

Route Standard Briefing at Dec 20, 1217Z for N307JM KISM to 39N

***** KISM (Departure) Closest Terminal Weather *****

METAR KISM 201156Z Kissimmee Gateway, Orlando, FL (KISM). Dec 20, 1156Z. Light Rain, Wind from 130° at 5 knots, 10 statute miles visibility, Ceiling is Broken at 7,000 feet, Overcast at 8,000 feet, Temperature 18°C, Dewpoint 18°C, Altimeter is 29.80. Remarks: automated station with precipitation discriminator sea level pressure 1009.4 hectopascals indeterminate precipitation past 6 hours undetermined amount of precipitation in past 24 hours hourly temp 18.3°C dewpoint 17.8°C 6-hour max temp 18.3°C 6-hour min temp 16.7°C 3-hour atmospheric pressure decreasing then steady; or decreasing then decreasing more slowly by 1.3 hectopascals PNO \$

METAR KISM 201056Z AUTO Kissimmee Gateway, Orlando, FL (KISM). Dec 20, 1056Z, Automated. Rain, Wind is Calm, 8 statute miles visibility, Few clouds at 6,000 feet, Ceiling is Overcast at 8,000 feet, Temperature 18°C, Dewpoint 17°C, Altimeter is 29.81. Remarks: automated station with precipitation discriminator sea level pressure 1009.7 hectopascals hourly temp 17.8°C dewpoint 17.2°C PNO \$

METAR KISM 200956Z AUTO Kissimmee Gateway, Orlando, FL (KISM). Dec 20, 0956Z, Automated. Light Rain, Wind from 110° at 6 knots, 7 statute miles visibility, Scattered Clouds at 7,000 feet, Ceiling is Broken at 8,500 feet, Overcast at 12,000 feet, Temperature 18°C, Dewpoint 17°C, Altimeter is 29.82. Remarks: automated station with precipitation discriminator rain began 3 minutes past the hour sea level pressure 1009.9 hectopascals hourly temp 17.8°C dewpoint 16.7°C PNO \$

Kissimmee Gateway, Orlando, FL (KISM). Issued Dec 20, 1137Z, valid from Dec 20, 1200Z until Dec 21, 1200Z, Wind from 150° at 8 knots, 6 statute miles visibility, Showers Rain, Scattered Clouds at 2,500 feet, Ceiling is Broken at 6,000 feet, Overcast at 8,000 feet

Temporary between Dec 20, 1200Z and Dec 20, 1500Z, 3 statute miles visibility, Light Showers Rain, Ceiling is Broken at 2,500 feet, Overcast at 4,000 feet

From Dec 20, 1500Z, Wind from 180° at 12 knots with gusts to 20 knots, greater than 6 statute miles visibility, Thunderstorms in the Vicinity, Scattered Clouds at 3,000 feet Cumulonimbus, Ceiling is Broken at 5,000 feet, Overcast at 10,000 feet

Temporary between Dec 20, 1500Z and Dec 20, 1800Z, 2 statute miles visibility, Thunderstorms and Rain, Ceiling is Broken at 2,500 feet Cumulonimbus, Overcast at 4,000 feet

From Dec 20, 1800Z, Wind from 190° at 13 knots with gusts to 22 knots, greater than 6 statute miles visibility, Thunderstorms in the Vicinity, Scattered Clouds at 2,000 feet Cumulonimbus, Ceiling is Broken at 3,000 feet, Overcast at 5,000 feet

Temporary between Dec 20, 1800Z and Dec 20, 2100Z, Wind is variable at 20 knots with gusts to 30 knots, 1 statute mile visibility, Thunderstorms and Heavy Rain, Ceiling is Broken at 2,000 feet Cumulonimbus

From Dec 21, 0000Z, Wind from 220° at 10 knots, greater than 6 statute miles

visibility, Showers in the Vicinity, Scattered Clouds at 3,500 feet, Ceiling is Broken at 7,000 feet, Overcast at 10,000 feet

Temporary between Dec 21, 0000Z and Dec 21, 0300Z, 3 statute miles visibility, Showers Rain, Ceiling is Broken at 3,500 feet

From Dec 21, 0400Z, Wind from 210° at 11 knots with gusts to 18 knots, greater than 6 statute miles visibility, Scattered Clouds at 3,500 feet, Ceiling is Broken at 10,000 feet

From Dec 21, 0800Z, Wind from 220° at 15 knots with gusts to 23 knots, greater than 6 statute miles visibility, Scattered Clouds at 3,500 feet, Ceiling is Broken at 10,000 feet.

***** KISM (Departure) NOTAMs *****

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

==== Taxiway NOTAMs ====

!ISM 12/001 Kissimmee Gateway, Orlando, FL (KISM) Taxiway B, F, G, H edge light out of service Dec 01, 2018 2200Z to Mar 15, 2019 2200Z

==== Aerodrome NOTAMs ====

!ISM 12/002 Kissimmee Gateway, Orlando, FL (KISM) Aerodrome airport windcone light for runway 15/33 out of service Dec 01, 2018 2201Z to Mar 15, 2019 2200Z

==== Obstruction NOTAMs ====

!ISM 12/010 Kissimmee Gateway, Orlando, FL (KISM) Obstruction crane (Aeronautical Study Number 2018-ASO-25908-OE) 281637N0812533W (0.97 nautical miles southeast ISM) 215 feet (150FT above ground level) flagged not lighted Dec 12, 2018 2319Z to Apr 15, 2019 1440Z

!ISM 12/011 Kissimmee Gateway, Orlando, FL (KISM) Obstruction tower light (Antenna Structure Registration 1217691) 28° 12' 04.90" North 081° 11' 23.50" West (14.0 nautical miles east-south-east ISM) 380.9 feet (316.9FT above ground level) out of service Dec 15, 2018 1412Z to Dec 30, 2018 1400Z

!ISM 12/013 Kissimmee Gateway, Orlando, FL (KISM) Obstruction tower light (Antenna Structure Registration 1043290) 28° 05' 23.00" North 081° 16' 01.00" West (14.7 nautical miles southeast ISM) 460 feet (399.9FT above ground level) out of service Dec 18, 2018 1822Z to Jan 02, 2019 1722Z

==== FDC NOTAMs ====

!FDC 8/8756 KISM IAP KISSIMMEE GATEWAY, Orlando, FL. RNAV (GPS) RWY 33, AMDT 2B... LPV DA 442/HAT 360 ALL CATS, VIS 1 1/4. LNAV/VNAV DA 427/HAT 345, VIS 1 1/8 ALL CATS. LNAV MDA 520/HAT 438 ALL CATS, VIS CATS C/D 1 3/8. TEMPORARY CRANE 215 MSL 2697 FT SE OF RWY 33 (2018-ASO-25908-OE). 11 DEC 14:40 2018 UNTIL 15 APR 14:40 2019 ESTIMATED. CREATED: 11 DEC 14:40 2018

!FDC 8/8755 KISM ODP KISSIMMEE GATEWAY, Orlando, FL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG... TAKEOFF OBSTACLE NOTES: RWY 15, TEMPORARY CRANE 2624 FT FROM DER, 625 FT LEFT OF CENTERLINE, 150 FT AGL/215 FT MSL (2018-ASO-25908-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 11 DEC 14:40 2018 UNTIL 15 APR 14:40 2019 ESTIMATED. CREATED: 11 DEC 14:40 2018

!FDC 8/7557 KISM IAP KISSIMMEE GATEWAY, ORLANDO, FL. PIGLT FIVE ARRIVAL (RNAV) ... ARRIVAL ROUTE DESCRIPTION: Ocala TRANSITION, VALDOSTA TRANSITION LOST COMMUNICATIONS: NORTH OPERATION: CONTINUE TRACK TO JAFAR, TRACK TO WAVIN, THEN TURN LEFT TO INTERCEPT THE RWY 36L FINAL APPROACH COURSE. (CONDUCT APPROACH.). 13 SEP 09:01 2018 UNTIL PERM. CREATED: 11 SEP 16:19 2018

!FDC 8/7555 KISM IAP KISSIMMEE GATEWAY, ORLANDO, FL. BUGGZ THREE ARRIVAL (RNAV)... ARRIVAL ROUTE DESCRIPTION: EMPEE TRANSITION, SEMP TRANSITION: LOST COMMUNICATIONS: KMCO LANDING NORTH: CONTINUE TRACK TO WAVIN, THEN TURN LEFT TO INTERCEPT THE RWY 36R FINAL APPROACH COURSE. (CONDUCT APPROACH). 13 SEP 09:01 2018 UNTIL PERM. CREATED: 11 SEP 16:18 2018

***** 39N (Destination) Closest Terminal Weather *****

METAR KTTN 201153Z Trenton Mercer, Trenton, NJ (KTTN). Dec 20, 1153Z. Wind from 340° at 3 knots, 9 statute miles visibility, Clear Skies, Temperature -3°C, Dewpoint -5°C, Altimeter is 30.11. Remarks: automated station with precipitation discriminator sea level pressure 1019.3 hectopascals hourly temp -2.8°C dewpoint -5.0°C 6-hour max temp 0.6°C 6-hour min temp -3.9°C 3-hour atmospheric pressure decreasing or steady, then increasing; or increasing then increasing more rapidly by 0.6 hectopascals

METAR KTTN 201053Z Trenton Mercer, Trenton, NJ (KTTN). Dec 20, 1053Z. Wind is Calm, 10 statute miles visibility, Clear Skies, Temperature -3°C, Dewpoint -5°C, Altimeter is 30.10. Remarks: automated station with precipitation discriminator sea level pressure 1018.8 hectopascals hourly temp -3.3°C dewpoint -5.0°C

METAR KTTN 200953Z AUTO Trenton Mercer, Trenton, NJ (KTTN). Dec 20, 0953Z, Automated. Wind is Calm, 10 statute miles visibility, Clear Skies, Temperature -3°C, Dewpoint -4°C, Altimeter is 30.09. Remarks: automated station with precipitation discriminator sea level pressure 1018.6 hectopascals hourly temp -2.8°C dewpoint -3.9°C

TAF for 39N is not available. For additional forecast information, please refer to other forecast sections in this briefing

***** 39N (Destination) NOTAMs *****

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

==== Apron NOTAMs ====

!MIV 10/164 Princeton, Princeton/Rocky Hill, NJ (K39N) Apron west ramp transient parking on west apron only Oct 28, 2018 1339Z-permanent

==== Obstruction NOTAMs ====

!MIV 12/096 Princeton, Princeton/Rocky Hill, NJ (K39N) Obstruction tower light (Aeronautical Study Number 2002-AEA-2927-OE) 402321N0743928W (0.6 nautical miles south of 39° North) 347 feet (173FT above ground level) out of service Dec 14, 2018 0921Z to Dec 29, 2018 2020Z

***** KTTN (Alternate 1) Closest Terminal Weather *****

METAR KTTN 201153Z Trenton Mercer, Trenton, NJ (KTTN). Dec 20, 1153Z. Wind from 340° at 3 knots, 9 statute miles visibility, Clear Skies, Temperature -3°C, Dewpoint -5°C, Altimeter is 30.11. Remarks: automated station with precipitation discriminator sea level pressure 1019.3 hectopascals hourly temp -2.8°C dewpoint -5.0°C 6-hour max temp 0.6°C 6-hour min temp -3.9°C 3-hour atmospheric pressure decreasing or steady, then increasing; or increasing then increasing more rapidly by 0.6 hectopascals

METAR KTTN 201053Z Trenton Mercer, Trenton, NJ (KTTN). Dec 20, 1053Z. Wind is Calm, 10 statute miles visibility, Clear Skies, Temperature -3°C, Dewpoint -5°C, Altimeter is 30.10. Remarks: automated station with precipitation discriminator sea level pressure 1018.8 hectopascals hourly temp -3.3°C dewpoint -5.0°C

METAR KTTN 200953Z AUTO Trenton Mercer, Trenton, NJ (KTTN). Dec 20, 0953Z, Automated. Wind is Calm, 10 statute miles visibility, Clear Skies, Temperature -3°C, Dewpoint -4°C, Altimeter is 30.09. Remarks: automated station with precipitation discriminator sea level pressure 1018.6 hectopascals hourly temp -2.8°C dewpoint -3.9°C

Trenton Mercer, Trenton, NJ (KTTN). Issued Dec 20, 1138Z, valid from Dec 20, 1200Z until Dec 21, 1200Z, Wind is variable at 2 knots, greater than 6 statute miles visibility, Scattered Clouds at 25,000 feet

From Dec 20, 1600Z, Wind is variable at 3 knots, greater than 6 statute miles visibility, Ceiling is Overcast at 3,500 feet

From Dec 20, 1900Z, Wind from 070° at 4 knots, 6 statute miles visibility, Light Rain, Ceiling is Overcast at 2,500 feet

From Dec 20, 2100Z, Wind from 080° at 7 knots, 4 statute miles visibility, Light Rain, Ceiling is Overcast at 1,500 feet

From Dec 20, 2300Z, Wind from 090° at 8 knots, 2 statute miles visibility, Heavy Rain, Ceiling is Overcast at 800 feet, wind shear surface to 2,000 feet, wind from 150° at 40 knots

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From Dec 21, 0400Z, Wind from 110° at 12 knots with gusts to 18 knots, 1 statute mile visibility, Heavy Rain and Mist, Ceiling is Overcast at 500 feet, wind shear surface to 2,000 feet, wind from 150° at 40 knots

From Dec 21, 0700Z, Wind from 160° at 14 knots with gusts to 22 knots, 1 statute mile visibility, Heavy Rain and Mist, Ceiling is Overcast at 500 feet.

***** KTTN (Alternate 1) NOTAMs *****

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

==== Apron NOTAMs ====

!TTN 12/044 Trenton Mercer, Trenton, NJ (KTTN) Apron executive jet Port ramp closed Dec 05, 2018 2051Z to Jun 30, 2019 2000Z

!TTN 05/271 Trenton Mercer, Trenton, NJ (KTTN) Apron south apron helipad H3 markings not standard May 31, 2018 1043Z to Jun 30, 2019 2100Z

==== Taxiway NOTAMs ====

!TTN 12/063 Trenton Mercer, Trenton, NJ (KTTN) Taxiway F between runway 6/24 and taxiway E adjacent E side irregular surface Dec 06, 2018 1850Z to Dec 31, 2018 2100Z

!TTN 12/050 Trenton Mercer, Trenton, NJ (KTTN) Taxiway D1 commissioned 225 feet X 50 feet asphalt lighted Dec 05, 2018 2103Z-permanent

!TTN 12/048 Trenton Mercer, Trenton, NJ (KTTN) Taxiway D between taxiway D1 and 350 feet southeast taxiway D1 closed Dec 05, 2018 2144Z to Jun 30, 2019 2000Z

!TTN 06/199 Trenton Mercer, Trenton, NJ (KTTN) Taxiway E closed to aircraft wingspan more than 110 feet except 24HR prior permission required Jun 30, 2018 1605Z to Dec 31, 2018 2359Z

==== Runway NOTAMs ====

!TTN 12/109 Trenton Mercer, Trenton, NJ (KTTN) Runway 24 holding position sign at runway 16/34 not lighted Dec 20, 2018 0913Z to Jan 03, 2019 1700Z

!TTN 12/030 Trenton Mercer, Trenton, NJ (KTTN) Runway 16/34 safety area not standard E side at taxiway F ruts Dec 04, 2018 2107Z to Dec 31, 2018 2100Z

!TTN 11/175 Trenton Mercer, Trenton, NJ (KTTN) Runway 06/24 safety area not standard southeast side standing water and ruts Nov 30, 2018 1418Z to Jan 31, 2019 2200Z

!TTN 11/174 Trenton Mercer, Trenton, NJ (KTTN) Runway 06/24 safety area not standard northwest side adjacent taxiway J ruts Nov 30, 2018 1416Z to Jan 31, 2019 2200Z

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!TTN 11/167 Trenton Mercer, Trenton, NJ (KTTN) Runway 34 runway end ID light out of service Nov 30, 2018 1254Z to Dec 28, 2018 2000Z Estimated

==== Navigation NOTAMs ====

!TTN 12/105 Trenton Mercer, Trenton, NJ (KTTN) Navigation ILS runway 06 localizer not monitor Dec 17, 2018 1637Z to Jan 17, 2019 2000Z Estimated

==== Obstruction NOTAMs ====

!TTN 12/037 Trenton Mercer, Trenton, NJ (KTTN) Obstruction crane (Aeronautical Study Number 2017-AEA-4592-OE) 401518N0745115W (2.3 nautical miles southwest TTN) 326 feet (250FT above ground level) flagged and lighted Dec 04, 2018 2226Z to Mar 05, 2019 2200Z

!TTN 12/042 Trenton Mercer, Trenton, NJ (KTTN) Obstruction crane (Aeronautical Study Number 2017-AEA-4591-OE) 401522N0745106W (2.1 nautical mile southwest TTN) 307 feet (250FT above ground level) flagged and lighted Dec 04, 2018 2230Z to Mar 05, 2019 2200Z

!TTN 12/043 Trenton Mercer, Trenton, NJ (KTTN) Obstruction crane (Aeronautical Study Number 2017-AEA-4610-OE) 401526N0745059W (2.0 nautical miles southwest TTN) 307 feet (250FT above ground level) flagged and lighted Dec 04, 2018 2230Z to Mar 05, 2019 2200Z

!TTN 12/031 Trenton Mercer, Trenton, NJ (KTTN) Obstruction crane (Aeronautical Study Number 2017-AEA-4614-OE) 401527N0745056W (2.0 nautical miles southwest TTN) 336 feet (300FT above ground level) flagged and lighted Dec 04, 2018 2222Z to Mar 05, 2019 2200Z

!TTN 12/034 Trenton Mercer, Trenton, NJ (KTTN) Obstruction crane (Aeronautical Study Number 2017-AEA-4661-OE) 401528N0745057W (2.0 nautical miles southwest TTN) 336 feet (300FT above ground level) flagged and lighted Dec 04, 2018 2224Z to Mar 05, 2019 2200Z

!TTN 12/032 Trenton Mercer, Trenton, NJ (KTTN) Obstruction crane (Aeronautical Study Number 2017-AEA-4617-OE) 401529N0745053W (2.0 nautical miles southwest TTN) 336 feet (300FT above ground level) flagged and lighted Dec 04, 2018 2223Z to Mar 05, 2019 2200Z

!TTN 12/035 Trenton Mercer, Trenton, NJ (KTTN) Obstruction crane (Aeronautical Study Number 2017-AEA-4662-OE) 401530N0745055W (2.0 nautical miles southwest TTN) 342 feet (300FT above ground level) flagged and lighted Dec 04, 2018 2225Z to Mar 05, 2019 2200Z

!TTN 12/106 Trenton Mercer, Trenton, NJ (KTTN) Obstruction tower light (Antenna Structure Registration 1045252) 40° 14' 09.20" North 074° 46' 12.10" West (3.1 nautical mile southeast TTN) 367.8 feet (252.0FT above ground level) out of service Dec 17, 2018 1642Z to Jan 01, 2019 1641Z

!TTN 12/033 Trenton Mercer, Trenton, NJ (KTTN) Obstruction crane (Aeronautical Study Number 2017-AEA-4615-OE) 401531N0745051W (1.9 nautical miles southwest TTN) 336 feet (300FT above ground level) flagged and lighted Dec 04, 2018 2224Z to Mar 05, 2019 2200Z

!TTN 12/036 Trenton Mercer, Trenton, NJ (KTTN) Obstruction crane (Aeronautical Study Number 2017-AEA-4665-OE) 401535N0745045W (1.8 nautical miles southwest TTN) 273 feet (218FT above ground level) flagged and lighted Dec 04, 2018 2226Z to Mar 05, 2019 2200Z

!TTN 12/041 Trenton Mercer, Trenton, NJ (KTTN) Obstruction crane (Aeronautical Study Number 2017-AEA-2973-OE) 401536N0745043W (1.8 nautical miles southwest TTN) 223 feet (150FT above ground level) flagged and lighted Dec 04, 2018 2229Z to Mar 05, 2019 2200Z

!TTN 12/039 Trenton Mercer, Trenton, NJ (KTTN) Obstruction crane (Aeronautical Study Number 2017-AEA-2974-OE) 401539N0745039W (1.7 nautical miles southwest TTN) 236 feet (150FT above ground level) flagged and lighted Dec 04, 2018 2228Z to Mar 05, 2019 2200Z

!TTN 12/038 Trenton Mercer, Trenton, NJ (KTTN) Obstruction crane (Aeronautical Study Number 2017-AEA-2975-OE) 401541N0745035W (1.7 nautical miles southwest TTN) 242 feet (150FT above ground level) flagged and lighted Dec 04, 2018 2227Z to Mar 05, 2019 2200Z

!TTN 12/040 Trenton Mercer, Trenton, NJ (KTTN) Obstruction crane (Aeronautical Study Number 2017-AEA-4649-OE) 401631N0744949W (0.8 nautical miles W TTN) 359 feet (150FT above ground level) flagged and lighted Dec 04, 2018 2228Z to Mar 05, 2019 2200Z

!TTN 11/115 Trenton Mercer, Trenton, NJ (KTTN) Obstruction tower light (Antenna Structure Registration 1049865) 40° 17' 17.00" North 074° 52' 24.00" West (2.8 nautical miles west-north-west TTN) 362.2 feet (303.1FT above ground level) out of service Nov 20, 2018 1641Z to Dec 31, 2018 2359Z

!TTN 12/004 Trenton Mercer, Trenton, NJ (KTTN) Obstruction tower light (Antenna Structure Registration 1049864) 40° 17' 18.00" North 074° 52' 18.00" West (2.7 nautical miles west-north-west TTN) 362.2 feet (303.1FT above ground level) out of service Dec 01, 2018 0211Z to Dec 31, 2018 2359Z

!TTN 12/107 Trenton Mercer, Trenton, NJ (KTTN) Obstruction tower light (Antenna Structure Registration 1270251) 40° 16' 40.10" North 074° 49' 10.20" West (0.3 nautical miles west-north-west TTN) 265.7 feet (59.1FT above ground level) out of service Dec 18, 2018 1003Z to Jan 18, 2019 2359Z

==== FDC NOTAMs ====

!FDC 8/1146 KTTN STAR TRENTON MERCER, TRENTON, NJ. BUNTS TWO ARRIVAL... UNUSABLE 1) BLW 5000FT MSL BTN PSB AND HAR 2) BLW 4000FT MSL BTN HAR AND BOUHN. 02 APR 12:00 2018 UNTIL PERM. CREATED: 02 APR 11:55 2018

***** 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 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 6/1117 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 UAS-SPECIFIC 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 112-95, 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 112-95, 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 112-95, 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 202-267-7540. 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 6/7201 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 UAS 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 TWO-WAY 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 TWO-WAY RADIO COMMUNICATIONS MUST ESTABLISH TWO-WAY COMMUNICATIONS AS SOON AS FEASIBLE, NORMALLY WITHIN 2NM OF THE DEPARTURE POINT. 7. PATTERN WORK OPERATIONS AT UN-CONTROLLED 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 UAS-SPECIFIC 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 9-AWA-ATS-NCRCC@FAA.GOV OR (866) 598-9522. C. FOR THOSE WAIVERS AND REQUIREMENTS IN THIS NOTAM THAT REQUIRE NOTIFICATION TO THE TSA AT THE NCRCC, CALL (866) 598-9520. D. FOR THOSE WAIVERS AND REQUIREMENTS IN THIS NOTAM THAT REQUIRE NOTIFICATION TO THE FAA AT THE NCRCC, CALL (866) 598-9522. 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/FOR-INDUSTRY/GENERAL-AVIATION OR BY CONTACTING TSA AT (571) 227-2071. 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) 598-9520. I. 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. J. THE COMMUNICATIONS REQUIREMENTS DESCRIBED IN THIS NOTAM ARE ESTABLISHED TO MAINTAIN THE ABILITY TO IMMEDIATELY COMMUNICATE SECURITY-BASED 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

***** Convective SIGMET *****

Convective SIGMET (Eastern US) issued by the Aviation Weather Center Kansas City, Missouri on the 20th at 1155Z.

SIGE

Convective SIGMET (Eastern US) prepared on the 20th at 1155Z.

Convective SIGMET outlook valid from the 20th at 1355Z to the 20th at 1755Z.

From 40 miles north-north-east of CRG to Ormond Beach Municipal, Ormond Beach, FL (OMN) to 80 miles west of Key West International, Key West, FL (EYW) to 100 miles west of Sarasota/Bradenton International, Sarasota/Bradenton, FL (SRQ) to 50 miles northeast of Cross City, Cross City, FL (CTY) to 40 miles north-north-east of CRG.

Convective SIGMET issuances expected. Refer to most recent one-day anticipated convection report from the Storm Prediction Center for synopsis and meteorological details.

***** SIGMET *****

No current SIGMET data for this briefing.

***** AIRMET *****

AIRMET issued by the Aviation Weather Center Kansas City, Missouri on the 20th at 0845Z.

Miami Forecast Area AIRMET Sierra prepared on the 20th at 0845Z.

AIRMET Sierra update 1 for IFR and mountain obscuration valid until the 20th at 1500Z.

AIRMET IFR...Florida Georgia Maryland North Carolina South Carolina Virginia West Virginia
And coastal waters

From 20 miles east-south-east of SBY to 40 miles east-north-east of ORF to 60 miles south of Elizabeth City Cg Air Station/, Elizabeth City, NC (ECG) to Charleston Afb/Intl, Charleston, SC (CHS) to 30 miles northeast of CRG to Treasure, Vero Beach, FL (TRV) to Sarasota/Bradenton International, Sarasota/Bradenton, FL (SRQ) to 30 miles west-south-west of Cross City, Cross City, FL (CTY) to 70 miles south-south-east of Semmes, Mobile, AL (SJI) to 40 miles west of Bob Sikes, Crestview, FL (CEW) to 50 miles southwest of Pecan, Albany, GA (PZD) to Choo Choo, Chattanooga, TN (GQO) to HNV to 20 miles east-south-east of SBY
Ceiling below 1,000 feet/visibility below 3 statute miles precipitation/mist. Conditions continuing beyond 1500Z through 2100Z.

AIRMET issued by the Aviation Weather Center Kansas City, Missouri on the 20th at 0845Z.

Boston Forecast Area AIRMET Sierra prepared on the 20th at 0845Z.

AIRMET Sierra update 1 for IFR and mountain obscuration valid until the 20th at 1500Z.

Outlook valid 1500Z to 2100Z

AREA 1... IFR District of Columbia Delaware Florida Georgia Maryland North Carolina New Jersey New York Ohio Pennsylvania South Carolina Virginia West Virginia And coastal waters
Bounded by 50 miles east of Mid-State, Philipsburg, PA (PSB) to 40 miles south of John F.Kennedy International, New York, NY (JFK) to 50 miles south-south-east of Elizabeth City Cg Air Station/, Elizabeth City, NC (ECG) to 50 miles east-south-east of CRG to Treasure, Vero Beach, FL (TRV) to Sarasota/Bradenton International, Sarasota/Bradenton, FL (SRQ) to 50 miles south-south-west of Bob Sikes, Crestview, FL (CEW) to 120 miles east-south-east of LEV to 40 miles west of Bob Sikes, Crestview, FL (CEW) to 50 miles southwest of Pecan, Albany, GA (PZD) to Choo Choo, Chattanooga, TN (GQO) to HNV to Henderson, Henderson, WV (HNN) to JST to 50 miles east of Mid-State, Philipsburg, PA (PSB)
Ceiling below 1,000 feet/visibility below 3 statute miles precipitation/mist. Conditions continuing through 2100Z.

AIRMET issued by the Aviation Weather Center Kansas City, Missouri on the 20th at 0845Z.

Miami Forecast Area AIRMET Zulu prepared on the 20th at 0845Z.

AIRMET Zulu update 1 for Ice and freezing level valid until the 20th at 1500Z.

AIRMET Ice...Delaware Florida Georgia Maryland North Carolina New Jersey New York Ohio Rhode Island South Carolina Virginia West Virginia And coastal waters

From 50 miles east-south-east of EKN to 30 miles south-south-east of CSN to 190 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 200 miles east-north-east of Palm Beach International, West Palm Beach, FL (PBI) to 40 miles northwest of MIA to 40 miles west of Southwest Florida International, Fort Myers, FL (RSW) to 170 miles south of Bob Sikes, Crestview, FL (CEW) to 20 miles north-north-east of Tallahassee International, Tallahassee, FL (TLH) to 50 miles east-south-east of EKN

Moderate ice between freezing level and flight level 270. Freezing level from 11,000 feet mean sea level to 14,000 feet mean sea level. Conditions continuing beyond 1500Z through 2100Z.

The freezing level ranges from 9,500 feet mean sea level to 16,000 feet mean sea level across area.

The freezing level is at 12,000 feet mean sea level along a line from 210 miles south of Bob Sikes, Crestview, FL (CEW) to 40 miles west-north-west of Cross City, Cross City, FL (CTY) to CRG to 60 miles east-south-east of Ormond Beach Municipal, Ormond Beach, FL (OMN) to 100 miles northeast of Treasure, Vero Beach, FL (TRV) to 110 miles east-south-east of Elizabeth City Cg Air Station/, Elizabeth City, NC (ECG) to 180 miles east of Elizabeth City Cg Air Station/, Elizabeth City, NC (ECG).

AIRMET issued by the Aviation Weather Center Kansas City, Missouri on the 20th at 0845Z.

Boston Forecast Area AIRMET Zulu prepared on the 20th at 0845Z.

AIRMET Zulu update 1 for Ice and freezing level valid until the 20th at 1500Z.

Outlook valid 1500Z to 2100Z

AREA 2... Ice Connecticut District of Columbia Delaware Massachusetts Maryland New Jersey New York Ohio Pennsylvania Rhode Island Virginia West Virginia And coastal waters

Bounded by 40 miles west of ALB to 200 miles southeast of Nantucket Memorial, Nantucket, MA (ACK) to 160 miles southeast of SIE to 20 miles northeast of Elizabeth City Cg Air Station/, Elizabeth City, NC (ECG) to HNV to 40 miles south of Henderson, Henderson, WV (HNN) to 40 miles west-south-west of CSN to Mid-State, Philipsburg, PA (PSB) to 40 miles west-north-west of East Texas, East Texas, PA (ETX) to 40 miles west of ALB

Moderate ice between freezing level and flight level 270. Freezing level from 11,000 feet mean sea level to 14,000 feet mean sea level. Conditions continuing through 2100Z.

AIRMET issued by the Aviation Weather Center Kansas City, Missouri on the 20th at 0845Z.

Miami Forecast Area AIRMET Tango prepared on the 20th at 0845Z.

AIRMET Tango update 1 for Turbulence strong winds and low level wind shear valid until the 20th at 1500Z.

AIRMET Turbulence...Florida Georgia North Carolina South Carolina And coastal waters

From 50 miles south-south-west of Volunteer, Knoxville, TN (VXV) to 20 miles north of FLO to 50 miles east of Treasure, Vero Beach, FL (TRV) to 20 miles northwest of Key West International, Key West, FL (EYW) to 110 miles west-north-west of Key West International, Key West, FL (EYW) to 90 miles west-south-west of PIE to 170 miles southeast of LEV to 20 miles north of Bob Sikes, Crestview, FL (CEW) to 50 miles southwest of Pecan, Albany, GA (PZD) to 40 miles west-north-west of ATL to 50 miles south-south-west of Volunteer, Knoxville, TN (VXV)

Moderate turbulence below flight level 180. Conditions developing 0900Z to 1200Z. Conditions continuing beyond 1500Z through 2100Z.

AIRMET issued by the Aviation Weather Center Kansas City, Missouri on the 20th at 0845Z.

Miami Forecast Area AIRMET Tango prepared on the 20th at 0845Z.

AIRMET Tango update 1 for Turbulence strong winds and low level wind shear valid until the 20th at 1500Z.

Outlook valid 1500Z to 2100Z

AREA 2... Turbulence Florida Georgia Maryland North Carolina South Carolina Virginia West Virginia And coastal waters

Bounded by 20 miles south of Henderson, Henderson, WV (HNN) to 30 miles west-south-west of SBY to 80 miles south of Elizabeth City Cg Air Station/, Elizabeth City, NC (ECG) to 60 miles northeast of Palm Beach International, West Palm Beach, FL (PBI) to 60 miles south-

south-east of MIA to 90 miles west-north-west of Key West International, Key West, FL (EYW) to 90 miles west-south-west of PIE to 200 miles south of Bob Sikes, Crestview, FL (CEW) to 20 miles west-north-west of Bob Sikes, Crestview, FL (CEW) to 50 miles southwest of Pecan, Albany, GA (PZD) to Choo Choo, Chattanooga, TN (GQO) to HMV to 20 miles south of Henderson, Henderson, WV (HNN)
Moderate turbulence below flight level 180. Conditions continuing through 2100Z.

AIRMET issued by the Aviation Weather Center Kansas City, Missouri on the 20th at 0845Z.
Miami Forecast Area AIRMET Tango prepared on the 20th at 0845Z.

AIRMET Tango update 1 for Turbulence strong winds and low level wind shear valid until the 20th at 1500Z.

AIRMET Turbulence...Florida Georgia North Carolina South Carolina And coastal waters
From 70 miles east of ORF to 90 miles south of Elizabeth City Cg Air Station/, Elizabeth City, NC (ECG) to 20 miles north of Palm Beach International, West Palm Beach, FL (PBI) to 90 miles west-south-west of PIE to 170 miles southeast of LEV to 130 miles east-south-east of LEV to 40 miles west of Bob Sikes, Crestview, FL (CEW) to 50 miles southwest of Pecan, Albany, GA (PZD) to Choo Choo, Chattanooga, TN (GQO) to HMV to 20 miles northeast of Elizabeth City Cg Air Station/, Elizabeth City, NC (ECG) to 70 miles east of ORF
Moderate turbulence between flight level 220 and 390. Conditions continuing beyond 1500Z through 2100Z.

AIRMET issued by the Aviation Weather Center Kansas City, Missouri on the 20th at 0935Z amendment.

Boston Forecast Area AIRMET Tango prepared on the 20th at 0935Z amendment.

AIRMET Tango update 2 for Turbulence valid until the 20th at 1500Z.

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 60 miles east-north-east of Quebec/Jean Lesage International (YQB) to Presque Isle, Presque Isle, ME (PQI) to 80 miles southeast of BGR to 70 miles southeast of Coyle, Coyle, NJ (CYN) to 70 miles east of ORF to 20 miles northeast of Elizabeth City Cg Air Station/, Elizabeth City, NC (ECG) 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 Ottawa Macdonald Cartier International (YOW) to Sherbrooke (YSC) to 60 miles east-north-east of Quebec/Jean Lesage International (YQB)
Moderate turbulence between flight level 220 and 390. Conditions continuing beyond 1500Z through 2100Z.

AIRMET issued by the Aviation Weather Center Kansas City, Missouri on the 20th at 0845Z.
Miami Forecast Area AIRMET Tango prepared on the 20th at 0845Z.

AIRMET Tango update 1 for Turbulence strong winds and low level wind shear valid until the 20th at 1500Z.

Outlook valid 1500Z to 2100Z

AREA 1... Turbulence Connecticut District of Columbia Delaware Florida Georgia Lake Erie Lake Ontario Massachusetts Maryland Maine North Carolina New Hampshire New Jersey New York Ohio Pennsylvania Rhode Island South Carolina Virginia Vermont West Virginia And

coastal waters

Bounded by 70 miles northwest of Presque Isle, Presque Isle, ME (PQI) to 60 miles northeast of Presque Isle, Presque Isle, ME (PQI) to 110 miles south-south-west of YSJ to Nantucket Memorial, Nantucket, MA (ACK) to 70 miles east of ORF to 110 miles south-south-east of ILM to 40 miles east of MIA to 110 miles west-north-west of Key West International, Key West, FL (EYW) to 90 miles west-south-west of PIE to 170 miles southeast of LEV to 130 miles east-south-east of LEV to 40 miles west of Bob Sikes, Crestview, FL (CEW) to 50 miles southwest of Pecan, Albany, GA (PZD) 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 30 miles southeast of ECK to Ottawa Macdonald Cartier International (YOW) to Sherbrooke (YSC) to 70 miles northwest of Presque Isle, Presque Isle, ME (PQI) Moderate turbulence between flight level 220 and 390. Conditions continuing through 2100Z.

AIRMET issued by the Aviation Weather Center Kansas City, Missouri on the 20th at 0845Z. Miami Forecast Area AIRMET Tango prepared on the 20th at 0845Z.

AIRMET Tango update 1 for Turbulence strong winds and low level wind shear valid until the 20th at 1500Z.

Outlook valid 1500Z to 2100Z

AREA 3... Strong surface winds Florida Georgia North Carolina South Carolina And coastal waters

Bounded by 50 miles south of ILM to 130 miles south-south-east of ILM to 200 miles east-north-east of Treasure, Vero Beach, FL (TRV) to 40 miles east-south-east of Treasure, Vero Beach, FL (TRV) to 40 miles southeast of Ormond Beach Municipal, Ormond Beach, FL (OMN) to 50 miles south of SAV to 50 miles south of ILM

Sustained surface winds greater than 30 knots expect. Conditions developing 1500Z to 1800Z. Conditions continuing through 2100Z.

AIRMET issued by the Aviation Weather Center Kansas City, Missouri on the 20th at 0845Z. Miami Forecast Area AIRMET Tango prepared on the 20th at 0845Z.

AIRMET Tango update 1 for Turbulence strong winds and low level wind shear valid until the 20th at 1500Z.

AIRMET Low level wind shear...Florida Georgia South Carolina And coastal waters

Bounded by 30 miles southeast of Foothills, Toccoa, SC (ODF) to 40 miles east-south-east of FLO to 120 miles east-north-east of Ormond Beach Municipal, Ormond Beach, FL (OMN) to 30 miles northeast of Palm Beach International, West Palm Beach, FL (PBI) to 20 miles south of Sarasota/Bradenton International, Sarasota/Bradenton, FL (SRQ) to 90 miles south-south-west of Tallahassee International, Tallahassee, FL (TLH) to 50 miles southwest of Pecan, Albany, GA (PZD) to 20 miles west of MCN to 30 miles southeast of Foothills, Toccoa, SC (ODF)

Low level wind shear expect. Conditions continuing beyond 1500Z through 2100Z.

***** Center Weather Advisory *****

No current Center Weather Advisory data for this briefing.

***** Severe Weather *****

No current Severe Weather data for this briefing.

***** UAS Operating Areas *****

UAS Operating Area (UOA). This section of the briefing contains UAS Operating Areas filed on the Leidos Pilot Web Portal and UAS operations issued via NOTAM. All published NOTAMs are available in the Notices to Airmen Publication (NTAP). Altitude filtering is applied to UOAs in this section of the briefing. All UOAs within 10nm of the departure, destination or alternates are shown; an en-route UOA is only shown where the flight plan altitude is within 2,000ft of the UOA's altitude range.

UAS Operating Area DEFINED AS 0.5NM RADIUS OF 282639.60N0815306.20W (16.8NM WSW FL5) SFC-100FT AGL DLY SR-SS 1901011220-1901062246.

UAS Operating Area DEFINED AS 0.5NM RADIUS OF 282639.60N0815306.20W (16.8NM WSW FL5) SFC-100FT AGL DLY SR-SS 1812141212-1812312242.

UAS Operating Area DEFINED AS 0.5NM RADIUS OF 302815N0812817.50W (8.4NM NNE CRG) SFC-400FT AGL TUE WED THU FRI MON SR-SS 1810231134-1903012325.

NOTAM UAS Operating Area RDU_12/280 DEFINED AS 5NM RADIUS OF SDZ159011.5 SFC-2000FT AGL 1812142244-1812230500.

NOTAM UAS Operating Area RDU_12/281 DEFINED AS SDZ145016 TO SDZ135016 TO SDZ130014 TO POINT OF ORIGIN SFC-2000FT AGL 1812142245-1812230500.

NOTAM UAS Operating Area DCA_12/241 DEFINED AS 4.2NM RADIUS OF BKT SFC-2500FT AGL 1812131318-1902132359.

NOTAM UAS Operating Area ILG_12/050 DEFINED AS .5NM RADIUS OF DQO282002.1 (2NM W ILG) SFC-300FT AGL 1812221300-1812230300.

***** Surface Observations *****

METAR KISM 201156Z Kissimmee Gateway, Orlando, FL (KISM). Dec 20, 1156Z. Light Rain, Wind from 130° at 5 knots, 10 statute miles visibility, Ceiling is Broken at 7,000 feet, Overcast at 8,000 feet, Temperature 18°C, Dewpoint 18°C, Altimeter is 29.80. Remarks: automated station with precipitation discriminator sea level pressure 1009.4 hectopascals indeterminate precipitation past 6 hours undetermined amount of precipitation in past 24 hours hourly temp 18.3°C dewpoint 17.8°C 6-hour max temp 18.3°C 6-hour min temp 16.7°C 3-hour atmospheric pressure decreasing then steady; or decreasing then decreasing more slowly by 1.3 hectopascals PNO \$

METAR KGIF 201153Z AUTO Winter Haven'S Gilbert, Winter Haven, FL (KGIF). Dec 20, 1153Z, Automated. Rain and Mist, Wind from 150° at 11 knots with gusts to 17 knots, 5 statute miles visibility, Few clouds at 800 feet, Ceiling is Broken at 2,800 feet, Overcast at 8,500 feet, Temperature 19°C, Dewpoint 19°C, Altimeter is 29.79. Remarks: automated station with precipitation discriminator sea level pressure 1008.6 hectopascals 0.11 inches

precipitation (water equivalent) in past hour 0.46 inches precipitation (water equivalent) past 6 hours 0.80 inches precipitation (water equivalent) in past 24 hours hourly temp 19.4°C;C dewpoint 18.9°C;C 6-hour max temp 19.4°C;C 6-hour min temp 17.2°C;C 3-hour atmospheric pressure decreasing then steady; or decreasing then decreasing more slowly by 0.4 hectopascals

METAR KMCO 201153Z Orlando International, Orlando, FL (KMCO). Dec 20, 1153Z. Rain and Mist, Wind from 140°; at 9 knots, 6 statute miles visibility, Few clouds at 4,200 feet, Ceiling is Broken at 7,000 feet, Overcast at 9,500 feet, Temperature 18°C;C, Dewpoint 17°C;C, Altimeter is 29.80. Remarks: automated station with precipitation discriminator sea level pressure 1008.9 hectopascals 0.20 inches precipitation (water equivalent) in past hour 0.28 inches precipitation (water equivalent) past 6 hours 0.36 inches precipitation (water equivalent) in past 24 hours hourly temp 18.3°C;C dewpoint 17.2°C;C 6-hour max temp 18.3°C;C 6-hour min temp 16.7°C;C 3-hour atmospheric pressure decreasing then steady; or decreasing then decreasing more slowly by 1.3 hectopascals

METAR KORL 201153Z AUTO Executive, Orlando, FL (KORL). Dec 20, 1153Z, Automated. Rain and Mist, Wind from 130°; at 8 knots, 6 statute miles visibility, Scattered Clouds at 3,900 feet, Ceiling is Broken at 4,900 feet, Overcast at 7,000 feet, Temperature 18°C;C, Dewpoint 18°C;C, Altimeter is 29.80. Remarks: automated station with precipitation discriminator sea level pressure 1009.4 hectopascals indeterminate precipitation past 6 hours undetermined amount of precipitation in past 24 hours hourly temp 18.3°C;C dewpoint 17.8°C;C 6-hour max temp 18.3°C;C 6-hour min temp 16.7°C;C 3-hour atmospheric pressure decreasing then steady; or decreasing then decreasing more slowly by 1.2 hectopascals PNO \$

METAR KSFB 201153Z Orlando Sanford International, Orlando, FL (KSFB). Dec 20, 1153Z. Rain and Mist, Wind from 150°; at 6 knots, 5 statute miles visibility, Ceiling is Broken at 2,300 feet, Broken Clouds at 4,600 feet, Overcast at 7,000 feet, Temperature 18°C;C, Dewpoint 18°C;C, Altimeter is 29.80. Remarks: automated station with precipitation discriminator sea level pressure 1009.0 hectopascals 0.19 inches precipitation (water equivalent) in past hour 0.27 inches precipitation (water equivalent) past 6 hours 0.30 inches precipitation (water equivalent) in past 24 hours hourly temp 18.3°C;C dewpoint 17.8°C;C 6-hour max temp 18.3°C;C 6-hour min temp 16.7°C;C 3-hour atmospheric pressure steady or increasing, then decreasing; or decreasing then decreasing more rapidly by 1.0 hectopascal \$

METAR KLEE 201153Z Leesburg International, Leesburg, FL (KLEE). Dec 20, 1153Z. Rain and Mist, Wind from 100°; at 6 knots, 6 statute miles visibility, Ceiling is Broken at 1,200 feet, Broken Clouds at 2,100 feet, Overcast at 3,300 feet, Temperature 17°C;C, Dewpoint 17°C;C, Altimeter is 29.79. Remarks: automated station with precipitation discriminator sea level pressure 1008.5 hectopascals 0.26 inches precipitation (water equivalent) in past hour 0.45 inches precipitation (water equivalent) past 6 hours 0.49 inches precipitation (water equivalent) in past 24 hours hourly temp 17.2°C;C dewpoint 16.7°C;C 6-hour max temp 17.2°C;C 6-hour min temp 16.7°C;C 3-hour atmospheric pressure steady or increasing, then decreasing; or decreasing then decreasing more rapidly by 0.6 hectopascals

METAR KDED 201155Z AUTO Deland Muni-Sidney H Taylor FD, Deland, FL (KDED). Dec 20, 1155Z, Automated. Rain and Mist, Wind from 130° at 5 knots, 5 statute miles visibility, Scattered Clouds at 3,100 feet, Scattered Clouds at 7,500 feet, Ceiling is Overcast at 10,000 feet, Temperature 18°C, Dewpoint 18°C, Altimeter is 29.80. Remarks: automated station with precipitation discriminator

METAR KEVB 201150Z KEVB 201150Z 25004KT 2SM RABR BKN004 OVC11 19/18 A2981 RMK FIRST

METAR KDAB 201153Z Daytona Beach International, Daytona Beach, FL (KDAB). Dec 20, 1153Z. Light Rain and Mist, Wind is variable at 5 knots, 2 statute miles visibility, Scattered Clouds at 1,700 feet, Scattered Clouds at 2,600 feet, Ceiling is Overcast at 10,000 feet, Temperature 19°C, Dewpoint 19°C, Altimeter is 29.80. Remarks: automated station with precipitation discriminator surface visibility 4 statute miles sea level pressure 1009.1 hectopascals 0.22 inches precipitation (water equivalent) in past hour 0.31 inches precipitation (water equivalent) past 6 hours 0.32 inches precipitation (water equivalent) in past 24 hours hourly temp 18.9°C dewpoint 18.9°C 6-hour max temp 19.4°C 6-hour min temp 16.7°C 3-hour atmospheric pressure steady or increasing, then decreasing; or decreasing then decreasing more rapidly by 1.2 hectopascals

METAR KOMN 201150Z Ormond Beach Municipal, Ormond Beach, FL (KOMN). Dec 20, 1150Z. Rain, Wind is Calm, 3 statute miles visibility, Scattered Clouds at 1,900 feet, Ceiling is Broken at 2,600 feet, Temperature 18°C, Dewpoint 18°C, Altimeter is 29.80. Remarks: first

METAR KFIN 201150Z Flagler Executive, Palm Coast, FL (KFIN). Dec 20, 1150Z. Rain, Wind from 180° at 4 knots, 4 statute miles visibility, Scattered Clouds at 800 feet, Ceiling is Overcast at 1,400 feet, Temperature 18°C, Dewpoint 18°C, Altimeter is 29.82.

METAR K28J 201155Z AUTO Palatka Municipal - LT Kay Larkin F, Palatka, FL (K28J). Dec 20, 1155Z, Automated. Rain, Wind from 200° at 4 knots, 1 and 3/4 statute miles visibility, Ceiling is Broken at 1,100 feet, Overcast at 2,900 feet, Temperature 18°C, Dewpoint 18°C, Altimeter is 29.81. Remarks: automated station with precipitation discriminator 0.24 inches precipitation (water equivalent) in past hour

METAR KSGJ 201156Z Northeast Florida Regional, St. Augustine, FL (KSGJ). Dec 20, 1156Z. Rain and Mist, Wind from 150° at 11 knots, 6 statute miles visibility, Scattered Clouds at 2,600 feet, Ceiling is Broken at 3,700 feet, Overcast at 7,000 feet, Temperature 18°C, Dewpoint 18°C, Altimeter is 29.80. Remarks: automated station with precipitation discriminator sea level pressure 1009.1 hectopascals 0.13 inches precipitation (water equivalent) in past hour 0.22 inches precipitation (water equivalent) past 6 hours 0.22 inches precipitation (water equivalent) in past 24 hours hourly temp 18.3°C dewpoint 17.8°C 6-hour max temp 18.3°C 6-hour min temp 17.2°C 3-hour atmospheric pressure steady or increasing, then decreasing; or decreasing then decreasing more rapidly by 0.6 hectopascals

METAR KCRG 201153Z Jacksonville Executive, Jacksonville, FL (KCRG). Dec 20, 1153Z.

Rain and Mist, Wind from 180°; at 6 knots, 5 statute miles visibility, Few clouds at 1,400 feet, Ceiling is Broken at 5,500 feet, Overcast at 10,000 feet, Temperature 18°C, Dewpoint 18°C, Altimeter is 29.80. Remarks: automated station with precipitation discriminator sea level pressure 1008.9 hectopascals 0.04 inches precipitation (water equivalent) in past hour 0.12 inches precipitation (water equivalent) past 6 hours 0.13 inches precipitation (water equivalent) in past 24 hours hourly temp 17.8°C dewpoint 17.8°C 6-hour max temp 18.3°C 6-hour min temp 13.9°C 3-hour atmospheric pressure steady or increasing, then decreasing; or decreasing then decreasing more rapidly by 1.0 hectopascal

METAR KNRB 201152Z Mayport Ns(Adm David L Mcdonal, Mayport, FL (KNRB). Dec 20, 1152Z. Light Rain and Mist, Wind from 160°; at 7 knots, 5 statute miles visibility, Ceiling is Broken at 4,000 feet, Overcast at 10,000 feet, Temperature 18°C, Dewpoint 17°C, Altimeter is 29.79. Remarks: automated station with precipitation discriminator sea level pressure 1008.8 hectopascals 0.05 inches precipitation (water equivalent) in past hour 0.13 inches precipitation (water equivalent) past 6 hours 0.15 inches precipitation (water equivalent) in past 24 hours hourly temp 18.3°C dewpoint 17.2°C 6-hour max temp 18.3°C 6-hour min temp 15.0°C 3-hour atmospheric pressure steady or increasing, then decreasing; or decreasing then decreasing more rapidly by 1.3 hectopascals \$

METAR KFHB 201155Z AUTO Fernandina Beach Municipal, Fernandina Beach, FL (KFHB). Dec 20, 1155Z, Automated. Light Rain, Wind from 150°; at 7 knots, 10 statute miles visibility, Scattered Clouds at 10,000 feet, Scattered Clouds at 12,000 feet, Temperature 16°C, Dewpoint 16°C, Altimeter is 29.79. Remarks: automated station with precipitation discriminator 0.03 inches precipitation (water equivalent) in past hour hourly temp 16.5°C dewpoint 16.0°C 6-hour max temp 17.4°C 6-hour min temp 14.3°C 0.06 inches precipitation (water equivalent) past 6 hours 0.06 inches precipitation (water equivalent) in past 24 hours

METAR KHXD 201150Z Hilton Head Island, Hilton Head Island, SC (KHXD). Dec 20, 1150Z. Drizzle, Wind from 150°; at 10 knots with gusts to 18 knots, 6 statute miles visibility, Ceiling is Broken at 2,300 feet, Overcast at 6,000 feet, Temperature 17°C, Dewpoint 13°C, Altimeter is 29.85.

