETIN -
FUEGO
342090

FVXX21 KNES 150651 WSI DDS:150652

VA ADVISORY

DTG: 20171215/0651Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090
PSN: N1428 W09052

AREA: GUATEMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/356

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: CONT VA EMS OBS IN STLT IMAGERY

OBS VA DTG: 15/0615Z

OBS VA CLD: SFC/FL180 N1501 W09147 - N1431 W09053
- N1429 W09053 - N1429 W09152 - N1501 W09147 MOV
NW 0-5KT

FCST VA CLD +6HR: 15/1230Z SFC/FL180 N1502 W09145
- N1430 W09052 - N1429 W09053 - N1431 W09153 -
N1502 W09145

FCST VA CLD +12HR: 15/1830Z SFC/FL180 N1500
W09150 - N1430 W09052 - N1429 W09052 - N1426
W09152 - N1500 W09150

FCST VA CLD +18HR: 16/0030Z SFC/FL180 N1500
W09152 - N1431 W09052 - N1429 W09052 - N1424
W09153 - N1500 W09152

RMK: CONT VA EMS OBS MOV NW IN STLT IMAGERY. NWP
GUIDANCE SUGGESTS CONT MOV NW THROUGH +18
...FISHER

NXT ADVISORY: WILL BE ISSUED BY 20171215/1245Z
1712150651-1712151245

Advisory ID: 019

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Fri Dec 15 08:48:00 UTC 2017

Advisory Effective End Time: Sun Dec 17 12:15:00 UTC 2017

Advisory Text: ATCSCC ADVZY 019 DCC 12/15/2017 VOLCANIC ACTIVITY BULLETIN -
REVENTADOR 352010

FVXX22 KNES 150848 WSI DDS:150850

VA ADVISORY
DTG: 20171215/0848Z

VAAC: WASHINGTON

VOLCANO: REVENTADOR 352010
PSN: S0004 W07739

AREA: ECUADOR

SUMMIT ELEV: 11686 FT (3562 M)

ADVISORY NR: 2017/773

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: CONT VA EMS

OBS VA DTG: 15/0815Z

OBS VA CLD: SFC/FL150 N0019 W07822 - S0003 W07740
- S0004 W07740 - S0022 W07822 - N0019 W07822 MOV
W 10KT

FCST VA CLD +6HR: 15/1430Z SFC/FL150 N0015 W07823
- S0004 W07738 - S0004 W07740 - S0024 W07824 -
N0015 W07823

FCST VA CLD +12HR: 15/2030Z SFC/FL150 N0017
W07823 - S0003 W07740 - S0005 W07740 - S0024
W07822 - N0017 W07823

FCST VA CLD +18HR: 16/0230Z SFC/FL150 N0018
W07823 - S0002 W07738 - S0005 W07738 - S0023
W07823 - N0018 W07823

RMK: CONT VA EMS OBS MOV W IN STLT IMAGERY. NWP
GUIDANCE SUGGEST CONT MOV W THROUGH +18 ...FISHER

NXT ADVISORY: WILL BE ISSUED BY 20171215/1445Z
1712150848-1712151445

Advisory ID: 020
Affected Location: None
Reporting ARTCC: DCC
Advisory Effective Start Time: Fri Dec 15 08:48:00 UTC 2017

Advisory Effective End Time: Sun Dec 17 12:15:00 UTC 2017
Advisory Text: ATCSCC ADVZY 020 DCC 12/15/2017 VOLCANIC ACTIVITY BULLETIN -
REVENTADOR 352010
FVXX22 KNES 150848 WSI UKS:150853
VA ADVISORY
DTG: 20171215/0848Z

VAAC: WASHINGTON

VOLCANO: REVENTADOR 352010
PSN: S0004 W07739

AREA: ECUADOR

SUMMIT ELEV: 11686 FT (3562 M)