METAR KARW 201155Z AUTO Beaufort County, Beaufort, SC (KARW). Dec 20, 1155Z, Automated. Light Rain, Wind from 180°; at 13 knots with gusts to 20 knots, 10 statute miles visibility, Scattered Clouds at 4,400 feet, Ceiling is Broken at 8,500 feet, Broken Clouds at 10,000 feet, Temperature 16°C, Dewpoint 13°C, Altimeter is 29.83. Remarks: automated station with precipitation discriminator

METAR KNBC 201156Z Beaufort MCAS /Merritt Field/, Beaufort, SC (KNBC). Dec 20, 1156Z. Wind from 130°; at 3 knots, 10 statute miles visibility, Scattered Clouds at 5,500 feet, Ceiling is Overcast at 9,000 feet, Temperature 14°C, Dewpoint 14°C, Altimeter is 29.83. Remarks: automated station with precipitation discriminator sea level pressure 1010.3 hectopascals first 0.01 inches precipitation (water equivalent) past 6 hours 0.01 inches precipitation (water equivalent) in past 24 hours hourly temp 14.4°C dewpoint 14.4°C 6-hour max temp 15.6°C 6-hour min temp 13.3°C 3-hour

atmospheric pressure steady or increasing, then decreasing; or decreasing then decreasing more rapidly by 1.5 hectopascals

METAR KJZI 201155Z AUTO Charleston Executive, Charleston, SC (KJZI). Dec 20, 1155Z, Automated. Mist, Wind from 180°; at 10 knots, 2 and 1/2 statute miles visibility, Few clouds at 200 feet, Ceiling is Broken at 600 feet, Overcast at 1,200 feet, Temperature 17°C, Dewpoint 17°C, Altimeter is 29.86. Remarks: automated station with precipitation discriminator 0.24 inches precipitation (water equivalent) in past hour PWINO

SPECI KCHS 201202Z Special, Charleston Afb/Intl, Charleston, SC (KCHS). Dec 20, 1202Z. Light Rain and Mist, Wind from 110°; at 3 knots, 2 statute miles visibility, Few clouds at 800 feet, Ceiling is Broken at 1,500 feet, Overcast at 2,500 feet, Temperature 15°C, Dewpoint 14°C, Altimeter is 29.86. Remarks: automated station with precipitation discriminator 0.05 inches precipitation (water equivalent) in past hour hourly temp 15.0°C dewpoint 14.4°C

METAR KDYB 201155Z AUTO Summerville, Summerville, SC (KDYB). Dec 20, 1155Z, Automated. Drizzle, Wind from 100°; at 3 knots, 7 statute miles visibility, Scattered Clouds at 500 feet, Scattered Clouds at 1,200 feet, Ceiling is Overcast at 2,000 feet, Temperature 13°C, Dewpoint 13°C, Altimeter is 29.87. Remarks: automated station without precipitation discriminator

METAR KLRO 201215Z AUTO MT Pleasant Rgnl-Faison Field, Mount Pleasant, SC (KLRO). Dec 20, 1215Z, Automated. Heavy Rain, Wind from 160°; at 7 knots, 1 and 3/4 statute miles visibility, Scattered Clouds at 100 feet, Ceiling is Overcast at 800 feet, Temperature 17°C, Dewpoint 17°C, Altimeter is 29.86. Remarks: automated station with precipitation discriminator 0.12 inches precipitation (water equivalent) in past hour

METAR KMKS 201155Z AUTO Berkeley County, Moncks Corner, SC (KMKS). Dec 20, 1155Z, Automated. Heavy Rain, Wind from 090°; at 3 knots, 2 statute miles visibility, Ceiling is Broken at 300 feet, Broken Clouds at 1,800 feet, Overcast at 2,800 feet, Temperature 14°C, Dewpoint 14°C, Altimeter is 29.86. Remarks: automated station with precipitation discriminator visibility from 1 1/4 to 3 statute miles 0.28 inches precipitation (water equivalent) in past hour

METAR KMNI 201215Z AUTO Manning/Santee Cooper Regional, Manning, SC (KMNI). Dec 20, 1215Z, Automated. Heavy Rain, Wind is Calm, 3 statute miles visibility, Scattered Clouds at 400 feet, Ceiling is Broken at 2,700 feet, Overcast at 3,300 feet, Temperature 11°C, Dewpoint 11°C, Altimeter is 29.87. Remarks: automated station with precipitation discriminator 0.05 inches precipitation (water equivalent) in past hour

METAR KGGE 201215Z AUTO Georgetown County, Georgetown, SC (KGGE). Dec 20, 1215Z, Automated. Light Rain, Wind from 080°; at 3 knots, 10 statute miles visibility, Ceiling is Broken at 4,800 feet, Overcast at 5,000 feet, Temperature 14°C, Dewpoint 13°C, Altimeter is 29.88. Remarks: automated station with precipitation discriminator 0.01 inches precipitation (water equivalent) in past hour

METAR KCKI 201215Z AUTO Williamsburg Regional, Kingstree, SC (KCKI). Dec 20, 1215Z, Automated. Rain, Wind from 040° at 3 knots, 7 statute miles visibility, Ceiling is Broken at 3,800 feet, Overcast at 5,000 feet, Temperature 10°C, Dewpoint 10°C, Altimeter is 29.88. Remarks: automated station with precipitation discriminator

METAR KHYW 201155Z AUTO Conway-Horry CO, Conway, SC (KHYW). Dec 20, 1155Z, Automated. Rain, Wind is Calm, 10 statute miles visibility, Scattered Clouds at 6,000 feet, Temperature 11°C, Dewpoint 11°C, Altimeter is 29.91. Remarks: automated station with precipitation discriminator

METAR KFLO 201153Z Florence Regional, Florence, SC (KFLO). Dec 20, 1153Z. Light Rain and Mist, Wind from 020° at 5 knots, 6 statute miles visibility, Scattered Clouds at 3,100 feet, Scattered Clouds at 4,000 feet, Ceiling is Overcast at 4,900 feet, Temperature 9°C, Dewpoint 8°C, Altimeter is 29.92. Remarks: automated station with precipitation discriminator rain began 4 minutes past the hour sea level pressure 1012.8 hectopascals 0.03 inches precipitation (water equivalent) in past hour 0.03 inches precipitation (water equivalent) past 6 hours 0.03 inches precipitation (water equivalent) in past 24 hours hourly temp 9.4°C dewpoint 8.3°C 6-hour max temp 10.0°C 6-hour min temp 9.4°C 3-hour atmospheric pressure steady or increasing, then decreasing; or decreasing then decreasing more rapidly by 1.2 hectopascals

METAR KMAO 201215Z AUTO Marion CO, Marion, SC (KMAO). Dec 20, 1215Z, Automated. Light Rain, Wind from 060° at 4 knots, 10 statute miles visibility, Ceiling is Overcast at 6,000 feet, Temperature 10°C, Dewpoint 9°C, Altimeter is 29.92. Remarks: automated station with precipitation discriminator

METAR KLBT 201154Z AUTO Lumberton Regional, Lumberton, NC (KLBT). Dec 20, 1154Z, Automated. Light Rain, Wind from 070° at 5 knots, 10 statute miles visibility, Ceiling is Broken at 7,000 feet, Overcast at 8,500 feet, Temperature 10°C, Dewpoint 8°C, Altimeter is 29.93. Remarks: automated station with precipitation discriminator rain began 12 minutes past the hour sea level pressure 1013.5 hectopascals less than 0.01 inches precipitation (water equivalent) in past hour trace of precipitation past 6 hours hourly temp 10.0°C dewpoint 7.8°C 6-hour max temp 10.0°C 6-hour min temp 9.4°C 3-hour atmospheric pressure steady or increasing, then decreasing; or decreasing then decreasing more rapidly by 0.9 hectopascals

SPECI KMEB 201209Z AUTO Special, Laurinburg Maxton, Maxton, NC (KMEB). Dec 20, 1209Z, Automated. 7 statute miles visibility, Scattered Clouds at 700 feet, Ceiling is Broken at 3,900 feet, Overcast at 6,000 feet, Temperature 9°C, Dewpoint 8°C, Altimeter is 29.94. Remarks: automated station with precipitation discriminator rain ended 1157Z less than 0.01 inches precipitation (water equivalent) in past hour hourly temp 9.4°C dewpoint 7.8°C

METAR KEYF 201200Z AUTO Curtis L Brown Jr Field, Elizabethtown, NC (KEYF). Dec 20, 1200Z, Automated. Wind is Calm, 10 statute miles visibility, Ceiling is Overcast at 400 feet,

Temperature 10°C, Dewpoint 9°C, Altimeter is 29.95. Remarks: automated station with precipitation discriminator PWINO hourly temp 9.7°C dewpoint 8.7°C

METAR KFAY 201153Z Fayetteville Rgnl/Grannis Field, Fayetteville, NC (KFAY). Dec 20, 1153Z. Wind from 020° at 6 knots, 10 statute miles visibility, Few clouds at 500 feet, Scattered Clouds at 4,000 feet, Ceiling is Overcast at 10,000 feet, Temperature 9°C, Dewpoint 6°C, Altimeter is 29.95. Remarks: automated station with precipitation discriminator sea level pressure 1013.6 hectopascals hourly temp 8.9°C dewpoint 5.6°C 6-hour max temp 8.9°C 6-hour min temp 7.8°C 3-hour atmospheric pressure decreasing then steady; or decreasing then decreasing more slowly by 1.1 hectopascals

SPECI KPOB 201202Z AUTO Special, Pope Army Airfield, Fayetteville, NC (KPOB). Dec 20, 1202Z, Automated. Wind from 080° at 4 knots, 10 statute miles visibility, Ceiling is Overcast at 600 feet, Temperature 8°C, Dewpoint 5°C, Altimeter is 29.95. Remarks: automated station with precipitation discriminator drizzle began 1156Z ended 2 minutes past the hour sea level pressure 1014.5 hectopascals \$

SPECI KFBG 201211Z AUTO Special, Simmons Army Airfield, Fort Bragg, NC (KFBG). Dec 20, 1211Z, Automated. Wind from 050° at 4 knots, 10 statute miles visibility, Ceiling is Broken at 500 feet, Overcast at 8,000 feet, Temperature 9°C, Dewpoint 7°C, Altimeter is 29.93. Remarks: automated station with precipitation discriminator rain ended 11 minutes past the hour broken variable OVCSLP138 \$

METAR KCTZ 201200Z AUTO Clinton-Sampson County, Clinton, NC (KCTZ). Dec 20, 1200Z, Automated. Wind is Calm, 7 statute miles visibility, Ceiling is Overcast at 400 feet, Temperature 11°C, Dewpoint 11°C, Altimeter is 29.97. Remarks: automated station with precipitation discriminator hourly temp 10.5°C dewpoint 10.5°C

METAR KHRJ 201200Z AUTO Harnett Regional Jetport, Erwin, NC (KHRJ). Dec 20, 1200Z, Automated. Wind from 070° at 3 knots, 10 statute miles visibility, Ceiling is Overcast at 600 feet, Temperature 10°C, Dewpoint 7°C, Altimeter is 29.97. Remarks: automated station with precipitation discriminator hourly temp 9.5°C dewpoint 7.1°C

METAR KJNX 201210Z AUTO Johnston Regional, Smithfield, NC (KJNX). Dec 20, 1210Z, Automated. Wind is Calm, 10 statute miles visibility, Ceiling is Overcast at 700 feet, Temperature 9°C, Dewpoint 8°C, Altimeter is 29.97. Remarks: automated station with precipitation discriminator

METAR KGWW 201200Z AUTO Wayne Executive Jetport, Goldsboro, NC (KGWW). Dec 20, 1200Z, Automated. Light Rain, Wind is Calm, 10 statute miles visibility, Ceiling is Overcast at 400 feet, Temperature 9°C, Dewpoint 9°C, Altimeter is 29.99. Remarks: automated station with precipitation discriminator hourly temp 8.9°C dewpoint 8.9°C

METAR KRDU 201151Z Raleigh/Durham International, Raleigh/Durham, NC (KRDU). Dec 20, 1151Z. Wind from 080° at 3 knots, 10 statute miles visibility, Ceiling is Overcast at

800 feet, Temperature 8°C, Dewpoint 6°C, Altimeter is 29.99. Remarks: automated station with precipitation discriminator sea level pressure 1015.4 hectopascals hourly temp 7.8°C dewpoint 5.6°C 6-hour max temp 8.3°C 6-hour min temp 7.8°C 3-hour atmospheric pressure decreasing, then increasing (0.6 hectopascal decrease)

METAR KLHZ 201200Z AUTO Triangle North Executive, Louisburg, NC (KLHZ). Dec 20, 1200Z, Automated. 10 statute miles visibility, Ceiling is Overcast at 600 feet, Temperature 6°C, Dewpoint 5°C, Altimeter is 30.02. Remarks: automated station with precipitation discriminator

SPECI KRWI 201206Z AUTO Special, Rocky Mount-Wilson Regional, Rocky Mount, NC (KRWI). Dec 20, 1206Z, Automated. Wind from 030° at 3 knots, 9 statute miles visibility, Ceiling is Overcast at 400 feet, Temperature 8°C, Dewpoint 7°C, Altimeter is 29.99. Remarks: automated station with precipitation discriminator hourly temp 8.3°C dewpoint 7.2°C

METAR KIXA 201200Z AUTO Halifax-Northampton Regional, Roanoke Rapids, NC (KIXA). Dec 20, 1200Z, Automated. Wind is Calm, 10 statute miles visibility, Ceiling is Overcast at 400 feet, Temperature 5°C, Dewpoint 5°C, Altimeter is 30.01. Remarks: automated station with precipitation discriminator

METAR KAVC 201155Z AUTO Mecklenburg-Brunswick Regional, South Hill, VA (KAVC). Dec 20, 1155Z, Automated. Wind is Calm, 10 statute miles visibility, Ceiling is Overcast at 600 feet, Temperature 6°C, Dewpoint 4°C, Altimeter is 30.05. Remarks: automated station with precipitation discriminator undetermined amount of precipitation in past 24 hours hourly temp 6.1°C dewpoint 3.8°C 6-hour max temp 6.1°C 6-hour min temp 4.1°C

METAR KLVL 201155Z AUTO Lawrenceville/Brunswick Municipal, Lawrenceville, VA (KLVL). Dec 20, 1155Z, Automated. 10 statute miles visibility, Ceiling is Overcast at 700 feet, Temperature 7°C, Dewpoint 4°C, Altimeter is 30.01. Remarks: automated station without precipitation discriminator hourly temp 6.5°C dewpoint 3.5°C 6-hour max temp 6.7°C 6-hour min temp 5.0°C

METAR KEMV 201156Z AUTO Emporia-Greensville Regional, Emporia, VA (KEMV). Dec 20, 1156Z, Automated. Wind is Calm, 10 statute miles visibility, Ceiling is Overcast at 600 feet, Temperature 6°C, Dewpoint 6°C, Altimeter is 30.02. Remarks: automated station with precipitation discriminator

METAR KPTB 201155Z AUTO Dinwiddie County, Petersburg, VA (KPTB). Dec 20, 1155Z, Automated. Light Rain, Wind is Calm, 10 statute miles visibility, Ceiling is Overcast at 1,100 feet, Temperature 5°C, Dewpoint 2°C, Altimeter is 30.03. Remarks: automated station with precipitation discriminator hourly temp 5.3°C dewpoint 2.3°C 6-hour max temp 5.6°C 6-hour min temp 2.6°C

SPECI KAKQ 201202Z AUTO Special, Wakefield Municipal, Wakefield, VA (KAKQ). Dec 20,

1202Z, Automated. Light Rain and Mist, Wind from 090° at 6 knots, 4 statute miles visibility, Ceiling is Broken at 400 feet, Overcast at 1,400 feet, Temperature 7°C, Dewpoint 6°C, Altimeter is 30.03. Remarks: automated station with precipitation discriminator less than 0.01 inches precipitation (water equivalent) in past hour hourly temp 6.7°C dewpoint 6.1°C

METAR KFCI 201156Z AUTO Richmond Executive, Richmond, VA (KFCI). Dec 20, 1156Z, Automated. Light Rain, Wind is Calm, 10 statute miles visibility, Ceiling is Overcast at 1,300 feet, Temperature 6°C, Dewpoint 2°C, Altimeter is 30.02. Remarks: automated station with precipitation discriminator rain began 1059Z ended 19 minutes past the hour began 49 minutes past the hour sea level pressure 1018.5 hectopascals less than 0.01 inches precipitation (water equivalent) in past hour trace of precipitation past 6 hours hourly temp 5.6°C dewpoint 2.2°C 6-hour max temp 5.6°C 6-hour min temp 1.7°C 3-hour atmospheric pressure steady or increasing, then decreasing; or decreasing then decreasing more rapidly by 1.0 hectopascal

SPECI KRIC 201213Z Special, Richmond International, Richmond, VA (KRIC). Dec 20, 1213Z. Wind from 100° at 7 knots, 10 statute miles visibility, Ceiling is Overcast at 1,300 feet, Temperature 6°C, Dewpoint 2°C, Altimeter is 30.02. Remarks: automated station with precipitation discriminator drizzle ended 0 minutes past the hour less than 0.01 inches precipitation (water equivalent) in past hour hourly temp 6.1°C dewpoint 2.2°C

METAR KJGG 201155Z AUTO Williamsburg-Jamestown, Williamsburg, VA (KJGG). Dec 20, 1155Z, Automated. Wind is Calm, 1 statute mile visibility, Ceiling is Overcast at 500 feet, Temperature 7°C, Dewpoint 7°C, Altimeter is 30.05. Remarks: automated station without precipitation discriminator 0.10 inches precipitation (water equivalent) in past hour

METAR KW96 201155Z AUTO New Kent County, Quinton, VA (KW96). Dec 20, 1155Z, Automated. Wind is Calm, 10 statute miles visibility, Ceiling is Overcast at 1,600 feet, Temperature 6°C, Dewpoint 3°C, Altimeter is 30.04. Remarks: automated station without precipitation discriminator hourly temp 6.0°C dewpoint 2.5°C 6-hour max temp 6.0°C 6-hour min temp 0.7°C

SPECI KOFP 201201Z AUTO Special, Hanover County Municipal, Richmond/Ashland, VA (KOPF). Dec 20, 1201Z, Automated. Wind from 080° at 3 knots, 10 statute miles visibility, Ceiling is Overcast at 1,400 feet, Temperature 6°C, Dewpoint 1°C, Altimeter is 30.04. Remarks: automated station with precipitation discriminator hourly temp 5.6°C dewpoint 1.1°C

METAR KFYJ 201155Z AUTO Middle Peninsula Regional, West Point, VA (KFYJ). Dec 20, 1155Z, Automated. Wind from 090° at 6 knots, 3 statute miles visibility, Ceiling is Overcast at 1,400 feet, Temperature 6°C, Dewpoint 5°C, Altimeter is 30.06. Remarks: automated station without precipitation discriminator hourly temp 5.9°C dewpoint 5.0°C 6-hour max temp 6.1°C 6-hour min temp 2.6°C

METAR KW75 201155Z AUTO Saluda/Hummel Field, Saluda, VA (KW75). Dec 20, 1155Z, Automated. Wind from 100°; at 3 knots, 10 statute miles visibility, Ceiling is Overcast at 2,100 feet, Temperature 7°C, Dewpoint 7°C, Altimeter is 30.06. Remarks: automated station without precipitation discriminator hourly temp 6.8°C dewpoint 6.8°C 6-hour max temp 6.8°C 6-hour min temp 2.0°C

METAR KXSA 201155Z AUTO Tappahannock-Essex County, Tappahannock, VA (KXSA). Dec 20, 1155Z, Automated. Wind is Calm, 10 statute miles visibility, Ceiling is Overcast at 2,400 feet, Temperature 4°C, Dewpoint 3°C, Altimeter is 30.05. Remarks: automated station with precipitation discriminator hourly temp 4.1°C dewpoint 2.6°C 6-hour max temp 4.1°C 6-hour min temp -1.5°C

METAR KNUI 201153Z AUTO Webster Naval Outlying Field, St. Inigoes, MD (KNUI). Dec 20, 1153Z, Automated. Wind from 070°; at 5 knots, 10 statute miles visibility, Scattered Clouds at 2,800 feet, Ceiling is Broken at 3,500 feet, Overcast at 4,800 feet, Temperature 6°C, Dewpoint 5°C, Altimeter is 30.05. Remarks: automated station with precipitation discriminator sea level pressure 1017.4 hectopascals hourly temp 6.1°C dewpoint 5.0°C 6-hour max temp 6.1°C 6-hour min temp -0.6°C 3-hour atmospheric pressure steady or increasing, then decreasing; or decreasing then decreasing more rapidly by 1.0 hectopascal

METAR K2W6 201203Z AUTO St. Mary'S County Regional, Leonardtown, MD (K2W6). Dec 20, 1203Z, Automated. Wind from 080°; at 3 knots, 10 statute miles visibility, Ceiling is Broken at 3,000 feet, Overcast at 3,600 feet, Temperature 5°C, Dewpoint 4°C, Altimeter is 30.07. Remarks: automated station without precipitation discriminator

METAR KNHK 201152Z Patuxent River Nas-Trapnell FD, Patuxent River, MD (KNHK). Dec 20, 1152Z. Wind from 100°; at 7 knots, 10 statute miles visibility, Ceiling is Overcast at 3,100 feet, Temperature 7°C, Dewpoint 7°C, Altimeter is 30.06. Remarks: automated station with precipitation discriminator sea level pressure 1017.8 hectopascals hourly temp 7.2°C dewpoint 6.7°C 6-hour max temp 7.8°C 6-hour min temp 0.6°C 3-hour atmospheric pressure decreasing then steady; or decreasing then decreasing more slowly by 0.7 hectopascals

METAR KCGE 201200Z AUTO Cambridge-Dorchester Regional, Cambridge, MD (KCGE). Dec 20, 1200Z, Automated. Wind is Calm, 10 statute miles visibility, Ceiling is Overcast at 3,300 feet, Temperature 3°C, Dewpoint 2°C, Altimeter is 30.08. Remarks: A01

METAR KESN 201150Z Easton/Newnam Field, Easton, MD (KESN). Dec 20, 1150Z. Wind is Calm, 7 statute miles visibility, Ceiling is Broken at 4,000 feet, Temperature 2°C, Dewpoint 2°C, Altimeter is 30.12.

METAR KW29 201200Z AUTO Bay Bridge, Stevensville, MD (KW29). Dec 20, 1200Z, Automated. Mist, Wind from 130°; at 4 knots, 7 statute miles visibility, Ceiling is Broken at 3,900 feet, Broken Clouds at 5,500 feet, Temperature 3°C, Dewpoint 2°C, Altimeter is 30.08. Remarks: automated station with precipitation discriminator

METAR KDOV 201156Z AUTO Dover Air Force Base, Dover, DE (KDOV). Dec 20, 1156Z, Automated. Mist, Wind is Calm, 5 statute miles visibility, Clear Skies, Temperature -1°C, Dewpoint -1°C, Altimeter is 30.09. Remarks: automated station with precipitation discriminator sea level pressure 1019.3 hectopascals hourly temp -1.1°C dewpoint -1.5°C 6-hour max temp 1.3°C 6-hour min temp -1.4°C 3-hour atmospheric pressure decreasing, then increasing (0.1 hectopascal decrease) \$

METAR KMIV 201154Z AUTO Millville, Millville, NJ (KMIV). Dec 20, 1154Z, Automated. Wind is Calm, 10 statute miles visibility, Clear Skies, Temperature -3°C, Dewpoint -4°C, Altimeter is 30.11. Remarks: automated station with precipitation discriminator sea level pressure 1019.5 hectopascals I6000 hourly temp -3.3°C dewpoint -4.4°C 6-hour max temp -2.8°C 6-hour min temp -4.4°C 3-hour atmospheric pressure increasing, then decreasing (0.3 hectopascal increase)

METAR KILG 201151Z New Castle, Wilmington, DE (KILG). Dec 20, 1151Z. Mist, Wind from 010° at 4 knots, 6 statute miles visibility, Clear Skies, Temperature -3°C, Dewpoint -3°C, Altimeter is 30.11. Remarks: automated station with precipitation discriminator sea level pressure 1019.8 hectopascals I1000 I6000 hourly temp -2.8°C dewpoint -3.3°C 6-hour max temp -0.6°C 6-hour min temp -3.3°C 3-hour atmospheric pressure increasing, then decreasing (0.5 hectopascal increase) \$

SPECI KPHL 201213Z Special, Philadelphia International, Philadelphia, PA (KPHL). Dec 20, 1213Z. Mist, Wind from 050° at 3 knots, 6 statute miles visibility, Ceiling is Broken at 28,000 feet, Temperature -1°C, Dewpoint -1°C, Altimeter is 30.11. Remarks: automated station with precipitation discriminator hourly temp -0.6°C dewpoint -1.1°C \$

METAR KWAY 201154Z AUTO South Jersey Regional, Mount Holly, NJ (KWAY). Dec 20, 1154Z, Automated. Wind is Calm, 10 statute miles visibility, Clear Skies, Temperature -4°C, Dewpoint -6°C, Altimeter is 30.12. Remarks: automated station with precipitation discriminator sea level pressure 1020.1 hectopascals I1000 I6000 hourly temp -3.9°C dewpoint -5.6°C 6-hour max temp -2.8°C 6-hour min temp -4.4°C 3-hour atmospheric pressure decreasing or steady, then increasing; or increasing then increasing more rapidly by 0.6 hectopascals \$

METAR KLOM 201155Z AUTO Wings Field, Philadelphia, PA (KLOM). Dec 20, 1155Z, Automated. Wind is Calm, 7 statute miles visibility, Clear Skies, Temperature -4°C, Dewpoint -4°C, Altimeter is 30.13. Remarks: automated station without precipitation discriminator

METAR KPNE 201154Z Northeast Philadelphia, Philadelphia, PA (KPNE). Dec 20, 1154Z. Wind is Calm, 7 statute miles visibility, Clear Skies, Temperature -2°C, Dewpoint -5°C, Altimeter is 30.14. Remarks: automated station with precipitation discriminator sea level pressure 1020.5 hectopascals hourly temp -2.2°C dewpoint -5.0°C 6-hour max temp -1.1°C 6-hour min temp -2.8°C 3-hour atmospheric pressure decreasing or

steady, then increasing; or increasing then increasing more rapidly by 0.9 hectopascals

METAR KWRI 201156Z AUTO Mc Guire Field (Joint Base McGuire, Wrightstown, NJ (KWRI). Dec 20, 1156Z, Automated. Wind is Calm, 10 statute miles visibility, Clear Skies, Temperature -4°C, Dewpoint -5°C, Altimeter is 30.09. Remarks: automated station with precipitation discriminator sea level pressure 1019.1 hectopascals hourly temp -4.4°C dewpoint -5.5°C 6-hour max temp -2.3°C 6-hour min temp -4.5°C 3-hour atmospheric pressure increasing steadily or unsteadily by 0.8 hectopascals \$

METAR KNEL 201200Z AUTO Lakehurst Maxfield Field, Lakehurst, NJ (KNEL). Dec 20, 1200Z, Automated. Wind is Calm, Temperature -4°C, Dewpoint -4°C, Altimeter is 30.10. Remarks: automated station with precipitation discriminator sea level pressure 1019.1 hectopascals indeterminate precipitation past 6 hours undetermined amount of precipitation in past 24 hours hourly temp -4.4°C dewpoint -4.4°C 6-hour max temp 0.0°C 6-hour min temp -4.4°C Thunderstorm Information not Available \$

METAR KDYL 201154Z AUTO Doylestown, Doylestown, PA (KDYL). Dec 20, 1154Z, Automated. Wind is Calm, 10 statute miles visibility, Clear Skies, Temperature -4°C, Dewpoint -6°C, Altimeter is 30.10. Remarks: automated station with precipitation discriminator sea level pressure 1020.1 hectopascals I1000 I6000 hourly temp -3.9°C dewpoint -5.6°C 6-hour max temp -2.8°C 6-hour min temp -4.4°C 3-hour atmospheric pressure decreasing or steady, then increasing; or increasing then increasing more rapidly by 0.6 hectopascals

METAR KSMQ 201153Z AUTO Somerset, Somerville, NJ (KSMQ). Dec 20, 1153Z, Automated. Wind is Calm, 10 statute miles visibility, Clear Skies, Temperature -6°C, Dewpoint -7°C, Altimeter is 30.11. Remarks: automated station with precipitation discriminator sea level pressure 1019.9 hectopascals I1000 I6000 hourly temp -6.1°C dewpoint -6.7°C 6-hour max temp -4.4°C 6-hour min temp -6.1°C 3-hour atmospheric pressure decreasing or steady, then increasing; or increasing then increasing more rapidly by 0.5 hectopascals

METAR KLDJ 201215Z AUTO Linden, Linden, NJ (KLDJ). Dec 20, 1215Z, Automated. Wind is Calm, 10 statute miles visibility, Clear Skies, Temperature -1°C, Dewpoint -4°C, Altimeter is 30.14. Remarks: automated station with precipitation discriminator hourly temp -1.3°C dewpoint -3.8°C

METAR KTTN 201153Z Trenton Mercer, Trenton, NJ (KTTN). Dec 20, 1153Z. Wind from 340° at 3 knots, 9 statute miles visibility, Clear Skies, Temperature -3°C, Dewpoint -5°C, Altimeter is 30.11. Remarks: automated station with precipitation discriminator sea level pressure 1019.3 hectopascals hourly temp -2.8°C dewpoint -5.0°C 6-hour max temp 0.6°C 6-hour min temp -3.9°C 3-hour atmospheric pressure decreasing or steady, then increasing; or increasing then increasing more rapidly by 0.6 hectopascals

METAR KTTN 201153Z Trenton Mercer, Trenton, NJ (KTTN). Dec 20, 1153Z. Wind from 340° at 3 knots, 9 statute miles visibility, Clear Skies, Temperature -3°C, Dewpoint

-5°C, Altimeter is 30.11. Remarks: automated station with precipitation discriminator sea level pressure 1019.3 hectopascals hourly temp -2.8°C dewpoint -5.0°C 6-hour max temp 0.6°C 6-hour min temp -3.9°C 3-hour atmospheric pressure decreasing or steady, then increasing; or increasing then increasing more rapidly by 0.6 hectopascals

***** Pilot Reports *****

Over LEE, Time: 1159Z, Altitude: 11,000 feet, A/C Type: BOEING 737-700, Turbulence: Moderate turbulence

Over Tar River, Rocky Mount, NC (TYI), 320° radial at 30 nautical miles, Time: 1142Z, Altitude: flight level 290, A/C Type: BOEING 767-300, Turbulence: Moderate

Over Lawrenceville/Brunswick Municipal, Lawrenceville, VA (LVL), 90° radial at 5 nautical miles, Time: 1116Z, Altitude: flight level 400, A/C Type: AIRBUS A-330-200, Turbulence: Moderate

Over Franklin Muni-John Beverly Ros, Franklin, VA (FKN), Time: 1146Z, Altitude: flight level 250, A/C Type: CANADAIR Challenger 890, Turbulence: Moderate intermittent

Over RIC, 180° radial at 15 nautical miles, Time: 1116Z, Altitude: flight level 290, A/C Type: AIRBUS A-330-300, Turbulence: Moderate

Over Patuxent, Patuxent River, MD (PXT), 200° radial at 20 nautical miles, Time: 1151Z, Altitude: flight level 290, A/C Type: E70, Turbulence: Moderate flight level 290 to 310

***** Synopsis/Surface Analysis *****

Surface Analysis Chart -

https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/SfcAnal_CONUS_REG_201812201026_201812201200_201812201500_402360.png

Caribbean area forecast issued by the Aviation Weather Center Kansas City, Missouri on the 20th at 0930Z

OFAMKC

International Operations Branch

Aviation Weather Center Kansas City Missouri

Valid from the 20th at 1000Z to the 20th at 2200Z

Outlook valid from the 20th at 2200Z to the 21st at 1000Z

Synopsis...Cold front IN Gulf of Mexico FM near 25° North 90° West-21° North 95° West will rapidly eastward through Gulf during forecast period and will be along A Key West International, Key West, FL (EYW)-western Cuba-northeastern BELIZE line by BGNG of outlook period. Northern portion front will enter western sections Atlantic forecast area towards late IN outlook and will be along A 32° North 76° West-27° North 78° West-central Cuba-northeastern Honduras line at end of outlook. Strong southerly winds and areas convection E of

front. Strong northwest winds will build behind front. Quasistationary front/surface trough remains IN place IN Atlantic FM 24° North 58° West-23° North 68° West-25° North 73° West-29° North 77° West. Widely scattered to scattered rain showers vicinity front/trough. Western portion will lift northward IN response to approaching cold front. Feature will be along A 24° North 58° West-26° North 72° West-30N73-32° North 73° West line at end of forecast period and along A 24° North 58° West-27° North 66° West-32° North 71° West line at end of outlook.

***** Area Forecast *****

Caribbean area forecast issued by the Aviation Weather Center Kansas City, Missouri on the 20th at 0930Z

OFAMKC

International Operations Branch

Aviation Weather Center Kansas City Missouri

Valid from the 20th at 1000Z to the 20th at 2200Z

Outlook valid from the 20th at 2200Z to the 21st at 1000Z

.
Atlantic South Of 32° North West Of 57° West...Caribbean...Gulf Of Mexico Between 22N And 24N.

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All Winds Surface. Thunderstorms Imply Severe OR Greater Turbulence Severe Ice Low Level Wind Shear And IFR
Conditions. Surface to 400 millibars.

.
Significant Cloud/Weather...
Eastern Monterrey Flight Information Region
Sky clear to scattered clouds at 2,000 feet. After 1500Z wind northwest 25 gusting to 35 knots.
Outlook: VFR wind.

.
Northern Merida Flight Information Region
Behind cold front...Scattered clouds at 2,500 feet to sky clear. After 1500Z becoming FM W to E wind northwest 20 to 25 gusting to 35 knots. Outlook: VFR wind.
Ahead cold front...Broken clouds at 2,500 feet broken clouds at 5,000 feet tops at 15,000 feet occasional layered above flight level 240. Scattered rain showers/isolated to widely scattered thunderstorms and rain. Wind southwest 20 to 25 gusting to 35 knots. Outlook: not applicable.

.
Atlantic Southwestern New York Flight Information Region...Atlantic Miami Flight Information Region
Vicinity surface trough...Scattered clouds at 2,500 feet broken clouds at 5,000 feet tops at 12,000 to 15,000 feet. Widely scattered to scattered rain showers. Wind southeast 20 to 25 gusting to 35 knots north of 27° North. Outlook: VFR rain showers...Wind north of 27° North.
Far northwest portion Atlantic southwestern New York Flight Information Region...Broken clouds at 2,500 feet TOP layered to 15,000 feet. Broken to overcast cirrus above. Wind southwest 20 gusting to 30 knots increasing to 30 gusting to 40 knots by end of forecast period.
Outlook: marginal VFR ceiling wind...After 0900Z marginal VFR ceiling rain showers wind.

Elsewhere northwest 32° North 70° West-24° North 78° West line...Scattered clouds at 2,000 feet scattered to broken clouds at 5,000 feet tops at 12,000 feet. Widely scattered rain showers. Becoming after 1500Z FM W to E wind southeast 20 to 25 gusting to 35 knots. Outlook: VFR rain showers wind.

Remainder...Scattered clouds at 2,500 feet scattered clouds at 5,000 feet. Occasional broken clouds at 5,000 feet tops at 8,000 to 10,000 feet. Isolated to widely scattered rain showers. Outlook: VFR rain showers.

.
San Juan Flight Information Region...Western Piarco Flight Information Region...Northern Maiquetia Flight Information Region

Scattered clouds at 2,500 feet scattered clouds at 5,000 feet. Occasional broken clouds at 5,000 feet tops at 8,000 to 10,000 feet. Isolated to widely scattered rain showers.

Occasional wind E 20 knots south of 18° North. Outlook: VFR rain showers...Wind south of 18° North.

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Curacao Flight Information Region...Santo Domingo Flight Information Region...Port-Au-Prince Flight Information Region

Hispaniola...Scattered clouds at 1,500 to 2,000 feet. Until 1300Z occasional visibility 4 to 5 statute miles mist. After 1700Z scattered to broken clouds at 4,000 feet tops at 8,000 feet. Isolated rain showers. Outlook: VFR...Until 0100Z rain showers...After 0400Z occasional marginal VFR mist.

Waters...Scattered clouds at 2,500 feet scattered clouds at 5,000 feet. Occasional broken clouds at 5,000 feet tops at 8,000 to 10,000 feet. Isolated to widely scattered rain showers. Occasional wind E 20 knots south of 18° North. Outlook: VFR rain showers...Wind south of 18° North.

.
Northern Panama Flight Information Region.

Scattered clouds at 2,500 feet scattered to broken clouds at 3,500 feet tops at 5,000 feet. Outlook: VFR.

.
Northern Barranquilla Flight Information Region...Kingston Flight Information Region

South of 18° North/east of 77° West...Scattered clouds at 2,500 feet scattered clouds at 5,000 feet. Occasional broken clouds at 5,000 feet tops at 8,000 feet. Isolated rain showers. Wind E 20 knots. Outlook: VFR rain showers wind.

Elsewhere...Scattered clouds at 2,500 feet scattered clouds at 5,000 feet. Occasional broken clouds at 5,000 feet tops at 8,000 to 10,000 feet. Isolated to widely scattered rain showers. Wind southeast 20 gusting to 30 knots southwest portion Kingston Flight Information Region. Outlook: VFR rain showers...Wind northwest portion Kingston Flight Information Region.

.
Habana Flight Information Region...Northeastern Central America Flight Information Region

North of 21° North/west of 81° West...Broken clouds at 3,000 feet tops at 12,000 feet becoming layered above flight level 240 AS front approaches. Widely scattered rain showers/isolated to widely thunderstorms and rain. Wind S 25 gusting to 35 knots. Becoming after cold front scattered clouds at 2,500 feet to sky clear. Wind W 20 to 25 gusting to 35 knots. Outlook: VFR wind.

Remainder northwest 24° North 78° West-17° North 84° West line...Scattered clouds at 2,500 feet scattered clouds at 5,000 feet. Occasional broken clouds at 5,000 feet tops at 8,000 to 10,000

feet. Isolated to widely scattered rain showers. Becoming after 1500Z FM W to E wind S 25 gusting to 35 knots. Vicinity front broken clouds at 2,500 feet broken clouds at 5,000 feet tops at 15,000 feet occasional layered above flight level 240.

Scattered rain showers/isolated to widely scattered thunderstorms and rain. Outlook: VFR wind...Vicinity front marginal VFR ceiling rain showers/thunderstorms and rain wind.

Elsewhere to southeast...

Cuba...Scattered clouds at 1,500 to 2,000 feet. Until 1300Z occasional visibility 4 to 5 statute miles mist. After 1700Z scattered to broken clouds at 4,000 feet tops at 8,000 feet. Isolated rain showers. Outlook: VFR...Until 0100Z rain showers...After 0400Z occasional marginal VFR mist. Waters...Scattered clouds at 2,500 feet scattered clouds at 5,000 feet. Occasional broken clouds at 5,000 feet tops at 8,000 to 10,000 feet. Isolated to widely scattered rain showers. Outlook: VFR rain showers.

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Ice And Freezing Level...

No significant ice expect outside convective activity.

Freezing level...

Atlantic...

North of 25° North...12,500 feet northwest and NE to 16,000 feet S central.

South of 25° North...16,000 to 17,000 feet.

Caribbean...14,500 feet northwest-17,000 feet southeast.

Gulf of Mexico...9,000 feet northwest-14,500 feet southeast becoming 10,000 feet N-14,500 feet S.

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Turbulence...

No significant turbulence expect outside convective activity.

***** Cloud Coverage *****

Cloud Coverage - Southeast 1200z -

https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_CC_SE_03_201812201200_REG_201812200900_201812201200_201812201500_000003.png

Cloud Coverage - Southeast 1500z -

https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_CC_SE_06_201812201500_REG_201812200900_201812201200_201812201500_000006.png

Cloud Coverage - Southeast 1800z -

https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_CC_SE_09_201812201800_REG_201812200900_201812201200_201812201500_000009.png

Cloud Coverage - East 1200z -

https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_CC_E_03_201812201200_REG_201812200900_201812201200_201812201500_000003.png

Cloud Coverage - East 1500z (current data unavailable)

Cloud Coverage - East 1800z -

https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_CC_E_09_201812201800_REG_201812200900_201812201200_201812201500_000009.png

Cloud Coverage - Northeast 1200z -

https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_CC_NE_03_201812201200_REG_201812200900_201812201200_201812201500_000003.png

Cloud Coverage - Northeast 1500z -

https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_CC_NE_06_201812201500_REG_201812200900_201812201200_201812201500_000006.png

Cloud Coverage - Northeast 1800z -

https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_CC_NE_09_201812201800_REG_201812200900_201812201200_201812201500_000009.png

Cloud Coverage - CONUS 1200z -

https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_CC_US_03_201812201200_REG_201812200900_201812201200_201812201500_000003.png

Cloud Coverage - CONUS 1500z -

https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_CC_US_06_201812201500_REG_201812200900_201812201200_201812201500_000006.png

Cloud Coverage - CONUS 1800z -

https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_CC_US_09_201812201800_REG_201812200900_201812201200_201812201500_000009.png

***** Vis, Sfc Winds & Precip *****

Vis, Sfc Winds & Precip - Southeast 1200z -

https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_VIS_SE_03_201812201200_REG_201812200900_201812201200_201812201500_000003.png

Vis, Sfc Winds & Precip - Southeast 1500z -

https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_VIS_SE_06_201812201500_REG_201812200900_201812201200_201812201500_000006.png

Vis, Sfc Winds & Precip - Southeast 1800z -

https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_VIS_SE_09_201812201800_REG_201812200900_201812201200_201812201500_000009.png

Vis, Sfc Winds & Precip - East 1200z -

https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_VIS_E_03_201812201200_REG_201812200900_201812201200_201812201500_000003.png

Vis, Sfc Winds & Precip - East 1500z -

https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_VIS_E_06_201812201500_REG_201812200900_201812201200_201812201500_000006.png

Vis, Sfc Winds & Precip - East 1800z -

https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_VIS_E_09_201812201800_REG_201812200900_201812201200_201812201500_000009.png

Vis, Sfc Winds & Precip - Northeast 1200z -

https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_VIS_NE_03_201812201200_REG_201812200900_201812201200_201812201500_000003.png

Vis, Sfc Winds & Precip - Northeast 1500z -

https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_VIS_NE_06_201812201500_REG_201812200900_201812201200_201812201500_000006.png

Vis, Sfc Winds & Precip - Northeast 1800z -

https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_VIS_NE_09_201812201800_REG_201812200900_201812201200_201812201500_000009.png

Vis, Sfc Winds & Precip - CONUS 1200z -

https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_VIS_US_03_201812201200_REG_201812200900_201812201200_201812201500_000003.png

Vis, Sfc Winds & Precip - CONUS 1500z -

https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_VIS_US_06_201812201500_REG_201812200900_201812201200_201812201500_000006.png

Vis, Sfc Winds & Precip - CONUS 1800z -

https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_VIS_US_09_201812201800_REG_201812200900_201812201200_201812201500_000009.png

***** Terminal Forecasts *****

TAF nearest departure: KISM

Kissimmee Gateway, Orlando, FL (KISM). Issued Dec 20, 1137Z, valid from Dec 20, 1200Z until Dec 21, 1200Z, Wind from 150° at 8 knots, 6 statute miles visibility, Showers Rain, Scattered Clouds at 2,500 feet, Ceiling is Broken at 6,000 feet, Overcast at 8,000 feet

Temporary between Dec 20, 1200Z and Dec 20, 1500Z, 3 statute miles visibility, Light Showers Rain, Ceiling is Broken at 2,500 feet, Overcast at 4,000 feet

From Dec 20, 1500Z, Wind from 180° at 12 knots with gusts to 20 knots, greater than 6 statute miles visibility, Thunderstorms in the Vicinity, Scattered Clouds at 3,000 feet Cumulonimbus, Ceiling is Broken at 5,000 feet, Overcast at 10,000 feet

Temporary between Dec 20, 1500Z and Dec 20, 1800Z, 2 statute miles visibility, Thunderstorms and Rain, Ceiling is Broken at 2,500 feet Cumulonimbus, Overcast at 4,000 feet

From Dec 20, 1800Z, Wind from 190° at 13 knots with gusts to 22 knots, greater than 6 statute miles visibility, Thunderstorms in the Vicinity, Scattered Clouds at 2,000 feet Cumulonimbus, Ceiling is Broken at 3,000 feet, Overcast at 5,000 feet

Temporary between Dec 20, 1800Z and Dec 20, 2100Z, Wind is variable at 20 knots with gusts to 30 knots, 1 statute mile visibility, Thunderstorms and Heavy Rain, Ceiling is Broken at 2,000 feet Cumulonimbus

From Dec 21, 0000Z, Wind from 220° at 10 knots, greater than 6 statute miles visibility, Showers in the Vicinity, Scattered Clouds at 3,500 feet, Ceiling is Broken at 7,000 feet, Overcast at 10,000 feet

Temporary between Dec 21, 0000Z and Dec 21, 0300Z, 3 statute miles visibility, Showers Rain, Ceiling is Broken at 3,500 feet

From Dec 21, 0400Z, Wind from 210° at 11 knots with gusts to 18 knots, greater than 6 statute miles visibility, Scattered Clouds at 3,500 feet, Ceiling is Broken at 10,000 feet

From Dec 21, 0800Z, Wind from 220° at 15 knots with gusts to 23 knots, greater than 6 statute miles visibility, Scattered Clouds at 3,500 feet, Ceiling is Broken at 10,000 feet.

Orlando International, Orlando, FL (KMCO). Issued Dec 20, 1137Z, valid from Dec 20, 1200Z

until Dec 21, 1800Z, Wind from 130°; at 10 knots, 6 statute miles visibility, Showers Rain, Scattered Clouds at 2,500 feet, Ceiling is Broken at 6,000 feet, Overcast at 11,000 feet, wind shear surface to 2,000 feet, wind from 170°; at 40 knots

Temporary between Dec 20, 1200Z and Dec 20, 1500Z, 5 statute miles visibility, Light Showers Rain and Mist, Ceiling is Broken at 2,500 feet, Overcast at 4,000 feet

From Dec 20, 1500Z, Wind from 170°; at 14 knots with gusts to 22 knots, greater than 6 statute miles visibility, Thunderstorms in the Vicinity, Scattered Clouds at 3,000 feet Cumulonimbus, Ceiling is Broken at 5,000 feet, Overcast at 10,000 feet

Temporary between Dec 20, 1500Z and Dec 20, 1800Z, 2 statute miles visibility, Thunderstorms and Rain, Ceiling is Broken at 2,500 feet Cumulonimbus, Overcast at 4,000 feet

From Dec 20, 1800Z, Wind from 190°; at 13 knots with gusts to 22 knots, greater than 6 statute miles visibility, Thunderstorms in the Vicinity, Scattered Clouds at 2,000 feet Cumulonimbus, Ceiling is Broken at 3,000 feet, Overcast at 5,000 feet

Temporary between Dec 20, 1800Z and Dec 20, 2100Z, Wind is variable at 20 knots with gusts to 30 knots, 1 statute mile visibility, Thunderstorms and Heavy Rain, Ceiling is Broken at 2,000 feet Cumulonimbus

From Dec 21, 0000Z, Wind from 220°; at 10 knots, greater than 6 statute miles visibility, Showers in the Vicinity, Scattered Clouds at 3,500 feet, Ceiling is Broken at 7,000 feet, Overcast at 10,000 feet

Temporary between Dec 21, 0000Z and Dec 21, 0300Z, 3 statute miles visibility, Showers Rain, Ceiling is Broken at 3,500 feet

From Dec 21, 0400Z, Wind from 210°; at 11 knots with gusts to 18 knots, greater than 6 statute miles visibility, Scattered Clouds at 3,500 feet, Ceiling is Broken at 10,000 feet

From Dec 21, 0800Z, Wind from 220°; at 15 knots with gusts to 23 knots, greater than 6 statute miles visibility, Scattered Clouds at 3,500 feet, Ceiling is Broken at 10,000 feet

From Dec 21, 1500Z, Wind from 220°; at 22 knots with gusts to 30 knots, greater than 6 statute miles visibility, Scattered Clouds at 5,000 feet, Ceiling is Broken at 12,000 feet.

Orlando Sanford International, Orlando, FL (KSFB). Issued Dec 20, 1137Z, valid from Dec 20, 1200Z until Dec 21, 1200Z, Wind from 160°; at 6 knots, 6 statute miles visibility, Showers Rain, Scattered Clouds at 2,500 feet, Scattered Clouds at 3,500 feet, Ceiling is Broken at 6,000 feet, wind shear surface to 2,000 feet, wind from 170°; at 40 knots

Temporary between Dec 20, 1200Z and Dec 20, 1500Z, 5 statute miles visibility, Light Showers Rain and Mist, Ceiling is Broken at 2,500 feet, Overcast at 4,000 feet

From Dec 20, 1500Z, Wind from 170°; at 13 knots with gusts to 22 knots, greater than 6 statute miles visibility, Thunderstorms in the Vicinity, Scattered Clouds at 3,000 feet Cumulonimbus, Ceiling is Broken at 5,000 feet, Overcast at 10,000 feet

Temporary between Dec 20, 1500Z and Dec 20, 1800Z, 3 statute miles visibility, Thunderstorms and Rain, Ceiling is Broken at 2,500 feet Cumulonimbus, Overcast at 4,000 feet

From Dec 20, 1800Z, Wind from 200°; at 15 knots with gusts to 23 knots, greater than 6 statute miles visibility, Thunderstorms in the Vicinity, Scattered Clouds at 2,000 feet Cumulonimbus, Ceiling is Broken at 3,000 feet, Overcast at 5,000 feet

Temporary between Dec 20, 1800Z and Dec 20, 2100Z, Wind is variable at 20 knots with gusts to 30 knots, 1 statute mile visibility, Thunderstorms and Heavy Rain, Ceiling is Broken at 2,000 feet Cumulonimbus

From Dec 21, 0000Z, Wind from 220°; at 10 knots, greater than 6 statute miles

visibility, Showers in the Vicinity, Scattered Clouds at 3,500 feet, Ceiling is Broken at 7,000 feet, Overcast at 10,000 feet

Temporary between Dec 21, 0000Z and Dec 21, 0300Z, 3 statute miles visibility, Showers Rain, Ceiling is Broken at 3,500 feet

From Dec 21, 0400Z, Wind from 210°; at 11 knots with gusts to 18 knots, greater than 6 statute miles visibility, Scattered Clouds at 3,500 feet, Ceiling is Broken at 10,000 feet

From Dec 21, 0800Z, Wind from 220°; at 15 knots with gusts to 23 knots, greater than 6 statute miles visibility, Scattered Clouds at 3,500 feet, Ceiling is Broken at 10,000 feet.

Leesburg International, Leesburg, FL (KLEE). Issued Dec 20, 1137Z, valid from Dec 20, 1200Z until Dec 21, 1200Z, Wind from 100°; at 9 knots, 5 statute miles visibility, Showers Rain and Mist, Scattered Clouds at 2,500 feet, Ceiling is Broken at 5,000 feet, Overcast at 7,000 feet, wind shear surface to 2,000 feet, wind from 170°; at 40 knots

Temporary between Dec 20, 1200Z and Dec 20, 1500Z, 3 statute miles visibility, Light Showers Rain, Ceiling is Broken at 2,500 feet, Overcast at 4,000 feet

From Dec 20, 1500Z, Wind from 170°; at 11 knots with gusts to 20 knots, greater than 6 statute miles visibility, Thunderstorms in the Vicinity, Scattered Clouds at 3,000 feet Cumulonimbus, Ceiling is Broken at 5,000 feet, Overcast at 10,000 feet

Temporary between Dec 20, 1500Z and Dec 20, 1800Z, 3 statute miles visibility, Thunderstorms and Rain, Ceiling is Broken at 2,500 feet Cumulonimbus, Overcast at 4,000 feet

From Dec 20, 1800Z, Wind from 200°; at 13 knots with gusts to 22 knots, greater than 6 statute miles visibility, Thunderstorms in the Vicinity, Scattered Clouds at 2,000 feet Cumulonimbus, Ceiling is Broken at 3,000 feet, Overcast at 5,000 feet

Temporary between Dec 20, 1800Z and Dec 20, 2100Z, Wind is variable at 20 knots with gusts to 30 knots, 1 statute mile visibility, Thunderstorms and Heavy Rain, Ceiling is Broken at 2,000 feet Cumulonimbus

From Dec 21, 0000Z, Wind from 220°; at 10 knots with gusts to 17 knots, greater than 6 statute miles visibility, Showers in the Vicinity, Scattered Clouds at 3,500 feet, Ceiling is Broken at 7,000 feet, Overcast at 10,000 feet

Temporary between Dec 21, 0000Z and Dec 21, 0300Z, 3 statute miles visibility, Showers Rain, Ceiling is Broken at 3,500 feet

From Dec 21, 0500Z, Wind from 210°; at 15 knots with gusts to 23 knots, greater than 6 statute miles visibility, Scattered Clouds at 3,500 feet, Ceiling is Broken at 10,000 feet

From Dec 21, 0900Z, Wind from 220°; at 19 knots with gusts to 28 knots, greater than 6 statute miles visibility, Scattered Clouds at 3,500 feet, Ceiling is Broken at 10,000 feet.