ADVISORY NR: 2017/773

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: CONT VA EMS

OBS VA DTG: 15/0815Z

OBS VA CLD: SFC/FL150 N0019 W07822 - S0003 W07740
- S0004 W07740 - S0022 W07822 - N0019 W07822 MOV
W 10KT

FCST VA CLD +6HR: 15/1430Z SFC/FL150 N0015 W07823
- S0004 W07738 - S0004 W07740 - S0024 W07824 -
N0015 W07823

FCST VA CLD +12HR: 15/2030Z SFC/FL150 N0017
W07823 - S0003 W07740 - S0005 W07740 - S0024
W07822 - N0017 W07823

FCST VA CLD +18HR: 16/0230Z SFC/FL150 N0018
W07823 - S0002 W07738 - S0005 W07738 - S0023
W07823 - N0018 W07823

RMK: CONT VA EMS OBS MOV W IN STLT IMAGERY. NWP
GUIDANCE SUGGEST CONT MOV W THROUGH +18 ...FISHER

NXT ADVISORY: WILL BE ISSUED BY 20171215/1445Z
1712150848-1712151445

Advisory ID: 022
Affected Location: None
Reporting ARTCC: DCC
Advisory Effective Start Time: Fri Dec 15 11:54:00 UTC 2017
Advisory Effective End Time: Sun Dec 17 12:15:00 UTC 2017
Advisory Text: ATCSCC ADVZY 022 DCC 12/15/2017 VOLCANIC ACTIVITY BULLETIN -
KARYMSKY
300130
FVFE01 RJTD 151150 WSI UKS:151151
VA ADVISORY
DTG: 20171215/1150Z
VAAC: TOKYO
VOLCANO: KARYMSKY 300130
PSN: N5403 E15927
AREA: RUSSIA
SUMMIT ELEV: 1513M
ADVISORY NR: 2017/134
INFO SOURCE: HIMAWARI-8
AVIATION COLOUR CODE: NIL
ERUPTION DETAILS: VA DISSIPATED ON SATELLITE IMAGERY
OBS VA DTG: 15/1120Z
OBS VA CLD: VA NOT IDENTIFIABLE FM SATELLITE DATA WIND FL180
240/10KT

FCST VA CLD +6 HR: NO VA EXP
FCST VA CLD +12 HR: NO VA EXP
FCST VA CLD +18 HR: NO VA EXP
RMK: NIL
NXT ADVISORY: NO FURTHER ADVISORIES
1712151154-1712151800

Advisory ID: 024
Affected Location: None
Reporting ARTCC: DCC
Advisory Effective Start Time: Fri Dec 15 12:23:00 UTC 2017
Advisory Effective End Time: Sun Dec 17 12:15:00 UTC 2017
Advisory Text: ATCSCC ADVZY 024 DCC 12/15/2017 VOLCANIC ACTIVITY BULLETIN -
FUEGO
342090
FVXX21 KNES 151219 WSI DDS:151220
VA ADVISORY
DTG: 20171215/1219Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090

PSN: N1428 W09052

AREA: GUATEMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/358

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: CONT VA EMS OBS IN STLT IMAGERY

OBS VA DTG: 15/1145Z

OBS VA CLD: SFC/FL180 N1547 W09159 - N1430 W09052
- N1428 W09053 - N1501 W09234 - N1547 W09159 MOV
NW 15-20KT

FCST VA CLD +6HR: 15/1800Z SFC/FL180 N1537 W09213
- N1430 W09052 - N1428 W09053 - N1436 W09236 -
N1537 W09213

FCST VA CLD +12HR: 16/0000Z SFC/FL180 N1539
W09211 - N1430 W09052 - N1428 W09053 - N1440
W09238 - N1539 W09211

FCST VA CLD +18HR: 16/0600Z SFC/FL180 N1538
W09213 - N1430 W09052 - N1428 W09053 - N1437
W09237 - N1538 W09213

RMK: CONT VA EMS OBS IN STLT IMAGERY. NWP
GUIDANCE SUGGEST CONT MOV NW THROUGH +18
...FISHER

NXT ADVISORY: WILL BE ISSUED BY 20171215/1815Z
1712151223-1712151815

Advisory ID: 025

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Fri Dec 15 12:25:00 UTC 2017

Advisory Effective End Time: Sun Dec 17 12:15:00 UTC 2017

Advisory Text: ATCSCC ADVZY 025 DCC 12/15/2017 VOLCANIC ACTIVITY BULLETIN -
FUEGO

342090

FVXX21 KNES 151219 WSI UKS:151222

VA ADVISORY
DTG: 20171215/1219Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090
PSN: N1428 W09052

AREA: GUATEMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/358

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: CONT VA EMS OBS IN STLT IMAGERY