Daytona Beach International, Daytona Beach, FL (KDAB). Issued Dec 20, 1137Z, valid from Dec 20, 1200Z until Dec 21, 1200Z, Wind from 170°; at 9 knots, 6 statute miles visibility, Showers Rain and Mist, Scattered Clouds at 2,500 feet, Ceiling is Broken at 5,000 feet, Overcast at 9,000 feet, wind shear surface to 2,000 feet, wind from 170°; at 40 knots

Temporary between Dec 20, 1200Z and Dec 20, 1500Z, 5 statute miles visibility, Light Showers Rain, Ceiling is Broken at 3,000 feet, Overcast at 4,500 feet

From Dec 20, 1500Z, Wind from 170°; at 13 knots with gusts to 21 knots, greater than 6 statute miles visibility, Thunderstorms in the Vicinity, Scattered Clouds at 3,000 feet Cumulonimbus, Ceiling is Broken at 5,000 feet, Overcast at 10,000 feet

Temporary between Dec 20, 1500Z and Dec 20, 1800Z, 3 statute miles visibility,

Thunderstorms and Rain, Ceiling is Broken at 2,500 feet Cumulonimbus, Overcast at 4,000 feet

From Dec 20, 1800Z, Wind from 200°; at 12 knots with gusts to 19 knots, greater than 6 statute miles visibility, Thunderstorms in the Vicinity, Scattered Clouds at 1,500 feet Cumulonimbus, Ceiling is Broken at 2,500 feet, Overcast at 4,000 feet

Temporary between Dec 20, 1800Z and Dec 20, 2200Z, Wind is variable at 20 knots with gusts to 30 knots, 2 statute miles visibility, Thunderstorms and Rain, Ceiling is Broken at 2,000 feet Cumulonimbus

From Dec 21, 0000Z, Wind from 200°; at 11 knots with gusts to 17 knots, greater than 6 statute miles visibility, Showers in the Vicinity, Scattered Clouds at 3,500 feet, Ceiling is Broken at 7,000 feet, Overcast at 10,000 feet

Temporary between Dec 21, 0000Z and Dec 21, 0300Z, 3 statute miles visibility, Showers Rain, Ceiling is Broken at 3,500 feet

From Dec 21, 0300Z, Wind from 200°; at 11 knots with gusts to 18 knots, greater than 6 statute miles visibility, Scattered Clouds at 3,500 feet, Ceiling is Broken at 10,000 feet

From Dec 21, 1000Z, Wind from 220°; at 15 knots with gusts to 24 knots, greater than 6 statute miles visibility, Scattered Clouds at 3,500 feet, Ceiling is Broken at 10,000 feet.

Northeast Florida Regional, St. Augustine, FL (KSGJ). Issued Dec 20, 1120Z, valid from Dec 20, 1200Z until Dec 21, 1200Z, Wind from 170°; at 5 knots, greater than 6 statute miles visibility, Light Rain and Thunderstorms in the Vicinity, Few clouds at 3,000 feet, Scattered Clouds at 4,500 feet Cumulonimbus, Ceiling is Overcast at 10,000 feet, wind shear surface to 1,000 feet, wind from 170°; at 45 knots

Temporary between Dec 20, 1200Z and Dec 20, 1500Z, 2 statute miles visibility, Rain and Mist, Ceiling is Broken at 3,000 feet

From Dec 20, 1500Z, Wind from 180°; at 14 knots with gusts to 22 knots, 2 statute miles visibility, Heavy Rain, Mist and Thunderstorms in the Vicinity, Ceiling is Broken at 800 feet, Overcast at 4,000 feet Cumulonimbus

From Dec 20, 2100Z, Wind from 210°; at 12 knots with gusts to 18 knots, 4 statute miles visibility, Light Rain and Haze, Ceiling is Overcast at 600 feet

From Dec 21, 0000Z, Wind from 240°; at 12 knots with gusts to 18 knots, 4 statute miles visibility, Light Rain and Mist, Ceiling is Overcast at 400 feet

From Dec 21, 0300Z, Wind from 180°; at 10 knots with gusts to 15 knots, 6 statute miles visibility, Light Drizzle and Mist, Ceiling is Broken at 4,000 feet, Overcast at 10,000 feet.

Jacksonville Executive, Jacksonville, FL (KCRG). Amended Dec 20, 1215Z, valid from Dec 20, 1200Z until Dec 21, 1200Z, Wind from 180°; at 8 knots, 6 statute miles visibility, Light Rain, Mist and Thunderstorms in the Vicinity, Scattered Clouds at 1,500 feet, Ceiling is Broken at 4,000 feet Cumulonimbus, Overcast at 10,000 feet, wind shear surface to 1,000 feet, wind from 160°; at 40 knots

Temporary between Dec 20, 1200Z and Dec 20, 1400Z, 2 statute miles visibility, Heavy Showers Rain and Mist, Ceiling is Broken at 1,500 feet

From Dec 20, 1400Z, Wind from 150°; at 14 knots with gusts to 22 knots, 2 statute miles visibility, Heavy Rain, Mist and Thunderstorms in the Vicinity, Ceiling is Broken at 800 feet, Overcast at 4,000 feet Cumulonimbus

From Dec 20, 1800Z, Wind from 180°; at 14 knots with gusts to 22 knots, 2 statute miles visibility, Light Rain and Mist, Ceiling is Overcast at 600 feet

From Dec 21, 0000Z, Wind from 240°; at 6 knots with gusts to 12 knots, 2 statute miles visibility, Light Rain and Mist, Ceiling is Overcast at 400 feet

From Dec 21, 0300Z, Wind from 210°; at 10 knots with gusts to 15 knots, 6 statute miles visibility, Light Drizzle and Mist, Ceiling is Broken at 5,000 feet, Overcast at 10,000 feet.

Mayport Ns(Adm David L Mcdonal, Mayport, FL (KNRB). Amended, valid from Dec 20, 0800Z until Dec 21, 0700Z, Wind from 160°; at 15 knots with gusts to 20 knots, greater than 9,000 meters visibility, Scattered Clouds at 3,000 feet, Ceiling is Broken at 5,000 feet, Overcast at 6,500 feet, altimeter 29.74 inches

Becoming between Dec 20, 1200Z and Jan 12, 1400Z, Wind from 150°; at 10 knots with gusts to 19 knots, greater than 9,000 meters visibility, Thunderstorms in the Vicinity, Scattered Clouds at 1,200 feet, Ceiling is Broken at 3,000 feet Cumulonimbus, Overcast at 5,000 feet, altimeter 29.65 inches

Temporary between Dec 20, 1800Z and Dec 21, 0000Z, Wind is variable at 15 knots with gusts to 25 knots, 1,600 meters visibility, Thunderstorms, Heavy Rain and Mist, Scattered Clouds at 1,000 feet, Ceiling is Broken at 3,000 feet Cumulonimbus, Overcast at 10,000 feet

Becoming between Dec 21, 0000Z and Dec 21, 0200Z, Wind from 200°; at 11 knots, Scattered Clouds at 1,000 feet, Ceiling is Broken at 3,500 feet, Overcast at 6,000 feet, altimeter 29.52 inches, Automated sensor meteorological observations from Dec 20, 0700Z until Dec 20, 1000Z, forecast maximum temperature 16°C on Dec 20, 0800Z, forecast minimum temperature 25°C on Dec 20, 1800Z. Amended Dec 20, 0830Z. FN00199.

Beaufort MCAS /Merritt Field/, Beaufort, SC (KNBC). Amended, valid from Dec 20, 1000Z until Dec 21, 0900Z, Wind from 070°; at 4 knots, greater than 9,000 meters visibility, Ceiling is Broken at 3,200 feet, Overcast at 6,000 feet, altimeter 29.73 inches

Temporary between Dec 20, 1000Z and Dec 20, 1400Z, Wind from 130°; at 12 knots, 8,000 meters visibility, Light Rain and Mist, Ceiling is Broken at 2,000 feet, Overcast at 6,000 feet

Temporary between Dec 20, 1500Z and Dec 20, 2100Z, Wind from 140°; at 12 knots, 2,400 meters visibility, Heavy Rain and Mist, Ceiling is Broken at 500 feet, Overcast at 2,000 feet

From Dec 20, 2100Z, Wind from 190°; at 10 knots, 8,000 meters visibility, Light Rain and Mist, Ceiling is Broken at 1,500 feet, Overcast at 3,000 feet, altimeter 29.62 inches

Temporary between Dec 20, 2100Z and Dec 22, 0100Z, Wind from 190°; at 4 knots, 4,800 meters visibility, Rain and Mist, Ceiling is Broken at 500 feet, Overcast at 2,000 feet

Becoming between Dec 22, 0100Z and Dec 22, 0300Z, Wind from 170°; at 6 knots, greater than 9,000 meters visibility, No Significant Weather, Ceiling is Broken at 2,500 feet, Overcast at 6,500 feet, altimeter 29.58 inches, forecast maximum temperature 18°C on Dec 20, 1800Z, forecast minimum temperature 15°C on Dec 21, 0900Z. Amended Dec 20, 1015Z.

Charleston Afb/Intl, Charleston, SC (KCHS). Corrected Dec 20, 1140Z, valid from Dec 20, 1200Z until Dec 21, 1200Z, Wind from 060°; at 5 knots, 3 statute miles visibility, Rain and Mist, Scattered Clouds at 1,000 feet, Ceiling is Broken at 2,000 feet, wind shear surface to 1,000 feet, wind from 170°; at 37 knots

From Dec 20, 1500Z, Wind from 150°; at 16 knots with gusts to 24 knots, 4 statute

miles visibility, Light Rain and Mist, Scattered Clouds at 900 feet, Ceiling is Overcast at 1,500 feet

From Dec 20, 1800Z, Wind from 170°; at 13 knots with gusts to 20 knots, 2 statute miles visibility, Showers Rain and Mist, Ceiling is Broken at 900 feet, Overcast at 1,500 feet

From Dec 21, 0000Z, Wind from 200°; at 11 knots with gusts to 17 knots, 6 statute miles visibility, Light Showers Rain and Mist, Scattered Clouds at 800 feet, Ceiling is Overcast at 1,500 feet.

Florence Regional, Florence, SC (KFLO). Corrected Dec 20, 1122Z, valid from Dec 20, 1200Z until Dec 21, 1200Z, Wind from 050°; at 4 knots, 6 statute miles visibility, Showers Rain, Ceiling is Overcast at 4,500 feet

From Dec 20, 1300Z, Wind from 060°; at 5 knots, 5 statute miles visibility, Showers Rain, Ceiling is Overcast at 2,500 feet

From Dec 20, 1600Z, Wind from 080°; at 8 knots, 4 statute miles visibility, Showers Rain, Ceiling is Overcast at 1,000 feet

From Dec 21, 0100Z, Wind from 140°; at 13 knots, 6 statute miles visibility, Showers Rain, Ceiling is Overcast at 2,000 feet.

Lumberton Regional, Lumberton, NC (KLBT). Corrected Dec 20, 1123Z, valid from Dec 20, 1200Z until Dec 21, 1200Z, Wind is variable at 3 knots, 6 statute miles visibility, Showers Rain, Ceiling is Overcast at 4,000 feet

From Dec 20, 1400Z, Wind from 060°; at 5 knots, 6 statute miles visibility, Showers Rain, Ceiling is Overcast at 2,000 feet

From Dec 20, 1700Z, Wind from 090°; at 9 knots, 5 statute miles visibility, Showers Rain, Ceiling is Overcast at 1,500 feet

From Dec 21, 0100Z, Wind from 130°; at 13 knots, 5 statute miles visibility, Showers Rain, Ceiling is Overcast at 2,000 feet

From Dec 21, 0200Z, Wind from 150°; at 13 knots, 6 statute miles visibility, Showers Rain, Ceiling is Overcast at 2,500 feet.

Fayetteville Rgnl/Grannis Field, Fayetteville, NC (KFAY). Amended Dec 20, 1201Z, valid from Dec 20, 1200Z until Dec 21, 1200Z, Wind from 020°; at 6 knots, greater than 6 statute miles visibility, Few clouds at 500 feet, Scattered Clouds at 4,000 feet, Ceiling is Overcast at 10,000 feet

From Dec 20, 1300Z, Wind from 080°; at 6 knots, 6 statute miles visibility, Light Rain and Mist, Ceiling is Overcast at 800 feet

From Dec 20, 2200Z, Wind from 120°; at 13 knots with gusts to 24 knots, 5 statute miles visibility, Showers Rain, Ceiling is Overcast at 800 feet, wind shear surface to 2,000 feet, wind from 150°; at 40 knots

From Dec 21, 0200Z, Wind from 150°; at 13 knots with gusts to 24 knots, 4 statute miles visibility, Showers Rain, Ceiling is Overcast at 300 feet, wind shear surface to 2,000 feet, wind from 150°; at 40 knots

From Dec 21, 0800Z, Wind from 180°; at 11 knots with gusts to 18 knots, greater than 6 statute miles visibility, Scattered Clouds at 300 feet, Ceiling is Broken at 2,500 feet, Broken Clouds at 6,000 feet.

Pope Army Airfield, Fayetteville, NC (KPOB). Amended Dec 20, 1148Z, valid from Dec 20, 1100Z until Dec 21, 1600Z, Wind from 070°; at 3 knots, greater than 9,000 meters visibility, Ceiling is Overcast at 600 feet, altimeter 29.92 inches

Becoming between Dec 20, 1300Z and Dec 20, 1400Z, Wind from 080°; at 6 knots, 8,000 meters visibility, Light Rain, Ceiling is Overcast at 500 feet, altimeter 29.76 inches

Becoming between Dec 20, 1700Z and Dec 20, 1800Z, Wind from 100°; at 12 knots with gusts to 20 knots, 6,000 meters visibility, Rain, Ceiling is Overcast at 400 feet, altimeter 29.61 inches

Becoming between Dec 20, 2000Z and Dec 20, 2100Z, Wind from 130°; at 15 knots with gusts to 25 knots, 2,400 meters visibility, Showers Rain and Thunderstorms in the Vicinity, Ceiling is Overcast at 400 feet Cumulonimbus, occasional moderate turbulence in clouds surface to 3,000 feet, altimeter 29.44 inches

Temporary between Dec 20, 2200Z and Dec 21, 0300Z, Wind from 190°; at 25 knots with gusts to 35 knots, 1,600 meters visibility, Thunderstorms and Rain, Ceiling is Overcast at 300 feet Cumulonimbus

Becoming between Dec 21, 0300Z and Dec 21, 0400Z, Wind from 190°; at 12 knots with gusts to 18 knots, 8,000 meters visibility, Light Showers Rain, Few clouds at 600 feet, Ceiling is Broken at 1,000 feet, Overcast at 2,500 feet, occasional moderate turbulence in clouds 1,000 feet to 3,000 feet, altimeter 29.32 inches

Becoming between Dec 21, 0800Z and Dec 21, 0900Z, Wind from 180°; at 12 knots, greater than 9,000 meters visibility, No Significant Weather, Few clouds at 1,500 feet, Ceiling is Overcast at 10,000 feet, altimeter 29.29 inches, forecast maximum temperature 17°C on Dec 20, 1900Z, forecast minimum temperature 7°C on Dec 20, 1200Z.

Simmons Army Airfield, Fort Bragg, NC (KFBG). Issued Dec 20, 1000Z, valid from Dec 20, 1000Z until Dec 21, 1600Z, Wind from 070°; at 3 knots, greater than 9,000 meters visibility, Ceiling is Overcast at 800 feet, altimeter 29.92 inches

Becoming between Dec 20, 1300Z and Dec 20, 1400Z, Wind from 080°; at 6 knots, 8,000 meters visibility, Light Rain, Ceiling is Overcast at 500 feet, altimeter 29.76 inches

Becoming between Dec 20, 1700Z and Dec 20, 1800Z, Wind from 100°; at 12 knots with gusts to 20 knots, 6,000 meters visibility, Rain, Ceiling is Overcast at 400 feet, altimeter 29.61 inches

Becoming between Dec 20, 2000Z and Dec 20, 2100Z, Wind from 130°; at 15 knots with gusts to 25 knots, 2,400 meters visibility, Showers Rain and Thunderstorms in the Vicinity, Ceiling is Overcast at 400 feet Cumulonimbus, occasional moderate turbulence in clouds surface to 3,000 feet, altimeter 29.44 inches

Temporary between Dec 20, 2200Z and Dec 21, 0300Z, Wind from 190°; at 25 knots with gusts to 35 knots, 1,600 meters visibility, Thunderstorms and Rain, Ceiling is Overcast at 300 feet Cumulonimbus

Becoming between Dec 21, 0300Z and Dec 21, 0400Z, Wind from 190°; at 12 knots with gusts to 18 knots, 8,000 meters visibility, Light Showers Rain, Few clouds at 600 feet, Ceiling is Broken at 1,000 feet, Overcast at 2,500 feet, occasional moderate turbulence in clouds 1,000 feet to 3,000 feet, altimeter 29.32 inches

Becoming between Dec 21, 0800Z and Dec 21, 0900Z, Wind from 180°; at 12 knots, greater than 9,000 meters visibility, No Significant Weather, Few clouds at 1,500 feet, Ceiling is Overcast at 10,000 feet, altimeter 29.29 inches, forecast maximum temperature 17°C on

Dec 20, 1900Z, forecast minimum temperature 7°C on Dec 20, 1200Z.

Raleigh/Durham International, Raleigh/Durham, NC (KRDU). Issued Dec 20, 1134Z, valid from Dec 20, 1200Z until Dec 21, 1200Z, Wind is variable at 3 knots, greater than 6 statute miles visibility, Ceiling is Overcast at 800 feet

From Dec 20, 1500Z, Wind is variable at 2 knots, greater than 6 statute miles visibility, Light Rain, Ceiling is Overcast at 700 feet

From Dec 20, 2000Z, Wind from 100° at 7 knots, 4 statute miles visibility, Rain and Mist, Ceiling is Overcast at 300 feet

From Dec 21, 0000Z, Wind from 120° at 11 knots with gusts to 21 knots, 4 statute miles visibility, Showers Rain, Ceiling is Overcast at 300 feet, wind shear surface to 2,000 feet, wind from 140° at 40 knots

From Dec 21, 0300Z, Wind from 160° at 11 knots with gusts to 17 knots, 5 statute miles visibility, Showers Rain, Ceiling is Overcast at 300 feet

From Dec 21, 0600Z, Wind from 190° at 9 knots with gusts to 16 knots, greater than 6 statute miles visibility, Scattered Clouds at 300 feet, Ceiling is Broken at 2,500 feet, Broken Clouds at 6,000 feet.

Rocky Mount-Wilson Regional, Rocky Mount, NC (KRWI). Amended Dec 20, 1201Z, valid from Dec 20, 1200Z until Dec 21, 1200Z, Wind is Calm, greater than 6 statute miles visibility, Ceiling is Overcast at 500 feet

From Dec 20, 1600Z, Wind is variable at 3 knots, greater than 6 statute miles visibility, Light Rain, Ceiling is Overcast at 800 feet

From Dec 20, 2000Z, Wind from 110° at 7 knots, 6 statute miles visibility, Rain, Ceiling is Overcast at 800 feet

From Dec 21, 0000Z, Wind from 120° at 13 knots with gusts to 24 knots, 5 statute miles visibility, Showers Rain, Ceiling is Overcast at 800 feet, wind shear surface to 2,000 feet, wind from 150° at 40 knots

From Dec 21, 0200Z, Wind from 150° at 13 knots with gusts to 24 knots, 4 statute miles visibility, Showers Rain, Ceiling is Overcast at 300 feet, wind shear surface to 2,000 feet, wind from 150° at 40 knots

From Dec 21, 0900Z, Wind from 180° at 11 knots with gusts to 18 knots, greater than 6 statute miles visibility, Scattered Clouds at 300 feet, Ceiling is Broken at 2,500 feet, Broken Clouds at 6,000 feet.

Richmond International, Richmond, VA (KRIC). Issued Dec 20, 1128Z, valid from Dec 20, 1200Z until Dec 21, 1200Z, Wind is Calm, greater than 6 statute miles visibility, Showers in the Vicinity, Ceiling is Overcast at 1,500 feet

From Dec 20, 1800Z, Wind is variable at 3 knots, 4 statute miles visibility, Rain, Ceiling is Overcast at 700 feet

From Dec 21, 0000Z, Wind from 120° at 9 knots, 3 statute miles visibility, Rain, Ceiling is Overcast at 500 feet

From Dec 21, 0500Z, Wind from 160° at 11 knots, 2 statute miles visibility, Rain and Mist, Ceiling is Overcast at 400 feet.

Patuxent River Nas-Trapnell FD, Patuxent River, MD (KNHK). Amended, valid from Dec 20,

0900Z until Dec 21, 0700Z, Wind is variable at 5 knots, greater than 9,000 meters visibility, Few clouds at 2,000 feet, Ceiling is Overcast at 4,000 feet, altimeter 29.99 inches

Becoming between Dec 20, 1200Z and Dec 20, 1400Z, Wind from 090°; at 6 knots, greater than 9,000 meters visibility, Showers in the Vicinity, Ceiling is Broken at 1,500 feet, Overcast at 4,000 feet, altimeter 29.91 inches

Becoming between Dec 20, 1600Z and Dec 20, 1800Z, Wind from 080°; at 7 knots, greater than 9,000 meters visibility, Showers in the Vicinity, Ceiling is Broken at 500 feet, Overcast at 1,000 feet, altimeter 29.77 inches

Temporary between Dec 20, 1700Z and Dec 20, 2200Z, 1,600 meters visibility, Showers Rain and Mist, Ceiling is Overcast at 400 feet

Becoming between Dec 20, 2100Z and Dec 20, 2300Z, Wind from 100°; at 10 knots with gusts to 18 knots, 1,600 meters visibility, Showers Rain and Mist, Ceiling is Overcast at 400 feet, altimeter 29.58 inches

Becoming between Dec 21, 0200Z and Dec 21, 0400Z, Wind from 130°; at 15 knots with gusts to 22 knots, 3,200 meters visibility, Light Showers Rain and Mist, Ceiling is Overcast at 300 feet, altimeter 29.49 inches, forecast maximum temperature 1°C on Dec 20, 0900Z, forecast minimum temperature 13°C on Dec 20, 2100Z. Amended Dec 20, 0925Z. FN20002.

Dover Air Force Base, Dover, DE (KDOV). Issued Dec 20, 0800Z, valid from Dec 20, 0800Z until Dec 21, 1400Z, Wind from 140°; at 6 knots, greater than 9,000 meters visibility, Few clouds at 2,000 feet, Ceiling is Broken at 20,000 feet, altimeter 30.07 inches

Becoming between Dec 20, 1400Z and Dec 20, 1500Z, Wind from 140°; at 6 knots, greater than 9,000 meters visibility, Ceiling is Broken at 2,000 feet, Broken Clouds at 15,000 feet, altimeter 30.06 inches

Becoming between Dec 20, 1800Z and Dec 20, 1900Z, Wind from 160°; at 12 knots, 8,000 meters visibility, Light Rain and Mist, Scattered Clouds at 800 feet, Ceiling is Overcast at 1,000 feet, altimeter 29.95 inches

Temporary between Dec 20, 2100Z and Dec 21, 0000Z, Ceiling is Broken at 800 feet, Overcast at 1,000 feet

Becoming between Dec 21, 0900Z and Dec 21, 1000Z, Wind from 160°; at 12 knots with gusts to 18 knots, 6,000 meters visibility, Light Rain and Mist, Ceiling is Overcast at 800 feet, altimeter 29.86 inches, forecast maximum temperature 13°C on Dec 21, 0800Z, forecast minimum temperature -1°C on Dec 20, 0800Z.

Millville, Millville, NJ (KMIV). Issued Dec 20, 1138Z, valid from Dec 20, 1200Z until Dec 21, 1200Z, Wind is variable at 2 knots, greater than 6 statute miles visibility, Scattered Clouds at 25,000 feet

From Dec 20, 1400Z, Wind is variable at 3 knots, greater than 6 statute miles visibility, Ceiling is Overcast at 3,500 feet

From Dec 20, 1600Z, Wind from 090°; at 5 knots, 6 statute miles visibility, Light Rain, Ceiling is Overcast at 2,500 feet

From Dec 20, 1800Z, Wind from 090°; at 7 knots, 5 statute miles visibility, Light Rain, Ceiling is Overcast at 1,500 feet

From Dec 20, 2000Z, Wind from 100°; at 8 knots, 2 statute miles visibility, Light Rain, Ceiling is Overcast at 800 feet, wind shear surface to 2,000 feet, wind from 160°; at 40

knots

From Dec 21, 0100Z, Wind from 100°; at 10 knots with gusts to 18 knots, 1 statute mile visibility, Heavy Rain, Ceiling is Overcast at 500 feet, wind shear surface to 2,000 feet, wind from 160°; at 40 knots

From Dec 21, 0400Z, Wind from 100°; at 12 knots with gusts to 25 knots, 1 statute mile visibility, Heavy Rain, Ceiling is Overcast at 500 feet, wind shear surface to 2,000 feet, wind from 160°; at 50 knots

From Dec 21, 0700Z, Wind from 140°; at 12 knots with gusts to 25 knots, 1 statute mile visibility, Heavy Rain and Mist, Ceiling is Overcast at 500 feet, wind shear surface to 2,000 feet, wind from 150°; at 45 knots.

New Castle, Wilmington, DE (KILG). Issued Dec 20, 1138Z, valid from Dec 20, 1200Z until Dec 21, 1200Z, Wind is variable at 2 knots, greater than 6 statute miles visibility, Scattered Clouds at 25,000 feet

Temporary between Dec 20, 1200Z and Dec 20, 1300Z, 5 statute miles visibility, Mist

From Dec 20, 1400Z, Wind is variable at 3 knots, greater than 6 statute miles visibility, Ceiling is Overcast at 3,500 feet

From Dec 20, 1700Z, Wind from 060°; at 5 knots, 6 statute miles visibility, Light Rain, Ceiling is Overcast at 2,500 feet

From Dec 20, 1900Z, Wind from 080°; at 7 knots, 5 statute miles visibility, Light Rain, Ceiling is Overcast at 1,500 feet

From Dec 20, 2100Z, Wind from 090°; at 10 knots, 2 statute miles visibility, Heavy Rain, Ceiling is Overcast at 800 feet, wind shear surface to 2,000 feet, wind from 150°; at 40 knots

From Dec 21, 0200Z, Wind from 130°; at 12 knots with gusts to 18 knots, 1 statute mile visibility, Heavy Rain and Mist, Ceiling is Overcast at 500 feet, wind shear surface to 2,000 feet, wind from 150°; at 50 knots

From Dec 21, 0700Z, Wind from 150°; at 12 knots with gusts to 24 knots, 1 statute mile visibility, Heavy Rain and Mist, Ceiling is Overcast at 500 feet, wind shear surface to 2,000 feet, wind from 150°; at 45 knots.

Philadelphia International, Philadelphia, PA (KPHL). Issued Dec 20, 1138Z, valid from Dec 20, 1200Z until Dec 21, 1800Z, Wind is variable at 2 knots, greater than 6 statute miles visibility, Scattered Clouds at 25,000 feet

Temporary between Dec 20, 1200Z and Dec 20, 1300Z, 5 statute miles visibility, Mist

From Dec 20, 1500Z, Wind from 060°; at 5 knots, greater than 6 statute miles visibility, Ceiling is Overcast at 3,500 feet

From Dec 20, 1800Z, Wind from 070°; at 4 knots, 6 statute miles visibility, Light Rain, Ceiling is Overcast at 2,500 feet

From Dec 20, 2000Z, Wind from 080°; at 6 knots, 3 statute miles visibility, Light Rain, Ceiling is Overcast at 1,500 feet

From Dec 20, 2200Z, Wind from 080°; at 8 knots, 2 statute miles visibility, Light Rain, Ceiling is Overcast at 800 feet, wind shear surface to 2,000 feet, wind from 150°; at 40 knots

From Dec 21, 0300Z, Wind from 090°; at 10 knots with gusts to 18 knots, 1 statute mile visibility, Heavy Rain and Mist, Ceiling is Overcast at 500 feet, wind shear surface to 2,000 feet,

wind from 150°; at 45 knots

From Dec 21, 0700Z, Wind from 120°; at 12 knots with gusts to 22 knots, 1 statute mile visibility, Heavy Rain and Mist, Ceiling is Overcast at 500 feet, wind shear surface to 2,000 feet, wind from 150°; at 45 knots.

Northeast Philadelphia, Philadelphia, PA (KPNE). Issued Dec 20, 1138Z, valid from Dec 20, 1200Z until Dec 21, 1200Z, Wind is variable at 2 knots, greater than 6 statute miles visibility, Scattered Clouds at 25,000 feet

From Dec 20, 1500Z, Wind is variable at 2 knots, greater than 6 statute miles visibility, Ceiling is Overcast at 3,500 feet

From Dec 20, 1800Z, Wind from 060°; at 6 knots, 6 statute miles visibility, Light Rain, Ceiling is Overcast at 2,500 feet

From Dec 20, 2000Z, Wind from 080°; at 7 knots, 4 statute miles visibility, Light Rain, Ceiling is Overcast at 1,500 feet

From Dec 20, 2200Z, Wind from 090°; at 8 knots, 2 statute miles visibility, Heavy Rain, Ceiling is Overcast at 800 feet, wind shear surface to 2,000 feet, wind from 150°; at 40 knots

From Dec 21, 0300Z, Wind from 100°; at 10 knots with gusts to 18 knots, 1 statute mile visibility, Heavy Rain and Mist, Ceiling is Overcast at 500 feet, wind shear surface to 2,000 feet, wind from 150°; at 40 knots

From Dec 21, 0700Z, Wind from 160°; at 12 knots with gusts to 22 knots, 1 statute mile visibility, Heavy Rain and Mist, Ceiling is Overcast at 500 feet.

Mc Guire Field (Joint Base McGuire, Wrightstown, NJ (KWRI). Issued Dec 20, 1000Z, valid from Dec 20, 1000Z until Dec 21, 1600Z, Wind from 140°; at 6 knots, greater than 9,000 meters visibility, Few clouds at 2,000 feet, Ceiling is Broken at 20,000 feet, altimeter 30.01 inches

Becoming between Dec 20, 1700Z and Dec 20, 1800Z, Wind from 120°; at 9 knots, 8,000 meters visibility, Light Rain, Scattered Clouds at 1,000 feet, Ceiling is Overcast at 2,000 feet, altimeter 29.91 inches

Becoming between Dec 20, 2000Z and Dec 20, 2100Z, Wind from 160°; at 12 knots, 6,000 meters visibility, Light Rain and Mist, Scattered Clouds at 800 feet, Ceiling is Overcast at 1,000 feet, altimeter 29.89 inches

Temporary between Dec 20, 2100Z and Dec 21, 0000Z, Ceiling is Broken at 800 feet, Overcast at 1,000 feet

Becoming between Dec 21, 0600Z and Dec 21, 0700Z, Wind from 160°; at 15 knots with gusts to 25 knots, 6,000 meters visibility, Light Rain, Ceiling is Overcast at 800 feet, altimeter 29.86 inches, forecast maximum temperature 13°C on Dec 21, 0800Z, forecast minimum temperature -4°C on Dec 20, 1000Z.

Trenton Mercer, Trenton, NJ (KTTN). Issued Dec 20, 1138Z, valid from Dec 20, 1200Z until Dec 21, 1200Z, Wind is variable at 2 knots, greater than 6 statute miles visibility, Scattered Clouds at 25,000 feet

From Dec 20, 1600Z, Wind is variable at 3 knots, greater than 6 statute miles visibility, Ceiling is Overcast at 3,500 feet

From Dec 20, 1900Z, Wind from 070°; at 4 knots, 6 statute miles visibility, Light Rain, Ceiling is Overcast at 2,500 feet

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From Dec 20, 2100Z, Wind from 080°; at 7 knots, 4 statute miles visibility, Light Rain, Ceiling is Overcast at 1,500 feet

From Dec 20, 2300Z, Wind from 090°; at 8 knots, 2 statute miles visibility, Heavy Rain, Ceiling is Overcast at 800 feet, wind shear surface to 2,000 feet, wind from 150°; at 40 knots

From Dec 21, 0400Z, Wind from 110°; at 12 knots with gusts to 18 knots, 1 statute mile visibility, Heavy Rain and Mist, Ceiling is Overcast at 500 feet, wind shear surface to 2,000 feet, wind from 150°; at 40 knots

From Dec 21, 0700Z, Wind from 160°; at 14 knots with gusts to 22 knots, 1 statute mile visibility, Heavy Rain and Mist, Ceiling is Overcast at 500 feet.

***** Convective Outlook *****

No current Convective Outlook data for this briefing.

***** Winds Aloft Forecast *****

	2k	Filed	Filed+2k	Filed+4k	Filed-4k	Filed-						
Station	030	060	090	120	180	190	210	230	240	250	270	
	300	340	390	450	530							
201200Z												
0800-1500Z												
MLB	170034	200042+12	200046+08	200043+00	220046-09	221049-11	225056-15					
	228062-19	230066-21	230069-23	230075-28	230085-35	230079-46	230072-57					
PIE	180051	200055+12	210050+06	220044+01	220042-10	218045-11	215051-15	211057-				
	18	210061-20	211066-22	215078-28	220095-37	230094-47	240093-56	260087-63	240035-68			
JAX	170044	200046+10	200054+05	200054+00	200037-11	203039-12	210043-16					
	216047-19	220049-21	221051-23	225056-29	230063-38	230095-49	240108-58	250081-60				
	250041-69											
SAV	170038	180039+09	190040+05	190043+00	210048-11	211050-12	215054-16					
	218058-20	220060-22	220062-24	220068-30	220076-38	220087-49	230107-60					
CHS	170035	170032+09	180032+05	190041+00	220046-12	220047-13	220049-17					
	220051-21	220053-23	220055-25	220059-30	220065-38	220079-50	230102-60					
CAE	150029	170037+09	180040+04	190045-01	200043-13	205047-14	215057-18					
	225066-22	230071-24	228074-26	225081-32	220091-40	220114-50	220120-61	240072-60				
	250033-65											
FLO	160027	190031+07	200029+04	200038-01	220053-13	223057-14	230065-18	236073-				
	21	240078-23	236079-25	230081-31	220084-39	220095-50	220113-61					
ILM	170025	170022+07	210020+04	210028-01	220046-12	223049-13	230057-17	236064-				
	21	240068-23	238069-25	235073-30	230079-38	230085-49	230095-61	250072-62	250052-66			
RDU	190023	190029+06	210028+03	210035-04	220058-12	221059-14	225061-18					
	228063-22	230064-24	230068-26	230076-32	230089-40	230112-50	230123-62	250067-63				
	250040-64											
ORF	190026	210024+06	200027+01	200024-02	230040-13	231043-14	235051-18	238059-				
	22	240063-24	241064-26	245068-31	250074-39	240109-50	240119-61					
RIC	190023	210033+05	190026+03	200027-02	210039-15	213041-16	220046-19	226050-				

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22 230053-24 233056-26 240064-32 250075-40 240109-51 240131-62 250067-66 260037-63
EMI 220028 220028+06 220022+03 220022-03 220029-16 220030-17 220032-21 220034-
24 220035-26 225038-28 235046-33 250058-41 250087-51 260085-63 240071-66 260033-62
ACY 230024 240024+05 260023+03 250021-03 240029-15 240030-16 240032-20
240034-24 240035-26 243039-28 250049-33 260064-40 260089-50 260123-62
JFK 220015 250017+05 260019+02 270021-03 260034-15 260035-17 260038-21 260041-
25 260043-27 261046-29 265052-34 270061-42 270090-51 270082-61 260081-66 270039-63
AVP 210018 240014+06 250018+02 250023-04 250032-15 250033-17 250036-21
250038-25 250040-28 251043-30 255049-35 260058-43 260080-52 270063-61

201800Z

1500-0000Z

MLB 190039 200054+13 210050+07 200049+01 210059-09 211061-10 215066-14
218070-18 220073-20 220073-22 220075-27 220077-35 220080-45 230084-54
PIE 190063 200058+12 200055+07 210055+01 220057-09 220059-10 220063-14 220067-
18 220069-20 218072-22 215078-28 210087-36 220088-45 230094-53 240074-62 250040-69
JAX 200048 210046+11 210057+06 210066+00 210067-09 210067-10 210068-14
210068-18 210069-20 210069-22 210070-28 210071-37 220088-47 230097-54 240080-62
250041-69
SAV 190064 210061+10 210045+06 200039+00 200047-10 200049-11 200054-15
200058-19 200061-21 200064-23 200071-29 200081-37 210090-48 220102-56
CHS 160059 180057+10 200064+06 210059+00 210050-10 210049-11 210047-15
210045-19 210045-21 210050-23 210062-29 210079-37 220088-48 230106-58
CAE 180039 190041+09 200043+05 200046+00 200042-11 198043-13 195046-17
191049-21 190051-23 191055-25 195065-30 200080-38 210098-49 230110-56 250090-60
240041-65
FLO 160054 180049+09 190048+05 200044-01 210049-11 211050-12 215052-16 218054-
20 220056-22 218058-24 215062-30 210068-38 220081-49 240110-57
ILM 160039 170036+07 200048+05 200054-01 220050-11 220050-12 220050-16 220050-
20 220050-22 220052-24 220057-30 220064-38 230080-50 240107-58 260067-60 250047-69
RDU 160045 140032+07 170037+03 190044-01 200047-11 200048-13 200051-17
200054-21 200056-23 203059-25 210065-31 220074-39 220090-51 240120-59 250058-60
240041-66
ORF 170037 180025+07 180027+02 210038-02 230040-12 230042-13 230046-17 230050-
21 230052-23 230053-25 230057-31 230062-39 230078-51 250113-60
RIC 170027 180030+05 190027+04 200032-02 230042-13 230042-14 230043-18 230043-
22 230044-24 230050-26 230062-32 230080-40 230103-51 250119-59 240068-63 250038-64
EMI 170028 210031+05 200033+03 210031-03 220051-14 220049-15 220047-18 220044-
21 220043-23 221046-26 225053-32 230063-42 240086-52 250058-59 250072-62 260038-63
ACY 190031 220025+06 220031+01 210025-03 230049-14 231048-15 235048-18
238048-21 240048-23 241050-26 245054-32 250060-41 250084-51 260069-61
JFK 240021 240029+06 230021+01 230027-03 230034-15 231035-16 235039-19 238043-
22 240045-24 243047-27 250051-33 260058-42 260078-52 260073-62 270071-58 270041-63
AVP 220023 220030+05 210027+02 210030-03 210035-16 213036-17 220040-20
226043-22 230045-24 235047-27 245053-33 260061-42 250085-53 260065-62

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210600Z

0000-1200Z

MLB 230042 230045+08 220052+04 200078+01 200091-08 201092-09 205094-13
208096-17 210098-19 210100-21 210104-27 210110-35 210109-43 220096-52
PIE 230035 240051+06 230067-01 210084-06 210109-09 210111-10 210116-14 210120-
17 210123-19 210122-21 210121-26 210120-34 220112-40 220100-49 230076-59 240033-68
JAX 220044 220058+08 210060+02 210067-05 190105-10 191107-11 195113-14 198119-
17 200122-19 200121-21 200120-27 200118-36 210113-42 210107-49 230076-57 210042-67
SAV 210035 200042+07 210050+01 210060-03 190112-11 190114-12 190118-15
190122-18 190125-20 191124-22 195122-28 200120-37 200117-43 210111-50
CHS 200042 200037+07 210051+00 200076-01 180073-10 183079-11 190093-15 196106-
19 200113-21 200114-23 200116-29 200119-38 200117-44 210109-50
CAE 200028 190036+06 200041+01 210056-05 180100-11 181103-12 185111-16
188119-20 190123-22 191123-24 195124-29 200125-37 200123-44 210110-49 220059-55
230040-66
FLO 190044 200041+09 210045+00 190064-02 180078-10 183083-12 190093-16 196103-
20 200109-22 200110-24 200112-30 200115-38 200115-45 210103-50
ILM 180069 200066+10 200063+05 200058-01 200056-10 201057-11 205061-15 208064-
19 210066-21 210072-23 210085-29 210104-37 210109-46 220103-53 240060-58 240036-67
RDU 210031 200037+09 200044+04 190046-01 180064-09 183068-11 190076-15
196084-19 200089-22 200090-24 200094-30 200099-38 210102-47 220107-52 240066-57
240036-66
ORF 180063 200056+11 200059+05 200065+00 210052-09 208053-11 205055-15
201057-19 200059-21 203060-23 210063-29 220068-37 220077-49 230106-54
RIC 180064 200071+10 200072+05 190075-01 200057-10 200057-11 200057-15 200057-
19 200058-21 201059-23 205063-29 210069-37 210080-49 220109-55 250057-57 250038-67
EMI 160069 180068+10 190067+05 200067-01 200057-11 200058-12 200060-16 200062-
19 200064-21 201064-23 205064-29 210064-38 220085-50 230105-55 240060-60 250030-65
ACY 170063 180053+09 180051+04 210058-01 210053-11 210052-12 210050-16
210048-20 210047-22 213048-24 220052-30 230057-38 230083-49 240089-56
JFK 160045 180040+07 210054+03 210058-01 220047-11 221048-12 225051-16 228054-
20 230056-22 230057-24 230059-30 230063-39 240078-50 250088-56 250062-62 260032-65
AVP 150053 170057+07 190065+04 200061-01 210057-11 211057-13 215059-17
218060-21 220061-23 221061-25 225062-31 230063-39 240090-51 240101-57

***** All Apron NOTAMs *****

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

!MCO 12/091 Orlando International, Orlando, FL (KMCO) Apron airside 3 ramp between
taxiway E2 and taxiway E3 centerline marking not standard Dec 18, 2018 1312Z to Jan 25, 2019
2200Z

!MCO 12/090 Orlando International, Orlando, FL (KMCO) Apron airside 3 ramp between
taxiway B6 and taxiway B7 centerline marking not standard Dec 18, 2018 1312Z to Jan 25, 2019
2200Z

!DAB 12/085 Daytona Beach International, Daytona Beach, FL (KDAB) Apron all field condition wet braking action good to medium observed at Dec 20, 2018 1128Z. Dec 20, 2018 1128Z to Dec 21, 2018 1128Z

!SGJ 12/016 Northeast Florida Regional, St. Augustine, FL (KSGJ) Apron fixed base OPR ramp work in progress construction lighted and barricaded Dec 19, 2018 1453Z to Feb 28, 2019 1300Z

!CRG 12/004 Jacksonville Executive, Jacksonville, FL (KCRG) Apron CRAIG air Center hangar ramp southeast 525 feet work in progress construction adjacent southeast edge equipment close to ramp lighted and barricaded Dec 04, 2018 1200Z to Mar 15, 2019 2000Z

!RDU 11/048 Raleigh/Durham International, Raleigh/Durham, NC (KRDU) Apron TXL F between gate D9 and gate D13 closed Nov 06, 2018 1135Z to Jan 21, 2019 2300Z

!RDU 05/375 Raleigh/Durham International, Raleigh/Durham, NC (KRDU) Apron TXL F between taxiway T1 and taxiway T7 closed to aircraft wingspan more than 171 feet May 30, 2017 1846Z-permanent

!MIV 08/198 Millville, Millville, NJ (KMIV) Apron main ramp north of taxiway B east 300 feet closed and barricaded Aug 07, 2018 1853Z to Mar 31, 2019 1200Z

!PHL 06/315 Philadelphia International, Philadelphia, PA (KPHL) Apron terminal DE alley centerline light out of service Jun 30, 2018 0527Z to Dec 31, 2018 1100Z

!TTN 12/044 Trenton Mercer, Trenton, NJ (KTTN) Apron executive jet Port ramp closed Dec 05, 2018 2051Z to Jun 30, 2019 2000Z

!TTN 05/271 Trenton Mercer, Trenton, NJ (KTTN) Apron south apron helipad H3 markings not standard May 31, 2018 1043Z to Jun 30, 2019 2100Z

!MIV 08/325 Sky Manor, Pittstown, NJ (KN40) Apron main ramp closed to helicopter air taxi and hover operations near fuel pump Aug 15, 2017 1408Z-permanent

!MIV 10/164 Princeton, Princeton/Rocky Hill, NJ (K39N) Apron west ramp transient parking on west apron only Oct 28, 2018 1339Z-permanent

***** All Taxiway NOTAMs *****

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

!ISM 12/001 Kissimmee Gateway, Orlando, FL (KISM) Taxiway B, F, G, H edge light out of service Dec 01, 2018 2200Z to Mar 15, 2019 2200Z

!MCO 12/089 Orlando International, Orlando, FL (KMCO) Taxiway E3 between airside 3 ramp and taxiway E2 work in progress construction lighted and barricaded Dec 18, 2018 1311Z to Jan

25, 2019 2200Z

!MCO 12/088 Orlando International, Orlando, FL (KMCO) Taxiway E3 between airside 3 ramp and taxiway E2 closed lighted and barricaded Dec 18, 2018 1311Z to Jan 25, 2019 2200Z

!MCO 12/082 Orlando International, Orlando, FL (KMCO) Taxiway J2 centerline light between airside 1 ramp and taxiway J out of service Dec 17, 2018 1736Z to Jan 11, 2019 2200Z

!MCO 12/042 Orlando International, Orlando, FL (KMCO) Taxiway J1 edge markings between taxiway C1 and taxiway J not standard Dec 07, 2018 1533Z to Feb 15, 2019 2200Z

!MCO 12/019 Orlando International, Orlando, FL (KMCO) Taxiway J5 centerline light out of service Dec 04, 2018 0046Z to Feb 01, 2019 2200Z

!MCO 12/018 Orlando International, Orlando, FL (KMCO) Taxiway J4 centerline light out of service Dec 04, 2018 0046Z to Feb 01, 2019 2200Z

!MCO 12/017 Orlando International, Orlando, FL (KMCO) Taxiway J3 centerline light out of service Dec 04, 2018 0045Z to Feb 01, 2019 2200Z

!MCO 12/016 Orlando International, Orlando, FL (KMCO) Taxiway J centerline light between taxiway J2 and taxiway J5 out of service Dec 04, 2018 0045Z to Feb 01, 2019 2200Z

!MCO 12/015 Orlando International, Orlando, FL (KMCO) Taxiway G centerline light between taxiway J5 and taxiway H1 out of service Dec 04, 2018 0044Z to Feb 01, 2019 2200Z

!MCO 11/184 Orlando International, Orlando, FL (KMCO) Taxiway A between west ramp south end and taxiway B10 non-movement area Nov 15, 2018 1724Z to Jan 07, 2019 2200Z

!DAB 12/087 Daytona Beach International, Daytona Beach, FL (KDAB) Taxiway S holding position sign for approach end runway 07 right west side light out of service Dec 20, 2018 1212Z to Dec 26, 2018 2200Z

!DAB 12/084 Daytona Beach International, Daytona Beach, FL (KDAB) Taxiway all field condition wet braking action good to medium observed at Dec 20, 2018 1127Z. Dec 20, 2018 1127Z to Dec 21, 2018 1127Z

!DAB 12/032 Daytona Beach International, Daytona Beach, FL (KDAB) Taxiway W2 closed Dec 08, 2018 2250Z to Jan 31, 2019 2300Z

!OMN 10/013 Ormond Beach Municipal, Ormond Beach, FL (KOMN) Taxiway A2 closed Oct 31, 2018 1218Z to Apr 19, 2019 2100Z

!OMN 10/012 Ormond Beach Municipal, Ormond Beach, FL (KOMN) Taxiway A west of taxiway G closed Oct 31, 2018 1217Z to Apr 19, 2019 2100Z

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!OMN 10/010 Ormond Beach Municipal, Ormond Beach, FL (KOMN) Taxiway G between taxiway G2 and taxiway A closed Oct 29, 2018 1215Z to Jan 02, 2019 1100Z

!SGJ 11/010 Northeast Florida Regional, St. Augustine, FL (KSGJ) Taxiway B2 holding position sign northeast side for runway 02/20 not lighted Nov 19, 2018 1200Z to Feb 28, 2019 1700Z

!CRG 12/005 Jacksonville Executive, Jacksonville, FL (KCRG) Taxiway A3 between taxiway A and CRAIG air Center ramp closed Dec 04, 2018 1401Z to Mar 15, 2019 2000Z

!HXD 12/033 Hilton Head Island, Hilton Head Island, SC (KHXD) Taxiway F2 now taxiway F3 Dec 19, 2018 1224Z-permanent

!HXD 12/031 Hilton Head Island, Hilton Head Island, SC (KHXD) Taxiway all surface markings not standard Dec 18, 2018 0030Z to Dec 22, 2018 1100Z

!HXD 12/019 Hilton Head Island, Hilton Head Island, SC (KHXD) Taxiway F between terminal apron and taxiway F1 closed Dec 10, 2018 1912Z to Mar 31, 2019 1300Z

!HXD 12/018 Hilton Head Island, Hilton Head Island, SC (KHXD) Taxiway F1 closed Dec 10, 2018 1911Z to Mar 31, 2019 1300Z

!RDU 12/326 Raleigh/Durham International, Raleigh/Durham, NC (KRDU) Taxiway J4 closed service road repair work Dec 20, 2018 1200Z to Dec 20, 2018 2200Z

!RDU 12/287 Raleigh/Durham International, Raleigh/Durham, NC (KRDU) Taxiway F1 closed Dec 15, 2018 1123Z to Mar 15, 2019 2200Z

!RDU 12/067 Raleigh/Durham International, Raleigh/Durham, NC (KRDU) Taxiway A7 changed to taxiway A6 Dec 05, 2018 1305Z-permanent

!RDU 12/066 Raleigh/Durham International, Raleigh/Durham, NC (KRDU) Taxiway A5 changed to taxiway A4 Dec 05, 2018 1305Z-permanent

!RDU 12/065 Raleigh/Durham International, Raleigh/Durham, NC (KRDU) Taxiway A6 changed to taxiway A5 Dec 05, 2018 1304Z-permanent

!RDU 12/064 Raleigh/Durham International, Raleigh/Durham, NC (KRDU) Taxiway A8 changed to taxiway A7 Dec 05, 2018 1304Z-permanent

!RDU 11/017 Raleigh/Durham International, Raleigh/Durham, NC (KRDU) Taxiway T3 closed Nov 05, 2018 1300Z to Jan 21, 2019 2300Z

!RIC 11/024 Richmond International, Richmond, VA (KRIC) Taxiway M1 and taxiway M between taxiway M1 and taxiway M2 closed Nov 08, 2018 1300Z to Jul 31, 2019 2100Z

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!MIV 12/131 Millville, Millville, NJ (KMIV) Taxiway B between taxiway A and taxiway G closed Dec 19, 2018 2009Z to Dec 21, 2018 2200Z

!MIV 12/130 Millville, Millville, NJ (KMIV) Taxiway G between taxiway A and approach end runway 32 closed Dec 19, 2018 2008Z to Dec 21, 2018 2200Z

!MIV 12/129 Millville, Millville, NJ (KMIV) Taxiway A between taxiway G and approach end runway 28 closed Dec 19, 2018 2008Z to Dec 21, 2018 2200Z

!ILG 12/048 New Castle, Wilmington, DE (KILG) Taxiway K5 holding position sign for runway 09/27 left side not lighted Dec 18, 2018 2154Z to Dec 28, 2018 2000Z

!ILG 12/036 New Castle, Wilmington, DE (KILG) Taxiway D holding position sign for runway 14/32 not lighted Dec 15, 2018 0558Z to Jan 05, 2019 0600Z

!ILG 11/136 New Castle, Wilmington, DE (KILG) Taxiway K surface painted holding position signs for runway 01/19 east side not marked Nov 21, 2018 2025Z to Dec 31, 2018 2200Z

!ILG 11/134 New Castle, Wilmington, DE (KILG) Taxiway B1 surface painted holding position signs not marked Nov 21, 2018 2021Z to Dec 31, 2018 2200Z

!ILG 11/133 New Castle, Wilmington, DE (KILG) Taxiway K surface markings between runway 01/19 and taxiway K2 not standard Nov 21, 2018 2020Z to Dec 31, 2018 2200Z

!ILG 11/132 New Castle, Wilmington, DE (KILG) Taxiway B1, B2, B3 surface markings not standard Nov 21, 2018 2018Z to Dec 31, 2018 2200Z

!ILG 11/131 New Castle, Wilmington, DE (KILG) Taxiway B surface painted holding position signs for runway 09/27 not marked Nov 21, 2018 2013Z to Dec 31, 2018 2200Z

!ILG 11/130 New Castle, Wilmington, DE (KILG) Taxiway B surface markings between runway 09/27 and taxiway B1 not standard Nov 21, 2018 2010Z to Dec 31, 2018 2200Z

!PHL 12/188 Philadelphia International, Philadelphia, PA (KPHL) Taxiway Z between taxiway J and taxiway S non-movement area Dec 20, 2018 1015Z to Dec 20, 2018 1700Z

!PHL 12/173 Philadelphia International, Philadelphia, PA (KPHL) Taxiway E3 holding position sign for runway 17/35 not lighted Dec 19, 2018 0507Z to Jan 31, 2019 1100Z

!PHL 12/169 Philadelphia International, Philadelphia, PA (KPHL) Taxiway S11 holding position sign northeast side for runway 09R/27L not lighted Dec 18, 2018 0132Z to Jan 31, 2019 1100Z

!PHL 12/165 Philadelphia International, Philadelphia, PA (KPHL) Taxiway D holding position sign for approach end runway 08 not lighted Dec 17, 2018 0230Z to Jan 31, 2019 1300Z

!PHL 12/163 Philadelphia International, Philadelphia, PA (KPHL) Taxiway F between taxiway

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H and taxiway K closed daily 0300-1200 Dec 17, 2018 0300Z to Dec 21, 2018 1200Z

!PHL 12/162 Philadelphia International, Philadelphia, PA (KPHL) Taxiway K between taxiway C and taxiway F closed daily 0300-1200 Dec 17, 2018 0300Z to Dec 21, 2018 1200Z

!PHL 12/124 Philadelphia International, Philadelphia, PA (KPHL) Taxiway T location sign for taxiway P not lighted Dec 12, 2018 0731Z to Jan 31, 2019 1100Z

!PHL 11/267 Philadelphia International, Philadelphia, PA (KPHL) Taxiway S taxiway direction sign southeast side for taxiway S1 not lighted Nov 29, 2018 0354Z to Dec 31, 2018 1100Z

!PHL 08/323 Philadelphia International, Philadelphia, PA (KPHL) Taxiway S taxiway direction sign for taxiway S missing Aug 31, 2018 1135Z to Dec 31, 2018 1000Z

!PNE 12/063 Northeast Philadelphia, Philadelphia, PA (KPNE) Taxiway H holding position sign for runway 06/24 not lighted Dec 20, 2018 0038Z to Jan 10, 2019 2359Z

!PNE 12/048 Northeast Philadelphia, Philadelphia, PA (KPNE) Taxiway C3 changed to taxiway C2 Dec 13, 2018 1828Z-permanent

!PNE 12/047 Northeast Philadelphia, Philadelphia, PA (KPNE) Taxiway E between approach end runway 06 and 200 feet southeast of approach end runway 06 changed to taxiway E1 Dec 12, 2018 2002Z-permanent

!PNE 12/046 Northeast Philadelphia, Philadelphia, PA (KPNE) Taxiway A between approach end runway 15 and 200 feet SOUTHEWEST of approach end runway 15 changed to taxiway A6 Dec 12, 2018 2002Z-permanent

!PNE 12/016 Northeast Philadelphia, Philadelphia, PA (KPNE) Taxiway A2 changed to taxiway A3 Dec 04, 2018 2046Z-permanent

!PNE 12/013 Northeast Philadelphia, Philadelphia, PA (KPNE) Taxiway A3 changed to taxiway A4 Dec 03, 2018 2030Z-permanent

!PNE 12/010 Northeast Philadelphia, Philadelphia, PA (KPNE) Taxiway L between taxiway L3 and approach end runway 24 work in progress construction adjacent north side safety area Dec 03, 2018 1259Z to Jan 31, 2019 2300Z

!PNE 11/124 Northeast Philadelphia, Philadelphia, PA (KPNE) Taxiway A4 changed to taxiway A5 Nov 30, 2018 1752Z-permanent

!PNE 11/121 Northeast Philadelphia, Philadelphia, PA (KPNE) Taxiway L between approach end runway 24 and L changed to L1 Nov 29, 2018 1900Z-permanent

!PNE 11/120 Northeast Philadelphia, Philadelphia, PA (KPNE) Taxiway L1 changed to taxiway L3 Nov 29, 2018 1705Z-permanent

!PNE 11/119 Northeast Philadelphia, Philadelphia, PA (KPNE) Taxiway C between approach end runway 33 and C changed to C1 Nov 29, 2018 1703Z-permanent

!PNE 11/111 Northeast Philadelphia, Philadelphia, PA (KPNE) Taxiway A1 changed to taxiway A2 Nov 28, 2018 1640Z-permanent

!PNE 11/110 Northeast Philadelphia, Philadelphia, PA (KPNE) Taxiway A between taxiway B and approach end runway 33 changed to taxiway A1 Nov 28, 2018 1632Z-permanent

!PNE 09/066 Northeast Philadelphia, Philadelphia, PA (KPNE) Taxiway F between taxiway E and runway 06/24 changed to taxiway E2 Sep 24, 2018 1353Z-permanent

!TTN 12/063 Trenton Mercer, Trenton, NJ (KTTN) Taxiway F between runway 6/24 and taxiway E adjacent E side irregular surface Dec 06, 2018 1850Z to Dec 31, 2018 2100Z

!TTN 12/050 Trenton Mercer, Trenton, NJ (KTTN) Taxiway D1 commissioned 225 feet X 50 feet asphalt lighted Dec 05, 2018 2103Z-permanent

!TTN 12/048 Trenton Mercer, Trenton, NJ (KTTN) Taxiway D between taxiway D1 and 350 feet southeast taxiway D1 closed Dec 05, 2018 2144Z to Jun 30, 2019 2000Z

!TTN 06/199 Trenton Mercer, Trenton, NJ (KTTN) Taxiway E closed to aircraft wingspan more than 110 feet except 24HR prior permission required Jun 30, 2018 1605Z to Dec 31, 2018 2359Z

***** All Runway NOTAMs *****

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

!GIF 08/003 Winter Haven'S Gilbert, Winter Haven, FL (KGIF) Runway 11 threshold displaced 475 feet. Declared distance: takeoff run available 4,001 feet takeoff distance available 4,001 feet accelerate-stop distance available 4,001 feet landing distance available 3,526 feet. Aug 03, 2017 1832Z to Dec 31, 2018 1630Z Estimated

!MCO 12/104 Orlando International, Orlando, FL (KMCO) Runway 18R/36L closed Dec 21, 2018 1200Z to Dec 21, 2018 1400Z

!MCO 12/103 Orlando International, Orlando, FL (KMCO) Runway 35 right approach light system out of service Dec 20, 2018 1200Z to Dec 20, 2018 1700Z

!MCO 12/029 Orlando International, Orlando, FL (KMCO) Runway 36 left runway end ID light out of service Dec 06, 2018 1143Z to Jan 03, 2019 2000Z Estimated

!MCO 09/043 Orlando International, Orlando, FL (KMCO) Runway 35 left approach light system out of service Sep 07, 2018 1309Z to Feb 07, 2019 2000Z Estimated

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!ORL 12/042 Executive, Orlando, FL (KORL) Runway 31 runway end ID light out of service Dec 17, 2018 1709Z to Dec 21, 2018 2000Z Estimated

!SFB 12/058 Orlando Sanford International, Orlando, FL (KSFB) Runway 27 right runway alignment indicator light out of service Dec 11, 2018 1512Z to Dec 20, 2018 2000Z Estimated

!SFB 12/013 Orlando Sanford International, Orlando, FL (KSFB) Runway 09R/27L W 808 feet closed. Declared distance: runway 09 right takeoff run available 5,839 feet takeoff distance available 5,839 feet accelerate-stop distance available 5,839 feet landing distance available 5,000 feet. Runway 27 left takeoff run available 5,839 feet takeoff distance available 5,839 feet accelerate-stop distance available 6,132 feet landing distance available 5,839 feet. Dec 04, 2018 1618Z to Mar 04, 2019 2359Z

!LEE 09/025 Leesburg International, Leesburg, FL (KLEE) Runway 31 precision approach path indicator out of service Sep 28, 2018 1841Z to Dec 31, 2018 0400Z

!LEE 09/024 Leesburg International, Leesburg, FL (KLEE) Runway 03 precision approach path indicator out of service Sep 28, 2018 1841Z to Dec 31, 2018 0400Z

!LEE 09/023 Leesburg International, Leesburg, FL (KLEE) Runway 13 runway end ID light out of service Sep 28, 2018 1840Z to Dec 31, 2018 0400Z

!LEE 09/022 Leesburg International, Leesburg, FL (KLEE) Runway 31 runway end ID light out of service Sep 28, 2018 1838Z to Dec 31, 2018 0400Z

!PIE 12/162 Deland Muni-Sidney H Taylor FD, Deland, FL (KDED) Runway 23 precision approach path indicator unusable Dec 14, 2018 1259Z to Jun 14, 2019 2111Z Estimated

!PIE 12/161 Deland Muni-Sidney H Taylor FD, Deland, FL (KDED) Runway 12 precision approach path indicator unusable Dec 14, 2018 1259Z to Jun 14, 2019 2111Z Estimated

!PIE 12/160 Deland Muni-Sidney H Taylor FD, Deland, FL (KDED) Runway 05 precision approach path indicator unusable Dec 14, 2018 1258Z to Jun 14, 2019 2111Z Estimated

!DAB 12/083 Daytona Beach International, Daytona Beach, FL (KDAB) Runway 07 right field condition 3/3/3 10,000 feet PCT wet observed at Dec 20, 2018 1125Z. Dec 20, 2018 1125Z to Dec 21, 2018 1125Z

!DAB 12/082 Daytona Beach International, Daytona Beach, FL (KDAB) Runway 16 field condition 5/5/5 10,000 feet PCT wet observed at Dec 20, 2018 1123Z. Dec 20, 2018 1123Z to Dec 21, 2018 1123Z

!DAB 12/081 Daytona Beach International, Daytona Beach, FL (KDAB) Runway 07 left field condition 5/5/5 10,000 feet PCT wet observed at Dec 20, 2018 1121Z. Dec 20, 2018 1121Z to Dec 21, 2018 1121Z

!DAB 10/124 Daytona Beach International, Daytona Beach, FL (KDAB) Runway 25 right threshold markings not standard Oct 22, 2018 1505Z to Jan 11, 2019 1500Z

!OMN 12/004 Ormond Beach Municipal, Ormond Beach, FL (KOMN) Runway 35 precision approach path indicator out of service Dec 13, 2018 2021Z to Dec 21, 2018 1100Z

!OMN 10/006 Ormond Beach Municipal, Ormond Beach, FL (KOMN) Runway 08/26 closed except crossing Oct 22, 2018 1100Z to Apr 19, 2019 2100Z

!FIN 12/002 Flagler Executive, Palm Coast, FL (KFIN) Runway 06 precision approach path indicator out of service Dec 10, 2018 1354Z to Jan 10, 2019 2359Z

!FIN 11/011 Flagler Executive, Palm Coast, FL (KFIN) Runway 24 precision approach path indicator unusable Nov 16, 2018 1502Z to May 16, 2019 2111Z Estimated

!FIN 08/001 Flagler Executive, Palm Coast, FL (KFIN) Runway 11 right pattern Aug 03, 2015 1306Z-permanent

!GNV 07/085 Palatka Municipal - LT Kay Larkin F, Palatka, FL (K28J) Runway 27 runway end ID light out of service Jul 05, 2018 2104Z to Jan 05, 2019 2111Z Estimated

!SGJ 11/008 Northeast Florida Regional, St. Augustine, FL (KSGJ) Runway 02/20 closed Nov 19, 2018 1300Z to Feb 28, 2019 1700Z

!HXD 12/030 Hilton Head Island, Hilton Head Island, SC (KHXD) Runway 03/21 surface markings not standard Dec 18, 2018 0030Z to Dec 22, 2018 1100Z

!HXD 10/036 Hilton Head Island, Hilton Head Island, SC (KHXD) Runway 03 engineered material arrest system 219 feet X 122 feet departure end commissioned Oct 16, 2018 1701Z-permanent

!HXD 10/007 Hilton Head Island, Hilton Head Island, SC (KHXD) Runway 21 threshold displaced 403 feet. DECARED distance: takeoff run available 5,000 feet. Takeoff distance available 5,000 feet. Accelerate-stop distance available 5,000 feet. Landing distance available 4,597 feet. Oct 01, 2018 1913Z to Jan 01, 2019 2100Z

!HXD 10/006 Hilton Head Island, Hilton Head Island, SC (KHXD) Runway 03 threshold displaced 297 feet. Declared distance: takeoff run available 5,000 feet takeoff distance available 5,000 feet accelerate-stop distance available 5,000 feet landing distance available 4,703 feet Oct 01, 2018 1910Z to Jan 01, 2019 2100Z

!HXD 07/042 Hilton Head Island, Hilton Head Island, SC (KHXD) Runway 21 engineered material arrest system 219 feet X 122 feet departure end commissioned Jul 23, 2018 1338Z-permanent

!AND 12/176 Williamsburg Regional, Kingstree, SC (KCKI) Runway 32 precision approach

path indicator out of service Dec 14, 2018 1924Z to Jun 14, 2019 2111Z Estimated

!AND 08/307 Conway-Horry CO, Conway, SC (KHYW) Runway 04 precision approach path indicator out of service Aug 16, 2018 1414Z-permanent

!FLO 12/003 Florence Regional, Florence, SC (KFLO) Runway 09 runway end ID light out of service Dec 03, 2018 1906Z to Dec 31, 2018 2359Z

!AND 12/148 Green Sea, Green Sea, SC (KS79) Runway 09/27 closed Dec 12, 2018 2243Z to Dec 26, 2018 2359Z

!LBT 12/011 Lumberton Regional, Lumberton, NC (KLBT) Runway 23 precision approach path indicator out of service Dec 19, 2018 2028Z to Jun 19, 2019 2111Z Estimated

!LBT 12/010 Lumberton Regional, Lumberton, NC (KLBT) Runway 05 runway end ID light out of service Dec 19, 2018 2027Z to Jun 19, 2019 2111Z Estimated

!EYF 12/001 Curtis L Brown Jr Field, Elizabethtown, NC (KEYF) Runway 15 precision approach path indicator out of service Dec 14, 2018 0012Z to Feb 28, 2019 2359Z

!FAY 08/031 Fayetteville Rgnl/Grannis Field, Fayetteville, NC (KFAY) Runway 28 precision approach path indicator out of service Aug 16, 2018 1719Z to Feb 16, 2019 2111Z Estimated

!RDU 12/313 Wilson Industrial, Wilson, NC (KW03) Runway 03 precision approach path indicator out of service Dec 18, 2018 1725Z to Jul 31, 2019 2111Z Estimated

!RWI 12/012 Rocky Mount-Wilson Regional, Rocky Mount, NC (KRWI) Runway 04 approach light system out of service Dec 17, 2018 2008Z to Mar 28, 2019 2000Z

!IXA 10/012 Halifax-Northampton Regional, Roanoke Rapids, NC (KIXA) Runway 20 precision approach path indicator unusable Oct 31, 2018 2217Z to Jan 31, 2019 2300Z Estimated

!IXA 10/011 Halifax-Northampton Regional, Roanoke Rapids, NC (KIXA) Runway 02 precision approach path indicator unusable Oct 31, 2018 2215Z to Jan 31, 2019 2300Z Estimated

!EMV 08/001 Emporia-Greensville Regional, Emporia, VA (KEMV) Runway 34 runway end ID light out of service Aug 08, 2018 1212Z to Feb 08, 2019 2111Z Estimated

!JGG 04/001 Williamsburg-Jamestown, Williamsburg, VA (KJGG) Runway 31 threshold displaced 200 feet Apr 15, 2015 1947Z-permanent

!FYJ 07/001 Middle Peninsula Regional, West Point, VA (KFYJ) Runway 10 threshold marking not standard Jul 05, 2018 1557Z to Jul 05, 2020 1556Z Estimated

!DCA 11/373 Saluda/Hummel Field, Saluda, VA (KW75) Runway 01/19 closed daily sunset-sunrise Nov 21, 2018 2220Z to Jan 21, 2019 1149Z

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!MIV 11/034 Laurel, Laurel, DE (KN06) Runway 15/33 southwest 200 feet width closed Nov 06, 2018 1447Z to May 01, 2019 2359Z

!W29 10/003 Bay Bridge, Stevensville, MD (KW29) Runway 29 right traffic pattern rotor aircraft Oct 26, 2018 1354Z to Dec 31, 2018 2359Z

!W29 10/001 Bay Bridge, Stevensville, MD (KW29) Runway 29 REDL left side out of service Oct 17, 2018 1415Z to Dec 31, 2018 2359Z

!MIV 07/848 Jenkins, Wyoming, DE (K15N) Runway 18/36 closed Jul 28, 2018 1726Z-permanent

!MIV 11/057 Summit, Middletown, DE (KEVY) Runway 35 precision approach path indicator out of service Nov 08, 2018 1417Z to Dec 28, 2018 2200Z

!MIV 11/056 Summit, Middletown, DE (KEVY) Runway 17 precision approach path indicator out of service Nov 08, 2018 1416Z to Dec 28, 2018 2200Z

!MIV 07/394 Summit, Middletown, DE (KEVY) Runway 35 runway end ID light out of service Jul 13, 2018 2052Z to Jan 13, 2019 2111Z Estimated

!MIV 07/393 Summit, Middletown, DE (KEVY) Runway 17 runway end ID light out of service Jul 13, 2018 2051Z to Jan 13, 2019 2111Z Estimated

!MIV 05/047 Summit, Middletown, DE (KEVY) Runway 11/29 closed daily sunset-sunrise May 06, 2015 1821Z-permanent

!MIV 11/146 Millville, Millville, NJ (KMIV) Runway 10 approach light system out of service Nov 21, 2018 1809Z to Jan 04, 2019 2100Z

!MIV 11/145 Millville, Millville, NJ (KMIV) Runway 10/28 closed Nov 21, 2018 1807Z to Jan 04, 2019 2100Z

!ILG 12/052 New Castle, Wilmington, DE (KILG) Runway 27 holding position sign at runway 14/32 right side not lighted Dec 19, 2018 2217Z to Jan 05, 2019 0600Z

!ILG 12/034 New Castle, Wilmington, DE (KILG) Runway 27 runway end ID light out of service Dec 15, 2018 0417Z to Mar 01, 2019 2000Z

!MIV 12/126 Spitfire Aerodrome, Pedricktown, NJ (K7N7) Runway 07/25 closed Dec 19, 2018 1745Z to Dec 26, 2018 2359Z

!PHL 12/187 Philadelphia International, Philadelphia, PA (KPHL) Runway 17 approach light system out of service Dec 20, 2018 1400Z to Dec 20, 2018 2100Z

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!PHL 12/177 Philadelphia International, Philadelphia, PA (KPHL) Runway 17 1,000 feet distance remaining sign not lighted Dec 19, 2018 1232Z to Jan 31, 2019 1100Z

!PHL 12/176 Philadelphia International, Philadelphia, PA (KPHL) Runway 35 5,000 feet distance remaining sign not lighted Dec 19, 2018 1230Z to Jan 31, 2019 1100Z

!PHL 12/170 Philadelphia International, Philadelphia, PA (KPHL) Runway 09 right taxiway direction sign at taxiway U southwest side missing Dec 18, 2018 0135Z to Feb 28, 2019 1100Z

!PHL 12/161 Philadelphia International, Philadelphia, PA (KPHL) Runway 09L/27R closed daily 0300-1100 Dec 17, 2018 0300Z to Dec 21, 2018 1100Z

!PHL 12/160 Philadelphia International, Philadelphia, PA (KPHL) Runway 08/26 closed daily 0300-1100 Dec 17, 2018 0300Z to Dec 21, 2018 1100Z

!PHL 12/159 Philadelphia International, Philadelphia, PA (KPHL) Runway 17/35 closed daily 0300-1100 Dec 17, 2018 0300Z to Dec 21, 2018 1100Z

!PHL 11/280 Philadelphia International, Philadelphia, PA (KPHL) Runway 27 right taxiway direction sign at taxiway C not lighted Nov 30, 2018 0529Z to Dec 31, 2018 1100Z

!PHL 06/238 Philadelphia International, Philadelphia, PA (KPHL) Runway 09L/27R safety area not standard S edge between taxiway E and C Jun 22, 2018 1054Z to Dec 31, 2018 1100Z

!PHL 06/237 Philadelphia International, Philadelphia, PA (KPHL) Runway 09L/27R safety area not standard N edge between taxiway F and taxiway C Jun 22, 2018 1052Z to Dec 31, 2018 1100Z

!MIV 05/173 Red Lion, Vincentown, NJ (KN73) Runway 05 precision approach path indicator out of service May 31, 2018 1856Z to May 31, 2019 1856Z

!MIV 05/172 Red Lion, Vincentown, NJ (KN73) Runway 23 precision approach path indicator out of service May 31, 2018 1856Z to May 31, 2019 1856Z

!LOM 11/002 Wings Field, Philadelphia, PA (KLOM) Runway 06/24 closed to TGL Nov 12, 2018 1946Z-permanent

!PNE 12/062 Northeast Philadelphia, Philadelphia, PA (KPNE) Runway 24 holding position sign at runway 15/33 right side not lighted Dec 20, 2018 0037Z to Jan 10, 2019 2359Z

!PNE 12/061 Northeast Philadelphia, Philadelphia, PA (KPNE) Runway 33 holding position sign at runway 06/24 right side not lighted Dec 20, 2018 0037Z to Jan 10, 2019 2359Z

!TTN 12/109 Trenton Mercer, Trenton, NJ (KTTN) Runway 24 holding position sign at runway 16/34 not lighted Dec 20, 2018 0913Z to Jan 03, 2019 1700Z

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!TTN 12/030 Trenton Mercer, Trenton, NJ (KTTN) Runway 16/34 safety area not standard E side at taxiway F ruts Dec 04, 2018 2107Z to Dec 31, 2018 2100Z

!TTN 11/175 Trenton Mercer, Trenton, NJ (KTTN) Runway 06/24 safety area not standard southeast side standing water and ruts Nov 30, 2018 1418Z to Jan 31, 2019 2200Z

!TTN 11/174 Trenton Mercer, Trenton, NJ (KTTN) Runway 06/24 safety area not standard northwest side adjacent taxiway J ruts Nov 30, 2018 1416Z to Jan 31, 2019 2200Z

!TTN 11/167 Trenton Mercer, Trenton, NJ (KTTN) Runway 34 runway end ID light out of service Nov 30, 2018 1254Z to Dec 28, 2018 2000Z Estimated

!MIV 12/060 Solberg-Hunterdon, Readington, NJ (KN51) Runway 13/31 closed Dec 06, 2018 1859Z to Apr 01, 2019 2359Z

!MIV 11/177 Solberg-Hunterdon, Readington, NJ (KN51) Runway 22 FST 1,300 feet closed Nov 27, 2018 2039Z to Jul 01, 2019 2359Z

!MIV 11/176 Solberg-Hunterdon, Readington, NJ (KN51) Runway 04 FST 1,298 feet closed Nov 27, 2018 2037Z to Jul 01, 2019 2359Z

!SXX 11/006 SXX Runway 17/35 commissioned 5,500 feet X 100 feet concrete lighted Nov 07, 2018 1648Z-permanent

!SXX 11/004 SXX Runway 17/35 MIRL commissioned Nov 05, 2018 1853Z-permanent

!SXX 11/002 SXX Runway 35 precision approach path indicator commissioned Nov 05, 2018 1842Z-permanent

!SXX 11/001 SXX Runway 17 precision approach path indicator commissioned Nov 05, 2018 1840Z-permanent

***** All Aerodrome NOTAMs *****

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

!ISM 12/002 Kissimmee Gateway, Orlando, FL (KISM) Aerodrome airport windcone light for runway 15/33 out of service Dec 01, 2018 2201Z to Mar 15, 2019 2200Z

!GIF 12/001 Winter Haven'S Gilbert, Winter Haven, FL (KGIF) Aerodrome airport mobile jet A fuel not available Dec 07, 2018 2022Z to Dec 21, 2018 2359Z

!MCO 11/208 Orlando International, Orlando, FL (KMCO) Aerodrome airport bird active increased birds and flocks Nov 20, 2018 0132Z to Mar 31, 2019 2359Z

!PIE 02/174 Orlando, Orlando, FL (KFL5) Aerodrome seaplane base closed except prior

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permission required 38,600 feet-24,800 feet-2010 Feb 14, 2018 1217Z to Feb 14, 2019 1217Z

!LEE 12/001 Leesburg International, Leesburg, FL (KLEE) Aerodrome seaplane base closed Dec 04, 2018 1517Z to Dec 31, 2018 1100Z

!LEE 09/015 Leesburg International, Leesburg, FL (KLEE) Aerodrome obstruction tree (Aeronautical Study Number unknown) 284905.35N81482.38W (275FT southwest approach end runway 31) unknown (29FT above ground level) not lighted Sep 21, 2018 1632Z to Sep 19, 2019 1100Z

!DAB 12/071 Daytona Beach International, Daytona Beach, FL (KDAB) Aerodrome airport bird active increased (SEAGULLS) Dec 15, 2018 2101Z to Dec 22, 2018 0001Z

!HXD 12/029 Hilton Head Island, Hilton Head Island, SC (KHXD) Aerodrome airport closed except helicopter daily 0030-1100 Dec 18, 2018 0030Z to Dec 22, 2018 1100Z

!EYF 12/003 Curtis L Brown Jr Field, Elizabethtown, NC (KEYF) Aerodrome airport self serve fuel not available Dec 17, 2018 1153Z to Dec 21, 2018 2359Z

!DCA 08/500 Lawrenceville/Brunswick Municipal, Lawrenceville, VA (KLVL) Aerodrome airport fuel not available Aug 25, 2018 1759Z to Dec 31, 2018 2359Z

!MIV 12/132 Summit, Middletown, DE (KEYV) Aerodrome airport 100LL fuel not available Dec 19, 2018 2017Z to Jan 04, 2019 2359Z

!MIV 12/111 Millville, Millville, NJ (KMIV) Aerodrome airport closed Dec 19, 2018 1000Z to Dec 20, 2018 1300Z

!ILG 11/158 New Castle, Wilmington, DE (KILG) Aerodrome airport main windcone light out of service Nov 29, 2018 1322Z to Dec 31, 2018 2300Z

!ILG 12/156 New Castle, Wilmington, DE (KILG) Aerodrome airport bird active increased Dec 30, 2017 1714Z to Dec 31, 2018 2359Z

!MIV 10/121 Red Lion, Vincentown, NJ (KN73) Aerodrome airport changed to private Oct 20, 2018 1920Z-permanent

!MIV 05/171 Red Lion, Vincentown, NJ (KN73) Aerodrome airport aerodrome beacon out of service May 31, 2018 1855Z to May 31, 2019 1854Z

!PNE 12/055 Northeast Philadelphia, Philadelphia, PA (KPNE) Aerodrome airport windcone for runway 33 light out of service Dec 17, 2018 0039Z to Jan 07, 2019 2359Z

!PNE 12/054 Northeast Philadelphia, Philadelphia, PA (KPNE) Aerodrome airport windcone for runway 15 light out of service Dec 17, 2018 0038Z to Jan 07, 2019 2359Z

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!MIV 12/123 Old Bridge, Old Bridge, NJ (K3N6) Aerodrome airport 100LL fuel not available
Dec 18, 2018 2002Z to Dec 28, 2018 2359Z

***** All Communication NOTAMs *****

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

!MCO 11/237 Orlando International, Orlando, FL (KMCO) Communication remote
transients/receiver 119.525 out of service Nov 27, 2018 1518Z to Dec 31, 2018 2000Z Estimated

!HXD 06/007 Hilton Head Island, Hilton Head Island, SC (KHXD) Communication remote
transmitter/receiver 121.1 changed to 123.85 Jun 17, 2016 0100Z-permanent

!FAY 12/025 Fayetteville Rgnl/Grannis Field, Fayetteville, NC (KFAY) Communication remote
transients/receiver 290.25 out of service Dec 17, 2018 1236Z to Dec 28, 2018 2000Z Estimated

!CTZ 04/004 Clinton-Sampson County, Clinton, NC (KCTZ) Communication remote
communication outlet 122.3 commissioned Apr 20, 2018 1343Z-permanent

!RDU 12/085 Raleigh/Durham International, Raleigh/Durham, NC (KRDU) Communication
remote transients/receiver 132.35 out of service Dec 06, 2018 1410Z to Dec 20, 2018 2000Z
Estimated

!RDU 05/037 Raleigh/Durham International, Raleigh/Durham, NC (KRDU) Communication
remote transients/receiver 392.1 changed to 318.2 May 03, 2017 1940Z-permanent

!RWI 11/010 Rocky Mount-Wilson Regional, Rocky Mount, NC (KRWI) Communication
remote communication outlet 122.3 out of service Nov 29, 2018 2046Z to Dec 28, 2018 2000Z

!DCA 05/274 Patuxent, Patuxent River, MD (PXT) Communication VOR voice out of service
May 17, 2018 1529Z-permanent

!MIV 11/171 Summit, Middletown, DE (KEVY) Communication remote transients/receiver
125.3 out of service Nov 27, 2018 1235Z to Dec 31, 2018 2000Z Estimated

!MIV 12/118 Millville, Millville, NJ (KMIV) Communication remote communication outlet out
of service Dec 18, 2018 1106Z to Dec 24, 2018 2000Z

!PNE 09/012 Northeast Philadelphia, Philadelphia, PA (KPNE) Communication remote
communication outlet 122.6 out of service Sep 04, 2018 1227Z-permanent

!MIV 07/347 RBV Communication remote communication outlet 122.45 out of service Jul 05,
2018 1613Z-permanent

!SXX 12/012 SXX Communication common traffic advisory frequency 122.9 changed to 122.7
Dec 07, 2018 1654Z-permanent

***** All Navigation NOTAMs *****

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

!MCO 09/044 Orlando International, Orlando, FL (KMCO) Navigation ILS runway 35 left category II not authorized Sep 07, 2018 1310Z to Feb 07, 2019 2000Z Estimated

!MCO 08/241 Orlando International, Orlando, FL (KMCO) Navigation ILS runway 35 left inner marker out of service Aug 31, 2018 1102Z to Jan 25, 2019 2000Z Estimated

!MCO 06/113 Orlando International, Orlando, FL (KMCO) Navigation ILS runway 35 left middle marker out of service Jun 18, 2018 1042Z to Dec 28, 2018 2000Z Estimated

!SGJ 11/001 SGJ Navigation VOR out of service Nov 02, 2018 1450Z to Jan 04, 2019 2000Z Estimated

!SGJ 11/019 Northeast Florida Regional, St. Augustine, FL (KSGJ) Navigation ILS runway 31 localizer/glide path not monitor Nov 30, 2018 1154Z to Mar 29, 2019 2000Z Estimated

!HXD 11/038 Hilton Head Island, Hilton Head Island, SC (KHXD) Navigation ILS runway 21 localizer/DME out of service Nov 30, 2018 1809Z to Dec 28, 2018 2000Z

!AND 12/233 Charleston Executive, Charleston, SC (KJZI) Navigation ILS runway 09 not monitor Dec 19, 2018 1815Z to Jan 30, 2019 2000Z Estimated

!GGE 11/005 Georgetown County, Georgetown, SC (GGE) Navigation NDB out of service Nov 28, 2018 1910Z to Dec 28, 2018 2000Z Estimated

!AND 12/177 Robert F Swinnie, Andrews, SC (PHH) Navigation NDB out of service Dec 14, 2018 1959Z to Jun 28, 2019 2000Z Estimated

!FLO 12/007 FLO Navigation VORTAC out of service Dec 14, 2018 2005Z to Dec 28, 2018 2000Z Estimated

!LBT 12/009 Lumberton Regional, Lumberton, NC (KLBT) Navigation ILS runway 05 outer marker out of service Dec 19, 2018 2026Z to Jun 19, 2019 2111Z Estimated

!LBT 12/008 Lumberton Regional, Lumberton, NC (KLBT) Navigation ILS runway 05 localizer unusable beyond 20DEG left of runway center line Dec 19, 2018 2025Z-permanent

!MEB 10/017 Laurinburg Maxton, Maxton, NC (KMEB) Navigation ILS runway 05 out of service Oct 26, 2018 1741Z to Jan 31, 2019 1700Z Estimated

!EYF 01/005 Curtis L Brown Jr Field, Elizabethtown, NC (EYF) Navigation TGQ NDB out of service Jan 30, 2018 1301Z to Jan 30, 2019 2000Z Estimated

!CTZ 11/005 Clinton-Sampson County, Clinton, NC (KCTZ) Navigation ILS runway 06
localizer not monitor Nov 30, 2018 1419Z to Dec 27, 2019 2000Z Estimated

!CTZ 07/002 Clinton-Sampson County, Clinton, NC (KCTZ) Navigation ILS runway 06
localizer out of service Jul 25, 2018 1625Z to Dec 28, 2018 2000Z Estimated

!HRJ 01/013 Harnett Regional Jetport, Erwin, NC (HRJ) Navigation HQT NDB not monitor Jan
30, 2018 1309Z to Jan 30, 2019 2000Z Estimated

!JNX 09/020 Johnston Regional, Smithfield, NC (JNX) Navigation NDB out of service Sep 27,
2018 1357Z to Feb 07, 2019 2111Z Estimated

!JNX 11/013 Johnston Regional, Smithfield, NC (KJNX) Navigation ILS runway 03 DME out of
service Nov 30, 2018 1304Z to Jun 28, 2019 2000Z Estimated

!GWW 02/002 Wayne Executive Jetport, Goldsboro, NC (KGWW) Navigation ILS runway 23
glide path not monitor Feb 02, 2018 1711Z to Feb 01, 2019 2000Z Estimated

!RDU 12/316 Raleigh/Durham International, Raleigh/Durham, NC (RDU) Navigation VOR
ground receiver checkpoint out of service Dec 18, 2018 2022Z to Jun 20, 2019 2111Z Estimated

!RDU 09/114 Raleigh/Durham International, Raleigh/Durham, NC (KRDU) Navigation ILS
runway 23 left DME unusable beyond 28 degree left of runway center line Sep 11, 2018 1211Z
to Mar 11, 2019 2111Z Estimated

!RDU 06/324 Raleigh/Durham International, Raleigh/Durham, NC (KRDU) Navigation ILS
runway 23 right DME not monitor Jun 29, 2018 1857Z to Dec 31, 2018 2000Z Estimated

!RDU 12/318 Raleigh/Durham International, Raleigh/Durham, NC (KRDU) Navigation ILS
runway 23 left LEEVY compass locator at ILS outer marker decommissioned Dec 31, 2015
1909Z-permanent

!RDU 12/260 Tar River, Rocky Mount, NC (TYI) Navigation TACAN out of service Dec 13,
2018 1840Z to Jan 03, 2019 2000Z Estimated

!DCA 12/130 Lawrenceville/Brunswick Municipal, Lawrenceville, VA (LVL) Navigation
TACAN azimuth out of service Dec 07, 2018 2134Z to Jan 17, 2019 2000Z Estimated

!DCA 01/076 Lawrenceville/Brunswick Municipal, Lawrenceville, VA (LVL) Navigation VOR
out of service Jan 03, 2014 1349Z-permanent

!EMV 11/005 Emporia-Greenville Regional, Emporia, VA (EMV) Navigation ELQ NDB not
monitor Nov 30, 2018 1806Z to Jun 28, 2019 2000Z Estimated

!FKN 08/001 Franklin Muni-John Beverly Ros, Franklin, VA (FKN) Navigation VORTAC out

of service Aug 03, 2018 1054Z to Jan 04, 2019 2000Z Estimated

!RIC 11/096 RIC Navigation TACAN out of service Nov 26, 2018 1453Z to Jan 08, 2019 1700Z Estimated

!DCA 08/593 HCM Navigation TACAN azimuth out of service Aug 31, 2018 1001Z to Dec 27, 2019 2000Z Estimated

!FYJ 10/002 Middle Peninsula Regional, West Point, VA (FYJ) Navigation runway 10 localizer frequency 108.35/CH20Y changed to frequency 109.55/CH32Y Oct 04, 2018 1330Z-permanent

!DCA 05/273 Patuxent, Patuxent River, MD (PXT) Navigation VOR out of service May 17, 2018 1528Z-permanent

!DCA 05/272 Patuxent, Patuxent River, MD (PXT) Navigation TACAN out of service May 17, 2018 1526Z-permanent

!ESN 11/009 Easton/Newnam Field, Easton, MD (KESN) Navigation ILS runway 04 DME out of service Nov 29, 2018 0107Z to Jan 30, 2019 2359Z

!MIV 11/193 Millville, Millville, NJ (MIV) Navigation RNB NDB out of service Nov 30, 2018 1151Z to Jun 27, 2019 2000Z Estimated

!MIV 11/147 Millville, Millville, NJ (KMIV) Navigation ILS runway 10 localizer/glide path out of service Nov 21, 2018 1809Z to Jan 04, 2019 2100Z

!MIV 11/194 Dupont, Wilmington, DE (DQO) Navigation VORTAC not monitor Nov 30, 2018 1405Z to Dec 27, 2019 2000Z Estimated

!MIV 11/009 Dupont, Wilmington, DE (DQO) Navigation VORTAC out of service Nov 06, 2018 0600Z to Sep 27, 2019 1630Z

!ILG 12/028 New Castle, Wilmington, DE (KILG) Navigation ILS runway 01 outer marker out of service Dec 13, 2018 1842Z to Jan 03, 2019 2100Z Estimated

!MIV 12/098 Woodstown, Woodstown, NJ (OOD) Navigation TACAN azimuth out of service Dec 14, 2018 1957Z to Dec 28, 2018 2000Z Estimated

!MIV 11/107 Woodstown, Woodstown, NJ (OOD) Navigation TACAN out of service Nov 15, 2018 2123Z to Oct 31, 2019 2000Z Estimated

!MIV 10/143 Coyle, Coyle, NJ (CYN) Navigation VORTAC 044-054 unusable Oct 24, 2018 1256Z to Jan 24, 2019 2111Z Estimated

!MIV 09/249 Coyle, Coyle, NJ (CYN) Navigation TACAN azimuth out of service Sep 27, 2018 2354Z to Jan 29, 2019 2000Z Estimated

!PNE 09/040 PNE Navigation VOR out of service Sep 14, 2018 1228Z-permanent

!TTN 12/105 Trenton Mercer, Trenton, NJ (KTTN) Navigation ILS runway 06 localizer not monitor Dec 17, 2018 1637Z to Jan 17, 2019 2000Z Estimated

!MIV 12/122 RBV Navigation VORTAC out of service Dec 18, 2018 1936Z to Jan 31, 2019 1600Z

!MIV 10/118 RBV Navigation VOR airborne receiver checkpoint out of service Oct 19, 2018 1224Z to Apr 19, 2019 2111Z Estimated

!MIV 08/169 COL Navigation VOR out of service Aug 03, 2018 1029Z-permanent

***** All Service NOTAMs *****

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

!AND 12/136 Charleston Executive, Charleston, SC (KJZI) Service automated weather broadcast system weather not available Dec 11, 2018 1920Z to Jan 16, 2019 2300Z Estimated

!FLO 12/004 Florence Regional, Florence, SC (KFLO) Service pilot controlled lighting all out of service except high intensity on continuous Dec 03, 2018 1907Z to Dec 31, 2018 2359Z

!HRJ 11/002 Harnett Regional Jetport, Erwin, NC (KHRJ) Service automated weather broadcast system out of service Nov 07, 2018 2350Z to Dec 27, 2018 2359Z

!LHZ 06/008 Triangle North Executive, Louisburg, NC (KLHZ) Service automated weather broadcast system wind out of service Jun 18, 2018 1801Z to May 31, 2019 2300Z

!IXA 11/009 Halifax-Northampton Regional, Roanoke Rapids, NC (KIXA) Service automated weather broadcast system dew point/T out of service Nov 29, 2018 1830Z to Dec 31, 2018 2000Z Estimated

!MIV 07/354 Laurel, Laurel, DE (KN06) Service pilot controlled lighting all out of service Jul 06, 2018 1236Z to Jan 09, 2019 2111Z Estimated

!MIV 07/698 Delaware Airpark, Dover/Cheswold, DE (K33N) Service automatic weather observing reporting system-3 120.125/30,200 feet-73,500 feet-9754 commissioned Jul 23, 2018 1352Z-permanent

!PHL 12/189 Philadelphia International, Philadelphia, PA (KPHL) Service SMR out of service Dec 20, 2018 1215Z to Dec 20, 2018 1315Z

!PHL 12/184 Philadelphia International, Philadelphia, PA (KPHL) Service SMR out of service Dec 20, 2018 1430Z to Dec 20, 2018 1630Z

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!MIV 06/087 Hammonton Municipal, Hammonton, NJ (KN81) Service automated weather broadcast system out of service Jun 19, 2018 0356Z to Jan 09, 2019 2300Z Estimated

!MIA 12/150 KZMA Service key west NAS approach control OPN daily 1300-2300 Dec 17, 2018 1300Z to Dec 21, 2018 2300Z

!SXX 11/003 SXX Service all commissioned key frequency 122.7 7 times high, 5 times medium, 3 times low intensity Nov 05, 2018 1848Z-permanent

***** All Obstruction NOTAMs *****

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

!ISM 12/010 Kissimmee Gateway, Orlando, FL (KISM) Obstruction crane (Aeronautical Study Number 2018-ASO-25908-OE) 281637N0812533W (0.97 nautical miles southeast ISM) 215 feet (150FT above ground level) flagged not lighted Dec 12, 2018 2319Z to Apr 15, 2019 1440Z

!ISM 12/011 Kissimmee Gateway, Orlando, FL (KISM) Obstruction tower light (Antenna Structure Registration 1217691) 28° 12' 04.90" North 081° 11' 23.50" West (14.0 nautical miles east-south-east ISM) 380.9 feet (316.9FT above ground level) out of service Dec 15, 2018 1412Z to Dec 30, 2018 1400Z

!ISM 12/013 Kissimmee Gateway, Orlando, FL (KISM) Obstruction tower light (Antenna Structure Registration 1043290) 28° 05' 23.00" North 081° 16' 01.00" West (14.7 nautical miles southeast ISM) 460 feet (399.9FT above ground level) out of service Dec 18, 2018 1822Z to Jan 02, 2019 1722Z

!GIF 12/002 Winter Haven'S Gilbert, Winter Haven, FL (KGIF) Obstruction tower light (Antenna Structure Registration 1020886) 28° 13' 00.10" North 081° 38' 55.50" West (10.9 nautical miles north-north-east GIF) 569.9 feet (416.0FT above ground level) out of service Dec 11, 2018 1846Z to Jan 10, 2019 1846Z

!GIF 12/003 Winter Haven'S Gilbert, Winter Haven, FL (KGIF) Obstruction tower light (Antenna Structure Registration 1224644) 28° 06' 14.70" North 081° 42' 03.20" West (3.8 nautical miles NE GIF) 341.9 feet (210.0FT above ground level) out of service Dec 12, 2018 2032Z to Dec 27, 2018 2031Z

!GIF 10/020 Winter Haven'S Gilbert, Winter Haven, FL (KGIF) Obstruction tower light (Antenna Structure Registration 1060068) 28° 11' 47.00" North 081° 47' 10.00" West (8.1 nautical mile north-north-west GIF) 608.9 feet (488.8FT above ground level) out of service Oct 19, 2018 2356Z to Jan 21, 2019 2359Z

!MCO 11/235 Orlando International, Orlando, FL (KMCO) Obstruction tower light (Antenna Structure Registration 1206874) 28° 16' 45.30" North 081° 01' 24.00" West (17.3 nautical miles east-south-east MCO) 1,948.2 feet (1873.7FT above ground level) out of service Nov 26, 2018

1748Z to Feb 15, 2019 2359Z

!GIF 08/004 Winter Haven'S Gilbert, Winter Haven, FL (KGIF) Obstruction trees (Aeronautical Study Number unknown) 280328N0814534W (170FT W approach end runway 05) unknown (34FT above ground level) not lighted Aug 03, 2018 1333Z to Oct 31, 2019 2359Z

!PIE 12/085 Jack Browns Seaplane Base, Winter Haven, FL (KF57) Obstruction tower light (Antenna Structure Registration 1003614) 28° 09' 17.60" North 081° 49' 59.50" West (6.8 nautical miles north-north-west F57) 570.9 feet (408.1FT above ground level) out of service Dec 07, 2018 0429Z to Jan 06, 2019 0429Z

!PIE 11/277 Jack Browns Seaplane Base, Winter Haven, FL (KF57) Obstruction tower light (Antenna Structure Registration 1059245) 28° 09' 10.00" North 081° 52' 47.00" West (8.3 nautical miles northwest F57) 639.8 feet (500.0FT above ground level) out of service Nov 30, 2018 1607Z to Dec 30, 2018 2359Z

!MCO 12/096 Orlando International, Orlando, FL (KMCO) Obstruction tower light (Antenna Structure Registration 1030509) 28° 24' 29.10" North 081° 14' 04.90" West (4.1 nautical mile east-south-east MCO) 365.8 feet (294.0FT above ground level) out of service Dec 18, 2018 2252Z to Jan 03, 2019 0500Z

!MCO 12/093 Orlando International, Orlando, FL (KMCO) Obstruction crane (Aeronautical Study Number unknown) 282442N0811841W (1.2 nautical miles south-south-west MCO) 293 feet (200FT above ground level) flagged and lighted Dec 18, 2018 1327Z to Mar 31, 2019 2200Z

!MCO 12/069 Orlando International, Orlando, FL (KMCO) Obstruction crane (Aeronautical Study Number 2018-ASO-14,800 feet-NRA) 282446N0811908W (1.1 nautical mile south-south-west MCO) 200 feet (107FT above ground level) flagged daily 1200-2200 Dec 14, 2018 1200Z to Feb 28, 2019 2200Z

!MCO 12/092 Orlando International, Orlando, FL (KMCO) Obstruction crane (Aeronautical Study Number unknown) 282451N0811837W (1.0 nautical miles S MCO) 292 feet (199FT above ground level) flagged and lighted Dec 18, 2018 1327Z to Mar 31, 2019 2200Z

!MCO 12/070 Orlando International, Orlando, FL (KMCO) Obstruction tower light (Antenna Structure Registration 1228559) 28° 26' 56.90" North 081° 26' 27.90" West (7.1 nautical mile W MCO) 329.7 feet (233.9FT above ground level) out of service Dec 13, 2018 2226Z to Dec 28, 2018 2225Z

!PIE 12/159 Orlando, Orlando, FL (KFL5) Obstruction tower light (Antenna Structure Registration 1039276) 28° 28' 55.00" North 081° 39' 43.00" West (8.4 nautical miles S FL5) 553.5 feet (376.3FT above ground level) out of service Dec 14, 2018 1214Z to Dec 29, 2018 1213Z

!PIE 12/158 Orlando, Orlando, FL (KFL5) Obstruction tower light (Antenna Structure Registration 1039277) 28° 29' 03.00" North 081° 39' 45.00" West (8.3 nautical miles S FL5) 520

feet (370.1FT above ground level) out of service Dec 13, 2018 1546Z to Dec 28, 2018 1546Z

!ORL 12/027 Executive, Orlando, FL (KORL) Obstruction tower light (Antenna Structure Registration 1040913) 28° 32' 12.10" North 081° 05' 05.40" West (13.1 nautical mile E ORL) 398 feet (333.0FT above ground level) out of service Dec 11, 2018 1700Z to Dec 26, 2018 1659Z

!ORL 02/025 Executive, Orlando, FL (KORL) Obstruction crane (Aeronautical Study Number 2017-ASO-25781-OE) 28° 32' 19.42" North 081° 22' 51.97" West (2.58 nautical miles W of ORL) 501 feet (392FT above ground level) lighted flagged Feb 16, 2018 1200Z to Aug 09, 2019 2100Z

!PIE 12/140 Orlando, Orlando, FL (KFL5) Obstruction tower light (Antenna Structure Registration 1029730) 28° 32' 56.50" North 081° 32' 13.80" West (6.8 nautical miles southeast FL5) 411.1 feet (285.1FT above ground level) out of service Dec 12, 2018 0935Z to Dec 27, 2018 0500Z

!ORL 09/025 Executive, Orlando, FL (KORL) Obstruction tower light (Antenna Structure Registration 1242145) 28° 33' 01.50" North 081° 27' 25.80" West (6.6 nautical miles W ORL) 439 feet (350.1FT above ground level) out of service Sep 26, 2018 0856Z to Dec 27, 2018 2359Z

!PIE 12/156 Orlando, Orlando, FL (KFL5) Obstruction tower light (Antenna Structure Registration 1032484) 28° 33' 00.90" North 081° 38' 44.80" West (4.3 nautical miles S FL5) 348.8 feet (205.7FT above ground level) out of service Dec 13, 2018 1404Z to Dec 28, 2018 1403Z

!ORL 12/021 Executive, Orlando, FL (KORL) Obstruction tower light (Antenna Structure Registration 1055462) 28° 33' 56.30" North 081° 17' 42.70" West (2.4 nautical miles east-north-east ORL) 228.7 feet (143.7FT above ground level) out of service Dec 09, 2018 1713Z to Jan 08, 2019 1713Z

!PIE 12/146 Arthur Dunn Air Park, Titusville, FL (KX21) Obstruction tower light (Antenna Structure Registration 1214939) 28° 34' 08.20" North 081° 03' 15.60" West (12.1 nautical mile west-south-west X21) 1,674.5 feet (1612.9FT above ground level) out of service Dec 12, 2018 1754Z to Apr 16, 2019 2359Z

!ORL 12/022 Executive, Orlando, FL (KORL) Obstruction tower light (Antenna Structure Registration 1029046) 28° 34' 13.00" North 081° 17' 47.00" West (2.5 nautical miles NE ORL) 229.7 feet (139.8FT above ground level) out of service Dec 09, 2018 1719Z to Jan 08, 2019 1719Z

!PIE 12/153 Arthur Dunn Air Park, Titusville, FL (KX21) Obstruction tower light (Antenna Structure Registration 1040401) 28° 34' 51.90" North 081° 04' 31.20" West (13.0 nautical miles W X21) 1,671.9 feet (1606.0FT above ground level) out of service Dec 13, 2018 0912Z to Dec 28, 2018 0911Z

!ORL 09/001 Executive, Orlando, FL (KORL) Obstruction tower light (Antenna Structure Registration 1205212) 28° 35' 27.00" North 081° 12' 17.00" West (7.4 nautical miles east-north-east ORL) 548.9 feet (477.0FT above ground level) out of service Sep 01, 2018 2022Z to Dec 31, 2018 2359Z

!SFB 11/037 Orlando Sanford International, Orlando, FL (KSFB) Obstruction tower light (Antenna Structure Registration 1026744) 28° 36' 08.00" North 081° 05' 36.00" West (12.6 nautical miles southeast SFB) 1,673.2 feet (1608.3FT above ground level) out of service Nov 28, 2018 1909Z to Mar 30, 2019 2359Z

!PIE 11/093 Arthur Dunn Air Park, Titusville, FL (KX21) Obstruction tower light (Antenna Structure Registration 1063249) 28° 36' 36.00" North 081° 03' 34.00" West (11.9 nautical miles W X21) 1,747.4 feet (1694.9FT above ground level) out of service Nov 08, 2018 1854Z to Jan 14, 2019 2359Z

!ORL 12/044 Executive, Orlando, FL (KORL) Obstruction tower light (Antenna Structure Registration 1039785) 28° 36' 35.00" North 081° 19' 27.00" West (3.9 nautical miles NE ORL) 412.1 feet (329.1FT above ground level) out of service Dec 18, 2018 0422Z to Jan 20, 2019 2359Z

!PIE 12/230 Orlando/Apopka Country, Apopka, FL (KX04) Obstruction tower light (Antenna Structure Registration 1029719) 28° 38' 30.00" North 081° 31' 18.30" West (5.0 nautical miles southeast X04) 314 feet (234.9FT above ground level) out of service Dec 19, 2018 2226Z to Jan 03, 2019 0500Z

!PIE 12/207 Orlando/Apopka Country, Apopka, FL (KX04) Obstruction tower light (Antenna Structure Registration 1028561) 28° 38' 40.30" North 081° 29' 59.90" West (5.6 nautical miles southeast X04) 319.9 feet (207.0FT above ground level) out of service Dec 17, 2018 1113Z to Jan 16, 2019 1113Z

!PIE 10/347 Orlando, Orlando, FL (KFL5) Obstruction tower light (Antenna Structure Registration 1296012) 28° 38' 45.20" North 081° 48' 29.80" West (9.0 nautical miles W FL5) 380.9 feet (291.0FT above ground level) out of service Oct 29, 2018 1634Z to Jan 31, 2019 2359Z

!ORL 12/023 Executive, Orlando, FL (KORL) Obstruction tower light (Antenna Structure Registration 1269195) 28° 40' 00.30" North 081° 22' 14.70" West (7.4 nautical miles north-north-west ORL) 279.9 feet (194.9FT above ground level) out of service Dec 10, 2018 0601Z to Dec 24, 2018 1300Z

!SFB 12/061 Orlando Sanford International, Orlando, FL (KSFB) Obstruction tower light (Antenna Structure Registration 1038831) 28° 42' 50.10" North 081° 20' 34.40" West (7.0 nautical miles southwest SFB) 491.8 feet (415.0FT above ground level) out of service Dec 12, 2018 1728Z to Jan 11, 2019 1728Z

!SFB 11/028 Orlando Sanford International, Orlando, FL (KSFB) Obstruction tower light (Antenna Structure Registration 1202756) 28° 43' 37.70" North 081° 22' 20.50" West (8.0 nautical miles west-south-west SFB) 290 feet (229.0FT above ground level) out of service Nov 21, 2018 1503Z to Feb 21, 2019 2359Z