OBS VA DTG: 15/1145Z

OBS VA CLD: SFC/FL180 N1547 W09159 - N1430 W09052
- N1428 W09053 - N1501 W09234 - N1547 W09159 MOV
NW 15-20KT

FCST VA CLD +6HR: 15/1800Z SFC/FL180 N1537 W09213
- N1430 W09052 - N1428 W09053 - N1436 W09236 -
N1537 W09213

FCST VA CLD +12HR: 16/0000Z SFC/FL180 N1539
W09211 - N1430 W09052 - N1428 W09053 - N1440
W09238 - N1539 W09211

FCST VA CLD +18HR: 16/0600Z SFC/FL180 N1538
W09213 - N1430 W09052 - N1428 W09053 - N1437
W09237 - N1538 W09213

RMK: CONT VA EMS OBS IN STLT IMAGERY. NWP
GUIDANCE SUGGEST CONT MOV NW THROUGH +18
...FISHER

NXT ADVISORY: WILL BE ISSUED BY 20171215/1815Z
1712151225-1712151815

Advisory ID: 038
Affected Location: None
Reporting ARTCC: DCC

Advisory Effective Start Time: Fri Dec 15 14:52:00 UTC 2017
Advisory Effective End Time: Wed Dec 20 17:12:00 UTC 2017
Advisory Text: ATCSCC ADVZY 038 DCC 12/15/2017 VOLCANIC ACTIVITY BULLETIN -
REVENTADOR 352010
FVXX22 KNES 151450 WSI DDS:151451
VA ADVISORY
DTG: 20171215/1450Z

VAAC: WASHINGTON

VOLCANO: REVENTADOR 352010
PSN: S0004 W07739

AREA: ECUADOR

SUMMIT ELEV: 11686 FT (3562 M)

ADVISORY NR: 2017/774

INFO SOURCE: GOES-EAST. NWP MODELS. GEOPHYSICAL
INST.

ERUPTION DETAILS: ONGOING EM

OBS VA DTG: 15/1415Z

OBS VA CLD: VA NOT IDENTIFIABLE FROM SATELLITE
DATA WINDS SFC/FL150 090/10KT

FCST VA CLD +6HR: 15/2030Z

FCST VA CLD +12HR: 16/0230Z

FCST VA CLD +18HR: 16/0830Z

RMK: VA NOT OBS IN STLT DUE TO CLOUDS.
GEOPHYSICAL INSTITUTE INDICATES EM CONTINUE.
...RUMINSKI

NXT ADVISORY: WILL BE ISSUED BY 20171215/2045Z

201712151452-201712152045

Advisory ID: 050
Affected Location: None
Reporting ARTCC: DCC

Advisory Effective Start Time: Fri Dec 15 18:00:00 UTC 2017
Advisory Effective End Time: Sun Dec 17 12:15:00 UTC 2017
Advisory Text: ATCSCC ADVZY 050 DCC 12/15/2017 VOLCANIC ACTIVITY BULLETIN -
FUEGO
342090
FVXX21 KNES 151800 WSI DDS:151801
VA ADVISORY
DTG: 20171215/1800Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090
PSN: N1428 W09052

AREA: GUATEMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/359

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: SEVERAL HOUR ERUPTION ENDING
AROUND 1600Z

OBS VA DTG: 15/1715Z

OBS VA CLD: SFC/FL180 N1610 W09234 - N1609 W09211
- N1440 W09113 - N1429 W09116 - N1456 W09200 -
N1610 W09234 MOV NW 15KT

FCST VA CLD +6HR: 15/2330Z SFC/FL180 NO ASH EXP

FCST VA CLD +12HR: 16/0530Z NO ASH EXP

FCST VA CLD +18HR: 16/1130Z NO ASH EXP

RMK: EM FROM THE VOLCANO ENDED AROUND 16Z.
LEADING EDGE OF REMNANT VA HAS MOV INTO EXTREME S
MEXICO. EXPECT ALL OF THE VA TO DISP IN NEXT
COUPLE OF HRS. ...RUMINSKI

NXT ADVISORY: WILL BE ISSUED BY 20171216/0000Z
1712151800-1712152359

Advisory ID: 051

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Fri Dec 15 18:00:00 UTC 2017