!SFB 12/063 Orlando Sanford International, Orlando, FL (KSFB) Obstruction pole (Aeronautical Study Number unknown) 284625N0811418W (0.33 nautical miles southwest approach end runway 27 center) unknown (70FT above ground level) not lighted Dec 14, 2018 2156Z to Dec 31, 2018 2359Z

!SFB 12/064 Orlando Sanford International, Orlando, FL (KSFB) Obstruction pole (Aeronautical Study Number unknown) 284627N0811420W (0.33 nautical miles southwest approach end runway 27 center) unknown (70FT above ground level) not lighted Dec 14, 2018 2158Z to Dec 31, 2018 2359Z

!SFB 12/065 Orlando Sanford International, Orlando, FL (KSFB) Obstruction pole (Aeronautical Study Number unknown) 284629N0811420W (0.3 nautical miles southwest approach end runway 27 center) unknown (70FT above ground level) not lighted Dec 14, 2018 2200Z to Dec 31, 2018 2359Z

!SFB 12/066 Orlando Sanford International, Orlando, FL (KSFB) Obstruction pole (Aeronautical Study Number unknown) 284631N0811418W (0.25 nautical miles southwest approach end runway 27 center) unknown (70FT above ground level) not lighted Dec 14, 2018 2201Z to Dec 31, 2018 2359Z

!LEE 09/016 Leesburg International, Leesburg, FL (KLEE) Obstruction brush (Aeronautical Study Number unknown) 28° 48' 57.33" North 81° 48' 42.57" West (200FT NE approach end runway 03) unknown (10FT above ground level) not lighted Sep 21, 2018 1708Z to Sep 19, 2019 1100Z

!LEE 11/013 Leesburg International, Leesburg, FL (KLEE) Obstruction crane (Aeronautical Study Number unknown) 284900N0814800W (.10 nautical miles E approach end runway 31) 173 feet (100FT above ground level) lighted Nov 29, 2018 2000Z to Dec 31, 2018 2300Z

!SFB 12/072 Orlando Sanford International, Orlando, FL (KSFB) Obstruction tower light (Antenna Structure Registration 1295194) 28° 50' 54.80" North 081° 05' 10.30" West (9.1 nautical mile east-north-east SFB) 238.8 feet (230.0FT above ground level) out of service Dec 18, 2018 1025Z to Jan 02, 2019 0925Z

!SFB 12/001 Orlando Sanford International, Orlando, FL (KSFB) Obstruction tower light (Antenna Structure Registration 1222877) 28° 51' 24.60" North 081° 10' 27.20" West (5.8 nautical miles north-north-east SFB) 258.5 feet (203.7FT above ground level) out of service Dec 02, 2018 0505Z to Jan 01, 2019 0505Z

!OMN 10/003 Ormond Beach Municipal, Ormond Beach, FL (KOMN) Obstruction tower light (Antenna Structure Registration unknown) 28° 57' 52.53" North 081° 31' 43.92" West (13.5

nautical miles northwest OMN) unknown (450FT above ground level) out of service Oct 08, 2015 1147Z-permanent

!SFB 12/007 Orlando Sanford International, Orlando, FL (KSFB) Obstruction tower light (Antenna Structure Registration 1065994) 28° 53' 54.90" North 081° 08' 53.40" West (8.7 nautical miles north-north-east SFB) 276.6 feet (242.8FT above ground level) out of service Dec 04, 2018 0535Z to Jan 03, 2019 0535Z

!PIE 11/239 Deland Muni-Sidney H Taylor FD, Deland, FL (KDED) Obstruction tower light (Antenna Structure Registration 1041193) 28° 56' 16.00" North 081° 18' 57.00" West (8.0 nautical miles south-south-west DED) 1,742.8 feet (1674.9FT above ground level) out of service Nov 27, 2018 1919Z to Jan 18, 2019 2359Z

!PIE 12/069 Deland Muni-Sidney H Taylor FD, Deland, FL (KDED) Obstruction tower light (Antenna Structure Registration 1028373) 29° 00' 52.90" North 081° 22' 20.20" West (5.7 nautical miles southwest DED) 296.9 feet (271.0FT above ground level) out of service Dec 05, 2018 1726Z to Mar 05, 2019 2359Z

!PIE 12/022 Massey Ranch Airpark, New Smyrna Beach, FL (KX50) Obstruction tower light (Antenna Structure Registration 1226945) 29° 00' 55.10" North 080° 55' 52.90" West (2.2 nautical miles N X50) 197.8 feet (190.0FT above ground level) out of service Dec 02, 2018 0507Z to Jan 01, 2019 0507Z

!EVB 02/005 New Smyrna Beach Municipal, New Smyrna Beach, FL (KEVB) Obstruction crane (Aeronautical Study Number 2017-ASO-12959-OE) 290305N0805734W (0.6 nautical miles west-south-west EVB) 184 feet (179FT above ground level) flagged and not lighted Feb 15, 2018 1444Z to Jan 22, 2019 2200Z

!PIE 12/113 Bob Lee Flight Strip, Deland, FL (K1J6) Obstruction tower light (Antenna Structure Registration 1229818) 29° 07' 43.10" North 081° 16' 55.20" West (2.3 nautical miles NE 1J6) 285.8 feet (234.9FT above ground level) out of service Dec 10, 2018 0051Z to Jan 09, 2019 0051Z

!EVB 12/001 New Smyrna Beach Municipal, New Smyrna Beach, FL (KEVB) Obstruction tower light (Antenna Structure Registration 1062083) 29° 05' 06.00" North 081° 01' 00.00" West (3.9 nautical miles west-north-west EVB) 294 feet (273.3FT above ground level) out of service Dec 05, 2018 1653Z to Jan 05, 2019 2359Z

!PIE 12/211 Pierson Municipal, Pierson, FL (K2J8) Obstruction tower light (Antenna Structure Registration 1027523) 29° 11' 56.00" North 081° 26' 07.00" West (3.3 nautical miles south-south-east 2J8) 411.1 feet (370.1FT above ground level) out of service Dec 18, 2018 0719Z to Feb 19, 2019 2359Z

!DAB 08/122 Daytona Beach International, Daytona Beach, FL (KDAB) Obstruction crane (Aeronautical Study Number unknown) 290813N0810203W (2.85 nautical miles south-south-east DAB) unknown (189FT above ground level) flagged and lighted Aug 29, 2018 1412Z to

Dec 31, 2018 2300Z

!DAB 11/095 Daytona Beach International, Daytona Beach, FL (KDAB) Obstruction crane (Aeronautical Study Number unknown) 291003N0810459W (.402 nautical miles southwest approach end runway 07 left) 195 feet (160FT above ground level) flagged and lighted Nov 28, 2018 0049Z to Dec 30, 2019 2300Z

!DAB 11/096 Daytona Beach International, Daytona Beach, FL (KDAB) Obstruction crane (Aeronautical Study Number unknown) 291004N0810457W (.379 nautical miles southwest DAB) 185 feet (150FT above ground level) flagged and lighted Nov 28, 2018 0054Z to Dec 30, 2019 2300Z

!DAB 11/092 Daytona Beach International, Daytona Beach, FL (KDAB) Obstruction crane (Aeronautical Study Number unknown) 291017N0810505W (.371 nautical miles W approach end runway 07 left) 120 feet (85FT above ground level) flagged and lighted Nov 27, 2018 2355Z to Dec 30, 2019 2300Z

!DAB 11/094 Daytona Beach International, Daytona Beach, FL (KDAB) Obstruction crane (Aeronautical Study Number unknown) 291018N0810502W (.33 nautical miles W approach end runway 07 left) 125 feet (90FT above ground level) flagged and lighted Nov 27, 2018 2356Z to Dec 30, 2019 2300Z

!DAB 11/093 Daytona Beach International, Daytona Beach, FL (KDAB) Obstruction crane (Aeronautical Study Number unknown) 291019N0810504W (.352 nautical miles W approach end runway 07 left) 150 feet (115FT above ground level) flagged and lighted Nov 27, 2018 2356Z to Dec 30, 2019 2300Z

!DAB 11/090 Daytona Beach International, Daytona Beach, FL (KDAB) Obstruction crane (Aeronautical Study Number unknown) 291019N0810504W (0.368 nautical miles W approach end runway 07 left) 175 feet (140FT above ground level) flagged and lighted Nov 27, 2018 2354Z to Dec 30, 2019 2300Z

!DAB 11/091 Daytona Beach International, Daytona Beach, FL (KDAB) Obstruction crane (Aeronautical Study Number unknown) 291020N0810504W (.36 nautical miles W approach end runway 07 left) 185 feet (150FT above ground level) flagged and lighted Nov 27, 2018 2354Z to Dec 30, 2019 2300Z

!DAB 06/096 Daytona Beach International, Daytona Beach, FL (KDAB) Obstruction crane (Aeronautical Study Number unknown) 291022N0810507W (.402 nautical miles W approach end runway 07 left) 230 feet (200FT above ground level) flagged and lighted Jun 19, 2018 1823Z to Jun 13, 2019 2100Z

!DAB 06/097 Daytona Beach International, Daytona Beach, FL (KDAB) Obstruction crane (Aeronautical Study Number unknown) 291023N0810507W (.4 nautical miles W approach end runway 07 left) 230 feet (200FT above ground level) flagged and lighted Jun 19, 2018 1825Z to Jun 13, 2019 2100Z

!DAB 06/092 Daytona Beach International, Daytona Beach, FL (KDAB) Obstruction crane (Aeronautical Study Number unknown) 291024N0810508W (.415 nautical miles W approach end runway 07 left) 230 feet (200FT above ground level) flagged and lighted Jun 19, 2018 1758Z to Jun 13, 2019 2100Z

!DAB 06/099 Daytona Beach International, Daytona Beach, FL (KDAB) Obstruction crane (Aeronautical Study Number unknown) 291024N0810506W (.388 nautical miles W approach end runway 07 left) 230 feet (200FT above ground level) flagged and lighted Jun 19, 2018 1829Z to Jun 13, 2019 2100Z

!DAB 06/098 Daytona Beach International, Daytona Beach, FL (KDAB) Obstruction crane (Aeronautical Study Number unknown) 291024N0810506W (.393 nautical miles W approach end runway 07 left) 230 feet (200FT above ground level) flagged and lighted Jun 19, 2018 1827Z to Jun 13, 2019 2100Z

!DAB 06/095 Daytona Beach International, Daytona Beach, FL (KDAB) Obstruction crane (Aeronautical Study Number unknown) 291025N0810507W (.403 nautical miles W approach end runway 07 left) 230 feet (200FT above ground level) flagged and lighted Jun 19, 2018 1820Z to Jun 13, 2019 2100Z

!DAB 06/094 Daytona Beach International, Daytona Beach, FL (KDAB) Obstruction crane (Aeronautical Study Number unknown) 291025N0810507W (.409 nautical miles W approach end runway 07 left) 230 feet (200FT above ground level) flagged and lighted Jun 19, 2018 1805Z to Jun 13, 2019 2100Z

!DAB 08/123 Daytona Beach International, Daytona Beach, FL (KDAB) Obstruction crane (Aeronautical Study Number unknown) 29° 10' 28.00" North 081° 03' 39.00" West (.35 nautical miles south-south-west DAB) unknown (75FT above ground level) flagged not lighted Aug 29, 2018 2033Z-permanent

!PIE 12/087 Bob Lee Flight Strip, Deland, FL (K1J6) Obstruction tower light (Antenna Structure Registration 1222933) 29° 13' 38.50" North 081° 17' 24.50" West (7.5 nautical miles NE 1J6) 320.9 feet (288.1FT above ground level) out of service Dec 07, 2018 0600Z to Dec 22, 2018 0559Z

!DAB 05/055 Daytona Beach International, Daytona Beach, FL (KDAB) Obstruction crane (Aeronautical Study Number unknown) 291124N0810308W (.68 nautical miles north-north-east DAB) unknown (157FT above ground level) flagged daily sunrise-sunset May 18, 2018 1753Z to Jul 17, 2019 2300Z

!DAB 12/080 Daytona Beach International, Daytona Beach, FL (KDAB) Obstruction crane (Aeronautical Study Number unknown) 291432N0810626W (4.65 nautical miles west-north-west DAB) unknown (325FT above ground level) flagged and lighted Dec 19, 2018 2100Z to Dec 21, 2018 2359Z

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!PIE 11/221 Halifax River Seaplane Base, Holly Hill, FL (KF15) Obstruction tower light (Antenna Structure Registration 1031084) 29° 13' 52.50" North 081° 02' 32.00" West (0.8 nautical miles southwest F15) 322.8 feet (315.0FT above ground level) out of service Nov 25, 2018 0021Z to Dec 25, 2018 0021Z

!PIE 12/228 Halifax River Seaplane Base, Holly Hill, FL (KF15) Obstruction tower light (Antenna Structure Registration 1203757) 29° 13' 36.80" North 081° 02' 01.40" West (0.9 nautical miles S F15) 314.6 feet (310.4FT above ground level) out of service Dec 19, 2018 2146Z to Jan 03, 2019 2145Z

!DAB 01/015 Daytona Beach International, Daytona Beach, FL (KDAB) Obstruction crane (Aeronautical Study Number unknown) 291233N0810047W (2.94 nautical miles NE DAB) unknown (200FT above ground level) flagged and lighted Jan 03, 2018 2303Z to May 31, 2019 2200Z

!DAB 07/021 Daytona Beach International, Daytona Beach, FL (KDAB) Obstruction crane (Aeronautical Study Number unknown) 291401N0810039W (3.54 nautical miles NE approach end runway 25 right) unknown (350FT above ground level) flagged and lighted Jul 03, 2017 1100Z to Aug 31, 2019 2100Z

!DAB 11/066 Daytona Beach International, Daytona Beach, FL (KDAB) Obstruction crane (Aeronautical Study Number unknown) 291401N0810030W (4.07 nautical miles NE DAB) 364 feet (350FT above ground level) flagged and lighted Nov 19, 2018 1529Z to Aug 31, 2019 2300Z

!PIE 11/248 Halifax River Seaplane Base, Holly Hill, FL (KF15) Obstruction tower light (Antenna Structure Registration 1000723) 29° 14' 42.90" North 081° 02' 36.20" West (0.6 nautical miles west-north-west F15) 222.8 feet (215.9FT above ground level) out of service Nov 28, 2018 1054Z to Dec 28, 2018 1054Z

!PIE 12/209 Pierson Municipal, Pierson, FL (K2J8) Obstruction tower light (Antenna Structure Registration 1056690) 29° 20' 46.70" North 081° 29' 56.90" West (6.1 nautical mile north-north-west 2J8) 361.9 feet (304.8FT above ground level) out of service Dec 17, 2018 1528Z to Jan 01, 2019 1527Z

!FIN 11/009 Flagler Executive, Palm Coast, FL (KFIN) Obstruction tower light (Antenna Structure Registration 1029146) 29° 31' 08.00" North 081° 19' 01.00" West (6.5 nautical miles west-north-west FIN) 1,249 feet (1204.1FT above ground level) out of service Nov 10, 2018 0359Z to Feb 10, 2019 0359Z

!FIN 12/005 Flagler Executive, Palm Coast, FL (KFIN) Obstruction tower light (Antenna Structure Registration 1031726) 29° 32' 07.50" North 081° 15' 49.20" West (5.0 nautical miles northwest FIN) 414.7 feet (384.8FT above ground level) out of service Dec 19, 2018 0309Z to Jan 03, 2019 0209Z

!GNV 11/324 Palatka Municipal - LT Kay Larkin F, Palatka, FL (K28J) Obstruction tower light

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(Antenna Structure Registration 1217441) 29° 36' 46.00" North 081° 40' 29.00" West (2.8 nautical miles south-south-east 28J) 344.8 feet (319.9FT above ground level) out of service Nov 26, 2018 1747Z to Feb 15, 2019 2359Z

!GNV 07/412 Palatka Municipal - LT Kay Larkin F, Palatka, FL (K28J) Obstruction tower light (Antenna Structure Registration 1061379) 29° 38' 38.00" North 081° 36' 29.00" West (4.3 nautical miles east-south-east 28J) 363.2 feet (349.1FT above ground level) out of service Jul 28, 2018 2119Z to Jan 28, 2019 2359Z

!GNV 11/286 Palatka Municipal - LT Kay Larkin F, Palatka, FL (K28J) Obstruction tower light (Antenna Structure Registration 1239491) 29° 40' 07.00" North 081° 39' 40.00" West (1.6 nautical miles east-north-east 28J) 198.8 feet (179.8FT above ground level) out of service Nov 24, 2018 0227Z to Apr 30, 2019 2359Z

!GNV 11/315 Palatka Municipal - LT Kay Larkin F, Palatka, FL (K28J) Obstruction crane light (Aeronautical Study Number 2018-ASO-20208-OE) 294054N0814030W (1.6 nautical miles north-north-east 28J) 198 feet (180FT above ground level) flagged Nov 29, 2018 1300Z to Feb 28, 2019 2359Z

!FIN 12/001 Flagler Executive, Palm Coast, FL (KFIN) Obstruction tower light (Antenna Structure Registration 1295249) 29° 39' 10.40" North 081° 22' 15.10" West (13.9 nautical miles northwest FIN) 291 feet (257.9FT above ground level) out of service Dec 03, 2018 1437Z to Jan 14, 2019 0800Z

!GNV 10/010 Palatka Municipal - LT Kay Larkin F, Palatka, FL (K28J) Obstruction tower light (Antenna Structure Registration 1213407) 29° 44' 08.30" North 081° 38' 39.60" West (5.3 nautical miles north-north-east 28J) 464.9 feet (399.9FT above ground level) out of service Oct 01, 2018 1956Z to Nov 01, 2019 2359Z

!GNV 12/142 Palatka Municipal - LT Kay Larkin F, Palatka, FL (K28J) Obstruction tower light (Antenna Structure Registration 1205730) 29° 48' 26.60" North 081° 39' 07.00" West (9.2 nautical miles north-north-east 28J) 294 feet (253.9FT above ground level) out of service Dec 13, 2018 1502Z to Dec 28, 2018 1402Z

!GNV 12/111 Palatka Municipal - LT Kay Larkin F, Palatka, FL (K28J) Obstruction tower light (Antenna Structure Registration 1053308) 29° 53' 13.00" North 081° 40' 01.00" West (13.8 nautical miles NE 28J) 328.1 feet (262.1FT above ground level) out of service Dec 11, 2018 0932Z to Jan 10, 2019 0932Z

!SGJ 11/014 Northeast Florida Regional, St. Augustine, FL (KSGJ) Obstruction tower light (Antenna Structure Registration 1203142) 29° 52' 53.00" North 081° 25' 07.00" West (6.3 nautical miles southwest SGJ) 439.6 feet (400.3FT above ground level) out of service Nov 19, 2018 2155Z to Jan 01, 2019 2200Z

!SGJ 12/013 Northeast Florida Regional, St. Augustine, FL (KSGJ) Obstruction tower light (Antenna Structure Registration 1034197) 29° 54' 15.00" North 081° 22' 54.00" West (4.0

nautical miles south-south-west SGJ) 430.1 feet (395.0FT above ground level) out of service Dec 15, 2018 0512Z to Dec 30, 2018 0412Z

!SGJ 12/015 Northeast Florida Regional, St. Augustine, FL (KSGJ) Obstruction tower light (Antenna Structure Registration 1056887) 29° 53' 59.00" North 081° 20' 18.00" West (3.6 nautical miles S SGJ) 281.2 feet (259.8FT above ground level) out of service Dec 18, 2018 0322Z to Jan 02, 2019 0321Z

!CRG 11/017 Jacksonvill Executive, Jacksonville, FL (KCRG) Obstruction tower light (Antenna Structure Registration 1229155) 30° 08' 49.00" North 081° 31' 50.30" West (11.4 nautical miles S CRG) 516.4 feet (499.0FT above ground level) out of service Nov 27, 2018 1214Z to Jan 30, 2019 1213Z

!CRG 10/018 Jacksonvill Executive, Jacksonville, FL (KCRG) Obstruction tower light (Antenna Structure Registration 1016457) 30° 16' 36.00" North 081° 33' 57.00" West (4.5 nautical miles southwest CRG) 1,027.6 feet (1001.6FT above ground level) out of service Oct 23, 2018 2246Z to Jan 22, 2019 2359Z

!CRG 12/017 Jacksonvill Executive, Jacksonville, FL (KCRG) Obstruction tower light (Antenna Structure Registration 1235223) 30° 16' 51.90" North 081° 34' 12.20" West (4.5 nautical miles southwest CRG) 1,050.9 feet (1043.0FT above ground level) out of service Dec 18, 2018 0731Z to Jan 02, 2019 0631Z

!CRG 11/018 Jacksonvill Executive, Jacksonville, FL (KCRG) Obstruction tower light (Antenna Structure Registration 1222951) 30° 17' 47.70" North 081° 29' 10.00" West (2.8 nautical miles south-south-east CRG) 209.6 feet (176.8FT above ground level) out of service Nov 27, 2018 1215Z to Jan 30, 2019 1215Z

!CRG 10/001 Jacksonvill Executive, Jacksonville, FL (KCRG) Obstruction sign (Aeronautical Study Number unknown) 302022N0813104W (2000FT S approach end runway 14) unknown (80FT above ground level) not lighted Oct 03, 2018 2036Z to Dec 31, 2018 2359Z

!CRG 06/009 Jacksonvill Executive, Jacksonville, FL (KCRG) Obstruction tower (Aeronautical Study Number unknown) 302610N0813303W (5NM N CRG) 478 feet (460FT above ground level) not lighted Jun 08, 2018 1600Z-permanent

!HXD 12/035 Hilton Head Island, Hilton Head Island, SC (KHXD) Obstruction tower light (Antenna Structure Registration 1043968) 32° 13' 37.00" North 080° 50' 52.00" West (7.6 nautical miles W HXD) 849.1 feet (829.1FT above ground level) out of service Dec 20, 2018 0044Z to Jan 04, 2019 0043Z

!AND 11/229 Beaufort County, Beaufort, SC (KARW) Obstruction tower light (Antenna Structure Registration 1063961) 32° 25' 11.00" North 080° 28' 30.00" West (8.1 nautical mile E ARW) 807 feet (798FT above ground level) out of service Nov 19, 2018 1801Z to Mar 08, 2019 2359Z

!AND 12/219 Charleston Executive, Charleston, SC (KJZI) Obstruction tower light (Antenna Structure Registration 1060835) 32° 43' 38.70" North 079° 56' 39.40" West (3.4 nautical miles east-north-east JZI) 274.9 feet (265.1FT above ground level) out of service Dec 17, 2018 2113Z to Apr 26, 2019 2359Z

!AND 12/227 Lowcountry Regional, Walterboro, SC (KRBW) Obstruction tower light (Antenna Structure Registration 1230063) 32° 56' 46.20" North 080° 30' 23.90" West (7.0 nautical miles east-north-east RBW) 332 feet (285.1FT above ground level) out of service Dec 18, 2018 2252Z to Jan 03, 2019 0500Z

!AND 11/211 Charleston Executive, Charleston, SC (KJZI) Obstruction tower light (Antenna Structure Registration 1042962) 32° 47' 57.00" North 079° 53' 49.00" West (8.1 nautical mile NE JZI) 739.8 feet (734.9FT above ground level) out of service Nov 17, 2018 1807Z to Feb 17, 2019 2359Z

!CHS 12/022 Charleston Afb/Intl, Charleston, SC (KCHS) Obstruction tower light (Antenna Structure Registration 1047908) 32° 55' 40.10" North 080° 10' 01.50" West (6.6 nautical miles west-north-west CHS) 242.1 feet (210.0FT above ground level) out of service Dec 14, 2018 0932Z to Mar 14, 2019 2359Z

!CHS 12/010 Charleston Afb/Intl, Charleston, SC (KCHS) Obstruction tower light (Antenna Structure Registration 1233541) 32° 58' 21.50" North 080° 07' 44.00" West (6.2 nautical miles northwest CHS) 282.2 feet (244.1FT above ground level) out of service Dec 10, 2018 1446Z to Dec 25, 2018 2359Z

!CHS 11/053 Charleston Afb/Intl, Charleston, SC (KCHS) Obstruction tower light (Antenna Structure Registration 1048263) 32° 54' 19.00" North 079° 55' 18.00" West (6.0 nautical miles E CHS) 534.8 feet (498.7FT above ground level) out of service Nov 29, 2018 1500Z to Dec 30, 2018 0300Z

!CHS 11/043 Charleston Afb/Intl, Charleston, SC (KCHS) Obstruction tower light (Antenna Structure Registration 1218278) 32° 54' 22.80" North 079° 55' 13.80" West (6.1 nautical mile E CHS) 649 feet (613.8FT above ground level) out of service Nov 23, 2018 2301Z to Feb 22, 2019 2359Z

!CHS 12/025 Charleston Afb/Intl, Charleston, SC (KCHS) Obstruction tower light (Antenna Structure Registration 1054678) 33° 00' 59.00" North 079° 55' 43.00" West (9.2 nautical miles NE CHS) 412.1 feet (400.9FT above ground level) out of service Dec 15, 2018 1500Z to Mar 15, 2019 2359Z

!AND 12/238 Holly Hill, Holly Hill, SC (K5J5) Obstruction tower light (Antenna Structure Registration 1253788) 33° 23' 38.20" North 080° 17' 58.00" West (7.5 nautical miles NE 5J5) 355.3 feet (260.2FT above ground level) out of service Dec 20, 2018 1203Z to Jan 20, 2019 0001Z

!AND 12/207 Williamsburg Regional, Kingstree, SC (KCKI) Obstruction tower light (Antenna

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Structure Registration 1018345) 33° 35' 24.20" North 079° 56' 39.40" West (8.9 nautical miles south-south-west CKI) 378.9 feet (319.9FT above ground level) out of service Dec 17, 2018 1335Z to Jan 16, 2019 1335Z

!AND 11/295 Williamsburg Regional, Kingstree, SC (KCKI) Obstruction tower light (Antenna Structure Registration 1038331) 33° 49' 23.60" North 080° 05' 54.30" West (13.5 nautical miles west-north-west CKI) 416 feet (315.0FT above ground level) out of service Nov 26, 2018 0143Z to Feb 23, 2019 0500Z

!GGE 12/003 Georgetown County, Georgetown, SC (KGGE) Obstruction tower light (Antenna Structure Registration 1227096) 33° 33' 13.60" North 079° 13' 13.20" West (15.6 nautical miles north-north-east GGE) 500 feet (480.0FT above ground level) out of service Dec 03, 2018 2028Z to Jan 03, 2019 2359Z

!AND 12/179 Lake City Municipal C.J Evans Field, Lake City, SC (K51J) Obstruction tower light (Antenna Structure Registration 1273335) 33° 47' 08.40" North 079° 34' 41.10" West (10.2 nautical miles east-south-east 51J) 389.4 feet (309.7FT above ground level) out of service Dec 14, 2018 2226Z to Jan 14, 2019 1200Z

!AND 12/145 Lake City Municipal C.J Evans Field, Lake City, SC (K51J) Obstruction tower light (Antenna Structure Registration 1273730) 33° 54' 54.40" North 079° 50' 18.20" West (5.0 nautical miles northwest 51J) 500 feet (404.9FT above ground level) out of service Dec 12, 2018 2104Z to Jan 11, 2019 2104Z

!AND 12/220 Lake City Municipal C.J Evans Field, Lake City, SC (K51J) Obstruction tower light (Antenna Structure Registration 1048070) 33° 53' 46.00" North 079° 40' 40.70" West (5.2 nautical miles east-north-east 51J) 494.8 feet (419.9FT above ground level) out of service Dec 18, 2018 0035Z to Jan 17, 2019 0035Z

!AND 06/102 Lake City Municipal C.J Evans Field, Lake City, SC (K51J) Obstruction tower light (Antenna Structure Registration 1268215) 33° 58' 36.20" North 079° 48' 31.30" West (7.6 nautical miles north-north-west 51J) 594.2 feet (499.0FT above ground level) out of service Jun 06, 2018 1659Z to Dec 31, 2018 1700Z

!AND 12/208 Conway-Horry CO, Conway, SC (KHYW) Obstruction tower light (Antenna Structure Registration 1064645) 33° 49' 33.90" North 079° 16' 09.10" West (7.3 nautical miles W HYW) 287.1 feet (270.0FT above ground level) out of service Dec 17, 2018 1417Z to Jan 16, 2019 1417Z

!AND 12/206 Huggins Memorial, Timmonsville, SC (K58J) Obstruction tower light (Antenna Structure Registration 1057341) 34° 06' 15.00" North 079° 54' 16.00" West (2.0 nautical miles south-south-east 58J) 449.8 feet (319.9FT above ground level) out of service Dec 17, 2018 0808Z to Jan 01, 2019 0708Z

!AND 12/167 Huggins Memorial, Timmonsville, SC (K58J) Obstruction tower light (Antenna Structure Registration 1048069) 34° 06' 31.50" North 079° 48' 40.20" West (5.7 nautical miles

east-south-east 58J) 532.2 feet (410.1FT above ground level) out of service Dec 14, 2018 1141Z to Jan 13, 2019 1141Z

!AND 11/054 Conway-Horry CO, Conway, SC (KHYW) Obstruction tower light (Antenna Structure Registration 1059179) 33° 56' 59.00" North 079° 06' 30.00" West (7.3 nautical miles NE HYW) 897.3 feet (817.6FT above ground level) out of service Nov 05, 2018 1329Z to Feb 05, 2019 2359Z

!FLO 12/008 Florence Regional, Florence, SC (KFLO) Obstruction tower light (Antenna Structure Registration 1048802) 341618N0794333W (5.2 nautical miles N FLO) 949 feet (827FT above ground level) out of service Dec 15, 2018 1507Z to Dec 30, 2018 1247Z

!AND 12/119 Marion CO, Marion, SC (KMAO) Obstruction tower light (Antenna Structure Registration 1047913) 34° 06' 18.80" North 079° 19' 29.80" West (4.6 nautical miles S MAO) 379.9 feet (308.1FT above ground level) out of service Dec 10, 2018 0517Z to Dec 25, 2018 0417Z

!AND 12/076 Marion CO, Marion, SC (KMAO) Obstruction tower light (Aeronautical Study Number 2018-ASO-5628-OE) 341233N0793036W (8.8 nautical miles W MAO) 382 feet (316FT above ground level) out of service Dec 07, 2018 1717Z to Jan 07, 2019 2359Z

!AND 12/231 Marion CO, Marion, SC (KMAO) Obstruction tower light (Antenna Structure Registration 1013613) 34° 11' 20.00" North 079° 10' 59.00" West (7.5 nautical miles E MAO) 1,609.3 feet (1533.1FT above ground level) out of service Dec 19, 2018 1437Z to Jan 21, 2019 2359Z

!AND 12/092 Dillon CO, Dillon, SC (KDLC) Obstruction tower light (Antenna Structure Registration 1048801) 34° 22' 05.00" North 079° 19' 20.00" West (5.3 nautical miles south-south-east DLC) 2,077.1 feet (1961.9FT above ground level) out of service Dec 09, 2018 0211Z to Mar 09, 2019 2359Z

!AND 12/072 Dillon CO, Dillon, SC (KDLC) Obstruction tower light (Antenna Structure Registration 1216571) 34° 24' 55.30" North 079° 23' 03.50" West (2.2 nautical miles south-south-west DLC) 317.9 feet (211.0FT above ground level) out of service Dec 06, 2018 2303Z to Jan 05, 2019 2303Z

!AND 11/272 Green Sea, Green Sea, SC (KS79) Obstruction tower light (Antenna Structure Registration 1257159) 34° 17' 54.40" North 078° 55' 54.00" West (8.2 nautical miles north-north-east S79) 362.9 feet (255.9FT above ground level) out of service Nov 23, 2018 0856Z to Feb 21, 2019 0500Z

!CPC 12/004 Columbus County Municipal, Whiteville, NC (KCPC) Obstruction tower light (Antenna Structure Registration 1276985) 34° 15' 26.50" North 078° 48' 24.20" West (4.7 nautical miles west-south-west CPC) 404.9 feet (299.9FT above ground level) out of service Dec 15, 2018 0331Z to Feb 24, 2019 2359Z

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!LBT 08/008 Lumberton Regional, Lumberton, NC (KLBT) Obstruction tower light (Antenna Structure Registration 1263641) 34° 29' 47.50" North 079° 01' 51.80" West (6.9 nautical miles south-south-east LBT) 594.8 feet (480.0FT above ground level) out of service Aug 16, 2018 1333Z to Aug 16, 2019 1332Z

!RDU 12/232 Adams, Rowland, NC (K8NC) Obstruction tower light (Antenna Structure Registration 1259079) 34° 37' 59.50" North 079° 13' 52.90" West (3.6 nautical miles north-north-east 8NC) 409.8 feet (258.9FT above ground level) out of service Dec 11, 2018 1558Z to Dec 26, 2018 1557Z

!MEB 02/005 Laurinburg Maxton, Maxton, NC (KMEB) Obstruction tower light (Antenna Structure Registration unknown) 344341N0792449W (5NM southwest MEB) unknown (320FT above ground level) out of service Feb 12, 2018 2020Z-permanent

!LBT 11/012 Lumberton Regional, Lumberton, NC (KLBT) Obstruction tower light (Antenna Structure Registration 1020469) 34° 35' 47.10" North 079° 00' 35.70" West (2.6 nautical miles east-south-east LBT) 419.9 feet (306.1FT above ground level) out of service Nov 21, 2018 1320Z to Dec 21, 2018 2359Z

!LBT 12/006 Lumberton Regional, Lumberton, NC (KLBT) Obstruction tower light (Antenna Structure Registration 1007585) 34° 37' 34.00" North 079° 04' 33.00" West (1.3 nautical miles northwest LBT) 269 feet (134.5FT above ground level) out of service Dec 17, 2018 1713Z to Apr 13, 2019 2359Z

!MEB 12/002 Laurinburg Maxton, Maxton, NC (KMEB) Obstruction tower light (Antenna Structure Registration 1004861) 34° 47' 43.10" North 079° 26' 29.60" West (3.7 nautical miles W MEB) 581.7 feet (363.8FT above ground level) out of service Dec 15, 2018 0939Z to Dec 30, 2018 0939Z

!LBT 12/012 Lumberton Regional, Lumberton, NC (KLBT) Obstruction tower light (Antenna Structure Registration 1203800) 34° 38' 44.00" North 079° 04' 24.00" West (2.2 nautical miles north-north-west LBT) 350.1 feet (207.0FT above ground level) out of service Dec 20, 2018 0912Z to Jan 19, 2019 0912Z

!LBT 12/007 Lumberton Regional, Lumberton, NC (KLBT) Obstruction tower light (Antenna Structure Registration 1024082) 34° 36' 59.70" North 079° 00' 14.30" West (2.8 nautical miles E LBT) 377 feet (250.0FT above ground level) out of service Dec 18, 2018 0851Z to Jan 17, 2019 0851Z

!EYF 11/001 Curtis L Brown Jr Field, Elizabethtown, NC (KEYF) Obstruction tower light (Antenna Structure Registration 1006854) 34° 37' 29.00" North 078° 40' 16.00" West (4.7 nautical miles west-north-west EYF) 432.1 feet (309.1FT above ground level) out of service Nov 01, 2018 1150Z to Dec 27, 2018 2359Z

!LBT 11/010 Lumberton Regional, Lumberton, NC (KLBT) Obstruction tower light (Antenna Structure Registration 1014580) 34° 47' 51.00" North 079° 02' 41.00" West (11.3 nautical miles

NE LBT) 1,247 feet (1063.0FT above ground level) out of service Nov 13, 2018 1318Z to Dec 28, 2018 2359Z

!RDU 12/278 P K Airpark, Raeford, NC (K5W4) Obstruction tower light (Antenna Structure Registration 1207377) 34° 56' 41.30" North 079° 18' 30.30" West (7.4 nautical miles southwest 5W4) 545.9 feet (288.1FT above ground level) out of service Dec 14, 2018 2149Z to Dec 29, 2018 2149Z

!RDU 12/270 P K Airpark, Raeford, NC (K5W4) Obstruction tower light (Antenna Structure Registration 1064942) 34° 58' 16.10" North 079° 12' 24.70" West (3.1 nautical mile south-southwest 5W4) 505.6 feet (258.9FT above ground level) out of service Dec 14, 2018 1539Z to Dec 29, 2018 1539Z

!FAY 12/020 Fayetteville Rgnl/Grannis Field, Fayetteville, NC (KFAY) Obstruction tower light (Antenna Structure Registration 1236586) 35° 00' 45.90" North 079° 00' 25.80" West (6.3 nautical miles west-north-west FAY) 416 feet (230.0FT above ground level) out of service Dec 13, 2018 1551Z to May 15, 2019 0400Z

!RDU 11/268 Grays Creek, Fayetteville, NC (K2GC) Obstruction tower light (Antenna Structure Registration 1000241) 34° 56' 48.00" North 078° 45' 05.00" West (5.6 nautical miles NE 2GC) 489.8 feet (359.9FT above ground level) out of service Nov 25, 2018 2243Z to Feb 23, 2019 0500Z

!HRJ 11/004 Harnett Regional Jetport, Erwin, NC (KHRJ) Obstruction tower light (Antenna Structure Registration 1291966) 35° 12' 28.10" North 078° 52' 32.10" West (12.7 nautical miles southwest HRJ) 629.9 feet (379.9FT above ground level) out of service Nov 14, 2018 2231Z to Nov 14, 2019 2359Z

!CTZ 07/001 Clinton-Sampson County, Clinton, NC (KCTZ) Obstruction tower light (Antenna Structure Registration 1007058) 35° 02' 14.00" North 078° 29' 56.00" West (7.4 nautical miles west-north-west CTZ) 622.7 feet (452.8FT above ground level) out of service Jul 03, 2018 2239Z to Jul 03, 2019 2239Z

!HRJ 10/017 Harnett Regional Jetport, Erwin, NC (KHRJ) Obstruction tower light (Antenna Structure Registration 1013608) 35° 17' 01.00" North 078° 35' 48.00" West (8.7 nautical miles southeast HRJ) 465.6 feet (276.9FT above ground level) out of service Oct 29, 2018 1824Z to Dec 31, 2018 2359Z

!TTA 12/009 Raleigh Exec Jetport at Sandfo, Sanford, NC (KTTA) Obstruction tower light (Antenna Structure Registration 1238110) 35° 30' 43.90" North 078° 58' 39.80" West (7.3 nautical miles southeast TTA) 2,147 feet (1747.0FT above ground level) out of service Dec 19, 2018 0510Z to Jan 03, 2019 0410Z

!HRJ 11/006 Harnett Regional Jetport, Erwin, NC (KHRJ) Obstruction tower light (Antenna Structure Registration 1228039) 35° 21' 56.90" North 078° 40' 10.10" West (3.2 nautical miles east-south-east HRJ) 531.5 feet (324.8FT above ground level) out of service Nov 27, 2018

2239Z to Dec 27, 2018 2359Z

!CTZ 12/003 Clinton-Sampson County, Clinton, NC (KCTZ) Obstruction tower light (Antenna Structure Registration 1004812) 35° 13' 55.00" North 078° 22' 10.00" West (15.5 nautical miles N CTZ) 601 feet (419.9FT above ground level) out of service Dec 10, 2018 1717Z to Jan 09, 2019 1716Z

!RDU 12/288 Mount Olive Municipal, Mount Olive, NC (KW40) Obstruction tower light (Antenna Structure Registration 1217564) 35° 13' 39.20" North 078° 20' 36.90" West (14.9 nautical miles W W40) 486.9 feet (310.0FT above ground level) out of service Dec 15, 2018 1257Z to Dec 30, 2018 1157Z

!HRJ 11/007 Harnett Regional Jetport, Erwin, NC (KHRJ) Obstruction tower light (Antenna Structure Registration 1211566) 35° 19' 52.90" North 078° 33' 08.90" West (9.2 nautical miles east-south-east HRJ) 517.1 feet (270.0FT above ground level) out of service Nov 28, 2018 0817Z to Dec 28, 2018 0817Z

!JNX 12/003 Johnston Regional, Smithfield, NC (KJNX) Obstruction tower light (Antenna Structure Registration 1230718) 35° 16' 21.30" North 078° 23' 45.90" West (16.2 nautical miles S JNX) 414 feet (231.0FT above ground level) out of service Dec 11, 2018 1608Z to Dec 26, 2018 1508Z

!TTA 12/004 Raleigh Exec Jetport at Sandfo, Sanford, NC (KTTA) Obstruction tower light (Antenna Structure Registration 1213815) 35° 33' 39.90" North 078° 53' 57.90" West (9.9 nautical miles E TTA) 673.9 feet (259.8FT above ground level) out of service Dec 07, 2018 1255Z to Dec 22, 2018 1155Z

!RDU 11/170 Raleigh/Durham International, Raleigh/Durham, NC (KRDU) Obstruction tower light (Antenna Structure Registration unknown) 35° 38' 01.00" North 078° 57' 23.00" West (16NM southwest RDU) 784 feet (523FT above ground level) out of service Nov 15, 2018 1821Z to Dec 01, 2019 2359Z

!TTA 05/020 Raleigh Exec Jetport at Sandfo, Sanford, NC (KTTA) Obstruction stack (Aeronautical Study Number unknown) 353801N0785723W (9NM east-north-east TTA) 784 feet (523FT above ground level) not lighted May 29, 2018 1031Z to Nov 30, 2019 2359Z

!RDU 12/113 Raleigh/Triple W Air Park, Raleigh, NC (K5W5) Obstruction tower light (Antenna Structure Registration 1008598) 35° 42' 51.00" North 078° 49' 03.00" West (7.9 nautical miles northwest 5W5) 2,049.2 feet (1579.1FT above ground level) out of service Dec 09, 2018 0842Z to Dec 24, 2018 0842Z

!GWW 11/011 Wayne Executive Jetport, Goldsboro, NC (KGWW) Obstruction tower light (Antenna Structure Registration 1007841) 35° 22' 25.60" North 078° 00' 41.00" West (5.8 nautical miles south-south-west GWW) 401.9 feet (327.1FT above ground level) out of service Nov 30, 2018 2040Z to Jan 03, 2019 0400Z

!GWW 11/010 Wayne Executive Jetport, Goldsboro, NC (KGWW) Obstruction tower light (Antenna Structure Registration 1225214) 35° 22' 27.60" North 078° 00' 42.00" West (5.7 nautical miles south-south-west GWW) 378.9 feet (304.1FT above ground level) out of service Nov 30, 2018 2040Z to Jan 03, 2019 0400Z

!GWW 11/009 Wayne Executive Jetport, Goldsboro, NC (KGWW) Obstruction tower light (Antenna Structure Registration 1290951) 35° 24' 09.40" North 078° 01' 22.50" West (4.6 nautical miles southwest GWW) 271.7 feet (206.0FT above ground level) out of service Nov 30, 2018 2037Z to Jan 03, 2019 0400Z

!JNX 12/005 Johnston Regional, Smithfield, NC (KJNX) Obstruction tower light (Antenna Structure Registration 1210716) 35° 35' 11.20" North 078° 22' 08.20" West (3.0 nautical miles north-north-east JNX) 430.1 feet (206.0FT above ground level) out of service Dec 17, 2018 1307Z to Jan 16, 2019 1307Z

!RDU 12/256 Raleigh East, Knightdale, NC (KW17) Obstruction tower light (Antenna Structure Registration 1027322) 35° 40' 29.00" North 078° 31' 39.00" West (8.7 nautical miles south-south-west W17) 2,348.8 feet (1988.8FT above ground level) out of service Dec 13, 2018 1450Z to Feb 14, 2019 2359Z

!RDU 11/326 Raleigh/Durham International, Raleigh/Durham, NC (KRDU) Obstruction tower light (Antenna Structure Registration 1007885) 35° 47' 36.00" North 078° 45' 37.00" West (5.2 nautical miles south-south-east RDU) 996.1 feet (500.0FT above ground level) out of service Nov 30, 2018 2038Z to Jan 03, 2019 0400Z

!RDU 12/071 Raleigh East, Knightdale, NC (KW17) Obstruction tower light (Antenna Structure Registration 1004858) 35° 45' 06.00" North 078° 36' 00.00" West (8.4 nautical miles west-south-west W17) 766.1 feet (500.0FT above ground level) out of service Dec 05, 2018 1626Z to Jan 08, 2019 2359Z

!JNX 11/006 Johnston Regional, Smithfield, NC (KJNX) Obstruction tower light (Antenna Structure Registration 1003398) 35° 33' 47.60" North 078° 11' 56.00" West (9.4 nautical miles E JNX) 443.9 feet (254.9FT above ground level) out of service Nov 25, 2018 0316Z to Dec 24, 2018 2359Z

!RDU 11/132 Wilson Industrial, Wilson, NC (KW03) Obstruction tower light (Antenna Structure Registration 1015227) 35° 40' 39.90" North 078° 04' 00.40" West (7.4 nautical miles southwest W03) 473.1 feet (288.1FT above ground level) out of service Nov 13, 2018 1524Z to Feb 15, 2019 0500Z

!RDU 05/309 Raleigh/Durham International, Raleigh/Durham, NC (KRDU) Obstruction tower light (Antenna Structure Registration 1302876) 35° 59' 19.45" North 078° 41' 14.91" West (7.8 nautical miles NE RDU) 760 feet (358FT above ground level) out of service May 29, 2018 1503Z to May 31, 2019 2359Z

!RDU 11/262 Wilson Industrial, Wilson, NC (KW03) Obstruction tower light (Antenna

Structure Registration 1004437) 35° 45' 35.20" North 078° 11' 06.60" West (10.5 nautical miles W W03) 1,614.2 feet (1392.1FT above ground level) out of service Nov 25, 2018 0500Z to Dec 25, 2018 0500Z

!RDU 12/134 Raleigh/Durham International, Raleigh/Durham, NC (KRDU) Obstruction tower light (Antenna Structure Registration 1232491) 36° 02' 49.70" North 078° 41' 26.90" West (11.3 nautical miles north-north-east RDU) 632.9 feet (280.8FT above ground level) out of service Dec 09, 2018 1341Z to Dec 24, 2018 1241Z

!RDU 10/408 Wilson Industrial, Wilson, NC (KW03) Obstruction tower light (Antenna Structure Registration 1011106) 35° 45' 04.10" North 078° 00' 47.40" West (2.4 nautical miles west-south-west W03) 399.9 feet (234.9FT above ground level) out of service Oct 25, 2018 1731Z to Jan 15, 2019 0400Z

!RDU 12/140 Wilson Industrial, Wilson, NC (KW03) Obstruction tower light (Antenna Structure Registration 1004438) 35° 49' 52.80" North 078° 08' 42.80" West (9.2 nautical miles west-north-west W03) 2,201.8 feet (1961.9FT above ground level) out of service Dec 09, 2018 1504Z to Dec 24, 2018 1504Z

!RDU 12/056 Wilson Industrial, Wilson, NC (KW03) Obstruction tower light (Antenna Structure Registration 1005839) 35° 44' 04.00" North 077° 52' 59.00" West (4.7 nautical miles east-south-east W03) 439 feet (319.9FT above ground level) out of service Dec 04, 2018 2201Z to Jan 04, 2019 2359Z

!RDU 12/022 Wilson Industrial, Wilson, NC (KW03) Obstruction tower light (Antenna Structure Registration 1220674) 35° 50' 49.20" North 078° 00' 24.00" West (4.9 nautical miles north-north-west W03) 420.9 feet (254.9FT above ground level) out of service Dec 02, 2018 2243Z to Jan 02, 2019 2359Z

!LHZ 12/014 Triangle North Executive, Louisburg, NC (KLHZ) Obstruction tower light (Antenna Structure Registration 1201511) 36° 04' 52.60" North 078° 28' 25.70" West (7.7 nautical miles west-north-west LHZ) 708.7 feet (315.0FT above ground level) out of service Dec 14, 2018 1527Z to Dec 29, 2018 1427Z

!LHZ 12/013 Triangle North Executive, Louisburg, NC (KLHZ) Obstruction tower light (Antenna Structure Registration 1289611) 36° 05' 37.10" North 078° 14' 24.50" West (6.2 nautical miles NE LHZ) 535.8 feet (257.9FT above ground level) out of service Dec 10, 2018 1416Z to Jan 09, 2019 1416Z

!RWI 12/010 Rocky Mount-Wilson Regional, Rocky Mount, NC (KRWI) Obstruction tower light (Antenna Structure Registration 1001640) 35° 54' 44.00" North 077° 50' 05.00" West (4.4 nautical miles NE RWI) 546.3 feet (446.2FT above ground level) out of service Dec 14, 2018 0139Z to Jan 31, 2019 2359Z

!LHZ 11/006 Triangle North Executive, Louisburg, NC (KLHZ) Obstruction tower light (Antenna Structure Registration 1280571) 36° 06' 39.70" North 078° 11' 13.10" West (8.8

nautical miles NE LHZ) 757.9 feet (419.9FT above ground level) out of service Nov 16, 2018 0224Z to Jan 16, 2019 2359Z

!LHZ 12/006 Triangle North Executive, Louisburg, NC (KLHZ) Obstruction tower light (Antenna Structure Registration 1289613) 36° 08' 22.50" North 078° 12' 49.20" West (9.1 nautical mile NE LHZ) 646 feet (257.9FT above ground level) out of service Dec 07, 2018 0413Z to Jan 06, 2019 0413Z

!LHZ 12/015 Triangle North Executive, Louisburg, NC (KLHZ) Obstruction tower light (Antenna Structure Registration 1289298) 36° 08' 15.20" North 078° 05' 49.10" West (13.4 nautical miles east-north-east LHZ) 542 feet (257.9FT above ground level) out of service Dec 17, 2018 0424Z to Jan 16, 2019 0424Z

!RDU 12/251 Tarboro-Edgecombe, Tarboro, NC (KETC) Obstruction tower light (Antenna Structure Registration 1247562) 35° 54' 55.30" North 077° 38' 55.60" West (5.2 nautical miles west-south-west ETC) 318.9 feet (211.9FT above ground level) out of service Dec 12, 2018 2040Z to Jan 28, 2019 2359Z

!RDU 12/315 Tarboro-Edgecombe, Tarboro, NC (KETC) Obstruction tower light (Antenna Structure Registration unknown) 360236N0774508W (11.5 nautical miles northwest ETC) 463 feet (354FT above ground level) out of service Dec 18, 2018 1815Z to Feb 18, 2019 1815Z

!RDU 11/277 Tarboro-Edgecombe, Tarboro, NC (KETC) Obstruction tower light (Aeronautical Study Number 2018-ASO-16,100 feet-OE) 360237N0774508W (11.7 nautical miles west-north-west ETC) 464 feet (355FT above ground level) out of service Nov 28, 2018 1200Z to Dec 30, 2018 2359Z

!LHZ 07/010 Triangle North Executive, Louisburg, NC (KLHZ) Obstruction tower light (Antenna Structure Registration 1264306) 36° 12' 41.00" North 078° 04' 09.20" West (17.2 nautical miles NE LHZ) 647 feet (399.9FT above ground level) out of service Jul 27, 2018 0549Z to Jul 27, 2019 0549Z

!RWI 11/011 Rocky Mount-Wilson Regional, Rocky Mount, NC (KRWI) Obstruction tower light (Antenna Structure Registration 1298953) 36° 09' 16.50" North 077° 56' 01.20" West (18.1 nautical mile N RWI) 480 feet (250.0FT above ground level) out of service Nov 30, 2018 1420Z to Dec 30, 2018 2359Z

!IXA 12/001 Halifax-Northampton Regional, Roanoke Rapids, NC (KIXA) Obstruction tower light (Antenna Structure Registration 1014576) 36° 17' 29.20" North 077° 50' 09.40" West (10.0 nautical miles west-south-west IXA) 1,427.2 feet (1143.0FT above ground level) out of service Dec 01, 2018 0407Z to Jan 14, 2019 2359Z

!AVC 06/004 Mecklenburg-Brunswick Regional, South Hill, VA (KAVC) Obstruction tower light (Antenna Structure Registration 1281099) 36° 26' 13.00" North 078° 07' 28.40" West (15.6 nautical miles south-south-west AVC) 930.1 feet (495.1FT above ground level) out of service Jun 06, 2018 1511Z to Jun 06, 2019 2359Z

!IXA 12/003 Halifax-Northampton Regional, Roanoke Rapids, NC (KIXA) Obstruction tower light (Antenna Structure Registration 1204136) 36° 09' 24.50" North 077° 30' 55.90" West (11.8 nautical miles south-south-east IXA) 513.1 feet (393.0FT above ground level) out of service Dec 13, 2018 1301Z to Jan 13, 2019 2359Z

!AVC 12/011 Mecklenburg-Brunswick Regional, South Hill, VA (KAVC) Obstruction tower light (Antenna Structure Registration 1229169) 36° 30' 32.70" North 078° 12' 39.50" West (13.8 nautical miles southwest AVC) 542.7 feet (259.8FT above ground level) out of service Dec 18, 2018 1810Z to Jan 02, 2019 1809Z