Advisory Effective End Time: Sun Dec 17 12:15:00 UTC 2017

Advisory Text: ATCSCC ADVZY 051 DCC 12/15/2017 VOLCANIC ACTIVITY BULLETIN - FUEGO

342090

FVXX21 KNES 151800 WSI UKS:151803

VA ADVISORY

DTG: 20171215/1800Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090

PSN: N1428 W09052

AREA: GUATEMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/359

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: SEVERAL HOUR ERUPTION ENDING AROUND 1600Z

OBS VA DTG: 15/1715Z

OBS VA CLD: SFC/FL180 N1610 W09234 - N1609 W09211
- N1440 W09113 - N1429 W09116 - N1456 W09200 -
N1610 W09234 MOV NW 15KT

FCST VA CLD +6HR: 15/2330Z SFC/FL180 NO ASH EXP

FCST VA CLD +12HR: 16/0530Z NO ASH EXP

FCST VA CLD +18HR: 16/1130Z NO ASH EXP

RMK: EM FROM THE VOLCANO ENDED AROUND 16Z.
LEADING EDGE OF REMNANT VA HAS MOV INTO EXTREME S
MEXICO. EXPECT ALL OF THE VA TO DISP IN NEXT
COUPLE OF HRS. ...RUMINSKI

NXT ADVISORY: WILL BE ISSUED BY 20171216/0000Z
1712151800-1712152359

Advisory ID: 056
Affected Location: None
Reporting ARTCC: DCC
Advisory Effective Start Time: Fri Dec 15 20:37:00 UTC 2017
Advisory Effective End Time: Fri Jan 12 16:02:00 UTC 2018
Advisory Text: ATCSCC ADVZY 056 DCC 12/15/2017 VOLCANIC ACTIVITY BULLETIN -
REVENTADOR 352010
FVXX22 KNES 152037 WSI DDS:152039
VA ADVISORY
DTG: 20171215/2037Z

VAAC: WASHINGTON

VOLCANO: REVENTADOR 352010
PSN: S0004 W07739

AREA: ECUADOR

SUMMIT ELEV: 11686 FT (3562 M)

ADVISORY NR: 2017/775

INFO SOURCE: GOES-EAST.

ERUPTION DETAILS: VA HAS DISP.

OBS VA DTG: 15/2015Z

OBS VA CLD: VA NOT IDENTIFIABLE FROM SATELLITE
DATA.

FCST VA CLD +6HR: NO VA EXP

FCST VA CLD +12HR: NO VA EXP

FCST VA CLD +18HR: NO VA EXP

RMK: VA HAS DISP. NO FURTHER EM OBS. ...ZHU

NXT ADVISORY: NO FURTHER ADVISORIES
12152037-12160237

Advisory ID: 057
Affected Location: None
Reporting ARTCC: DCC

Advisory Effective Start Time: Fri Dec 15 20:37:00 UTC 2017
Advisory Effective End Time: Fri Jan 12 16:02:00 UTC 2018
Advisory Text: ATCSCC ADVZY 057 DCC 12/15/2017 VOLCANIC ACTIVITY BULLETIN -
REVENTADOR 352010
FVXX22 KNES 152037 WSI UKS:152040
VA ADVISORY
DTG: 20171215/2037Z

VAAC: WASHINGTON

VOLCANO: REVENTADOR 352010
PSN: S0004 W07739

AREA: ECUADOR

SUMMIT ELEV: 11686 FT (3562 M)

ADVISORY NR: 2017/775

INFO SOURCE: GOES-EAST.

ERUPTION DETAILS: VA HAS DISP.

OBS VA DTG: 15/2015Z

OBS VA CLD: VA NOT IDENTIFIABLE FROM SATELLITE
DATA.

FCST VA CLD +6HR: NO VA EXP

FCST VA CLD +12HR: NO VA EXP

FCST VA CLD +18HR: NO VA EXP

RMK: VA HAS DISP. NO FURTHER EM OBS. ...ZHU

NXT ADVISORY: NO FURTHER ADVISORIES
12152037-12160237

Advisory ID: 023
Affected Location: None
Reporting ARTCC: DCC
Advisory Effective Start Time: Sat Dec 16 05:45:00 UTC 2017
Advisory Effective End Time: Sun Dec 17 12:16:00 UTC 2017
Advisory Text: ATCSCC ADVZY 023 DCC 12/16/2017 VOLCANIC ACTIVITY BULLETIN -
FUEGO

342090

FVXX21 KNES 160541 WSI UKS:160548

VA ADVISORY

DTG: 20171216/0541Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090

PSN: N1428 W09052

AREA: GUATEMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/361

INFO SOURCE: GOES-EAST. 557TH WW.

ERUPTION DETAILS: VA EMS OBS

OBS VA DTG: 16/0515Z

OBS VA CLD: SFC/FL180 N1511 W09150 - N1429 W09052
- N1427 W09053 - N1437 W09205 - N1511 W09150 MOV
NW 20-25KT

FCST VA CLD +6HR: 16/1130Z SFC/FL180 N1514 W09144
- N1431 W09052 - N1428 W09053 - N1442 W09207 -
N1514 W09144

FCST VA CLD +12HR: 16/1730Z SFC/FL180 N1517
W09137 - N1431 W09053 - N1428 W09054 - N1446
W09208 - N1517 W09137

FCST VA CLD +18HR: 16/2330Z SFC/FL180 N1517
W09132 - N1430 W09051 - N1429 W09052 - N1450
W09207 - N1517 W09132

RMK: NEW VA EMS OBS MOV NW IN STLT IMAGERY. NWP
GUIDANCE SUGGEST CONT MOV NW THROUGHOUT +18.
...FISHER

NXT ADVISORY: WILL BE ISSUED BY 20171216/1145Z
1712160545-1712161145

Advisory ID: 022

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Sat Dec 16 05:45:00 UTC 2017

Advisory Effective End Time: Sun Dec 17 12:16:00 UTC 2017

Advisory Text: ATCSCC ADVZY 022 DCC 12/16/2017 VOLCANIC ACTIVITY BULLETIN - FUEGO

342090

FVXX21 KNES 160541 WSI DDS:160543

VA ADVISORY

DTG: 20171216/0541Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090

PSN: N1428 W09052

AREA: GUATEMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/361

INFO SOURCE: GOES-EAST. 557TH WW.

ERUPTION DETAILS: VA EMS OBS

OBS VA DTG: 16/0515Z

OBS VA CLD: SFC/FL180 N1511 W09150 - N1429 W09052
- N1427 W09053 - N1437 W09205 - N1511 W09150 MOV
NW 20-25KT

FCST VA CLD +6HR: 16/1130Z SFC/FL180 N1514 W09144
- N1431 W09052 - N1428 W09053 - N1442 W09207 -
N1514 W09144

FCST VA CLD +12HR: 16/1730Z SFC/FL180 N1517
W09137 - N1431 W09053 - N1428 W09054 - N1446
W09208 - N1517 W09137

FCST VA CLD +18HR: 16/2330Z SFC/FL180 N1517
W09132 - N1430 W09051 - N1429 W09052 - N1450
W09207 - N1517 W09132

RMK: NEW VA EMS OBS MOV NW IN STLT IMAGERY. NWP
GUIDANCE SUGGEST CONT MOV NW THROUGHOUT +18.

...FISHER

NXT ADVISORY: WILL BE ISSUED BY 20171216/1145Z
1712160545-1712161145

Advisory ID: 033
Affected Location: None
Reporting ARTCC: DCC
Advisory Effective Start Time: Sat Dec 16 12:25:00 UTC 2017
Advisory Effective End Time: Sun Dec 17 12:16:00 UTC 2017
Advisory Text: ATCSCC ADVZY 033 DCC 12/16/2017 VOLCANIC ACTIVITY BULLETIN -
KLYUCHEVSKOY 300260
FVFE01 RJTD 161225 WSI UKS:161227
VA ADVISORY
DTG: 20171216/1225Z
VAAC: TOKYO
VOLCANO: KLYUCHEVSKOY 300260
PSN: N5603 E16039
AREA: RUSSIA
SUMMIT ELEV: 4754M
ADVISORY NR: 2017/394
INFO SOURCE: HIMAWARI-8
AVIATION COLOUR CODE: NIL
ERUPTION DETAILS: POSS ERUPTION OBS AT 20171216/1110Z FL170 EXTD E
OBS VA DTG: 16/1200Z
OBS VA CLD: SFC/FL170 N5606 E16038 - N5620 E16048 - N5612 E16112 -
N5603 E16104 - N5610 E16051 - N5604 E16042 MOV E 10KT
FCST VA CLD +6 HR: 16/1800Z SFC/FL180 N5750 E16144 - N5649 E16301 -
N5706 E16140 - N5649 E16103 - N5753 E16103
FCST VA CLD +12 HR: 17/0000Z SFC/FL180 N5853 E16257 - N5745 E16519 -