!AVC 12/004 Mecklenburg-Brunswick Regional, South Hill, VA (KAVC) Obstruction tower light (Antenna Structure Registration 1202746) 36° 37' 37.70" North 078° 07' 33.60" West (5.1 nautical mile southwest AVC) 633.9 feet (278.9FT above ground level) out of service Dec 09, 2018 2000Z to Dec 24, 2018 1900Z

!AVC 11/006 Mecklenburg-Brunswick Regional, South Hill, VA (KAVC) Obstruction tower light (Antenna Structure Registration 1229602) 36° 38' 11.20" North 078° 08' 08.20" West (5.0 nautical miles southwest AVC) 641.1 feet (349.1FT above ground level) out of service Nov 14, 2018 1417Z to May 15, 2019 2359Z

!IXA 09/005 Halifax-Northampton Regional, Roanoke Rapids, NC (KIXA) Obstruction tower light (Antenna Structure Registration 1262524) 36° 19' 53.20" North 077° 24' 54.40" West (10.6 nautical miles E IXA) 568.9 feet (490.2FT above ground level) out of service Sep 21, 2018 0551Z to Sep 21, 2019 0551Z

!IXA 10/010 Halifax-Northampton Regional, Roanoke Rapids, NC (KIXA) Obstruction tower light (Antenna Structure Registration 1210167) 36° 26' 24.30" North 077° 37' 44.50" West (6.7 nautical miles NE IXA) 549.9 feet (424.9FT above ground level) out of service Oct 30, 2018 1816Z to Apr 05, 2019 2359Z

!IXA 05/004 Halifax-Northampton Regional, Roanoke Rapids, NC (KIXA) Obstruction stack (Aeronautical Study Number unknown) 362611N0773700W (10NM S IXA) 472 feet (375FT above ground level) not lighted May 15, 2018 1200Z-permanent

!IXA 04/010 Halifax-Northampton Regional, Roanoke Rapids, NC (KIXA) Obstruction stack (Aeronautical Study Number 92-ASO-1723-OE) 362611N0773700W (6.1 nautical mile N IXA) 477 feet (380FT above ground level) not lighted May 01, 2018 1200Z-permanent

!AVC 09/005 Mecklenburg-Brunswick Regional, South Hill, VA (KAVC) Obstruction tower light (Antenna Structure Registration 1238336) 36° 36' 03.60" North 077° 53' 28.70" West (9.3 nautical miles east-south-east AVC) 580.7 feet (274.9FT above ground level) out of service Sep 14, 2018 1557Z to Jan 31, 2019 2359Z

!DCA 12/255 Lawrenceville/Brunswick Municipal, Lawrenceville, VA (KLVL) Obstruction tower light (Antenna Structure Registration 1213251) 36° 34' 19.90" North 077° 49' 09.40" West

(12.2 nautical miles S LVL) 687.7 feet (347.8FT above ground level) out of service Dec 13, 2018 2249Z to Jan 12, 2019 2359Z

!AVC 12/012 Mecklenburg-Brunswick Regional, South Hill, VA (KAVC) Obstruction tower light (Antenna Structure Registration 1257452) 36° 36' 58.00" North 077° 52' 26.00" West (9.6 nautical miles east-south-east AVC) 566.9 feet (285.1FT above ground level) out of service Dec 18, 2018 1813Z to Jan 02, 2019 1812Z

!AVC 11/005 Mecklenburg-Brunswick Regional, South Hill, VA (KAVC) Obstruction tower light (Antenna Structure Registration 1230112) 36° 46' 17.20" North 078° 02' 10.70" West (5.1 nautical mile NE AVC) 608.9 feet (349.1FT above ground level) out of service Nov 14, 2018 1416Z to May 15, 2019 2359Z

!ASJ 11/006 Tri-County, Ahoskie, NC (KASJ) Obstruction tower light (Antenna Structure Registration 1004930) 36° 26' 54.30" North 077° 18' 34.10" West (11.1 nautical mile northwest ASJ) 531.8 feet (419.9FT above ground level) out of service Nov 28, 2018 0837Z to Dec 28, 2018 0837Z

!AVC 09/011 Mecklenburg-Brunswick Regional, South Hill, VA (KAVC) Obstruction tower light (Antenna Structure Registration 1233487) 36° 48' 16.10" North 077° 58' 50.30" West (7.9 nautical miles north-north-east AVC) 527.9 feet (274.9FT above ground level) out of service Sep 28, 2018 2011Z to Feb 15, 2019 2359Z

!EMV 09/007 Emporia-Greensville Regional, Emporia, VA (KEMV) Obstruction tower light (Antenna Structure Registration 1226438) 36° 37' 05.60" North 077° 33' 43.70" West (5.7 nautical miles southwest EMV) 476 feet (349.1FT above ground level) out of service Sep 28, 2018 2012Z to Feb 15, 2019 2359Z

!DCA 10/573 Lawrenceville/Brunswick Municipal, Lawrenceville, VA (KLVL) Obstruction tower light (Antenna Structure Registration 1232884) 36° 50' 24.90" North 077° 55' 16.80" West (7.2 nautical miles northwest LVL) 606.6 feet (299.9FT above ground level) out of service Oct 30, 2018 1816Z to Apr 05, 2019 2359Z

!EMV 09/004 Emporia-Greensville Regional, Emporia, VA (KEMV) Obstruction tower light (Antenna Structure Registration 1209548) 36° 41' 04.50" North 077° 33' 39.50" West (3.8 nautical miles W EMV) 632.2 feet (490.2FT above ground level) out of service Sep 14, 2018 1556Z to Jan 31, 2019 2359Z

!DCA 09/227 Lawrenceville/Brunswick Municipal, Lawrenceville, VA (KLVL) Obstruction tower light (Antenna Structure Registration 1206340) 36° 46' 04.50" North 077° 43' 37.90" West (3.2 nautical miles E LVL) 690 feet (430.1FT above ground level) out of service Sep 14, 2018 1556Z to Jan 31, 2019 2359Z

!DCA 10/572 Lawrenceville/Brunswick Municipal, Lawrenceville, VA (KLVL) Obstruction tower light (Antenna Structure Registration 1211071) 36° 52' 02.50" North 077° 53' 29.90" West (7.3 nautical miles northwest LVL) 873 feet (493.1FT above ground level) out of service Oct 30,

2018 1815Z to Apr 05, 2019 2359Z

!DCA 09/228 Lawrenceville/Brunswick Municipal, Lawrenceville, VA (KLVL) Obstruction tower light (Antenna Structure Registration 1040481) 36° 45' 23.00" North 077° 39' 45.00" West (6.4 nautical miles E LVL) 628.9 feet (347.1FT above ground level) out of service Sep 14, 2018 1557Z to Jan 31, 2019 2359Z

!EMV 10/008 Emporia-Greensville Regional, Emporia, VA (KEMV) Obstruction tower light (Antenna Structure Registration 1237639) 36° 41' 33.40" North 077° 31' 48.10" West (2.3 nautical miles W EMV) 362.2 feet (260.2FT above ground level) out of service Oct 30, 2018 1815Z to Apr 05, 2019 2359Z

!DCA 09/571 Lawrenceville/Brunswick Municipal, Lawrenceville, VA (KLVL) Obstruction tower light (Antenna Structure Registration 1233486) 36° 52' 34.00" North 077° 49' 29.60" West (6.4 nautical miles north-north-west LVL) 575.8 feet (274.9FT above ground level) out of service Sep 28, 2018 2013Z to Feb 15, 2019 2359Z

!EMV 12/006 Emporia-Greensville Regional, Emporia, VA (KEMV) Obstruction tower light (Antenna Structure Registration 1201721) 36° 41' 48.70" North 077° 23' 12.80" West (4.6 nautical miles E EMV) 340.2 feet (265.1FT above ground level) out of service Dec 09, 2018 1959Z to Dec 24, 2018 1859Z

!EMV 12/001 Emporia-Greensville Regional, Emporia, VA (KEMV) Obstruction tower light (Antenna Structure Registration 1216879) 36° 46' 02.50" North 077° 28' 38.80" West (4.9 nautical miles NE EMV) 378.9 feet (253.0FT above ground level) out of service Dec 01, 2018 0142Z to Dec 31, 2018 0142Z

!DCA 12/180 Lawrenceville/Brunswick Municipal, Lawrenceville, VA (KLVL) Obstruction tower light (Antenna Structure Registration 1060437) 36° 56' 03.10" North 077° 44' 11.40" West (10.2 nautical miles north-north-east LVL) 505.9 feet (253.9FT above ground level) out of service Dec 10, 2018 0024Z to Dec 25, 2018 0024Z

!DCA 11/242 Lawrenceville/Brunswick Municipal, Lawrenceville, VA (KLVL) Obstruction tower light (Antenna Structure Registration 1229601) 36° 57' 40.80" North 077° 42' 45.60" West (12.1 nautical mile north-north-east LVL) 632.9 feet (349.1FT above ground level) out of service Nov 14, 2018 1418Z to May 15, 2019 2359Z

!PTB 12/004 Dinwiddie County, Petersburg, VA (KPTB) Obstruction tower light (Antenna Structure Registration 1017545) 36° 56' 17.40" North 077° 24' 14.40" West (15.5 nautical miles south-south-east PTB) 398 feet (315.0FT above ground level) out of service Dec 08, 2018 1811Z to Jan 06, 2019 2350Z Estimated

!PTB 11/008 Dinwiddie County, Petersburg, VA (KPTB) Obstruction tower light (Antenna Structure Registration 1056081) 37° 02' 24.20" North 077° 23' 14.60" West (10.3 nautical miles south-south-east PTB) 361.2 feet (222.1FT above ground level) out of service Nov 18, 2018 2349Z to Feb 16, 2019 0500Z

!AKQ 12/001 Wakefield Municipal, Wakefield, VA (KAKQ) Obstruction tower light (Antenna Structure Registration 1047457) 36° 57' 23.80" North 076° 56' 41.10" West (3.2 nautical miles southeast AKQ) 515.1 feet (415.0FT above ground level) out of service Dec 01, 2018 1653Z to Dec 30, 2018 2350Z Estimated

!PTB 12/003 Dinwiddie County, Petersburg, VA (KPTB) Obstruction tower light (Antenna Structure Registration 1017536) 37° 10' 07.50" North 077° 21' 26.40" West (7.1 nautical mile E PTB) 418 feet (266.1FT above ground level) out of service Dec 08, 2018 1810Z to Jan 06, 2019 2350Z Estimated

!AKQ 12/008 Wakefield Municipal, Wakefield, VA (KAKQ) Obstruction tower light (Antenna Structure Registration 1247714) 37° 05' 57.00" North 077° 11' 08.10" West (11.0 nautical miles northwest AKQ) 537.7 feet (419.9FT above ground level) out of service Dec 14, 2018 2351Z to Jan 14, 2019 2359Z

!PTB 12/012 Dinwiddie County, Petersburg, VA (KPTB) Obstruction tower light (Antenna Structure Registration 1305621) 37° 15' 26.00" North 077° 19' 48.10" West (9.56 nautical miles east-north-east PTB) 290 feet (199FT above ground level) out of service Dec 19, 2018 1038Z to Jan 04, 2019 2215Z

!DCA 12/311 Mc Laughlin, Chester, VA (K2G6) Obstruction tower light (Aeronautical Study Number 2008-AEA-64,300 feet-OE) 372255N0772251W (4.0 nautical miles north-north-west 2G6) 245 feet (215FT above ground level) out of service Dec 18, 2018 1553Z to Jan 02, 2019 1553Z

!DCA 12/270 Richmond Executive, Richmond, VA (KFCI) Obstruction tower light (Antenna Structure Registration 1260111) 37° 26' 22.80" North 077° 26' 00.40" West (4.8 nautical miles east-north-east FCI) 652.9 feet (639.8FT above ground level) out of service Dec 14, 2018 2304Z to Jan 13, 2019 2304Z

!RIC 12/137 Richmond International, Richmond, VA (KRIC) Obstruction tower light (Aeronautical Study Number 2005-AEA-55,300 feet-OE) 372907N0772501W (4.79 nautical miles west-south-west RIC) 379 feet (327FT above ground level) not lighted Dec 14, 2018 2243Z to Dec 29, 2018 2238Z

!RIC 12/072 Richmond International, Richmond, VA (KRIC) Obstruction tower light (Aeronautical Study Number 2005-AEA-55,200 feet-OE) 372922N0772525W (5.0 nautical miles W RIC) 357 feet (327FT above ground level) out of service Dec 10, 2018 0106Z to Dec 25, 2018 0014Z

!JGG 12/004 Williamsburg-Jamestown, Williamsburg, VA (KJGG) Obstruction tower light (Antenna Structure Registration 1293383) 37° 09' 51.00" North 076° 41' 36.00" West (4.6 nautical miles south-south-east JGG) 229.7 feet (198.8FT above ground level) out of service Dec 09, 2018 1615Z to Jan 08, 2019 1614Z

!DCA 11/421 Flat Rock, Flat Rock, VA (FAK) Obstruction crane (Aeronautical Study Number unknown) 373240N0772653W (7NM west-north-west RIC) 406 feet (250FT above ground level) flagged and light daily 1100-2200 Nov 27, 2018 1100Z to Sep 27, 2019 2200Z

!JGG 12/010 Williamsburg-Jamestown, Williamsburg, VA (KJGG) Obstruction tower light (Aeronautical Study Number 2018-AEA-1826-OE) 370934N0764003W (5.3 nautical miles south-south-east JGG) 135 feet (117FT above ground level) out of service Dec 13, 2018 1731Z to Dec 31, 2018 2359Z

!RIC 10/012 Richmond International, Richmond, VA (KRIC) Obstruction crane (Aeronautical Study Number 2018-AEA-10208-OE) 373234N0772548W (5.6 nautical miles west-north-west RIC) 546 feet (393FT above ground level) lighted Oct 06, 2018 1600Z to Mar 31, 2020 2359Z

!JGG 11/006 Williamsburg-Jamestown, Williamsburg, VA (KJGG) Obstruction power line light (Aeronautical Study Number 2018-AEA-1827-OE) 370940N0763954W (5.2 nautical miles south-south-east JGG) 135 feet (117FT above ground level) out of service Nov 24, 2018 1210Z to Jan 31, 2019 2359Z

!JGG 12/002 Williamsburg-Jamestown, Williamsburg, VA (KJGG) Obstruction tower light (Aeronautical Study Number 2018-AEA-1828-OE) 370947N0763946W (5.2 nautical miles south-south-east JGG) 128 feet (110FT above ground level) out of service Dec 05, 2018 1540Z to Dec 31, 2018 2359Z

!JGG 12/003 Williamsburg-Jamestown, Williamsburg, VA (KJGG) Obstruction tower light (Aeronautical Study Number 2018-AEA-1829-OE) 370954N0763945W (5.1 nautical mile south-south-east JGG) 135 feet (117FT above ground level) out of service Dec 08, 2018 1659Z to Dec 31, 2018 2359Z

!JGG 11/007 Williamsburg-Jamestown, Williamsburg, VA (KJGG) Obstruction tower light (Aeronautical Study Number 2018-AEA-1830-OE) 371004N0763944W (5.0 nautical miles south-south-east JGG) 135 feet (117FT above ground level) out of service Nov 30, 2018 1832Z to Dec 31, 2018 2359Z

!JGG 10/006 Williamsburg-Jamestown, Williamsburg, VA (KJGG) Obstruction tower light (Aeronautical Study Number 2017-AEA-12963-OE) 371015N0763942W (4.8 nautical miles south-south-east JGG) 160 feet (142FT above ground level) out of service Oct 16, 2018 1800Z to Dec 31, 2018 2359Z

!JGG 10/007 Williamsburg-Jamestown, Williamsburg, VA (KJGG) Obstruction tower light (Aeronautical Study Number 2017-AEA-3150-OE) 371027N0763941W (4.7 nautical miles southeast JGG) 210 feet (192FT above ground level) out of service Oct 18, 2018 1249Z to Dec 31, 2018 2359Z

!DCA 12/285 New Kent County, Quinton, VA (KW96) Obstruction tower light (Antenna Structure Registration 1025864) 37° 27' 15.10" North 077° 06' 02.60" West (3.2 nautical miles south-south-east W96) 351 feet (310.0FT above ground level) out of service Dec 16, 2018 0433Z

to Mar 15, 2019 0500Z

!JGG 12/008 Williamsburg-Jamestown, Williamsburg, VA (KJGG) Obstruction tower light (Antenna Structure Registration 1047864) 37° 16' 57.00" North 076° 44' 02.00" West (2.7 nautical miles north-north-west JGG) 342.8 feet (251.0FT above ground level) out of service Dec 10, 2018 2008Z to Apr 09, 2019 2359Z

!OFP 11/005 Hanover County Municipal, Richmond/Ashland, VA (KOFP) Obstruction tower light (Antenna Structure Registration 1264682) 37° 37' 17.80" North 077° 22' 13.00" West (6.1 nautical mile south-south-east OFP) 586.9 feet (404.9FT above ground level) out of service Nov 26, 2018 1520Z to Dec 26, 2018 2359Z

!DCA 12/261 New Kent County, Quinton, VA (KW96) Obstruction tower light (Antenna Structure Registration 1017157) 37° 29' 26.10" North 077° 03' 25.30" West (3.4 nautical miles east-south-east W96) 356 feet (224.1FT above ground level) out of service Dec 14, 2018 1323Z to Feb 01, 2019 2359Z

!FYJ 12/005 Middle Peninsula Regional, West Point, VA (KFYJ) Obstruction tower light (Antenna Structure Registration 1027477) 37° 33' 33.00" North 076° 47' 46.00" West (2.7 nautical miles northwest FYJ) 310.7 feet (299.9FT above ground level) out of service Dec 17, 2018 2223Z to Jan 22, 2019 2359Z

!DCA 12/335 Saluda/Hummel Field, Saluda, VA (KW75) Obstruction tower light (Antenna Structure Registration 1017562) 37° 30' 10.00" North 076° 33' 51.70" West (8.3 nautical miles southwest W75) 431.8 feet (319.9FT above ground level) out of service Dec 20, 2018 0414Z to Jan 19, 2019 0414Z

!XSA 12/006 Tappahannock-Essex County, Tappahannock, VA (KXSA) Obstruction tower light (Antenna Structure Registration 1016471) 37° 47' 44.90" North 077° 03' 30.50" West (8.7 nautical miles west-south-west XSA) 505.9 feet (312.0FT above ground level) out of service Dec 16, 2018 0228Z to Jan 14, 2019 2359Z

!XSA 12/002 Tappahannock-Essex County, Tappahannock, VA (KXSA) Obstruction tower light (Antenna Structure Registration 1020954) 37° 49' 18.50" North 077° 03' 01.80" West (7.8 nautical miles west-south-west XSA) 462.9 feet (298.9FT above ground level) out of service Dec 08, 2018 1442Z to Mar 08, 2019 0500Z

!FYJ 12/001 Middle Peninsula Regional, West Point, VA (KFYJ) Obstruction tower light (Antenna Structure Registration 1249802) 37° 39' 40.90" North 076° 39' 51.70" West (9.8 nautical miles north-north-east FYJ) 338.9 feet (250.0FT above ground level) out of service Dec 02, 2018 2222Z to Jan 01, 2019 2222Z

!DCA 12/160 Saluda/Hummel Field, Saluda, VA (KW75) Obstruction tower light (Antenna Structure Registration 1207362) 37° 34' 37.30" North 076° 29' 20.60" West (2.5 nautical miles southwest W75) 358.9 feet (259.8FT above ground level) out of service Dec 09, 2018 2057Z to Dec 24, 2018 1957Z

!XSA 12/005 Tappahannock-Essex County, Tappahannock, VA (KXSA) Obstruction tower light (Antenna Structure Registration 1016915) 37° 52' 05.90" North 077° 03' 30.90" West (7.8 nautical miles W XSA) 480 feet (305.1FT above ground level) out of service Dec 10, 2018 1640Z to Dec 25, 2018 1639Z

!DCA 12/253 Saluda/Hummel Field, Saluda, VA (KW75) Obstruction building (Aeronautical Study Number UNKNOWN) (650FT NE threshold runway 19) unknown (50FT above ground level) not lighted Dec 13, 2018 2127Z to Dec 20, 2018 2100Z

!XSA 12/007 Tappahannock-Essex County, Tappahannock, VA (KXSA) Obstruction tower light (Antenna Structure Registration 1016476) 37° 44' 41.40" North 076° 43' 45.50" West (10.3 nautical miles southeast XSA) 443.2 feet (324.1FT above ground level) out of service Dec 17, 2018 0647Z to Jan 01, 2019 0647Z

!DCA 11/105 Saluda/Hummel Field, Saluda, VA (KW75) Obstruction tower light (Antenna Structure Registration 1016631) 37° 41' 12.00" North 076° 24' 46.00" West (5.4 nautical miles north-north-east W75) 279.5 feet (199.8FT above ground level) out of service Nov 06, 2018 2011Z to Jan 07, 2019 2359Z

!XSA 11/008 Tappahannock-Essex County, Tappahannock, VA (KXSA) Obstruction tower light (Antenna Structure Registration 1243404) 37° 57' 32.00" North 076° 45' 20.00" West (9.0 nautical miles NE XSA) 434.7 feet (319.9FT above ground level) out of service Nov 30, 2018 1241Z to Dec 21, 2018 2200Z

!DCA 11/369 Tangier Island, Tangier, VA (KTGI) Obstruction tower light (Antenna Structure Registration 1236906) 37° 52' 14.00" North 076° 19' 11.00" West (15.3 nautical miles W TGI) 510.8 feet (419.9FT above ground level) out of service Nov 21, 2018 1417Z to Dec 21, 2018 2359Z

!DCA 12/024 St. Mary'S County Regional, Leonardtown, MD (K2W6) Obstruction tower light (Antenna Structure Registration 1037387) 38° 14' 36.90" North 076° 29' 37.00" West (5.0 nautical miles south-south-east 2W6) 325.8 feet (229.0FT above ground level) out of service Dec 02, 2018 0431Z to Jan 01, 2019 0431Z

!DCA 11/403 St. Mary'S County Regional, Leonardtown, MD (K2W6) Obstruction tower light (Antenna Structure Registration 1229878) 38° 26' 39.50" North 076° 43' 36.10" West (11.2 nautical miles northwest 2W6) 498 feet (346.1FT above ground level) out of service Nov 24, 2018 2231Z to Feb 22, 2019 0500Z

!DCA 08/154 Nottingham, Nottingham, MD (OTT) Obstruction tower light (Antenna Structure Registration unknown) 38° 33' 23.70" North 076° 41' 31.10" West (15.3 nautical miles northwest 2W6) 258 feet (213FT above ground level) out of service Aug 08, 2018 1447Z to Dec 31, 2018 2359Z

!DCA 12/047 St. Mary'S County Regional, Leonardtown, MD (K2W6) Obstruction tower light

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(Antenna Structure Registration 1041825) 38° 32' 11.10" North 076° 37' 02.10" West (13.7 nautical miles north-north-west 2W6) 554.1 feet (407.2FT above ground level) out of service Dec 03, 2018 0537Z to Jan 02, 2019 0537Z

!DCA 12/084 Washington Executive/Hyde Field, Clinton, MD (KW32) Obstruction tower light (Antenna Structure Registration 1041826) 38° 40' 26.00" North 076° 35' 39.90" West (16.3 nautical miles east-south-east W32) 562 feet (374.0FT above ground level) out of service Dec 04, 2018 0624Z to Jan 03, 2019 0624Z

!ESN 12/002 Easton/Newnam Field, Easton, MD (KESN) Obstruction tower light (Antenna Structure Registration 1035651) 38° 46' 14.00" North 076° 04' 55.00" West (2.1 nautical mile south-south-west ESN) 289 feet (275.9FT above ground level) out of service Dec 12, 2018 0259Z to Feb 12, 2019 0259Z

!ESN 12/003 Easton/Newnam Field, Easton, MD (KESN) Obstruction tower light (Antenna Structure Registration 1037389) 38° 43' 21.40" North 075° 57' 17.70" West (7.2 nautical miles southeast ESN) 326.8 feet (293.0FT above ground level) out of service Dec 15, 2018 1255Z to Jan 14, 2019 1255Z

!MIV 12/100 Chorman, Farmington, DE (KD74) Obstruction tower light (Antenna Structure Registration 1036148) 38° 44' 24.70" North 075° 45' 38.10" West (9.6 nautical miles southwest D74) 379.6 feet (345.8FT above ground level) out of service Dec 15, 2018 0508Z to Jan 14, 2019 0508Z

!MIV 12/099 Laurel, Laurel, DE (KN06) Obstruction tower light (Antenna Structure Registration 1049463) 38° 40' 00.00" North 075° 34' 59.00" West (7.6 nautical miles NE N06) 548.9 feet (520.0FT above ground level) out of service Dec 14, 2018 2225Z to Dec 28, 2018 2359Z

!MIV 12/110 Chorman, Farmington, DE (KD74) Obstruction tower light (Antenna Structure Registration 1293125) 38° 51' 56.70" North 075° 37' 29.80" West (1.1 nautical mile north-north-west D74) 180.8 feet (124.0FT above ground level) out of service Dec 16, 2018 1433Z to Jan 15, 2019 1433Z

!DCA 12/025 Ridgely Airpark, Ridgely, MD (KRJD) Obstruction tower light (Antenna Structure Registration 1228301) 39° 02' 23.80" North 075° 47' 16.00" West (5.6 nautical miles NE RJD) 399.6 feet (340.9FT above ground level) out of service Dec 02, 2018 0509Z to Jan 01, 2019 0509Z

!MIV 11/187 Jenkins, Wyoming, DE (K15N) Obstruction tower light (Antenna Structure Registration 1033246) 39° 05' 33.20" North 075° 40' 23.50" West (4.4 nautical miles west-south-west 15N) 478 feet (422.9FT above ground level) out of service Nov 29, 2018 2031Z to Dec 29, 2018 2031Z

!MIV 12/067 Albanna Aviation, Felton, DE (K0N6) Obstruction tower light (Antenna Structure Registration unknown) 39° 00' 40.00" North 075° 26' 40.00" West (4.6 nautical miles E 0N6)

230 feet (200FT above ground level) out of service Dec 07, 2018 1840Z to Feb 05, 2019 2359Z

!MIV 12/085 Chandelle Estates, Dover, DE (K0N4) Obstruction tower light (Antenna Structure Registration 1059119) 39° 11' 36.00" North 075° 32' 38.00" West (2.8 nautical miles W 0N4) 361.9 feet (319.9FT above ground level) out of service Dec 12, 2018 1554Z to Feb 12, 2019 2359Z

!MIV 12/066 Chandelle Estates, Dover, DE (K0N4) Obstruction tower light (Antenna Structure Registration 1043202) 39° 11' 08.50" North 075° 29' 26.90" West (1.0 nautical miles south-south-west 0N4) 273 feet (253.0FT above ground level) out of service Dec 07, 2018 0424Z to Jan 06, 2019 0424Z

!MIV 12/001 Smyrna, Smyrna, DE (K38N) Obstruction tower light (Antenna Structure Registration 1031515) 39° 16' 10.00" North 075° 34' 57.00" West (2.1 nautical mile south of 38° North) 398 feet (368.1FT above ground level) out of service Dec 01, 2018 0231Z to Dec 31, 2018 2359Z

!MIV 12/106 Summit, Middletown, DE (KEVY) Obstruction tower light (Antenna Structure Registration 1214485) 39° 25' 11.00" North 075° 46' 47.00" West (6.7 nautical miles south-south-west EVY) 325.8 feet (256.9FT above ground level) out of service Dec 15, 2018 2303Z to Jan 14, 2019 2303Z

!MIV 12/077 Summit, Middletown, DE (KEVY) Obstruction stack (Aeronautical Study Number unknown) 392812N0753217W (9.4 nautical miles east-south-east EVY) 528 feet (516FT above ground level) not lighted Dec 09, 2018 1853Z to Oct 31, 2019 2359Z

!ILG 12/026 New Castle, Wilmington, DE (KILG) Obstruction dome light (Aeronautical Study Number unknown) 392812N0753217W (12.5 nautical miles S ILG) 330 feet (230FT above ground level) out of service Dec 13, 2018 0805Z to Dec 28, 2018 0800Z

!ILG 07/009 New Castle, Wilmington, DE (KILG) Obstruction tower light (Antenna Structure Registration unknown) 39° 28' 12.00" North 075° 32' 17.00" West (12.5 nautical miles S ILG) unknown (500FT above ground level) out of service Jul 04, 2018 1408Z to Dec 31, 2019 2359Z

!MIV 12/125 Millville, Millville, NJ (KMIV) Obstruction tower light (Antenna Structure Registration 1267708) 39° 19' 42.70" North 075° 02' 30.40" West (2.7 nautical miles south-south-east MIV) 224.7 feet (175.9FT above ground level) out of service Dec 18, 2018 2017Z to Jan 17, 2019 2017Z

!ILG 05/085 New Castle, Wilmington, DE (KILG) Obstruction crane (Aeronautical Study Number 2018-AEA-7113-OE) 394119N0754017W (3.0 nautical miles W ILG) 385 feet (310FT above ground level) flagged May 21, 2018 1334Z to May 27, 2019 2359Z

!ILG 04/029 New Castle, Wilmington, DE (KILG) Obstruction crane light (Aeronautical Study Number 2018-AEA-19,300 feet-OE) 394119N0754017W (3.0 nautical miles W ILG) 315 feet (240FT above ground level) out of service Apr 06, 2018 2019Z to Feb 12, 2019 2359Z

!MIV 11/178 Bucks, Bridgeton, NJ (K00N) Obstruction tower light (Antenna Structure Registration 1046970) 39° 27' 37.00" North 075° 12' 27.00" West (1.3 nautical miles southwest 00N) 304.8 feet (199.8FT above ground level) out of service Nov 27, 2018 2239Z to Dec 27, 2018 2359Z

!ILG 07/041 New Castle, Wilmington, DE (KILG) Obstruction stack (Aeronautical Study Number unknown) 394341N0753648W (2.0 nautical miles N ILG) unknown (185FT above ground level) not lighted Jul 19, 2018 2200Z to Jul 01, 2019 1800Z

!ILG 12/027 New Castle, Wilmington, DE (KILG) Obstruction tower light (Antenna Structure Registration 1033558) 39° 43' 46.00" North 075° 33' 06.00" West (4.0 nautical miles NE ILG) 307.1 feet (301.2FT above ground level) out of service Dec 13, 2018 1136Z to Dec 28, 2018 1135Z

!MIV 12/062 Spitfire Aerodrome, Pedricktown, NJ (K7N7) Obstruction tower light (Antenna Structure Registration 1032136) 39° 48' 58.20" North 075° 31' 47.20" West (7.7 nautical miles northwest 7N7) 719.2 feet (345.1FT above ground level) out of service Dec 06, 2018 2119Z to Jan 31, 2019 2359Z

!MIV 12/061 Spitfire Aerodrome, Pedricktown, NJ (K7N7) Obstruction tower light (Antenna Structure Registration 1032137) 39° 48' 57.30" North 075° 31' 45.20" West (7.7 nautical miles northwest 7N7) 720.1 feet (347.1FT above ground level) out of service Dec 06, 2018 2118Z to Jan 31, 2019 2359Z

!MIV 12/107 Spitfire Aerodrome, Pedricktown, NJ (K7N7) Obstruction tower light (Antenna Structure Registration 1206729) 39° 41' 43.30" North 075° 17' 53.50" West (5.1 nautical mile east-south-east 7N7) 1,055.8 feet (972.8FT above ground level) out of service Dec 16, 2018 0642Z to Dec 31, 2018 0642Z

!PHL 12/135 Philadelphia International, Philadelphia, PA (KPHL) Obstruction crane (Aeronautical Study Number 2018-AEA-19,000 feet-NRA) 395156N0751421W (0.4 nautical miles S PHL) 140 feet (130FT above ground level) flagged and lighted daily 1000-0100 Dec 14, 2018 1000Z to Jun 30, 2019 0100Z

!LOM 12/005 Wings Field, Philadelphia, PA (KLOM) Obstruction tower light (Antenna Structure Registration 1027110) 40° 02' 30.90" North 075° 14' 21.90" West (5.9 nautical miles south-south-east LOM) 1,311.7 feet (1091.9FT above ground level) out of service Dec 15, 2018 0636Z to Jan 14, 2019 0636Z

!PNE 10/034 Northeast Philadelphia, Philadelphia, PA (KPNE) Obstruction crane (Aeronautical Study Number unknown) 400519N0750224W (0.93 nautical miles N approach end runway 24) 200 feet (167FT above ground level) flagged Oct 09, 2018 1339Z-permanent

!IPT 12/022 Total RF, Bensalem, PA (K00A) Obstruction tower light (Antenna Structure Registration 1239310) 40° 09' 29.30" North 074° 54' 37.60" West (5.4 nautical miles north-

north-east 00A) 315 feet (219.8FT above ground level) out of service Dec 04, 2018 2116Z to Feb 05, 2019 2359Z

!MIV 12/124 Redwing, Jobstown, NJ (K2N6) Obstruction tower light (Antenna Structure Registration 1236089) 40° 04' 32.10" North 074° 35' 24.20" West (5.5 nautical miles east-north-east 2N6) 349.7 feet (174.9FT above ground level) out of service Dec 18, 2018 2002Z to Jan 04, 2019 2359Z

!TTN 12/037 Trenton Mercer, Trenton, NJ (KTTN) Obstruction crane (Aeronautical Study Number 2017-AEA-4592-OE) 401518N0745115W (2.3 nautical miles southwest TTN) 326 feet (250FT above ground level) flagged and lighted Dec 04, 2018 2226Z to Mar 05, 2019 2200Z

!TTN 12/042 Trenton Mercer, Trenton, NJ (KTTN) Obstruction crane (Aeronautical Study Number 2017-AEA-4591-OE) 401522N0745106W (2.1 nautical mile southwest TTN) 307 feet (250FT above ground level) flagged and lighted Dec 04, 2018 2230Z to Mar 05, 2019 2200Z

!TTN 12/043 Trenton Mercer, Trenton, NJ (KTTN) Obstruction crane (Aeronautical Study Number 2017-AEA-4610-OE) 401526N0745059W (2.0 nautical miles southwest TTN) 307 feet (250FT above ground level) flagged and lighted Dec 04, 2018 2230Z to Mar 05, 2019 2200Z

!TTN 12/031 Trenton Mercer, Trenton, NJ (KTTN) Obstruction crane (Aeronautical Study Number 2017-AEA-4614-OE) 401527N0745056W (2.0 nautical miles southwest TTN) 336 feet (300FT above ground level) flagged and lighted Dec 04, 2018 2222Z to Mar 05, 2019 2200Z

!TTN 12/034 Trenton Mercer, Trenton, NJ (KTTN) Obstruction crane (Aeronautical Study Number 2017-AEA-4661-OE) 401528N0745057W (2.0 nautical miles southwest TTN) 336 feet (300FT above ground level) flagged and lighted Dec 04, 2018 2224Z to Mar 05, 2019 2200Z

!TTN 12/032 Trenton Mercer, Trenton, NJ (KTTN) Obstruction crane (Aeronautical Study Number 2017-AEA-4617-OE) 401529N0745053W (2.0 nautical miles southwest TTN) 336 feet (300FT above ground level) flagged and lighted Dec 04, 2018 2223Z to Mar 05, 2019 2200Z

!TTN 12/035 Trenton Mercer, Trenton, NJ (KTTN) Obstruction crane (Aeronautical Study Number 2017-AEA-4662-OE) 401530N0745055W (2.0 nautical miles southwest TTN) 342 feet (300FT above ground level) flagged and lighted Dec 04, 2018 2225Z to Mar 05, 2019 2200Z

!TTN 12/106 Trenton Mercer, Trenton, NJ (KTTN) Obstruction tower light (Antenna Structure Registration 1045252) 40° 14' 09.20" North 074° 46' 12.10" West (3.1 nautical mile southeast TTN) 367.8 feet (252.0FT above ground level) out of service Dec 17, 2018 1642Z to Jan 01, 2019 1641Z

!TTN 12/033 Trenton Mercer, Trenton, NJ (KTTN) Obstruction crane (Aeronautical Study Number 2017-AEA-4615-OE) 401531N0745051W (1.9 nautical miles southwest TTN) 336 feet (300FT above ground level) flagged and lighted Dec 04, 2018 2224Z to Mar 05, 2019 2200Z

!TTN 12/036 Trenton Mercer, Trenton, NJ (KTTN) Obstruction crane (Aeronautical Study

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Number 2017-AEA-4665-OE) 401535N0745045W (1.8 nautical miles southwest TTN) 273 feet (218FT above ground level) flagged and lighted Dec 04, 2018 2226Z to Mar 05, 2019 2200Z

!TTN 12/041 Trenton Mercer, Trenton, NJ (KTTN) Obstruction crane (Aeronautical Study Number 2017-AEA-2973-OE) 401536N0745043W (1.8 nautical miles southwest TTN) 223 feet (150FT above ground level) flagged and lighted Dec 04, 2018 2229Z to Mar 05, 2019 2200Z

!TTN 12/039 Trenton Mercer, Trenton, NJ (KTTN) Obstruction crane (Aeronautical Study Number 2017-AEA-2974-OE) 401539N0745039W (1.7 nautical miles southwest TTN) 236 feet (150FT above ground level) flagged and lighted Dec 04, 2018 2228Z to Mar 05, 2019 2200Z

!TTN 12/038 Trenton Mercer, Trenton, NJ (KTTN) Obstruction crane (Aeronautical Study Number 2017-AEA-2975-OE) 401541N0745035W (1.7 nautical miles southwest TTN) 242 feet (150FT above ground level) flagged and lighted Dec 04, 2018 2227Z to Mar 05, 2019 2200Z

!TTN 12/040 Trenton Mercer, Trenton, NJ (KTTN) Obstruction crane (Aeronautical Study Number 2017-AEA-4649-OE) 401631N0744949W (0.8 nautical miles W TTN) 359 feet (150FT above ground level) flagged and lighted Dec 04, 2018 2228Z to Mar 05, 2019 2200Z

!TTN 11/115 Trenton Mercer, Trenton, NJ (KTTN) Obstruction tower light (Antenna Structure Registration 1049865) 40° 17' 17.00" North 074° 52' 24.00" West (2.8 nautical miles west-north-west TTN) 362.2 feet (303.1FT above ground level) out of service Nov 20, 2018 1641Z to Dec 31, 2018 2359Z

!TTN 12/004 Trenton Mercer, Trenton, NJ (KTTN) Obstruction tower light (Antenna Structure Registration 1049864) 40° 17' 18.00" North 074° 52' 18.00" West (2.7 nautical miles west-north-west TTN) 362.2 feet (303.1FT above ground level) out of service Dec 01, 2018 0211Z to Dec 31, 2018 2359Z

!TTN 12/107 Trenton Mercer, Trenton, NJ (KTTN) Obstruction tower light (Antenna Structure Registration 1270251) 40° 16' 40.10" North 074° 49' 10.20" West (0.3 nautical miles west-north-west TTN) 265.7 feet (59.1FT above ground level) out of service Dec 18, 2018 1003Z to Jan 18, 2019 2359Z

!MIV 12/120 Old Bridge, Old Bridge, NJ (K3N6) Obstruction tower light (Antenna Structure Registration 1214739) 40° 16' 52.40" North 074° 17' 45.50" West (3.7 nautical miles southeast 3N6) 370.1 feet (240.2FT above ground level) out of service Dec 18, 2018 1521Z to Jan 18, 2019 1530Z

!SMQ 12/001 Somerset, Somerville, NJ (KSMQ) Obstruction tower light (Antenna Structure Registration 1235009) 40° 36' 23.80" North 074° 42' 08.00" West (1.9 nautical miles southwest SMQ) 361.9 feet (153.9FT above ground level) out of service Dec 15, 2018 0438Z to Dec 29, 2018 2200Z

!MIV 12/083 Linden, Linden, NJ (KLDJ) Obstruction tower light (Antenna Structure Registration 1202360) 40° 35' 05.80" North 074° 19' 43.70" West (4.3 nautical miles west-south-

west LDJ) 246.1 feet (136.2FT above ground level) out of service Dec 10, 2018 1724Z to Dec 25, 2018 1723Z

!MIV 11/135 Hackettstown, Hackettstown, NJ (KN05) Obstruction tower light (Antenna Structure Registration unknown) 40° 44' 14.81" North 074° 49' 55.56" West (5.83 nautical miles south-south-east N05) 760.75 feet (167.75 feet above ground level) out of service Nov 19, 2018 2234Z to Feb 17, 2019 2359Z

!MIV 11/175 Linden, Linden, NJ (KLDJ) Obstruction crane (2018-AEA-13496OE) 403705N0741519W (.5 nautical miles N LDJ) 187 feet (155FT above ground level) flagged Nov 28, 2018 1130Z to Feb 01, 2019 2200Z

!IPT 12/101 Vansant, Erwinna, PA (K9N1) Obstruction tower light (Antenna Structure Registration 1044319) 40° 32' 33.40" North 075° 07' 46.60" West (3.8 nautical miles north-north-west 9N1) 884.8 feet (265.1FT above ground level) out of service Dec 14, 2018 2153Z to Mar 14, 2019 0500Z

!MIV 12/096 Princeton, Princeton/Rocky Hill, NJ (K39N) Obstruction tower light (Aeronautical Study Number 2002-AEA-2927-OE) 402321N0743928W (0.6 nautical miles south of 39° North) 347 feet (173FT above ground level) out of service Dec 14, 2018 0921Z to Dec 29, 2018 2020Z

***** All Airspace NOTAMs *****

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

!ORL 03/016 Executive, Orlando, FL (KORL) Airspace unmanned aircraft system WI an area defined as 2.5 nautical miles radius of the 28th at 2240Z.8N0810440.1W (13NM east-south-east MCO) surface-700 feet above ground level daily sunrise-sunset Mar 14, 2018 1136Z to Mar 14, 2019 2333Z

!OMN 03/003 Ormond Beach Municipal, Ormond Beach, FL (KOMN) Airspace unmanned aircraft system WI an area defined as 5 nautical miles radius of OMN273011 (11NM W OMN) surface-400 feet above ground level Mar 07, 2018 1400Z to Mar 07, 2019 1400Z

!RDU 12/280 Sandhills, Southern Pines, NC (SDZ) Airspace unmanned aircraft system WI an area defined as 5 nautical miles radius of SDZ159011.5 surface-2,000 feet above ground level Dec 14, 2018 2244Z to Dec 23, 2018 0500Z

!RDU 12/281 Sandhills, Southern Pines, NC (SDZ) Airspace unmanned aircraft system WI an area defined as SDZ145016 to SDZ135016 to SDZ130014 to Point of origin surface-2,000 feet above ground level Dec 14, 2018 2245Z to Dec 23, 2018 0500Z

!DCA 12/241 Allen C Perkinson Blackstone A, Blackstone, VA (KBKT) Airspace unmanned aircraft system WI an area defined as 4.2 nautical miles radius of BKT surface-2,500 feet above ground level Dec 13, 2018 1318Z to Feb 13, 2019 2359Z

!DCA 01/367 St. Mary'S County Regional, Leonardtown, MD (K2W6) Airspace see Flight Data Center (FDC) 1/1155 Washington Center (ZDC) flight restrictions Temporary Flight Restriction Jan 18, 2018 1532Z-permanent

!DCA 01/369 Cambridge-Dorchester Regional, Cambridge, MD (KCGE) Airspace see Flight Data Center (FDC) 1/1155 Washington Center (ZDC) flight restrictions Temporary Flight Restriction Jan 18, 2018 1534Z-permanent

!DCA 03/340 Kentmorr Airpark, Stevensville, MD (K3W3) Airspace see Flight Data Center (FDC) 8/3032 Washington Center (ZDC) special security instructions Mar 28, 2018 0401Z-permanent

!DCA 01/381 Kentmorr Airpark, Stevensville, MD (K3W3) Airspace see Flight Data Center (FDC) 1/1155, 6/1117, 6/7196, 6/7201, 6/7215 Washington Center (ZDC) special security instructions Jan 18, 2018 1548Z-permanent

!ESN 01/004 Easton/Newnam Field, Easton, MD (KESN) Airspace see Flight Data Center (FDC) 1/1155 Washington Center (ZDC) flight restrictions Temporary Flight Restriction Jan 18, 2018 1540Z-permanent

!W29 01/004 Bay Bridge, Stevensville, MD (KW29) Airspace see Flight Data Center (FDC) 1/1155 Washington Center (ZDC) flight restrictions Temporary Flight Restriction Jan 18, 2018 1541Z-permanent

!DCA 01/370 Ridgely Airpark, Ridgely, MD (KRJD) Airspace see Flight Data Center (FDC) 1/1155 Washington Center (ZDC) flight restrictions Temporary Flight Restriction Jan 18, 2018 1535Z-permanent

!ILG 12/050 New Castle, Wilmington, DE (KILG) Airspace unmanned aircraft system WI an area defined as .5 nautical miles radius of DQO282002.1 (2NM W ILG) surface-300 feet above ground level Dec 22, 2018 1300Z to Dec 23, 2018 0300Z

!CARF 12/172 KZNY Airspace DCC duke EXTENTION stationary altitude reservation WI an area defined as 42° 03' North 078° 29' West to 41° 54' North 077° 24' West to 41° 20' North 077° 48' West to 41° 23' North 078° 36' West to Point of origin. 500 feet-7,900 feet Dec 21, 2018 1845Z to Dec 21, 2018 2015Z

!CARF 12/161 KZNY Airspace DCC duke EXTENTION stationary altitude reservation WI an area defined as 42° 03' North 078° 29' West to 41° 54' North 077° 24' West to 41° 20' North 077° 48' West to 41° 23' North 078° 36' West to Point of origin. 500 feet-7,900 feet Dec 20, 2018 2245Z to Dec 21, 2018 0015Z

!CARF 12/159 KZNY Airspace DCC duke EXTENTION stationary altitude reservation WI an area defined as 42° 03' North 078° 29' West to 41° 54' North 077° 24' West to 41° 20' North 077° 48' West to 41° 23' North 078° 36' West to Point of origin. 500 feet-7,900 feet Dec 20, 2018 1845Z to Dec 20, 2018 2015Z

Third Party Protected Information For Official Use Only

***** All Special Use Airspace NOTAMs *****

!SUA 12/725 KZJX Airspace AR207NE(N) active flight level 260 to 280 Dec 20, 2018 1700Z to Dec 20, 2018 1830Z

!SUA 12/724 KZDC Airspace AR207NE(N) active flight level 260 to 280 Dec 20, 2018 1700Z to Dec 20, 2018 1830Z

!SUA 12/694 KZDC Airspace R6602A active surface-3,999 feet Dec 21, 2018 0500Z to Dec 22, 2018 0459Z

!SUA 12/593 KZDC Airspace R6602A active surface-3,999 feet Dec 20, 2018 0500Z to Dec 21, 2018 0459Z

!SUA 12/692 KZDC Airspace R6602B active 4,000 feet-10,999 feet Dec 21, 2018 0500Z to Dec 22, 2018 0459Z

!SUA 12/590 KZDC Airspace R6602B active 4,000 feet-10,999 feet Dec 20, 2018 0500Z to Dec 21, 2018 0459Z

!SUA 12/567 KZNY Airspace R5002A active surface-13,999 feet Dec 20, 2018 2137Z to Dec 21, 2018 0001Z

!SUA 12/566 KZNY Airspace R5002C active surface-3,000 feet Dec 20, 2018 2137Z to Dec 21, 2018 0001Z

!SUA 12/565 KZNY Airspace R5002D active surface-4,000 feet Dec 20, 2018 2136Z to Dec 21, 2018 0001Z

***** 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 12/730 KZMA Airspace W497A active surface-5,000 feet Dec 21, 2018 1154Z to Dec 21, 2018 1454Z

!SUA 12/684 KZMA Airspace W497A active surface-5,000 feet Dec 20, 2018 1158Z to Dec 20, 2018 1454Z

!SUA 12/674 KZMA Airspace W497B active surface to flight level 500 Dec 20, 2018 1230Z to Dec 20, 2018 2300Z

!SUA 12/673 KZMA Airspace W497A active surface to flight level 500 Dec 20, 2018 1230Z to Dec 20, 2018 2300Z

!SUA 12/669 KZMA Airspace W168 active surface to flight level 500 Dec 20, 2018 1200Z to Dec 20, 2018 2100Z

!SUA 12/649 KZJX Airspace W470F active surface to flight level 700 Dec 20, 2018 1500Z to Dec 20, 2018 1600Z

!SUA 12/646 KZJX Airspace W151E active surface to flight level 600 Dec 20, 2018 1400Z to Dec 21, 2018 0130Z

!SUA 12/645 KZJX Airspace W151A active surface to flight level 600 Dec 20, 2018 1400Z to Dec 20, 2018 1759Z

!SUA 12/644 KZJX Airspace W151F active surface to flight level 600 Dec 20, 2018 1400Z to Dec 21, 2018 0130Z

!SUA 07/401 KZDC Airspace W107C active surface UP to but not including flight level 180 Aug 01, 2018 0000Z to Dec 31, 2018 2359Z

!SUA 07/400 KZDC Airspace W107A active surface-unlimited Aug 01, 2018 0000Z to Dec 31, 2018 2359Z

!SUA 07/399 KZDC Airspace W72B active surface-unlimited Aug 01, 2018 0000Z to Dec 31, 2018 2359Z

!SUA 07/398 KZDC Airspace W72A active surface-unlimited Aug 01, 2018 0000Z to Dec 31, 2018 2359Z

!SUA 07/397 KZDC Airspace W50B active surface to flight level 750 Aug 01, 2018 0000Z to Dec 31, 2018 2359Z

!SUA 07/396 KZDC Airspace W50A active surface to flight level 750 Aug 01, 2018 0000Z to Dec 31, 2018 2359Z

!SUA 07/395 KZDC Airspace W386 active surface-unlimited Aug 01, 2018 0000Z to Dec 31, 2018 2359Z

!SUA 07/394 KZDC Airspace W50C active surface to flight level 750 Aug 01, 2018 0000Z to Dec 31, 2018 2359Z

!SUA 07/392 KZDC Airspace W110 active surface to flight level 230 Aug 01, 2018 0000Z to Dec 31, 2018 2359Z

!SUA 07/391 KZDC Airspace W122 active surface-unlimited Aug 01, 2018 0000Z to Dec 31, 2018 2359Z

***** All FDC NOTAMs *****

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

!FDC 8/8756 KISM IAP KISSIMMEE GATEWAY, Orlando, FL. RNAV (GPS) RWY 33, AMDT 2B... LPV DA 442/HAT 360 ALL CATS, VIS 1 1/4. LNAV/VNAV DA 427/HAT 345, VIS 1 1/8 ALL CATS. LNAV MDA 520/HAT 438 ALL CATS, VIS CATS C/D 1 3/8. TEMPORARY CRANE 215 MSL 2697 FT SE OF RWY 33 (2018-ASO-25908-OE). 11 DEC 14:40 2018 UNTIL 15 APR 14:40 2019 ESTIMATED. CREATED: 11 DEC 14:40 2018

!FDC 8/8755 KISM ODP KISSIMMEE GATEWAY, Orlando, FL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG... TAKEOFF OBSTACLE NOTES: RWY 15, TEMPORARY CRANE 2624 FT FROM DER, 625 FT LEFT OF CENTERLINE, 150 FT AGL/215 FT MSL (2018-ASO-25908-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 11 DEC 14:40 2018 UNTIL 15 APR 14:40 2019 ESTIMATED. CREATED: 11 DEC 14:40 2018

!FDC 8/7557 KISM IAP KISSIMMEE GATEWAY, ORLANDO, FL. PIGLT FIVE ARRIVAL (RNAV) ... ARRIVAL ROUTE DESCRIPTION: OCALA TRANSITION, VALDOSTA TRANSITION LOST COMMUNICATIONS: NORTH OPERATION: CONTINUE TRACK TO JAFAR, TRACK TO WAVIN, THEN TURN LEFT TO INTERCEPT THE RWY 36L FINAL APPROACH COURSE. (CONDUCT APPROACH.). 13 SEP 09:01 2018 UNTIL PERM. CREATED: 11 SEP 16:19 2018

!FDC 8/7555 KISM IAP KISSIMMEE GATEWAY, ORLANDO, FL. BUGGZ THREE ARRIVAL (RNAV)... ARRIVAL ROUTE DESCRIPTION: EMPEE TRANSITION, SEMP TRANSITION: LOST COMMUNICATIONS: KMCO LANDING NORTH: CONTINUE TRACK TO WAVIN, THEN TURN LEFT TO INTERCEPT THE RWY 36R FINAL APPROACH COURSE. (CONDUCT APPROACH). 13 SEP 09:01 2018 UNTIL PERM. CREATED: 11 SEP 16:18 2018