N5749 E16324 - N5843 E16210 - N5824 E16110 - N5844 E16051 - N5943
E16311
FCST VA CLD +18 HR: 17/0600Z SFC/FL170 N5950 E16530 - N5856 E16943 -

N5848 E16556 - N5901 E16214 - N6033 E16417 - N6104 E16603
RMK: NIL
NXT ADVISORY: 20171216/1800Z
1712161225-1712161800

Advisory ID: 043
Affected Location: None
Reporting ARTCC: DCC
Advisory Effective Start Time: Sat Dec 16 15:40:00 UTC 2017
Advisory Effective End Time: Sun Dec 17 12:16:00 UTC 2017
Advisory Text: ATCSCC ADVZY 043 DCC 12/16/2017 VOLCANIC ACTIVITY BULLETIN -

REVENTADOR 352010
FVXX22 KNES 161540 WSI UKS:161545
VA ADVISORY
DTG: 20171216/1540Z

VAAC: WASHINGTON

VOLCANO: REVENTADOR 352010
PSN: S0005 W07739

AREA: ECUADOR

SUMMIT ELEV: 11686 FT (3562 M)

ADVISORY NR: 2017/778

INFO SOURCE: GOES-EAST. NWP MODELS. CIMSS VOLCAT.
VOLCANO WEB CAMERA.

ERUPTION DETAILS: ONGOING VA EM

OBS VA DTG: 16/1515Z

OBS VA CLD: SFC/FL160 N0022 W07825 - S0002 W07740
- S0005 W07740 - S0006 W07825 - N0022 W07825 MOV
NW 10-15KT

FCST VA CLD +6HR: 16/2130Z SFC/FL160 N0016 W07825
- S0002 W07740 - S0005 W07740 - S0008 W07825 -
N0016 W07825

FCST VA CLD +12HR: 17/0330Z SFC/FL160 N0013
W07824 - S0002 W07740 - S0005 W07739 - S0010
W07825 - N0013 W07824

FCST VA CLD +18HR: 17/0930Z SFC/FL160 N0013
W07824 - S0003 W07738 - S0005 W07738 - S0010
W07824 - N0013 W07824

RMK: VA SEEN IN STLT IMAGERY MOV NW WITH LGT VA
MOV W-WNW TO ARND FL160. NWP MODEL GUIDANCE
SHOWS A GRADUAL MOV TWD MORE W-LY THROUGH T+18
HRS. ...KIBLER

NXT ADVISORY: WILL BE ISSUED BY 20171216/2145Z
1712161540-1712162140

Advisory ID: 042
Affected Location: None
Reporting ARTCC: DCC
Advisory Effective Start Time: Sat Dec 16 15:40:00 UTC 2017
Advisory Effective End Time: Sun Dec 17 12:16:00 UTC 2017
Advisory Text: ATCSCC ADVZY 042 DCC 12/16/2017 VOLCANIC ACTIVITY BULLETIN -
REVENTADOR 352010
FVXX22 KNES 161540 WSI DDS:161542
VA ADVISORY
DTG: 20171216/1540Z

VAAC: WASHINGTON

VOLCANO: REVENTADOR 352010
PSN: S0005 W07739

AREA: ECUADOR

SUMMIT ELEV: 11686 FT (3562 M)

ADVISORY NR: 2017/778

INFO SOURCE: GOES-EAST. NWP MODELS. CIMSS VOLCAT.
VOLCANO WEB CAMERA.

ERUPTION DETAILS: ONGOING VA EM

OBS VA DTG: 16/1515Z

OBS VA CLD: SFC/FL160 N0022 W07825 - S0002 W07740
- S0005 W07740 - S0006 W07825 - N0022 W07825 MOV
NW 10-15KT

FCST VA CLD +6HR: 16/2130Z SFC/FL160 N0016 W07825
- S0002 W07740 - S0005 W07740 - S0008 W07825 -
N0016 W07825

FCST VA CLD +12HR: 17/0330Z SFC/FL160 N0013
W07824 - S0002 W07740 - S0005 W07739 - S0010
W07825 - N0013 W07824

FCST VA CLD +18HR: 17/0930Z SFC/FL160 N0013
W07824 - S0003 W07738 - S0005 W07738 - S0010
W07824 - N0013 W07824

RMK: VA SEEN IN STLT IMAGERY MOV NW WITH LGT VA
MOV W-WNW TO ARND FL160. NWP MODEL GUIDANCE
SHOWS A GRADUAL MOV TWD MORE W-LY THROUGH T+18
HRS. ...KIBLER