!FDC 8/7554 KMCO IAP ORLANDO INTL, ORLANDO, FL. BUGGZ THREE ARRIVAL (RNAV)... ARRIVAL ROUTE DESCRIPTION: EMPEE TRANSITION, SEMP TRANSITION: LOST COMMUNICATIONS: KMCO LANDING NORTH: CONTINUE TRACK TO WAVIN, THEN TURN LEFT TO INTERCEPT THE RWY 36R FINAL APPROACH COURSE. (CONDUCT APPROACH). 13 SEP 09:01 2018 UNTIL PERM. CREATED: 11 SEP 16:18 2018

!FDC 8/7553 KMCO IAP ORLANDO INTL, ORLANDO, FL. PIGLT FIVE ARRIVAL (RNAV) ... ARRIVAL ROUTE DESCRIPTION: OCALA TRANSITION, VALDOSTA TRANSITION LOST COMMUNICATIONS: NORTH OPERATION: CONTINUE TRACK TO JAFAR, TRACK TO WAVIN, THEN TURN LEFT TO INTERCEPT THE RWY 36L FINAL APPROACH COURSE. (CONDUCT APPROACH). 13 SEP 09:01 2018 UNTIL PERM. CREATED: 11 SEP 16:18 2018

!FDC 8/5371 KMCO IAP ORLANDO INTL, Orlando, FL. RNAV (GPS) RWY 35L, AMDT 1A... LNAV MDA 680/HAT 592 ALL CATS. VIS CATS C/D 1 1/4. DISREGARD LNAV ONLY AMICI AND ALTITUDE 540. DISREGARD INOP TABLE NOTE. TEMP CRANES 372 MSL 3713 FT SE OF RWY 36R THRU 1 NM NE OF RWY 36R (2014-ASO-3057/58/59/60-NRA). 29 MAY 18:25 2018 UNTIL 08 JAN 18:25 2019 ESTIMATED. CREATED: 29 MAY 18:26 2018

!FDC 8/4946 KMCO IAP ORLANDO INTL, Orlando, FL. RNAV (GPS) RWY 36L, AMDT 2... LNAV/VNAV DA 536/HAT 443, VIS 1 1/2 ALL CATS. LNAV MDA 580/HAT 487 ALL CATS. VIS CATS C/D 1 3/8. VDP 1.32 NM TO RWY 36L. TEMP CRANES 372 MSL 3713 FT SE OF RWY 36R THRU 1 NM NE OF RWY 36R (2014-ASO-3057/58/59/60-NRA). 03 OCT 18:35 2018 UNTIL 15 MAY 18:35 2019 ESTIMATED. CREATED: 03 OCT 18:35 2018

!FDC 8/4945 KMCO IAP ORLANDO INTL, Orlando, FL. RNAV (GPS) RWY 36R, AMDT 2... LNAV/VNAV DA 583/HAT 491, VIS 1 1/8 ALL CATS. LNAV MDA 680/HAT 588 ALL CATS. VIS CATS A/B 1, CATS C/D 1 1/4. VDP 1.62 NM TO RWY 36R. TEMP CRANES 372 MSL 3713 FT SE OF RWY 36R THRU 1 NM NE OF RWY 36R (2014-ASO-3057/58/59/60-NRA). 03 OCT 18:35 2018 UNTIL 15 MAY 18:35 2019 ESTIMATED. CREATED: 03 OCT 18:35 2018

!FDC 8/8075 KORL IAP EXECUTIVE, Orlando, FL. ILS OR LOC RWY 25, AMDT 1A... S-LOC MDA 500/HAT 387 ALL CATS, VIS CATS C/D 1 1/8. THIS IS ILS OR LOC RWY 25, AMDT 1B. 22 OCT 14:56 2018 UNTIL PERM. CREATED: 22 OCT 14:56 2018

!FDC 8/8069 KORL IAP EXECUTIVE, Orlando, FL. RNAV (GPS) RWY 25, AMDT 3A... LNAV/VNAV DA 390/HAT 277 ALL CATS. THIS IS RNAV (GPS) RWY 25, AMDT 3B. 22 OCT 14:54 2018 UNTIL PERM. CREATED: 22 OCT 14:54 2018

!FDC 8/7523 KORL IAP EXECUTIVE, ORLANDO, FL. PIGLT FIVE ARRIVAL (RNAV) ... ARRIVAL ROUTE DESCRIPTION: OCALA TRANSITION, VALDOSTA TRANSITION LOST COMMUNICATIONS: NORTH OPERATION: CONTINUE TRACK TO JAFAR, TRACK TO WAVIN, THEN TURN LEFT TO INTERCEPT THE RWY 36L FINAL APPROACH COURSE. (CONDUCT APPROACH.). 13 SEP 09:01 2018 UNTIL PERM. CREATED: 11 SEP 15:55 2018

!FDC 8/7521 KORL IAP EXECUTIVE, ORLANDO, FL. BUGGZ THREE ARRIVAL (RNAV)... ARRIVAL ROUTE DESCRIPTION: EMPEE TRANSITION, SHEMP TRANSITION: LOST COMMUNICATIONS: KMCO LANDING NORTH: CONTINUE

TRACK TO WAVIN, THEN TURN LEFT TO INTERCEPT THE RWY 36R FINAL APPROACH COURSE. (CONDUCT APPROACH). 13 SEP 09:01 2018 UNTIL PERM. CREATED: 11 SEP 15:51 2018

!FDC 8/7086 KORL ODP EXECUTIVE, Orlando, FL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 4... TAKEOFF MINIMUMS: RWY 25, 400-2 3/4 OR STANDARD WITH MINIMUM CLIMB OF 245 FT PER NM TO 700. TAKEOFF OBSTACLE NOTES: RWY 25, TEMP CRANE 2.12 NM FROM DER, 3945 FT RIGHT OF CENTERLINE, 392 FT AGL/501 FT MSL (2017-ASO-25781-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 01 NOV 15:48 2018 UNTIL 13 JUN 15:48 2019 ESTIMATED. CREATED: 01 NOV 15:49 2018

!FDC 8/6309 KORL IAP EXECUTIVE, Orlando, FL. ILS OR LOC RWY 7, AMDT 24A... S-ILS 7 DA 391/HAT 282 ALL CATS, VISIBILITY ALL CATS RVR 4000. S-LOC 7 VISIBILITY CAT A/B RVR 4000. NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS ALL CATS VISIBILITY TO RVR 4500 AND S-LOC 7 CAT A/B VISIBILITY TO RVR 5500. DELETE NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA. 34:1 IS NOT CLEAR. NOTE: RWY 7 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 23 AUG 19:20 2018 UNTIL 04 APR 19:20 2019 ESTIMATED. CREATED: 23 AUG 19:20 2018

!FDC 8/6307 KORL IAP EXECUTIVE, Orlando, FL. ILS OR LOC RWY 25, AMDT 1A... S-LOC 25 MDA 500/HAT 387 ALL CATS, VISIBILITY CAT C/D 1-1/8. 23 AUG 19:17 2018 UNTIL 04 APR 19:17 2019 ESTIMATED. CREATED: 23 AUG 19:18 2018

!FDC 8/6306 KORL IAP EXECUTIVE, Orlando, FL. RNAV (GPS) RWY 25, AMDT 3A... LNAV/VNAV DA 393/HAT 280 ALL CATS. 23 AUG 19:16 2018 UNTIL 04 APR 19:16 2019 ESTIMATED. CREATED: 23 AUG 19:17 2018

!FDC 8/6305 KORL IAP EXECUTIVE, Orlando, FL. RNAV (GPS) RWY 7, AMDT 2B... LPV DA 391/HAT 282 ALL CATS, VISIBILITY RVR 4000. LNAV/VNAV VISIBILITY RVR 4000. LNAV VISIBILITY CAT A/B RVR 4000. NOTE: RWY 7 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 34:1 IS NOT CLEAR. NOTE: FOR INOPERATIVE ALS, INCREASE LPV ALL CATS VISIBILITY TO RVR 4500, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 5000, INCREASE LNAV CAT A/B VISIBILITY TO RVR 5500, AND CAT C/D TO 1-3/4 SM. DISREGARD NOTE: FOR INOP ALS, INCREASE LNAV CAT C/D VISIBILITY TO 1-3/4 SM. DISREGARD NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA. DISTANCE TO THLD FROM 282 HAT: 0.73NM. 23 AUG 19:16 2018 UNTIL 04 APR 19:16 2019 ESTIMATED. CREATED: 23 AUG 19:16 2018

!FDC 8/3558 KSFB IAP ORLANDO SANFORD INTL, Orlando, FL. ILS OR LOC RWY 9R, AMDT 1A... DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, MLB VOR/DME OUT OF SERVICE. 20 DEC 06:15 2018 UNTIL 19 JAN 06:15 2019 ESTIMATED. CREATED: 20 DEC 06:15 2018

!FDC 8/3077 KX23 IAP UMATILLA MUNI, Umatilla, FL. RNAV (GPS) RWY 19, ORIG-B... LP MDA NA. LNAV MDA NA. 28 NOV 20:12 2018 UNTIL 28 NOV 20:11 2020 ESTIMATED. CREATED: 28 NOV 20:12 2018

!FDC 8/3075 KX23 IAP UMATILLA MUNI, Umatilla, FL. RNAV (GPS) RWY 1, ORIG-B... LNAV MDA NA. 28 NOV 20:08 2018 UNTIL 28 NOV 20:08 2020 ESTIMATED. CREATED: 28 NOV 20:08 2018

!FDC 8/1096 KX50 IAP MASSEY RANCH AIRPARK, New Smyrna Beach, FL. RNAV (GPS) RWY 36, ORIG... LNAV MINIMUMS: NA. 10 JUL 14:29 2018 UNTIL 28 FEB 14:29 2019 ESTIMATED. CREATED: 10 JUL 14:30 2018

!FDC 8/1086 KX50 IAP MASSEY RANCH AIRPARK, New Smyrna Beach, FL. RNAV (GPS) RWY 18, ORIG... LP MINIMUMS: NA. LNAV MINIMUMS: NA. 10 JUL 14:21 2018 UNTIL 19 FEB 14:21 2019 ESTIMATED. CREATED: 10 JUL 14:22 2018

!FDC 8/2825 KDED IAP DELAND MUNI-SIDNEY H TAYLOR FIELD, Deland, FL. VOR/DME RWY 23, ORIG-A... PROCEDURE NA. 04 SEP 18:33 2018 UNTIL 16 APR 18:33 2019 ESTIMATED. CREATED: 04 SEP 18:33 2018

!FDC 8/8875 KEVB IAP NEW SMYRNA BEACH MUNI, New Smyrna Beach, FL. RNAV (GPS) RWY 2, ORIG-A... LPV NA. PROCEDURE NA AT NIGHT. WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DAYTONA BEACH ALTIMETER SETTING. DISREGARD NOTE: NIGHT LANDING: RWY 2 CATS C AND D, 7, 11, 25 NA. DISREGARD NOTE: USE DAYTONA BEACH INTL ALTIMETER SETTING; IF NOT RECEIVED, USE ORLANDO SANFORD INTL ALTIMETER SETTING AND INCREASE DA TO 370 FEET AND ALL MDAS 40 FEET. RWY 2 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. NEW SMYRNA BEACH AWOS 3 124.625. 19 NOV 12:50 2018 UNTIL 19 NOV 12:41 2020 ESTIMATED. CREATED: 19 NOV 12:51 2018

!FDC 8/1958 KEVB IAP NEW SMYRNA BEACH MUNI, New Smyrna Beach, FL. RNAV (GPS) RWY 7, ORIG-A... LNAV MDA 520/HAT 511 ALL CATS, VIS CAT C 1 1/2. CIRCLING CATS A/B MDA 560/HAA 550. WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DAYTONA BEACH ALTIMETER SETTING. RWY 7 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CIRCLING RWY 2, 11, 20 NA AT NIGHT. DISREGARD NOTE: USE DAYTONA BEACH INTL ALTIMETER SETTING; IF NOT RECEIVED, USE ORLANDO SANFORD INTL ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. DISREGARD NOTE: NIGHT LANDING: RWY 7, 11, 25 NA. NEW SMYRNA BEACH AWOS?3 124.625. TOWER 184FT MSL 179FT AGL 1391FT S OF APCH END RWY 07. 23 JUL 20:05 2018 UNTIL 04 MAR 20:05 2019 ESTIMATED. CREATED: 23 JUL 20:09 2018

!FDC 8/1956 KEVB IAP NEW SMYRNA BEACH MUNI, New Smyrna Beach, FL. RNAV (GPS) RWY 25, ORIG-A... LNAV MDA 460/HAT ALL CATS, VIS CAT C 1 3/8. CIRCLING

CATS A/B MDA 560/HAA 550. WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DAYTONA BEACH ALTIMETER SETTING. RWY 25 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CIRCLING RWY 2, 11, 20 NA AT NIGHT. DISREGARD NOTE: USE DAYTONA BEACH INTL ALTIMETER SETTING; IF NOT RECEIVED, USE ORLANDO SANFORD INTL ALTIMETER SETTING AND INCREASE DA TO 337 FEET AND ALL MDAS 40 FEET. DISREGARD NOTE: NIGHT LANDING: RWY 7, 11, 25 NA. TOWER 184FT MSL 179FT AGL 1391FT S OF APCH END RWY 07. 23 JUL 20:05 2018 UNTIL 04 MAR 20:05 2019 ESTIMATED. CREATED: 23 JUL 20:09 2018

!FDC 8/1952 KEVB IAP NEW SMYRNA BEACH MUNI, New Smyrna Beach, FL. RNAV (GPS) RWY 29, ORIG-A... LNAV MDA 400/HAT 390, VIS CAT C 1 1/8. CIRCLING CATS A/B MDA 560/HAA 550. WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DAYTONA BEACH ALTIMETER SETTING. RWY 29 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CIRCLING RWY 2, 11, 20 NA AT NIGHT. DISREGARD NOTE: USE DAYTONA BEACH INTL ALTIMETER SETTING; IF NOT RECEIVED, USE ORLANDO SANFORD INTL ALTIMETER SETTING AND INCREASE DA TO 342 FEET AND ALL MDAS 40 FEET. DISREGARD NOTE: NIGHT LANDING: RWY 29 CATS C AND D, 7, 11, 25 NA. TOWER 184FT MSL 179FT AGL 1391FT S OF APCH END RWY 07. 23 JUL 20:05 2018 UNTIL 04 MAR 20:05 2019 ESTIMATED. CREATED: 23 JUL 20:09 2018

!FDC 8/3036 7FL6 SPECIAL SPRUCE CREEK, Daytona Beach, FL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG ... DEPARTURE PROCEDURE N/A PROCEDURE HAS BEEN SUPERSEDED BY (SPECIAL) TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE, AMDT 1. 08 NOV 16:21 2018 UNTIL 10 JUN 16:18 2019 ESTIMATED. CREATED: 08 NOV 16:22 2018

!FDC 8/3018 7FL6 SPECIAL SPRUCE CREEK, Daytona Beach, FL. (SPECIAL) RNAV (GPS) RWY 05, AMDT 1 ... N/A. PROCEDURE HAS BEEN SUPERSEDED BY (SPECIAL) RNAV (GPS) RWY 6, AMDT 2. 08 NOV 16:15 2018 UNTIL 10 JUN 16:14 2019 ESTIMATED. CREATED: 08 NOV 16:16 2018

!FDC 8/6616 KDAB IAP DAYTONA BEACH INTL, Daytona Beach, FL. ILS OR LOC RWY 7L, AMDT 32... CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 535 MSL. 05 OCT 14:09 2018 UNTIL 17 MAY 14:09 2019 ESTIMATED. CREATED: 05 OCT 14:09 2018

!FDC 8/6099 KDAB IAP DAYTONA BEACH INTL, Daytona Beach, FL. ILS OR LOC RWY 7L, AMDT 32... CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 535. THIS IS ILS OR LOC RWY 7L, AMDT 32A. 04 OCT 18:20 2018 UNTIL PERM. CREATED: 04 OCT 18:21 2018

!FDC 8/4910 KDAB IAP DAYTONA BEACH INTL, Daytona Beach, FL. VOR RWY 16, AMDT 18C... PROCEDURE NA. 13 NOV 13:12 2018 UNTIL 13 NOV 12:48 2020 ESTIMATED. CREATED: 13 NOV 13:13 2018

!FDC 8/2968 KDAB IAP DAYTONA BEACH INTL, Daytona Beach, FL. RNAV (GPS) RWY 7L, AMDT 1B... LNAV MDA 480/HAT 450 ALL CATS, VIS CATS C/D RVR 5000. TEMP CRANES 230 MSL 2522 FT S OF RWY 7L (2018-ASO-12063/65/66/67/68/69/70-OE). 02 OCT 16:46 2018 UNTIL 14 MAY 16:46 2019 ESTIMATED. CREATED: 02 OCT 16:46 2018

!FDC 8/2966 KDAB IAP DAYTONA BEACH INTL, Daytona Beach, FL. ILS OR LOC RWY 7L, AMDT 32... ZOPRI FIX MINIMUMS (DUAL VOR RECEIVERS REQUIRED) S-LOC 07L MDA 440/HAT 410 ALL CATS. TEMP CRANES 230 MSL 2522 FT S OF RWY 7L (2018-ASO-12063/65/66/67/68/69/70-OE). 02 OCT 16:46 2018 UNTIL 14 MAY 16:46 2019 ESTIMATED. CREATED: 02 OCT 16:46 2018

!FDC 8/2703 KDAB SID DAYTONA BEACH INTL, Daytona Beach, FL. LAMMA SEVEN DEPARTURE... ROYES SEVEN DEPARTURE... TAKEOFF MINIMUMS: RWY 25R: 300-1. TAKEOFF OBSTACLE NOTES: RWY 25R: TEMP CRANES BEGINNING 1913 FT FROM DER, 560 FT RIGHT OF CENTERLINE, UP TO 165 FT AGL/195 FT MSL (2015-ASO-12633/12634/12635/12636/12637/12638/12643-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 20 AUG 18:29 2018 UNTIL 01 APR 18:29 2019 ESTIMATED. CREATED: 20 AUG 18:29 2018

!FDC 8/2702 KDAB ODP DAYTONA BEACH INTL, Daytona Beach, FL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT ... TAKEOFF MINIMUMS: RWY 25R, 300-1. NOTE: RWY 25R, TEMP CRANES BEGINNING 1913 FT FROM DER, 560 FT RIGHT OF CENTERLINE, UP TO 165 FT AGL/195 FT MSL (2015-ASO-12633/12634/12635/12636/12637/12638/12643-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 20 AUG 18:29 2018 UNTIL 01 APR 18:29 2019 ESTIMATED. CREATED: 20 AUG 18:29 2018

!FDC 8/9030 KOMN ODP ORMOND BEACH MUNI, Ormond Beach, FL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG... TAKEOFF MINIMUMS: RWY 8, STANDARD WITH MINIMUM CLIMB OF 235 FT PER NM TO 300, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1900 FT PRIOR TO DER. 05 NOV 18:39 2018 UNTIL 10 JAN 18:39 2019 ESTIMATED. CREATED: 05 NOV 18:39 2018

!FDC 8/2827 KOMN IAP ORMOND BEACH MUNI, Ormond Beach, FL. VOR RWY 17, AMDT 2B... PROCEDURE NA. 04 SEP 18:35 2018 UNTIL 16 APR 18:35 2019 ESTIMATED. CREATED: 04 SEP 18:35 2018

!FDC 8/5417 KFIN IAP FLAGLER EXECUTIVE, Palm Coast, FL. RNAV (GPS) RWY 29, AMDT 1... DISREGARD NOTE: CIRCLING RWY AT NIGHT, OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD. 13 NOV 20:17 2018 UNTIL 25 JUN 20:17 2019 ESTIMATED. CREATED: 13 NOV 20:19 2018

!FDC 8/5234 KFIN IAP FLAGLER EXECUTIVE, Palm Coast, FL. RNAV (GPS) RWY 11,

AMDT 2... DISREGARD NOTE: CIRCLING RWY AT NIGHT, OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD. 13 NOV 18:17 2018 UNTIL 13 NOV 18:13 2020 ESTIMATED. CREATED: 13 NOV 18:18 2018

!FDC 8/2922 30FL IAP COLUMBIA PUTNAM COMMUNITY HOSPITAL, PALATKA, FL COPTER RNAV (GPS) 277 ORIG... LPV DA NA LNAV MDA 640 / HAS 471. 27 JUN 11:15 2018 UNTIL 10 FEB 23:59 2019. CREATED: 27 JUN 11:00 2018

!FDC 8/1653 K28J IAP PALATKA MUNI - LT KAY LARKIN FIELD, Palatka, FL. RNAV (GPS) RWY 9, ORIG-B... DELETE NOTE: DME/DME RNP-0.3 NA. DELETE NOTE: PROCEDURE NA AT NIGHT. DELETE NOTE: RWY 9, 27 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. PBN REQUIREMENTS NOTE: RNP APCH. CHART NOTE: RWY 9 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART NOTE: CIRCLING RWY 17, 35 NA AT NIGHT. THIS IS RNAV (GPS) RWY 9, ORIG-C. 01 OCT 14:57 2018 UNTIL PERM. CREATED: 01 OCT 14:58 2018

!FDC 8/1650 K28J IAP PALATKA MUNI - LT KAY LARKIN FIELD, Palatka, FL. RNAV (GPS) RWY 27, ORIG-A... DELETE NOTE: DME/DME RNP-0.3. DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. DELETE NOTE: PROCEDURE NA AT NIGHT. PBN REQUIREMENTS NOTE: RNP APCH. CHART NOTE: RWY 27 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART NOTE: CIRCLING RWY 17, 35 NA AT NIGHT. THIS IS RNAV (GPS) RWY 27, ORIG-B. 01 OCT 14:57 2018 UNTIL PERM. CREATED: 01 OCT 14:57 2018

!FDC 8/7015 KSGJ IAP NORTHEAST FLORIDA RGNL, St Augustine, FL. ILS OR LOC RWY 31, AMDT 1... RNAV (GPS) RWY 31, AMDT 2... CIRCLING CAT C MDA 680/HAA 670. 13 AUG 12:42 2018 UNTIL 25 MAR 12:41 2019 ESTIMATED. CREATED: 13 AUG 12:42 2018

!FDC 8/6680 KFHB IAP FERNANDINA BEACH MUNI, Fernandina Beach, FL. RNAV (GPS) RWY 22, AMDT 1C... DISREGARD NOTE: STRAIGHT-IN RWY 22 NA AT NIGHT, CIRCLING RWY 9, 13, 22, 27 NA AT NIGHT. NOTE STRAIGHT-IN RWY 22 NA AT NIGHT, CIRCLING RWY 9, 22, 27 NA AT NIGHT. 24 AUG 11:14 2018 UNTIL 05 APR 11:14 2019 ESTIMATED. CREATED: 24 AUG 11:15 2018

!FDC 8/2454 KFHB IAP FERNANDINA BEACH MUNI, Fernandina Beach, FL. RNAV (GPS) RWY 13, AMDT 2B... DISREGARD NOTE: STRAIGHT-IN RWY 13 NA AT NIGHT. DISREGARD NOTE: CIRCLING RWY 9, 13, 22, 27 NA AT NIIGHT. NOTE: CIRCLING RWY 9, 22, 27 NA AT NIGHT. 20 AUG 14:31 2018 UNTIL 01 APR 14:31 2019 ESTIMATED. CREATED: 20 AUG 14:31 2018

!FDC 8/5723 KHXD IAP HILTON HEAD, Hilton Head Island, SC. LOC RWY 21, AMDT 6... PROCEDURE NA. 01 JUL 12:35 2018 UNTIL 10 FEB 12:35 2019 ESTIMATED. CREATED: 01 JUL 12:35 2018

!FDC 8/2394 KCHS SID CHARLESTON AFB/INTL, CHARLESTON, SC. MLTRE TWO

DEPARTURE (RNAV)... TAKEOFF RWYS 3, 33: GPS REQUIRED, FLO VORTAC OUT OF SERVICE. 18 DEC 15:25 2018 UNTIL 18 JAN 15:25 2019 ESTIMATED. CREATED: 18 DEC 15:25 2018

!FDC 8/2381 KCHS SID CHARLESTON AFB/INTL, CHARLESTON, SC. PLMTO TWO DEPARTURE (RNAV)... BARTL TRANSITION, WILMINGTON TRANSITION, GPS REQUIRED, FLO VORTAC OUT OF SERVICE. 18 DEC 15:13 2018 UNTIL 18 JAN 15:13 2019 ESTIMATED. CREATED: 18 DEC 15:13 2018

!FDC 8/9183 KMNI IAP SANTEE COOPER RGNL, Manning, SC. NDB OR GPS RWY 2, AMDT 2... VOR/DME OR GPS-A, AMDT 4... NOTE: PROCEDURE NA AT NIGHT. 20 NOV 14:41 2018 UNTIL 20 NOV 14:40 2020 ESTIMATED. CREATED: 20 NOV 14:41 2018

!FDC 8/5339 KMNI IAP SANTEE COOPER RGNL, Manning, SC. VOR/DME OR GPS-A, AMDT 4... VOR PORTION NA. 17 OCT 13:28 2018 UNTIL 29 MAY 13:28 2019 ESTIMATED. CREATED: 17 OCT 13:29 2018

!FDC 8/4879 KMNI IAP SANTEE COOPER RGNL, Manning, SC. NDB OR GPS RWY 2, AMDT 2... RADAR REQUIRED FOR PROCEDURE ENTRY EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 26 JUL 17:11 2018 UNTIL 07 MAR 17:11 2019 ESTIMATED. CREATED: 26 JUL 17:11 2018

!FDC 8/9737 KGGE IAP GEORGETOWN COUNTY, Georgetown, SC. RNAV (GPS) RWY 5, ORIG-A... DELETE NOTE: DME/DME RNP-0.3 NA. PBN REQUIREMENTS NOTE: RNP APCH. DELETE NOTE: CIRCLING RWY 29 NA AT NIGHT. CHART NOTE: CIRCLING RWY 11, 29 NA AT NIGHT. DELETE NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C OR ABOVE 54C. LPV VIS 3/4 ALL CATS. THIS IS RNAV (GPS) RWY 5, ORIG-B. 12 DEC 15:13 2018 UNTIL PERM. CREATED: 12 DEC 15:14 2018

!FDC 8/8983 KGGE IAP GEORGETOWN COUNTY, Georgetown, SC. RNAV (GPS) RWY 23, AMDT 2A... DELETE NOTE: DME/DME RNP-0.3 NA. PBN REQUIREMENTS NOTE: RNP APCH. DELETE NOTE: CIRCLING RWY 29 NA AT NIGHT. CHART NOTE: CIRCLING RWY 11, 29 NA AT NIGHT. DELETE NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C OR ABOVE 54C. THIS IS RNAV (GPS) RWY 23, AMDT 2B. 19 NOV 15:39 2018 UNTIL PERM. CREATED: 19 NOV 15:39 2018

!FDC 8/8980 KGGE IAP GEORGETOWN COUNTY, Georgetown, SC. RNAV (GPS) RWY 5, ORIG-A... DELETE NOTE: DME/DME RNP-0.3 NA. PBN REQUIREMENTS NOTE: RNP APCH. DELETE NOTE: CIRCLING RWY 29 NA AT NIGHT. CHART NOTE: CIRCLING RWY 11, 29 NA AT NIGHT. DELETE NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C OR

ABOVE 54C. THIS IS RNAV (GPS) RWY 5, ORIG-B. 19 NOV 15:34 2018 UNTIL PERM.
CREATED: 19 NOV 15:35 2018

!FDC 8/3369 KGGE IAP GEORGETOWN COUNTY, Georgetown, SC. NDB RWY 5, AMDT 6A... RNAV (GPS) RWY 23, AMDT 2A... RNAV (GPS) RWY 5, ORIG-A... NOTE: CIRCLING RWY 11/29 NA AT NIGHT. DISREGARD NOTE: CIRCLING RWY 29 NA AT NIGHT. 02 OCT 19:19 2018 UNTIL 14 MAY 19:19 2019 ESTIMATED. CREATED: 02 OCT 19:20 2018

!FDC 8/4866 KPHH IAP ROBERT F SWINNIE, Andrews, SC. NDB RWY 36, ORIG-A... RADAR REQUIRED FOR PROCEDURE ENTRY EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 26 JUL 17:06 2018 UNTIL 07 MAR 17:06 2019 ESTIMATED. CREATED: 26 JUL 17:06 2018

!FDC 8/3730 KHYW IAP CONWAY-HORRY COUNTY, Conway, SC. NDB RWY 4, ORIG-C... RNAV (GPS) RWY 22, AMDT 1A... RNAV (GPS) RWY 4, AMDT 1A... CIRCLING CAT D MDA 700/HAA 665. 08 AUG 16:01 2018 UNTIL 20 MAR 16:01 2019 ESTIMATED. CREATED: 08 AUG 16:01 2018

!FDC 8/5147 KFLO IAP FLORENCE RGNL, Florence, SC. RNAV (GPS) RWY 1, ORIG-A... DELETE: DESCENT ANGLE 3.02/TCH 57. PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. 29 JUN 15:47 2018 UNTIL 08 FEB 15:47 2019 ESTIMATED. CREATED: 29 JUN 15:47 2018

!FDC 8/2379 KFLO IAP FLORENCE RGNL, Florence, SC. ILS OR LOC RWY 9, AMDT 12B... MISSED APPROACH: CLIMB TO 900 THEN CLIMBING RIGHT TURN TO 2200 DIRECT FL LOM AND HOLD W, LT, 088.55 INBOUND., FLO VORTAC OUT OF SERVICE. 18 DEC 15:13 2018 UNTIL 18 JAN 15:13 2019 ESTIMATED. CREATED: 18 DEC 15:13 2018

!FDC 8/2356 KFLO ODP FLORENCE RGNL, Florence, SC. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 5... TAKEOFF MINIMUMS: RWY 1, STANDARD WITH MINIMUM CLIMB OF 224 FT PER NM TO 1300. ALL OTHER DATA REMAINS AS PUBLISHED. 07 AUG 15:04 2018 UNTIL 19 MAR 15:04 2019 ESTIMATED. CREATED: 07 AUG 15:04 2018

!FDC 8/8480 KDLC IAP DILLON COUNTY, Dillon, SC. VOR/DME OR GPS RWY 7, AMDT 5A... PROCEDURE NA AT NIGHT. DESCENT ANGLE NA. 22 OCT 19:27 2018 UNTIL 03 JUN 19:27 2019 ESTIMATED. CREATED: 22 OCT 19:28 2018

!FDC 8/2378 KDLC IAP DILLON COUNTY, Dillon, SC. VOR/DME OR GPS RWY 7, AMDT 5A... VOR/DME PORTION NA, FLO VORTAC OUT OF SERVICE. 18 DEC 15:13 2018 UNTIL 18 JAN 15:13 2019 ESTIMATED. CREATED: 18 DEC 15:13 2018

!FDC 8/4412 2NC9 SPECIAL SCOTLAND MEMORIAL HOSPITAL, LAURINBURG, NC. HUKID ONE DEPARTURE.. NA. 06 SEP 02:00 2018 UNTIL 31 DEC 23:00 2018.

CREATED: 06 SEP 00:41 2018

!FDC 8/1992 2NC9 SPECIAL SCOTLAND MEMORIAL HOSPITAL, LAURINBURG, NC. COPTER RNAV (GPS) 214...NOT AVBL. 02 OCT 03:40 2018 UNTIL 31 DEC 23:00 2018. CREATED: 02 OCT 03:41 2018

!FDC 8/9867 KMEB IAP LAURINBURG-MAXTON, Maxton, NC. ILS OR LOC RWY 5, AMDT 2A... RNAV (GPS) RWY 23, AMDT 1A... RNAV (GPS) RWY 5, AMDT 1B... CIRCLING CATS B/C/D MDA 860/HAA 643, VIS CAT C 1 3/4. TEMPORARY CRANE, 500FT MSL, 2.01NM SOUTH OF KMEB (2018-ASO-20391-OE). 27 SEP 20:56 2018 UNTIL 09 MAY 20:56 2019 ESTIMATED. CREATED: 27 SEP 20:56 2018

!FDC 8/0284 KMEB IAP LAURINBURG-MAXTON, Maxton, NC. RNAV (GPS) RWY 23, AMDT 1A... LPV DA NA. LNAV/VNAV DA NA. LNAV MDA NA. 28 SEP 13:33 2018 UNTIL 10 MAY 13:33 2019 ESTIMATED. CREATED: 28 SEP 13:34 2018

!FDC 8/4830 KEYF IAP CURTIS L BROWN JR FIELD, Elizabethtown, NC. RNAV (GPS) RWY 15, ORIG... VOR/DME RWY 15, AMDT 2... CIRCLING RWY 33 NA. 29 MAY 12:29 2018 UNTIL 08 JAN 12:29 2019 ESTIMATED. CREATED: 29 MAY 12:29 2018

!FDC 8/4829 KEYF ODP CURTIS L BROWN JR FIELD, Elizabethtown, NC. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG... TAKEOFF MINIMUMS: RWY 15, NA. 29 MAY 12:29 2018 UNTIL 08 JAN 12:29 2019 ESTIMATED. CREATED: 29 MAY 12:29 2018

!FDC 8/2383 KFAY IAP FAYETTEVILLE RGNL/GRANNIS FIELD, Fayetteville, NC. LOC BC RWY 22, AMDT 8B... VOR RWY 22, AMDT 7B... VOR RWY 28, AMDT 8B... VOR RWY 4, AMDT 16B... DME REQUIRED, FLO VORTAC OUT OF SERVICE. 18 DEC 15:15 2018 UNTIL 18 JAN 15:15 2019 ESTIMATED. CREATED: 18 DEC 15:15 2018

!FDC 8/4365 NC23 SPECIAL JOHNSTON MEMORIAL HOSPITAL, SMITHFIELD, NC. HULIR ONE DEPARTURE... NA. 06 SEP 02:00 2018 UNTIL 31 DEC 23:00 2018. CREATED: 06 SEP 00:40 2018

!FDC 8/7388 KGWW IAP WAYNE EXECUTIVE JETPORT, Goldsboro, NC. RNAV (GPS) RWY 23, AMDT 1A... LPV DA VISIBILITY 3/4 ALL CATS. 07 DEC 15:46 2018 UNTIL 22 DEC 15:46 2020 ESTIMATED. CREATED: 07 DEC 15:47 2018

!FDC 8/7387 KGWW IAP WAYNE EXECUTIVE JETPORT, Goldsboro, NC. ILS OR LOC RWY 23, AMDT 2A... S-ILS 23 DA VISIBILITY 3/4 ALL CATS. 07 DEC 15:46 2018 UNTIL 22 DEC 15:46 2020 ESTIMATED. CREATED: 07 DEC 15:47 2018

!FDC 8/5852 KGWW IAP WAYNE EXECUTIVE JETPORT, Goldsboro, NC. ILS OR LOC RWY 23, AMDT 2A... S-LOC 23 NA EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. MISSED APPROACH: CLIMB TO 900 THEN CLIMBING RIGHT TURN TO 2000 ON HEADING 360 AND RDU VORTAC R-125 TO BRADE

INT/RDU 30.00 DME AND HOLD SE, RT, 305.27 INBOUND. RADAR REQUIRED FOR PROCEDURE ENTRY EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ISO VOR OUT OF SERVICE. 04 DEC 16:59 2018 UNTIL 16 JUL 16:28 2019 ESTIMATED. CREATED: 04 DEC 17:00 2018

!FDC 8/3738 KGWV IAP WAYNE EXECUTIVE JETPORT, Goldsboro, NC. VOR-A, AMDT 6... PROCEDURE NA. 25 JUL 19:54 2018 UNTIL 06 MAR 19:54 2019 ESTIMATED. CREATED: 25 JUL 19:55 2018

!FDC 8/6862 KRDU IAP RALEIGH-DURHAM INTL, Raleigh/Durham, NC. VOR RWY 32, AMDT 3E... HIRTO FIX MINIMUMS NA. 31 MAY 16:04 2018 UNTIL 10 JAN 16:04 2019 ESTIMATED. CREATED: 31 MAY 16:04 2018

!FDC 8/4394 KRDU IAP RALEIGH-DURHAM INTL, Raleigh/Durham, NC. VOR RWY 5R, AMDT 13E... MISSED APPROACH: CLIMBING RIGHT TURN TO 2600 ON RDU VORTAC R-092 TO ZEBUL INT/RDU 19.6 DME AND HOLD. 13 JUL 16:22 2018 UNTIL 22 FEB 16:22 2019 ESTIMATED. CREATED: 13 JUL 16:24 2018

!FDC 8/3637 KRDU IAP RALEIGH-DURHAM INTL, Raleigh/Durham, NC. RNAV (RNP) Z RWY 23L, AMDT 2B... RNAV (RNP) Z RWY 23R, AMDT 2B... RNAV (RNP) Z RWY 5L, AMDT 2B... RNAV (RNP) Z RWY 5R, AMDT 2B... PROCEDURE NA. 25 JUL 18:19 2018 UNTIL 06 MAR 18:19 2019 ESTIMATED. CREATED: 25 JUL 18:20 2018

!FDC 8/3053 KRDU IAP RALEIGH-DURHAM INTL, Raleigh/Durham, NC. RNAV (GPS) RWY 32, ORIG-A... MISSED APPROACH: CHANGE MISSED APPROACH TO READ: CLIMB ON COURSE 322 TO KASLE, THEN CLIMBING RIGHT TURN TO 2200 DIRECT DUHAM AND HOLD. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 19 DEC 15:56 2018 UNTIL 19 DEC 15:56 2020 ESTIMATED. CREATED: 19 DEC 15:58 2018

!FDC 8/2060 KRDU IAP RALEIGH-DURHAM INTL, Raleigh/Durham, NC. RNAV (RNP) Z RWY 23R, AMDT 2B... RNP 0.15 DA 801/HAT 392 ALL CATS. 17 DEC 19:49 2018 UNTIL 17 DEC 19:48 2020 ESTIMATED. CREATED: 17 DEC 19:49 2018

!FDC 8/7170 KW03 IAP WILSON INDUSTRIAL AIR CENTER, Wilson, NC. RNAV (GPS) RWY 33, ORIG-B... CHART NOTE: STRAIGHT-IN RWY 33 NA AT NIGHT, CIRCLING RWY 9, 15, 27, 33 NA AT NIGHT. CHART NOTE: RWY 33 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. PBN REQUIREMENTS NOTE: RNP APCH. DELETE NOTE: DME/DME RNP-0.3 NA. DELETE NOTE: PROCEDURE NA AT NIGHT. CHANGE ALTIMETER SETTING NOTE TO READ: OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED, USE ROCKY MOUNT ALTIMETER SETTING. CHANGE ROCKY MOUNT-WILSON RGNL ALTIMETER SETTING MINIMUMS TO READ: ROCKY MOUNT ALTIMETER SETTING MINIMUMS. THIS IS RNAV (GPS) RWY 33, ORIG-C. 19 OCT 16:49 2018 UNTIL PERM. CREATED: 19 OCT 16:49 2018

!FDC 8/6887 KRWI IAP ROCKY MOUNT-WILSON RGNL, Rocky Mount, NC. VOR/DME RWY 22, AMDT 3A... PROCEDURE NA EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, TYI TACAN OUT OF SERVICE. 06 DEC 17:04 2018 UNTIL 16 JAN 17:04 2019 ESTIMATED. CREATED: 06 DEC 17:04 2018

!FDC 8/2464 KRWI IAP ROCKY MOUNT-WILSON RGNL, Rocky Mount, NC. VOR/DME RWY 22, AMDT 3A... PROCEDURE NA. 20 AUG 14:41 2018 UNTIL 01 APR 14:41 2019 ESTIMATED. CREATED: 20 AUG 14:41 2018

!FDC 8/7066 0NC5 SPECIAL NASH GENERAL HOSPITAL, ROCKY MOUNT, NC. COPTER RNAV (GPS) COPTER RNAV (GPS) 009, ORIG... MDA 660. 23 SEP 18:25 2018 UNTIL 31 DEC 23:59 2018. CREATED: 23 SEP 18:23 2018

!FDC 8/4397 0NC5 SPECIAL NASH GENERAL HOSPITAL, ROCKY MOUNT, NC. HUSLO ONE DEPARTURE... NA. 06 SEP 02:00 2018 UNTIL 31 DEC 23:00 2018. CREATED: 06 SEP 00:41 2018

!FDC 8/6888 KIXA IAP HALIFAX-NORTHAMPTON RGNL, Roanoke Rapids, NC. VOR RWY 2, AMDT 1... PROCEDURE NA EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, TYI TACAN OUT OF SERVICE. 06 DEC 17:04 2018 UNTIL 16 JAN 17:04 2019 ESTIMATED. CREATED: 06 DEC 17:04 2018

!FDC 8/0061 KIXA IAP HALIFAX-NORTHAMPTON RGNL, Roanoke Rapids, NC. RNAV (GPS) RWY 2, AMDT 2... RNAV (GPS) RWY 20, AMDT 2... CIRCLING CAT C MDA 780/HAA 635. 12 DEC 20:22 2018 UNTIL 12 DEC 20:22 2020 ESTIMATED. CREATED: 12 DEC 20:23 2018

!FDC 8/7559 KRIC IAP RICHMOND INTL, Richmond, VA. VOR RWY 20, AMDT 1B... S-20 MDA 660/HAT 492 ALL CATS. VISIBILITY CATS C/D 1 3/8. 11 SEP 16:32 2018 UNTIL 23 APR 16:32 2019 ESTIMATED. CREATED: 11 SEP 16:32 2018

!FDC 8/3094 KRIC IAP RICHMOND INTL, Richmond, VA. VOR RWY 16, AMDT 27B... VOR RWY 2, AMDT 6A... VOR RWY 20, AMDT 1B... VOR RWY 25, AMDT 16B... VOR RWY 34, AMDT 23B... VDP NA, RIC TACAN OUT OF SERVICE. 08 NOV 17:01 2018 UNTIL 20 JUN 17:00 2019 ESTIMATED. CREATED: 08 NOV 17:01 2018

!FDC 8/5742 KJGG IAP WILLIAMSBURG-JAMESTOWN, Williamsburg, VA. VOR-B, AMDT 3... PROCEDURE NA. 23 AUG 13:16 2018 UNTIL 04 APR 13:16 2019 ESTIMATED. CREATED: 23 AUG 13:16 2018

!FDC 8/9171 KW96 IAP NEW KENT COUNTY, Quinton, VA. RNAV (GPS) RWY 11, AMDT 2B... PROCEDURE NA. 20 NOV 14:32 2018 UNTIL 20 NOV 14:32 2020 ESTIMATED. CREATED: 20 NOV 14:33 2018

!FDC 8/8898 KW96 IAP NEW KENT COUNTY, Quinton, VA. RNAV (GPS) RWY 29, AMDT 2B... LNAV MDA 580/HAT 460 ALL CATS. NOTE: CIRCLING RWY 11 NA AT

NIGHT. NOTE: RWY 11 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA.
DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA.
DISREGARD NOTE: PROCEDURE NA AT NIGHT. 19 NOV 13:16 2018 UNTIL 19 NOV 13:16 2020 ESTIMATED. CREATED: 19 NOV 13:17 2018

!FDC 8/4947 KFYJ IAP MIDDLE PENINSULA RGNL, West Point, VA. RNAV (GPS) RWY 28, ORIG-D... LP MDA NA. LNAV MDA NA. 26 JUL 18:01 2018 UNTIL 07 MAR 18:01 2019 ESTIMATED. CREATED: 26 JUL 18:01 2018

!FDC 8/8737 KW75 ODP HUMMEL FIELD, Saluda, VA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1... ADD TAKEOFF OBSTACLE NOTE: RWY 1, BUILDING 157FT FROM DER, 224FT LEFT OF CENTERLINE, 19FT AGL/ 34FT MSL. TRANSMISSION LINES 1024FT FROM DER, CROSSING CENTERLINE, UP TO 66FT AGL/ 96FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 11 DEC 13:36 2018 UNTIL 23 JUL 13:36 2019 ESTIMATED. CREATED: 11 DEC 13:36 2018

!FDC 8/7206 KESN IAP EASTON/NEWNAM FIELD, Easton, MD. ILS OR LOC RWY 4, AMDT 2B... NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 660. 24 AUG 19:54 2018 UNTIL 05 APR 19:54 2019 ESTIMATED. CREATED: 24 AUG 19:55 2018

!FDC 8/3800 KN06 IAP LAUREL, Laurel, DE. RNAV (GPS)-A, ORIG... DELETE: DESCENT ANGLE 3.00/TCH 40. PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. 08 AUG 16:54 2018 UNTIL 20 MAR 16:54 2019 ESTIMATED. CREATED: 08 AUG 16:55 2018

!FDC 6/2272 KDOV STAR DOVER AFB, DOVER, DE. SMYRNA THREE ARRIVAL...CASANOVA TRANSITION NOT AUTHORIZED. 19 OCT 04:00 2016 UNTIL PERM. CREATED: 18 OCT 19:03 2016

!FDC 8/1518 KEVY IAP SUMMIT, Middletown, DE. RNAV (GPS) RWY 35, AMDT 1A... NOTE: RWY 35 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. NOTE: CIRCLING RWY 17 NA AT NIGHT. NOTE: CIRCLING NA TO RWYS 11 AND 29. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DISREGARD NOTE: NIGHT LANDING: RWY 11, 17, 29 NA. 25 JUN 20:36 2018 UNTIL 04 FEB 20:36 2019 ESTIMATED. CREATED: 25 JUN 20:37 2018

!FDC 8/1517 KEVY IAP SUMMIT, Middletown, DE. RNAV (GPS) RWY 17, AMDT 2A... NOTE: RWY 17 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. NOTE: CIRCLING RWY 17 NA AT NIGHT. NOTE: CIRCLING NA TO RWYS 11 AND 29. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD NOTE: NIGHT LANDING: RWY 11, 17, 29 NA. 25 JUN 20:36 2018 UNTIL 04 FEB 20:36 2019 ESTIMATED. CREATED: 25 JUN 20:37 2018

!FDC 8/1516 KEVY IAP SUMMIT, Middletown, DE. NDB-A, AMDT 8A... NOTE: CIRCLING RWY 17 NA AT NIGHT. NOTE: CIRCLING NA TO RWYS 11 AND 29. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD NOTE: NIGHT LANDING: RWY 11, 17, 29 NA. 25 JUN 20:36

2018 UNTIL 04 FEB 20:36 2019 ESTIMATED. CREATED: 25 JUN 20:37 2018

!FDC 8/1515 KEVY ODP SUMMIT, Middletown, DE. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2A... TAKE-OFF MINIMUMS: RWY 11,29: NA - ENVIRONMENTAL. ALL OTHER DATA REMAINS AS PUBLISHED. 25 JUN 20:36 2018 UNTIL 04 FEB 20:36 2019 ESTIMATED. CREATED: 25 JUN 20:37 2018

!FDC 8/8759 KILG IAP NEW CASTLE, Wilmington, DE. ILS OR LOC RWY 1, AMDT 23B... MISSED APPROACH: CLIMB TO 900 THEN CLIMBING LEFT TURN TO 2000 DIRECT HADIN LOM AND HOLD (ADF REQUIRED), DQO VORTAC OUT OF SERVICE. 06 NOV 06:00 2018 UNTIL 15 OCT 14:22 2019 ESTIMATED. CREATED: 05 NOV 14:23 2018

!FDC 8/5737 KILG IAP NEW CASTLE, Wilmington, DE. VOR RWY 9, AMDT 7A... S-9 MDA 860/HAT 780 ALL CATS. VISIBILITY CAT B 1 1/4, CATS C/D 2 1/2. CIRCLING MDA 860/HAA 780 ALL CATS. VISIBILITY CAT B 1 1/4, CATS C/D 2 1/2. QWOTE FIX MINIMUMS NA. DISREGARD *620 WHEN USING PHILADELPHIA INTL ALTIMETER SETTING. ALTERNATE MINIMUMS: CATS C/D 800-2 1/2. DISREGARD MINIMUM ALTITUDE AT QWOTE *620. 07 SEP 18:59 2018 UNTIL 19 APR 18:59 2019 ESTIMATED. CREATED: 07 SEP 19:00 2018

!FDC 8/2523 KILG IAP NEW CASTLE, Wilmington, DE. VOR RWY 27, AMDT 4B... NOTE: RWY 27 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PHILADELPHIA INTL ALTIMETER SETTING AND INCREASE ALL MDA 60FT; INCREASE S-27 CAT B VISIBILITY 1/4 MILE AND INCREASE S-27 CATS C AND D VISIBILITY 1/2 MILE; INCREASE CIRCLING CATS B AND D VISIBILITY 1/4 MILE AND INCREASE CIRCLING CAT C 1/2 MILE; WIROL FIX MINIMUMS S-27 INCREASE CATS C AND D VISIBILITY 1/4 MILE, AND INCREASE CIRCLING CAT C 1/8 MILE. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DISREGARD NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PHILADELPHIA INTL ALTIMETER SETTING AND INCREASE ALL MDA 60FT; INCREASE S-27 CAT B VISIBILITY 1/4 MILE AND INCREASE S-9 CATS C AND D VISIBILITY 1/2 MILE; INCREASE CIRCLING CATS B AND D VISIBILITY 1/4 MILE AND INCREASE CIRCLING CAT C 1/2 MILE; WIROL FIX MINIMUMS S-27 INCREASE CATS C AND D VISIBILITY 1/4 MILE, AND INCREASE CIRCLING CAT C 1/8 MILE. 07 AUG 18:03 2018 UNTIL 19 MAR 18:03 2019 ESTIMATED. CREATED: 07 AUG 18:04 2018

!FDC 8/1154 KILG STAR NEWCASTLE, WILMINGTON, DE. BUNTS TWO ARRIVAL... UNUSABLE 1) BELOW 5000FT MSL BTN PSB AND HAR 2) BELOW 4000FT MSL BTN HAR AND BOUHN. 02 APR 12:00 2018 UNTIL PERM. CREATED: 02 APR 12:00 2018

!FDC 6/1755 KILG STAR NEW CASTLE, WILMINGTON, DE., CEDAR LAKE 8 ARRIVAL MINIMUM ENROUTE ALTITUDE (MEA) IS REVISED BTN ROUTE SEGMENTS. THE MEA BTN BRIGS INT AND CEDAR LAKE VOR (VCN) AND BTN VCN AND WOODSTOWN VOR (OOD) IS REVISED FR 1900FT MSL TO 2100FT MSL. 10 MAY 17:55 2016 UNTIL PERM. CREATED: 10 MAY 17:59 2016

!FDC 8/4115 K29N IAP KROELINGER, Vineland, NJ. VOR OR GPS-B, ORIG-A... MSA FROM VCN VORTAC 25NM: MINIMUM ALTITUDE 2200. 05 SEP 19:06 2018 UNTIL 17 APR 19:06 2019 ESTIMATED. CREATED: 05 SEP 19:07 2018

!FDC 8/8450 K7N7 IAP SPITFIRE AERODROME, Pedricktown, NJ. RNAV (GPS) RWY 25, AMDT 1... 34:1 IS NOT CLEAR. PBN REQUIREMENTS NOTE: RNP APCH. DELETE NOTE: DME/DME RNP-0.3 NA. DELETE PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE 4.00/TCH 20). CHART NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: RWY 25 HELICOPTER VISIBILITY BELOW 1 SM NOT AUTHORIZED. DELETE: DESCENT ANGLE 3.03/TCH 30. CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. THIS IS RNAV (GPS) RWY 25, AMDT 1A. 16 NOV 17:26 2018 UNTIL PERM. CREATED: 16 NOV 17:27 2018

!FDC 8/4245 K7N7 IAP SPITFIRE AERODROME, Pedricktown, NJ. RNAV (GPS) RWY 7, ORIG... LNAV HAT 502 ALL CATS. CHART TDZE 38. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. DELETE NOTE: DME/DME RNP-0.3 NA. PBN REQUIREMENTS NOTE: RNP APCH. CHART NOTE: RWY 7 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DELETE: DESCENT ANGLE 3.04/TCH 40. CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. THIS IS RNAV (GPS) RWY 7, ORIG-A. 16 OCT 16:22 2018 UNTIL PERM. CREATED: 16 OCT 16:23 2018

!FDC 8/6157 K17N IAP CROSS KEYS, Cross Keys, NJ. VOR OR GPS RWY 9, AMDT 6A... VOR PROCEDURE NA. 05 DEC 16:16 2018 UNTIL 17 JUL 16:16 2019 ESTIMATED. CREATED: 05 DEC 16:16 2018

!FDC 8/0941 K17N IAP CROSS KEYS, Cross Keys, NJ. VOR OR GPS RWY 9, AMDT 6A... MISSED APPROACH: CLIMBING RIGHT TURN TO 2100 DIRECT OOD VORTAC AND HOLD. MINIMUM HOLDING ALTITUDE 2100. MSA FROM OOD BEARING 180 CW 270 2600, BEARING 270 CW 180 2200. NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 30 AUG 18:03 2018 UNTIL 11 APR 18:03 2019 ESTIMATED. CREATED: 30 AUG 18:03 2018