NXT ADVISORY: WILL BE ISSUED BY 20171216/2145Z
1712161540-1712162140

Advisory ID: 046
Affected Location: None
Reporting ARTCC: DCC
Advisory Effective Start Time: Sat Dec 16 17:30:00 UTC 2017
Advisory Effective End Time: Sun Dec 17 12:16:00 UTC 2017
Advisory Text: ATCSCC ADVZY 046 DCC 12/16/2017 VOLCANIC ACTIVITY BULLETIN -
FUEGO
342090
FVXX21 KNES 161730 WSI DDS:161724
VA ADVISORY
DTG: 20171216/1730Z
VAAC: WASHINGTON

VOLCANO: FUEGO 342090

PSN: N1428 W09052
AREA: GUATAMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/365

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: CONT VA OBS IN STLT IMAGERY

OBS VA DTG: 16/1626Z

OBS VA CLD: SFC/FL160 N14444 W09154 -N1430 W09053 - N1428 W09053 -
N1411
W09154 - N1444 W09154 MOV W 15-20KT.

FCST VA CLD +6HR: 16/2300Z SFC/FL160 N1452 W09152 - N1431 W09053 -
N1428
W09052 - N1420 W09156 - N1452 W09152.

FCST VA CLD +12HR: 17/0500Z SFC/FL160 N1452 W09152 - N1431 W09053 -
N1428 W09052 - N1420 W09156 - N1452 W09152.

FCST VA CLD +18HR: 17/1100Z SFC/FL160 N1452 W09152 - N1431 W09053 - N1428 W09052 - N1420 W09156 - N1452 W09152.

RMK: 557 WW FOR WASHINGTON VAAC. ERUPTION OBSERVED ON WEB CAM AT 16/1645Z LASTING FOR 10 MINUTES MOV W. ...MARTINEZ

NXT ADVISORY: WILL BE ISSUED BY 20171216/2330Z.
1712161730-1712162330

Advisory ID: 047

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Sat Dec 16 17:30:00 UTC 2017

Advisory Effective End Time: Sun Dec 17 12:16:00 UTC 2017

Advisory Text: ATCSCC ADVZY 047 DCC 12/16/2017 VOLCANIC ACTIVITY BULLETIN - FUEGO

342090

FVXX21 KNES 161730 WSI UKS:161726

VA ADVISORY

DTG: 20171216/1730Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090

PSN: N1428 W09052

AREA: GUATAMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/365

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: CONT VA OBS IN STLT IMAGERY

OBS VA DTG: 16/1626Z

OBS VA CLD: SFC/FL160 N14444 W09154 -N1430 W09053 - N1428 W09053 - N1411

W09154 - N1444 W09154 MOV W 15-20KT.

FCST VA CLD +6HR: 16/2300Z SFC/FL160 N1452 W09152 - N1431 W09053 - N1428

W09052 - N1420 W09156 - N1452 W09152.

FCST VA CLD +12HR: 17/0500Z SFC/FL160 N1452 W09152 - N1431 W09053 - N1428 W09052 - N1420 W09156 - N1452 W09152.

FCST VA CLD +18HR: 17/1100Z SFC/FL160 N1452 W09152 - N1431 W09053 - N1428 W09052 - N1420 W09156 - N1452 W09152.

RMK: 557 WW FOR WASHINGTON VAAC. ERUPTION OBSERVED ON WEB CAM AT 16/1645Z LASTING FOR 10 MINUTES MOV W. ...MARTINEZ

NXT ADVISORY: WILL BE ISSUED BY 20171216/2330Z.
1712161730-1712162330

Advisory ID: 053

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Sat Dec 16 21:19:00 UTC 2017

Advisory Effective End Time: Sun Dec 17 12:17:00 UTC 2017

Advisory Text: ATCSCC ADVZY 053 DCC 12/16/2017 VOLCANIC ACTIVITY BULLETIN - FUEGO
342090

FVXX21 KNES 162119 WSI UKS:162123

VA ADVISORY

DTG: 20171216/2119Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090

PSN: N1428 W09052

AREA: GUATEMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/366

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: OCNL EM

OBS VA DTG: 16/2045Z

OBS VA CLD: SFC/FL140 N1434 W09059 - N1430 W09052
- N1426 W09052 - N1431 W09102 - N1431 W09101 -
N1431 W09101 - N1434 W09059 MOV NW 25-30KT

FCST VA CLD +6HR: 17/0300Z SFC/FL140 N1437 W09059

- N1430 W09050 - N1427 W09053 - N1434 W09102 -
N1437 W09059

FCST VA CLD +12HR: 17/0900Z SFC/FL140 N1438
W09059 - N1430 W09050 - N1426 W09054 - N1434
W09104 - N1438 W09059

FCST VA CLD +18HR: 17/1500Z SFC/FL140 N1439
W09059 - N1430 W09050 - N1426 W09053 - N1434
W09104 - N1439 W09059

RMK: VA EXTD 10 NM TO NW. LTLCG FCST OVR NXT 18
HRS. ...ZHU

NXT ADVISORY: WILL BE ISSUED BY 20171217/0315Z
1712162119-1712170315

Advisory ID: 052

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Sat Dec 16 21:19:00 UTC 2017

Advisory Effective End Time: Sun Dec 17 12:17:00 UTC 2017

Advisory Text: ATCSCC ADVZY 052 DCC 12/16/2017 VOLCANIC ACTIVITY BULLETIN -
FUEGO

342090

FVXX21 KNES 162119 WSI DDS:162121

VA ADVISORY

DTG: 20171216/2119Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090

PSN: N1428 W09052

AREA: GUATEMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/366

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: OCNL EM

OBS VA DTG: 16/2045Z

OBS VA CLD: SFC/FL140 N1434 W09059 - N1430 W09052
- N1426 W09052 - N1431 W09102 - N1431 W09101 -
N1431 W09101 - N1434 W09059 MOV NW 25-30KT

FCST VA CLD +6HR: 17/0300Z SFC/FL140 N1437 W09059
- N1430 W09050 - N1427 W09053 - N1434 W09102 -
N1437 W09059

FCST VA CLD +12HR: 17/0900Z SFC/FL140 N1438
W09059 - N1430 W09050 - N1426 W09054 - N1434
W09104 - N1438 W09059

FCST VA CLD +18HR: 17/1500Z SFC/FL140 N1439
W09059 - N1430 W09050 - N1426 W09053 - N1434
W09104 - N1439 W09059

RMK: VA EXTD 10 NM TO NW. LTLCG FCST OVR NXT 18
HRS. ...ZHU

NXT ADVISORY: WILL BE ISSUED BY 20171217/0315Z
1712162119-1712170315

Advisory ID: 054
Affected Location: None
Reporting ARTCC: DCC
Advisory Effective Start Time: Sat Dec 16 21:32:00 UTC 2017
Advisory Effective End Time: Sun Dec 17 12:17:00 UTC 2017
Advisory Text: ATCSCC ADVZY 054 DCC 12/16/2017 VOLCANIC ACTIVITY BULLETIN -
REVENTADOR 352010
FVXX22 KNES 162132 WSI DDS:162133
VA ADVISORY
DTG: 20171216/2132Z

VAAC: WASHINGTON

VOLCANO: REVENTADOR 352010
PSN: S0005 W07739

AREA: ECUADOR

SUMMIT ELEV: 11686 FT (3562 M)

ADVISORY NR: 2017/779

INFO SOURCE: GOES-EAST.

ERUPTION DETAILS: OCNL EM

OBS VA DTG: 16/2115Z

OBS VA CLD: VA NOT IDENTIFIABLE FROM SATELLITE
DATA.

FCST VA CLD +6HR: NO VA EXP

FCST VA CLD +12HR: NO VA EXP

FCST VA CLD +18HR: NO VA EXP

RMK: VA HAS DISP. ...ZHU

NXT ADVISORY: NO FURTHER ADVISORIES
1712162132-1712170332

Notices

If flying outside the United States, check data as soon as practical after entering foreign airspace, as our international data may be inaccurate or incomplete. Contact the country whose airspace you will enter at the first opportunity.