!FDC 8/8689 KPHL IAP PHILADELPHIA INTL, Philadelphia, PA. ILS OR LOC RWY 26, AMDT 4C... DELETE NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 27L. DELETE NOTE: DME OR RADAR REQUIRED. EQUIPMENT REQUIREMENTS NOTE: DME OR RADAR REQUIRED. CHART CIRCLING ICON. THIS IS ILS OR LOC RWY 26, AMDT 4D. 05 NOV 12:26 2018 UNTIL PERM. CREATED: 05 NOV 12:29 2018

!FDC 8/8435 KPHL IAP PHILADELPHIA INTL, Philadelphia, PA. RNAV (GPS) RWY 26, AMDT 1C... LNAV MDA 540/HAT 504 ALL CATS, VISIBILITY CAT C, D RVR 55. CIRCLING CAT A MDA 540/HAA 504, CAT B MDA 600/HAA 564, CAT C MDA 620/HAA 584, CAT D MDA 720/HAA 684. VISIBILITY CAT A, B 1, CAT C 1 1/2, CAT D 2 1/4. CHART CIRCLING ICON. DELETE NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -12C (11F) OR ABOVE 54C (130F). CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -12C OR

ABOVE 54C. DELETE NOTE: FOR INOP ALS, INCREASE LPV ALL CATS VISIBILITY 3/8 SM, INCREASE LNAV CATS A AND B TO RVR 5000. CHART NOTE: FOR INOP ALS, INCREASE LPV ALL CATS VISIBILITY 3/8 SM, INCREASE LNAV CATS A AND B TO RVR 5500. DELETE NOTE: DME/DME RNP-0.3 NA. PBN REQUIREMENTS NOTE: RNP APCH. THIS IS RNAV (GPS) RWY 26, AMDT 1D. 26 SEP 11:33 2018 UNTIL PERM. CREATED: 26 SEP 11:34 2018

!FDC 8/8362 KPHL IAP PHILADELPHIA INTL, Philadelphia, PA. VOR/DME-A, AMDT 3... CIRCLING CAT A MDA 560/HAA 524. CHART CIRCLING ICON. THIS IS VOR/DME-A, AMDT 3A. 12 SEP 13:35 2018 UNTIL PERM. CREATED: 12 SEP 13:36 2018

!FDC 8/8359 KPHL IAP PHILADELPHIA INTL, Philadelphia, PA. RNAV (GPS) RWY 35, AMDT 4A... LP MDA 500/HAT 486 ALL CATS. LNAV MDA 500/HAT 486 ALL CATS. DELETE NOTE: DME/DME RNP-0.3 NA. PBN REQUIREMENTS NOTE: RNP APCH. THIS IS RNAV (GPS) RWY 35, AMDT 4B. 12 SEP 13:33 2018 UNTIL PERM. CREATED: 12 SEP 13:33 2018

!FDC 8/6774 KPHL IAP PHILADELPHIA INTL, Philadelphia, PA. ILS OR LOC RWY 27L, AMDT 14A... DISREGARD NOTE: ILS UNUSABLE FROM 0.67 NM INBOUND TO THRESHOLD. 10 SEP 17:51 2018 UNTIL 22 APR 17:51 2019 ESTIMATED. CREATED: 10 SEP 17:51 2018

!FDC 8/6151 KPHL IAP PHILADELPHIA INTL, Philadelphia, PA. VOR/DME-A, AMDT 3... PROCEDURE NA. 05 DEC 15:58 2018 UNTIL 17 JUL 15:58 2019 ESTIMATED. CREATED: 05 DEC 15:58 2018

!FDC 8/5316 KPHL IAP PHILADELPHIA INTL, Philadelphia, PA. ILS OR LOC RWY 27L, AMDT 14A... S-LOC 27L VISIBILITY CATS A/B RVR 4000. TEMPORARY CRANE 210 MSL 3780FT NORTHEAST OF RWY 27L (2018-AEA-7283/7285/7286-OE). 14 NOV 10:00 2018 UNTIL 16 MAR 10:00 2019 ESTIMATED. CREATED: 13 NOV 19:38 2018

!FDC 8/5315 KPHL IAP PHILADELPHIA INTL, Philadelphia, PA. RNAV (GPS) RWY 27L, AMDT 3B... LNAV/VNAV DA 506/HAT 496 ALL CATS, VISIBILITY RVR 5000 ALL CATS. LNAV MDA 820/HAT 810 ALL CATS, VISIBILITY CATS A/B RVR 4000. CIRCLING MDA 820/HAA 784 ALL CATS, VISIBILITY CAT B 1 1/4, CATS C/D 2 1/2. CHANGE INOP NOTE TO READ: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV VISIBILITY ALL CATS TO 1 3/8, LNAV CATS A/B VISIBILITY TO RVR 5500, CATS C/D VISIBILITY TO 2 1/2. VDP 2.30 NM TO RWY 27L. TEMPORARY CRANE 210 MSL 3780FT NORTHEAST OF RWY 27L (2018-AEA-7283/7285/7286-OE). 14 NOV 10:00 2018 UNTIL 16 MAR 10:00 2019 ESTIMATED. CREATED: 13 NOV 19:38 2018

!FDC 8/5314 KPHL SID PHILADELPHIA INTL, Philadelphia, PA. PHILADELPHIA TWO DEPARTURE... TAKEOFF MINIMUMS: RWY 9R, STANDARD WITH MINIMUM CLIMB OF 423FT PER NM TO 1500. TAKEOFF OBSTACLE NOTE: RWY 9R, TEMPORARY CRANE 3780FT FROM DER, 828FT RIGHT OF CENTERLINE. TEMPORARY CRANE 210 MSL 3780FT NORTHEAST OF RWY 27L (2018-AEA-7286/7283/7285-OE). ALL OTHER

DATA REMAINS AS PUBLISHED. 14 NOV 10:00 2018 UNTIL 16 MAR 10:00 2019
ESTIMATED. CREATED: 13 NOV 19:38 2018

!FDC 8/5313 KPHL ODP PHILADELPHIA INTL, Philadelphia, PA. TAKEOFF MINIMUMS
AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 10... TAKEOFF MINIMUMS:
RWY 9R, STANDARD WITH MINIMUM CLIMB OF 423FT PER NM TO 1500. TAKEOFF
OBSTACLE NOTE: RWY 9R, TEMPORARY CRANE 3780FT FROM DER, 828FT RIGHT
OF CENTERLINE. TEMPORARY CRANE 210 MSL 3780FT NORTHEAST OF RWY 27L
(2018-AEA-7286/7283/7285-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 14 NOV
10:00 2018 UNTIL 16 MAR 10:00 2019 ESTIMATED. CREATED: 13 NOV 19:38 2018

!FDC 8/4954 KPHL SID PHILADELPHIA INTL, Philadelphia, PA. PHILADELPHIA TWO
DEPARTURE... TAKEOFF MINIMUMS: RWY 9R: STANDARD WITH MINIMUM CLIMB
OF 423 FT PER NM TO 1500. TAKEOFF OBSTACLE NOTES: RWY 9R: TEMP CRANE
3779 FT FROM DER, 1182 FT RIGHT OF CENTERLINE, 200 FT AGL/210 FT MSL (2018-
AEA-7283-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 03 OCT 18:35 2018
UNTIL 15 MAY 18:35 2019 ESTIMATED. CREATED: 03 OCT 18:35 2018

!FDC 8/4951 KPHL ODP PHILADELPHIA INTL, Philadelphia, PA. TAKEOFF MINIMUMS
AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 10... TAKEOFF MINIMUMS:
RWY 9R, STANDARD WITH MINIMUM CLIMB OF 423 FT PER NM TO 1500. TAKEOFF
OBSTACLE NOTES: RWY 9R, TEMP CRANE 3779 FT FROM DER, 1182 FT RIGHT OF
CENTERLINE, 200 FT AGL/210 FT MSL (2018-AEA-7283-OE). ALL OTHER DATA
REMAINS AS PUBLISHED. 03 OCT 18:35 2018 UNTIL 15 MAY 18:35 2019 ESTIMATED.
CREATED: 03 OCT 18:35 2018

!FDC 8/4833 KPHL IAP PHILADELPHIA INTL, Philadelphia, PA. ILS OR LOC RWY 26,
AMDT 4C... DISREGARD NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH
RWY 27L. 22 AUG 20:20 2018 UNTIL 03 APR 20:20 2019 ESTIMATED. CREATED: 22
AUG 20:20 2018

!FDC 8/1512 KPHL IAP PHILADELPHIA INTL, Philadelphia, PA. RNAV (RNP) Z RWY 9R,
ORIG-D... RNP 0.16 DA 422/HAT 402, VIS RVR 5000 ALL CATS. 31 AUG 14:02 2018
UNTIL 12 APR 14:02 2019 ESTIMATED. CREATED: 31 AUG 14:03 2018

!FDC 8/1156 KPHL STAR PHILADELPHIA INTERNATIONAL, PHILADELPHIA, PA.
BUNTS TWO ARRIVAL... UNUSABLE 1) BLW 5000FT MSL BTN PSB AND HAR 2) BLW
4000FT MSL BTN HAR AND BOUHN. 02 APR 12:00 2018 UNTIL PERM. CREATED: 02
APR 12:00 2018

!FDC 8/0830 KPHL IAP PHILADELPHIA INTL, Philadelphia, PA. RNAV (GPS) RWY 27L,
AMDT 3B... LNAV/VNAV DA 503/HAT 493 ALL CATS. TEMP CRANE 210 MSL 4314 FT
E OF RWY 27L (2018-AEA-7286-OE). 01 OCT 09:00 2018 UNTIL 11 MAY 19:27 2019
ESTIMATED. CREATED: 29 SEP 19:28 2018

!FDC 6/1754 KPHL STAR PHILADELPHIA INTL, PHILADELPHIA, PA., CEDAR LAKE 8

ARRIVAL - MINIMUM ENROUTE ALTITUDE (MEA) IS REVISED BTN ROUTE SEGMENTS. THE MEA BTN BRIGS INT AND CEDAR LAKE VOR (VCN) AND BTN VCN AND WOODSTOWN VOR (OOD) IS REVISED FROM 1900FT MSL TO 2100FT MSL. 10 MAY 17:50 2016 UNTIL PERM. CREATED: 10 MAY 17:54 2016

!FDC 8/5850 KN81 IAP HAMMONTON MUNI, Hammonton, NJ. RNAV (GPS) RWY 3, AMDT 1C... NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ATLANTIC CITY ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET AND LNAV CAT C VISIBILITY 1/8 SM. NOTE: RWY 3 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD NOTE: USE HAMMONTON ALTIMETER SETTING; WHEN NOT RECEIVED USE ATLANTIC CITY ALTIMETER SETTING. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. 20 SEP 15:15 2018 UNTIL 02 MAY 15:14 2019 ESTIMATED. CREATED: 20 SEP 15:16 2018

!FDC 8/0489 KN81 IAP HAMMONTON MUNI, Hammonton, NJ. VOR-B, AMDT 2C... NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ATLANTIC CITY ALTIMETER SETTING AND INCREASE ALL MDAS 60FT. DISREGARD NOTE: : USE HAMMONTON ALTIMETER SETTING; WHEN NOT RECEIVED USE ATLANTIC CITY ALTIMETER SETTING. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. NOTE: MSA FROM VCN VOR/DME 270-090 MINIMUM ALTITUDE 2200. 13 DEC 13:06 2018 UNTIL 25 JUL 13:06 2019 ESTIMATED. CREATED: 13 DEC 13:06 2018

!FDC 8/6048 KN73 ODP RED LION, Vincentown, NJ. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1... DEPARTURE PROCEDURE NA. 04 DEC 22:17 2018 UNTIL 04 DEC 22:16 2020 ESTIMATED. CREATED: 04 DEC 22:17 2018

!FDC 8/6047 KN73 IAP RED LION, Vincentown, NJ. RNAV (GPS) RWY 5, ORIG-A... VOR-A, AMDT 6A... PROCEDURE NA. 04 DEC 22:16 2018 UNTIL 04 DEC 22:15 2020 ESTIMATED. CREATED: 04 DEC 22:16 2018

!FDC 8/2664 KN73 IAP RED LION, Vincentown, NJ. VOR-A, AMDT 6A... DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, RBV VORTAC OUT OF SERVICE. 18 DEC 19:52 2018 UNTIL 31 JAN 19:52 2019 ESTIMATED. CREATED: 18 DEC 19:52 2018

!FDC 8/8137 KWAY IAP SOUTH JERSEY RGNL, Mount Holly, NJ. RNAV (GPS) RWY 8, ORIG-B... DELETE: DESCENT ANGLE 3.25/TCH 45. PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. 27 AUG 20:46 2018 UNTIL 27 SEP 20:42 2020 ESTIMATED. CREATED: 27 AUG 20:46 2018

!FDC 8/0537 KWAY IAP SOUTH JERSEY RGNL, Mount Holly, NJ. RNAV (GPS) RWY 8, ORIG-B... CHANGE MISSED APPROACH HOLDING AT INNEZ INBOUND COURSE FROM 277 TO 280 AND OUTBOUND COURSE FROM 097 TO 100. 03 AUG 13:37 2018 UNTIL 15 MAR 13:37 2019 ESTIMATED. CREATED: 03 AUG 13:38 2018

!FDC 8/5022 3NJ6 SPECIAL INDUCTOTHERM, Rancocas, NJ. RNAV (GPS) RWY 20, AMDT 2... DISREGARD NOTE: CIRCLING TO RWY 2 NOT AUTHORIZED AT NIGHT. 03 DEC 13:06 2018 UNTIL 25 APR 13:06 2019 ESTIMATED. CREATED: 03 DEC 13:06 2018

!FDC 8/5019 3NJ6 SPECIAL INDUCTOTHERM, Rancocas, NJ. RNAV (GPS) RWY 02, AMDT 2... DISREGARD NOTE: PROCEDURE NOT AUTHORIZED AT NIGHT. 03 DEC 13:05 2018 UNTIL 25 APR 13:04 2019 ESTIMATED. CREATED: 03 DEC 13:05 2018

!FDC 8/1151 KPNE STAR NORTHEAST PHILADELPHIA, PHILADELPHIA, PA. BUNTS TWO ARRIVAL... UNUSABLE 1) BLW 5000FT MSL BTN PSB AND HAR 2) BLW 4000FT MSL BTN HAR AND BOUHN. 02 APR 12:00 2018 UNTIL PERM. CREATED: 02 APR 11:57 2018

!FDC 6/1749 KPNE STAR NORTHEAST PHILADELPHIA, PHILADELPHIA, PA., CEDAR LAKE 8 ARRIVAL - MINIMUM ENROUTE ALTITUDE (MEA) IS REVISED BTN ROUTE SEGMENTS. THE MEA BTN BRIGS INT AND CEDAR LAKE VOR (VCN) AND BTN VCN AND WOODSTOWN VOR (OOD) IS REVISED FM 1900FT MSL TO 2100FT MSL. 10 MAY 17:50 2016 UNTIL PERM. CREATED: 10 MAY 17:54 2016

!FDC 8/5956 KN87 IAP TRENTON-ROBBINSVILLE, Robbinsville, NJ. RNAV (GPS) RWY 29, AMDT 1A... DELETE: DESCENT ANGLE 3.00/TCH 40. PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. 04 OCT 17:41 2018 UNTIL 16 MAY 17:41 2019 ESTIMATED. CREATED: 04 OCT 17:41 2018

!FDC 8/1741 KN87 IAP TRENTON-ROBBINSVILLE, Robbinsville, NJ. RNAV (GPS) RWY 11, ORIG-A... NIGHT LANDING RWY 11, 29 NA. VISUAL DESCENT ANGLE 3.00/TCH 40 NA. 31 AUG 17:35 2018 UNTIL 12 APR 17:35 2019 ESTIMATED. CREATED: 31 AUG 17:35 2018

!FDC 8/1632 KN87 IAP TRENTON-ROBBINSVILLE, Robbinsville, NJ. RNAV (GPS) RWY 29, AMDT 1A... NIGHT LANDING RWY 11, 29 NA. VISUAL DESCENT ANGLE 3.00/TCH 40 NA. 31 AUG 15:35 2018 UNTIL 12 APR 15:35 2019 ESTIMATED. CREATED: 31 AUG 15:35 2018

!FDC 8/1629 KN87 IAP TRENTON-ROBBINSVILLE, Robbinsville, NJ. VOR RWY 29, AMDT 11A... NIGHT LANDING RWY 11, 29 NA. VISUAL DESCENT ANGLE 3.13/TCH 40 NA. 31 AUG 15:34 2018 UNTIL 12 APR 15:34 2019 ESTIMATED. CREATED: 31 AUG 15:34 2018

!FDC 8/1146 KTTN STAR TRENTON MERCER, TRENTON, NJ. BUNTS TWO ARRIVAL... UNUSABLE 1) BLW 5000FT MSL BTN PSB AND HAR 2) BLW 4000FT MSL BTN HAR AND BOUHN. 02 APR 12:00 2018 UNTIL PERM. CREATED: 02 APR 11:55 2018

!FDC 8/1807 KN51 ODP SOLBERG-HUNTERDON, Readington, NJ. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1... TAKE-OFF MINIMUMS:

RWY 10, 13, 28, 31 NA - ENVIRONMENTAL. TAKE-OFF MINIMUMS: RWY 04, STANDARD WITH MINIMUM CLIMB OF 397 FEET PER NM TO 700. ALL OTHER DATA REMAINS AS PUBLISHED. 31 AUG 19:11 2018 UNTIL 12 APR 19:11 2019 ESTIMATED. CREATED: 31 AUG 19:11 2018

!FDC 8/0655 KSMQ IAP SOMERSET, Somerville, NJ. RNAV (GPS) RWY 12, ORIG-B... LNAV CATS A/B MDA 640/HAT 557. ANTENNA 340 MSL 1.39 NM NW OF RWY 12 (2018-AEA-9177-OE). 16 AUG 17:47 2018 UNTIL 28 MAR 17:47 2019 ESTIMATED. CREATED: 16 AUG 17:47 2018

!FDC 8/4547 K3N6 IAP OLD BRIDGE, Old Bridge, NJ. RNAV (GPS) RWY 24, ORIG-A... DELETE: DESCENT ANGLE 3.04/TCH 40. PROFILE NOTE: VISUAL SEGMENT-OBSTACLES. 13 JUL 21:21 2018 UNTIL 22 FEB 21:20 2019 ESTIMATED. CREATED: 13 JUL 21:21 2018

!FDC 8/3350 K3N6 IAP OLD BRIDGE, OLD BRIDGE, NJ. VOR RWY 24, AMDT 4B... MISSED APPROACH: CLIMB TO 2000 DIRECT RBV VORTAC AND HOLD, NE, RT, 210.00 INBOUND. DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, COL VOR OUT OF SERVICE. 25 JUL 13:30 2018 UNTIL 06 MAR 13:30 2019 ESTIMATED. CREATED: 25 JUL 13:30 2018

!FDC 8/2021 K3N6 IAP OLD BRIDGE, Old Bridge, NJ. RNAV (GPS) RWY 6, ORIG-A... DELETE: DESCENT ANGLE 3.04/TCH 40. PROFILE NOTE: VISUAL SEGMENT-OBSTACLES. 26 JUN 12:19 2018 UNTIL 05 FEB 12:18 2019 ESTIMATED. CREATED: 26 JUN 12:19 2018

!FDC 8/5962 KN40 IAP SKY MANOR, Pittstown, NJ. RNAV (GPS) RWY 7, AMDT 1... DELETE DESCENT ANGLE 3.00 / TCH 40. PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. 04 OCT 17:44 2018 UNTIL 16 MAY 17:44 2019 ESTIMATED. CREATED: 04 OCT 17:45 2018

!FDC 8/5960 KN40 IAP SKY MANOR, Pittstown, NJ. RNAV (GPS) RWY 25, ORIG-A... DELETE: DESCENT ANGLE 3.00/TCH 40. PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. 04 OCT 17:43 2018 UNTIL 16 MAY 17:43 2019 ESTIMATED. CREATED: 04 OCT 17:43 2018

!FDC 8/0545 KLDJ ODP LINDEN, Linden, NJ. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2A... DEPARTURE PROCEDURE NA. 26 NOV 13:58 2018 UNTIL 26 NOV 13:58 2020 ESTIMATED. CREATED: 26 NOV 13:58 2018

!FDC 8/4414 95NC SPECIAL ONSLOW MEMORIAL HOSPITAL, JACKSONVILLE, NC. HUTSU ONE DEPARTURE... NA. 06 SEP 02:00 2018 UNTIL 31 DEC 23:00 2018. CREATED: 06 SEP 00:43 2018

!FDC 8/4361 95NC SPECIAL ONSLOW MEMORIAL HOSPITAL, JACKSONVILLE, NC. COPTER RNAV (GPS) COPTER RNAV (GPS) 272, ORIG MDA 500. 06 SEP 02:00 2018

UNTIL 31 DEC 23:00 2018. CREATED: 06 SEP 00:39 2018

***** All General FDC NOTAMs *****

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

!FDC 8/9577 KZMA FL..ROUTE ZMA. V437 SUBER INT, FL TO HOTAR INT, FL MRA 8000 AT SUBER NORTHBOUND. 02 AUG 13:28 2018 UNTIL 14 MAR 13:28 2019 ESTIMATED. CREATED: 02 AUG 13:29 2018

!FDC 8/8634 KZMA FL..ROUTE ZMA. V3 PALM BEACH (PBI) VORTAC, FL R-190 TO FORT LAUDERDALE (FLL) VOR/DME, FL NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. PBI VORTAC R-190 UNUSABLE. 01 AUG 13:51 2018 UNTIL 13 MAR 13:46 2019 ESTIMATED. CREATED: 01 AUG 13:51 2018

!FDC 8/6123 KZMA FL..ROUTE ZMA. V492, V97 LA BELLE (LBV) VORTAC, FL TO ST PETERSBURG (PIE) VORTAC, FL MEA 5000 GNSS 2000. 20 SEP 19:07 2018 UNTIL 28 FEB 19:06 2019 ESTIMATED. CREATED: 20 SEP 19:08 2018

!FDC 8/5340 KZMA FL..ROUTE ZMA. V295 BLUF1, FL MRA 6000. VKZ VOR/DME R-018 UNUSABLE BEYOND 71 NM. 29 JUN 20:30 2018 UNTIL 08 FEB 20:26 2019 ESTIMATED. CREATED: 29 JUN 20:30 2018

!FDC 8/4369 KZMA FL..SPECIAL NOTICE..Q116 FL ROUTE ERRORS WERE IDENTIFIED IN THE Q116 ROUTE DESCRIPTION IN NASR REGULATORY AIRWAY TEXT FILE AWY.TXT EFFECTIVE 08 NOV 2018. BRUTS FL WP WAS INADVERTANTLY INSERTED BETWEEN PATOY FL WP AND MICES FL WP. BRUTS FL WP IS NOT ON Q116. NOT ALL DATABASES CONTAINS ERRORS. IF YOUR DATABASE HAS NOT BEEN VERIFIED TO BE CORRECT, FILE: PATOY DCT MICES. IF DATABASE HAS BEEN VERIFIED WITH NO ERROR, FILE IN REMARKS SECTION OF FLIGHTPLAN: Q116 GOOD. 10 NOV 23:30 2018 UNTIL 03 JAN 09:00 2019. CREATED: 10 NOV 23:45 2018

!FDC 8/4367 KZMA FL..SPECIAL NOTICE..Q110 FL ROUTE ERRORS WERE IDENTIFIED IN THE Q110 ROUTE DESCRIPTION IN NASR REGULATORY AIRWAY TEXT FILE AWY.TXT EFFECTIVE 08 NOV 2018. KPASA FL WP WAS INADVERTANTLY INSERTED BETWEEN SMELZ FL WP AND AMORY FL WP. BRUTS FL WP WAS INADVERTANTLY INSERTED BETWEEN AMORY FL WP AND JOKKY FL WP. KPASA FL WP AND BRUTS FL WP ARE NOT ON Q110. NOT ALL DATABASES CONTAINS ERRORS. IF YOUR DATABASE HAS NOT BEEN VERIFIED TO BE CORRECT, FILE: SMELZ DCT JOKKY. IF DATABASE HAS BEEN VERIFIED WITH NO ERROR, FILE IN REMARKS SECTION OF FLIGHTPLAN: Q110 GOOD. 10 NOV 23:30 2018 UNTIL 03 JAN 09:00 2019. CREATED: 10 NOV 23:44 2018

!FDC 8/3881 KZMA FL..SPECIAL NOTICE.. GULF OF MEXICO RNAV AND ATLANTIC ROUTES PUBLISHED CO-DESIGNATION ON ENROUTE HIGH CHARTS H-7, H-8, AND

H-9 CHARTS. THE RNAV ROUTES Q100 AND Q102 WILL BE CO-DESIGNATED WITH Y280 AND Y290 RESPECTIVELY. ADDITIONALLY, MULTIPLE ATLANTIC ROUTES (AR) WILL BE CO-DESIGNATED AS Y ROUTES, E.G. AR 21/Y 289. UNTIL FURTHER NOTICE AND COMPLETION OF TRANSITION OF THE U.S. EAST COAST PBN ROUTE STRUCTURE, OPERATORS ARE TO FOLLOW THE PUBLISHED GUIDANCE APPLICABLE TO THE ROUTES INDICATED IN THEIR FLIGHT PLAN. FOR EXAMPLE, OPERATORS FILING TO FLY Q100 ARE TO FOLLOW THE GULF Q ROUTE GUIDANCE IN THE NTAP (PART 3, SECTION 2) GULF OF MEXICO Q ROUTES. ADDITIONALLY, OPERATORS FILING TO FLY Y280 ARE TO FOLLOW THE Y ROUTE GUIDANCE IN THE U. S. AIP (ENR 7). SAME POLICY APPLIES TO CO-DESIGNATED AR AND Y ROUTES. IF AN OPERATOR FLIGHT PLANS A ROUTE OF FLIGHT INDICATING A COMBINATION OF ROUTES WHICH INCLUDES A Y ROUTE, THE AIRCRAFT MUST MEET THE EQUIPAGE AND PERFORMANCE REQUIREMENTS PUBLISHED IN THE AIP SECTION ENR 7.10. PLEASE DIRECT ANY QUESTION TO FLIGHT TECHNOLOGIES AND PROCEDURES DIVISION, 202-267-8790. 09 NOV 15:00 2018 UNTIL PERM. CREATED: 09 NOV 15:01 2018

!FDC 8/3864 KZMA FL..AIRSPACE MARATHON, FL..AIRBORNE TO GND LASER ACT WI AN AREA DEFINED AS: 245258N0804734W TO 244512N0804401W TO 243555N0810846W TO 244443N0811142W TO POINT OF ORIGIN. SFC-2500FT. AVOID AIRBORNE HAZARD BY 5NM Laterally AND 1000FT VERTICALLY. THIS BEAM IS INJURIOUS TO PILOTS'/AIRCROWS' AND PASSENGERS' EYES. MIAMI/MIA/ARTCC TELEPHONE 305-716-1588 IS THE FAA CDN FACILITY. DLY 0500-2359. 30 NOV 05:00 2018 UNTIL 31 DEC 23:59 2018. CREATED: 29 NOV 19:31 2018

!FDC 8/3863 KZMA FL..AIRSPACE PLANTATION KEY, FL..AIRBORNE TO GND LASER ACT WI AN AREA DEFINED AS: 250745N0802822W TO 250157N0801917W TO 244431N0804456W TO 245246N0804834W TO POINT OF ORIGIN. SFC-2500FT. AVOID AIRBORNE HAZARD BY 5NM Laterally AND 1000FT VERTICALLY. THIS BEAM IS INJURIOUS TO PILOTS'/AIRCROWS' AND PASSENGERS' EYES. MIAMI/MIA/ARTCC TELEPHONE 305-716-1588 IS THE FAA CDN FACILITY. DLY 0500-2359. 30 NOV 05:00 2018 UNTIL 31 DEC 23:59 2018. CREATED: 29 NOV 19:30 2018

!FDC 8/3434 KZMA FL..ROUTE ZMA. V225 LA BELLE (LBV) VORTAC, FL TO DIDDY, FL MOCA 1600. 12 JUL 17:29 2018 UNTIL 21 FEB 17:29 2019 ESTIMATED. CREATED: 12 JUL 17:30 2018

!FDC 8/3016 KZMA FL..AIRSPACE KEY WEST, FL..AIRBORNE TO GND LASER ACT WI AN AREA DEFINED AS: 245135N0812734W TO 243153N0812252W TO 242735N0814452W TO 244108N0814822W TO POINT OF ORIGIN. SFC-2500FT. AVOID AIRBORNE HAZARD BY 5NM Laterally AND 1000FT VERTICALLY. THIS BEAM IS INJURIOUS TO PILOTS'/AIRCROWS' AND PASSENGERS' EYES. MIAMI/ZMA/ARTCC TELEPHONE 305-716-1588 IS THE FAA CDN FACILITY. DLY 0500-2359. 20 DEC 05:00 2018 UNTIL 15 JAN 23:59 2019. CREATED: 19 DEC 14:48 2018

!FDC 8/3014 KZMA FL..AIRSPACE MARATHON, FL..AIRBORNE TO GND LASER ACT

WI AN AREA DEFINED AS 245424N0811236W TO 243629N0810757W TO 243152N0812314W TO 245149N0812756W TO POINT OF ORIGIN. SFC-2500FT. AVOID AIRBORNE HAZARD BY 5NM Laterally AND 1000FT VERTICALLY. THIS BEAM IS INJURIOUS TO PILOTS'/AIRCROWS' AND PASSENGERS' EYES. MIAMI/ZMA/ARTCC TELEPHONE 305-716-1588 IS THE FAA CDN FACILITY. DLY 0500-2359. 20 DEC 05:00 2018 UNTIL 15 JAN 23:59 2019. CREATED: 19 DEC 14:48 2018

!FDC 8/2553 KZMA FL..ROUTE ZMA ZJX. V97 ST PETERSBURG (PIE) VORTAC, FL TO DARBS INT, FL MEA 2000 SE, 8000 NW DARBS MCA 7000 NW. V97 DARBS INT, FL TO COP MEA 8000. V97 COP TO CLAMP INT, FL MEA 8000. V97 CLAMP INT, FL TO HEVVN INT, FL MEA 8000 SE, 6000 NW. V97 HEVVN INT, FL TO ADDAX INT, FL MEA 8000 SE, 3000 NW. V97 ADDAX INT, FL TO SEMINOLE (SZW) VORTAC, FL MEA 8000 SE, 2000 NW. PIE VORTAC FLIGHT CHECK RESTRICTION. 18 DEC 17:04 2018 UNTIL 18 DEC 17:04 2020 ESTIMATED. CREATED: 18 DEC 17:04 2018

!FDC 8/1713 KZMA FL..ROUTE ZMA. V531 SHEDS, FL TO BAIRN, FL MEA 8000. 23 JUL 13:47 2018 UNTIL 04 MAR 13:47 2019 ESTIMATED. CREATED: 23 JUL 13:47 2018

!FDC 8/1706 KZMA FL..ROUTE ZMA. V35 DEEDS, FL MCA 5000 SOUTHEASTBOUND. 23 JUL 13:45 2018 UNTIL 04 MAR 13:44 2019 ESTIMATED. CREATED: 23 JUL 13:45 2018

!FDC 8/1704 KZMA FL..ROUTE ZMA. V35 CURVE, FL MCA 5000 NORTHWESTBOUND. 23 JUL 13:43 2018 UNTIL 04 MAR 13:43 2019 ESTIMATED. CREATED: 23 JUL 13:44 2018

!FDC 8/1646 KZMA FL..ROUTE ZMA. V537 PRESK, FL MCA 4000 NORTHWESTBOUND. 01 OCT 14:50 2018 UNTIL 13 MAY 14:50 2019 ESTIMATED. CREATED: 01 OCT 14:50 2018

!FDC 8/1227 KZMA FL..ROUTE ZMA. V511 THNDR, FL TO SIGNL, FL MEA 7000. 10 JUL 15:36 2018 UNTIL 19 FEB 15:36 2019 ESTIMATED. CREATED: 10 JUL 15:36 2018

!FDC 8/0378 KZMA FL..ROUTE ZMA. V35 DEEDS, FL TO LEE COUNTY (RSW) VORTAC, FL MEA 4000. 09 JUL 19:30 2018 UNTIL 18 FEB 19:30 2019 ESTIMATED. CREATED: 09 JUL 19:31 2018

!FDC 8/0291 KZMA FL..ROUTE ZMA. V35 DEEDS INT, FL TO CURVE, FL NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. CYV VOR/DME UNUSABLE BETWEEN DEEDS AND CURVE. 28 SEP 13:38 2018 UNTIL 10 MAY 13:38 2019 ESTIMATED. CREATED: 28 SEP 13:39 2018

!FDC 4/5104 KZMA FL..SPECIAL NOTICE..DEPARTURES FROM ORLANDO TERMINAL AIRSPACE WITH ROUTES THROUGH MIAMI CENTER MUST ADDRESS THEIR FLIGHT PLANS TO JACKSONVILLE CENTER ONLY. FPL MESSAGES SHOULD NOT BE ADDRESSED TO MIAMI CENTER. 29 OCT 17:40 2014 UNTIL PERM. CREATED: 29 OCT 17:50 2014

!FDC 8/9881 KZJX SC..ROUTE ZJX ZDC. V213, V70 GRAND STRAND (CRE) VORTAC, SC TO WILMINGTON (ILM) VORTAC, NC NA. 23 NOV 16:47 2018 UNTIL 23 NOV 16:47 2020 ESTIMATED. CREATED: 23 NOV 16:47 2018

!FDC 8/9817 KZJX SC..ROUTE ZJX ZDC. V1 INLET, SC TO WALLO, NC NA. 23 NOV 14:30 2018 UNTIL 23 NOV 14:29 2020 ESTIMATED. CREATED: 23 NOV 14:31 2018

!FDC 8/8178 KZJX ROUTE ZJX ZTL. V53 WIDER INT, SC TO WILLS INT, SC NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 16 NOV 15:41 2018 UNTIL 16 NOV 15:40 2020 ESTIMATED. CREATED: 16 NOV 15:41 2018

!FDC 8/7178 KZJX SC..ROUTE ZJX. V437 FLORENCE (FLO) VORTAC, SC R-197 TO FILLI INT, SC MEA 4500. CRE VOR R-276 UNUSABLE. 24 AUG 19:02 2018 UNTIL 05 APR 18:52 2019 ESTIMATED. CREATED: 24 AUG 19:02 2018

!FDC 8/6589 KZJX GA..ROUTE ZJX. V159 PECAN (PZD) VOR/DME, GA TO SAWES, GA NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 02 JUL 20:57 2018 UNTIL 11 FEB 20:56 2019 ESTIMATED. CREATED: 02 JUL 20:57 2018

!FDC 8/5845 KZJX FL..ROUTE ZJX. V267 ORLANDO (ORL) VORTAC, FL TO PAOLA, FL DUAL MEA 1900 SOUTHBOUND, 2800 NORTHBOUND. 30 MAY 12:48 2018 UNTIL 09 JAN 12:48 2019 ESTIMATED. CREATED: 30 MAY 12:50 2018

!FDC 8/5598 KZJX FL..ROUTE ZJX. V579 NITTS, FL MCA 4000 SOUTHBOUND. 07 SEP 15:25 2018 UNTIL 28 FEB 15:25 2019 ESTIMATED. CREATED: 07 SEP 15:25 2018

!FDC 8/5144 KZJX AL..ROUTE ZJX ZTL. V521, V7 WIREGRASS (RRS) VORTAC, AL R-331 TO BANBI INT, AL NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. RRS VORTAC R-331 UNUSABLE BEYOND 6 NM. 29 JUN 15:47 2018 UNTIL 08 FEB 15:47 2019 ESTIMATED. CREATED: 29 JUN 15:47 2018

!FDC 8/5058 KZJX FL..ROUTE ZJX. V441 NITTS, FL MCA 4000 SOUTHBOUND. 06 SEP 19:06 2018 UNTIL 28 FEB 19:05 2019 ESTIMATED. CREATED: 06 SEP 19:06 2018

!FDC 8/4359 KZJX FL..SPECIAL NOTICE..Q116 FL ROUTE ERRORS WERE IDENTIFIED IN THE Q116 ROUTE DESCRIPTION IN NASR REGULATORY AIRWAY TEXT FILE AWY.TXT EFFECTIVE 08 NOV 2018. BRUTS FL WP WAS INADVERTANTLY INSERTED BETWEEN PATOY FL WP AND MICES FL WP. BRUTS FL WP IS NOT ON Q116. NOT ALL DATABASES CONTAINS ERRORS. IF YOUR DATABASE HAS NOT BEEN VERIFIED TO BE CORRECT, FILE PATOY DCT MICES. IF DATABASE HAS BEEN VERIFIED WITH NO ERROR, FILE IN REMARKS SECTION OF FLIGHTPLAN: Q116 GOOD. 10 NOV 23:30 2018 UNTIL 03 JAN 09:00 2019. CREATED: 10 NOV 23:42 2018

!FDC 8/4358 KZJX FL..SPECIAL NOTICE..Q110 FL ROUTE ERRORS WERE IDENTIFIED IN THE Q110 ROUTE DESCRIPTION IN NASR REGULATORY AIRWAY TEXT FILE

AWY.TXT EFFECTIVE 08 NOV 2018. KPASA FL WP WAS INADVERTANTLY INSERTED BETWEEN SMELZ FL WP AND AMORY FL WP. BRUTS FL WP WAS INADVERTANTLY INSERTED BETWEEN AMORY FL WP AND JOKKY FL WP. KPASA FL WP AND BRUTS FL WP ARE NOT ON Q110. NOT ALL DATABASES CONTAINS ERRORS. IF YOUR DATABASE HAS NOT BEEN VERIFIED TO BE CORRECT, FILE SMELZ DCT JOKKY. IF DATABASE HAS BEEN VERIFIED WITH NO ERROR, FILE IN REMARKS SECTION OF FLIGHTPLAN: Q110 GOOD. 10 NOV 23:30 2018 UNTIL 03 JAN 09:00 2019. CREATED: 10 NOV 23:41 2018

!FDC 8/4357 KZJX SC..SPECIAL NOTICE..Q69 SC ROUTE DESCRIPTION ERRORS WERE IDENTIFIED IN THE Q69 ROUTE DESCRIPTION IN NASR REGULATORY AIRWAY TEXT FILE AWY.TXT EFFECTIVE 08 NOV 2018. RIELE SC WP WAS INADVERTANTLY INSERTED BETWEEN GURGE SC WP AND BLAAN SC WP. RIELE SC WP IS NOT ON Q69. NOT ALL DATABASES CONTAIN ERRORS. IF YOUR DATABASE HAS NOT BEEN VERIFIED TO BE CORRECT, FILE GURGE DCT BLAAN. IF DATABASE HAS BEEN VERIFIED WITH NO ERROR, FILE IN REMARKS SECTION OF FLIGHTPLAN: ..Q69 GOOD. 10 NOV 23:30 2018 UNTIL 03 JAN 09:00 2019. CREATED: 10 NOV 23:34 2018

!FDC 8/4313 KZJX SC..GA..FL..ROUTE ZJX. Y289 DULEE, OA TO ZILLS, OA. ATC ASSIGNED ONLY. 08 NOV 09:01 2018 UNTIL 30 JAN 09:01 2020 ESTIMATED. CREATED: 29 OCT 20:47 2018

!FDC 8/4310 KZJX SC..GA..FL..ROUTE ZJX. Y291 HOAGG, OA TO SAGGY ,OA. ATC ASSIGNED ONLY. 08 NOV 09:01 2018 UNTIL 30 JAN 09:01 2020 ESTIMATED. CREATED: 29 OCT 20:47 2018

!FDC 8/4309 KZJX SC..GA..FL..ROUTE ZJX. Y299 GRUBR, OA TO JRADN, OA. ATC ASSIGNED ONLY. 08 NOV 09:01 2018 UNTIL 30 JAN 09:01 2020 ESTIMATED. CREATED: 29 OCT 20:47 2018

!FDC 8/4307 KZJX SC..GA..FL..ROUTE ZJX. Y309 PELCN, OA TO IDOLS, OA. ATC ASSIGNED ONLY. 08 NOV 09:01 2018 UNTIL 30 JAN 09:01 2020 ESTIMATED. CREATED: 29 OCT 20:46 2018

!FDC 8/4306 KZJX SC..GA..FL..ROUTE ZJX. Y319 OHLAA, OA TO IDOLS, OA. ATC ASSIGNED ONLY. 08 NOV 09:01 2018 UNTIL 30 JAN 09:01 2020 ESTIMATED. CREATED: 29 OCT 20:46 2018

!FDC 8/4304 KZJX SC..GA..FL..ROUTE ZJX. Y323 CARPX, OA TO IDOLS, OA. ATC ASSIGNED ONLY. 08 NOV 09:01 2018 UNTIL 30 JAN 09:01 2020 ESTIMATED. CREATED: 29 OCT 20:31 2018

!FDC 8/4299 KZJX SC..GA..FL..ROUTE ZJX. Y307 CARPX, OA TO GARIC, OA. ATC ASSIGNED ONLY. 08 NOV 09:01 2018 UNTIL 30 JAN 09:01 2020 ESTIMATED. CREATED: 29 OCT 20:31 2018

!FDC 8/4297 KZJX SC..ROUTE ZJX. Q409 JROSS, SC TO MRPIT, SC. ATC ASSIGNED ONLY. 08 NOV 09:01 2018 UNTIL 30 JAN 09:01 2020 ESTIMATED. CREATED: 29 OCT 20:21 2018

!FDC 8/4296 KZJX SC..ROUTE ZJX. Q135 JROSS, SC TO RAPZZ, SC. ATC ASSIGNED ONLY. 08 NOV 09:01 2018 UNTIL 30 JAN 09:01 2020 ESTIMATED. CREATED: 29 OCT 20:19 2018

!FDC 8/4295 KZJX SC..ROUTE ZJX. Q109 PANDY, SC TO LAANA, SC. ATC ASSIGNED ONLY. 08 NOV 09:01 2018 UNTIL 30 JAN 09:01 2020 ESTIMATED. CREATED: 29 OCT 20:16 2018

!FDC 8/4294 KZJX SC..ROUTE ZJX. Q97 CAKET, SC TO ELLDE, SC. ATC ASSIGNED ONLY. 08 NOV 09:01 2018 UNTIL 30 JAN 09:01 2020 ESTIMATED. CREATED: 29 OCT 20:14 2018

!FDC 8/4291 KZJX SC..ROUTE ZJX. Q85 IGARY, SC TO SMPRR, SC. ATC ASSIGNED ONLY. 08 NOV 09:01 2018 UNTIL 30 JAN 09:01 2020 ESTIMATED. CREATED: 29 OCT 20:08 2018

!FDC 8/4290 KZJX SC..ROUTE ZJX. Q113 RAYVO, SC TO SARKY, SC. ATC ASSIGNED ONLY. 08 NOV 09:01 2018 UNTIL 30 JAN 09:01 2020 ESTIMATED. CREATED: 29 OCT 20:08 2018

!FDC 8/4269 KZJX SC..ROUTE ZJX. Q87 JROSS, SC TO LCAPE, SC. ATC ASSIGNED ONLY. 08 NOV 09:01 2018 UNTIL 30 JAN 09:01 2020 ESTIMATED. CREATED: 29 OCT 19:49 2018

!FDC 8/3878 KZJX AL..FL..SPECIAL NOTICE.. GULF OF MEXICO RNAV AND ATLANTIC ROUTES PUBLISHED CO-DESIGNATION ON ENROUTE HIGH CHARTS H-7, H-8, AND H-9 CHARTS. THE RNAV ROUTES Q100 AND Q102 WILL BE CO-DESIGNATED WITH Y280 AND Y290 RESPECTIVELY. ADDITIONALLY, MULTIPLE ATLANTIC ROUTES (AR) WILL BE CO-DESIGNATED AS Y ROUTES, E.G. AR 21/Y 289. UNTIL FURTHER NOTICE AND COMPLETION OF TRANSITION OF THE U.S. EAST COAST PBN ROUTE STRUCTURE, OPERATORS ARE TO FOLLOW THE PUBLISHED GUIDANCE APPLICABLE TO THE ROUTES INDICATED IN THEIR FLIGHT PLAN. FOR EXAMPLE, OPERATORS FILING TO FLY Q100 ARE TO FOLLOW THE GULF Q ROUTE GUIDANCE IN THE NTAP (PART 3, SECTION 2) GULF OF MEXICO Q ROUTES. ADDITIONALLY, OPERATORS FILING TO FLY Y280 ARE TO FOLLOW THE Y ROUTE GUIDANCE IN THE U. S. AIP (ENR 7). SAME POLICY APPLIES TO CO-DESIGNATED AR AND Y ROUTES. IF AN OPERATOR FLIGHT PLANS A ROUTE OF FLIGHT INDICATING A COMBINATION OF ROUTES WHICH INCLUDES A Y ROUTE, THE AIRCRAFT MUST MEET THE EQUIPAGE AND PERFORMANCE REQUIREMENTS PUBLISHED IN THE AIP SECTION ENR 7.10. PLEASE DIRECT ANY QUESTION TO FLIGHT TECHNOLOGIES AND PROCEDURES DIVISION, 202-267-8790. 09 NOV 15:00

2018 UNTIL PERM. CREATED: 09 NOV 15:01 2018

!FDC 8/3048 KZJX FL..AIRSPACE LAKE BUENA VISTA, FL..LASER LGT DEMONSTRATION WI A 1NM RADIUS OF 282128N0813520W OR ORLANDO VORTAC (ORL231017) SFC-1900FT. LASER LGT BEAMS MAY BE INJURIOUS TO PILOTS'/PASSENGERS' EYES WI 1900FT VERTICALLY AND 4100FT Laterally OF THE LGT SOURCE. FLASH BLINDNESS OR COCKPIT ILLUMINATION MAY OCCUR BEYOND THESE DISTANCES. CENTRAL FLORIDA/F11/ TRACON, TELEPHONE (407) 852-7553 IS THE FAA CDN FACILITY. DLY 2200-0900. 27 OCT 22:00 2018 UNTIL 03 JAN 09:00 2019. CREATED: 26 OCT 15:17 2018

!FDC 8/3047 KZJX FL..AIRSPACE LAKE BUENA VISTA, FL..LASER LGT DEMONSTRATION WI A 1NM RADIUS OF 282206N0813229W OR ORLANDO VORTAC (ORL226015) SFC-900FT. LASER LGT BEAMS MAY BE INJURIOUS TO PILOTS'/PASSENGERS' EYES WI 900FT VERTICALLY AND 3400FT Laterally OF THE LGT SOURCE. FLASH BLINDNESS OR COCKPIT ILLUMINATION MAY OCCUR BEYOND THESE DISTANCES. CENTRAL FLORIDA/F11/ TRACON, TELEPHONE (407) 852-7553 IS THE FAA CDN FACILITY. DLY 2200-0900. 27 OCT 22:00 2018 UNTIL 03 JAN 09:00 2019. CREATED: 26 OCT 15:15 2018

!FDC 8/3046 KZJX FL..AIRSPACE LAKE BUENA VISTA, FL..LASER LGT DEMONSTRATION WI A 0.5NM RADIUS OF 282141N0813330W OR ORLANDO VORTAC (ORL227016) SFC-200FT. LASER LGT BEAMS MAY BE INJURIOUS TO PILOTS'/PASSENGERS' EYES WI 200FT VERTICALLY AND 700FT Laterally OF THE LGT SOURCE. FLASH BLINDNESS OR COCKPIT ILLUMINATION MAY OCCUR BEYOND THESE DISTANCES. CENTRAL FLORIDA /F11/ TRACON, TELEPHONE (407) 852-7553 IS THE FAA CDN FACILITY. DLY 2200-0900. 27 OCT 22:00 2018 UNTIL 03 JAN 09:00 2019. CREATED: 26 OCT 15:12 2018

!FDC 8/2627 KZJX NC..ROUTE ZJX. V136 WILDS, NC TO GRAND STRAND (CRE) VORTAC, SC NA. 04 SEP 15:35 2018 UNTIL 16 APR 15:35 2019 ESTIMATED. CREATED: 04 SEP 15:35 2018

!FDC 8/2621 KZJX SC..ROUTE ZJX. V53 CHARLESTON (CHS) VORTAC, SC TO COLUMBIA (CAE) VORTAC, SC MEA 2100. 04 SEP 15:30 2018 UNTIL 16 APR 15:30 2019 ESTIMATED. CREATED: 04 SEP 15:31 2018

!FDC 8/2551 KZJX FL..ROUTE ZJX ZMA. V97 ST PETERSBURG (PIE) VORTAC, FL TO DARBS INT, FL MEA 2000 SE, 8000 NW DARBS MCA 7000 NW. V97 DARBS INT, FL TO COP MEA 8000. V97 COP TO CLAMP INT, FL MEA 8000. V97 CLAMP INT, FL TO HEVVN INT, FL MEA 8000 SE, 6000 NW. V97 HEVVN INT, FL TO ADDAX INT, FL MEA 8000 SE, 3000 NW. V97 ADDAX INT, FL TO SEMINOLE (SZW) VORTAC, FL MEA 8000 SE, 2000 NW. PIE VORTAC FLIGHT CHECK RESTRICTION. 18 DEC 17:03 2018 UNTIL 18 DEC 17:03 2020 ESTIMATED. CREATED: 18 DEC 17:03 2018

!FDC 8/0327 KZJX SC..ROUTE ZJX ZTL. V37 GREAT INT, SC TO RICHE INT, SC MEA

6000. 09 JUL 18:43 2018 UNTIL 18 FEB 18:43 2019 ESTIMATED. CREATED: 09 JUL 18:44 2018

!FDC 8/0067 KZJX SC..ROUTE ZJX ZTL. V311 GREENWOOD (GRD) VORTAC, SC TO COLUMBIA (CAE) VORTAC, SC MEA 2400. 09 JUL 18:14 2018 UNTIL 18 FEB 18:14 2019 ESTIMATED. CREATED: 09 JUL 18:15 2018

!FDC 4/5111 KZJX FL..SPECIAL NOTICE..DEPARTURES FROM ORLANDO TERMINAL AIRSPACE WITH ROUTES THROUGH MIAMI CENTER MUST ADDRESS THEIR FLIGHT PLANS TO JACKSONVILLE CENTER ONLY. FPL MESSAGES SHOULD NOT BE ADDRESSED TO MIAMI CENTER. 29 OCT 17:53 2014 UNTIL PERM. CREATED: 29 OCT 18:01 2014

!FDC 4/3634 KZJX SPECIAL SECURITY NOTICE. DISNEY WORLD THEME PARK, ORLANDO FL. THIS NOTAM REPLACES NOTAM 9/4985 TO REFLECT A TRANSPORTATION SECURITY ADMINISTRATION (TSA) WEBSITE UPDATE AND ADDITIONAL INFORMATION CONCERNING AIRSPACE WAIVERS. FLIGHT RESTRICTIONS IN THIS NOTAM COMPLY WITH STATUTORY MANDATES DETAILED IN SECTION 352 OF PUBLIC LAW 108-7 AS AMENDED BY SECTION 521 OF PUBLIC LAW 108-199. PURSUANT TO 49 USC 40103(B), THE FEDERAL AVIATION ADMINISTRATION (FAA) CLASSIFIES THE AIRSPACE DEFINED IN THIS NOTAM AS 'NATIONAL DEFENSE AIRSPACE'. ANY PERSON WHO KNOWINGLY OR WILLFULLY VIOLATES THE RULES PERTAINING TO OPERATIONS IN THIS AIRSPACE MAY BE SUBJECT TO CERTAIN CRIMINAL PENALTIES UNDER 49 USC 46307. PILOTS WHO DO NOT ADHERE TO THE FOLLOWING PROCEDURES MAY BE INTERCEPTED, DETAINED AND INTERVIEWED BY LAW ENFORCEMENT/SECURITY PERSONNEL. PURSUANT TO 14 CFR SECTION 99.7, SPECIAL SECURITY INSTRUCTIONS; ALL AIRCRAFT FLIGHT OPERATIONS, INCLUDING UNMANNED AND REMOTE CONTROLLED AIRCRAFT, ARE PROHIBITED WITHIN A 3 NMR OF 282445N/0813420W OR THE ORL238014.8 UP TO AND INCLUDING 3000FT AGL. THE RESTRICTIONS DO NOT APPLY TO THOSE AIRCRAFT AUTHORIZED BY AND IN CONTACT WITH ATC FOR OPERATIONAL OR SAFETY OF FLIGHT PURPOSES, DEPARTMENT OF DEFENSE, LAW ENFORCEMENT, AND AIR AMBULANCE FLIGHT OPERATIONS. FLIGHTS CONDUCTED FOR OPERATIONAL PURPOSES OF ANY DISNEY WORLD EVENT AND VENUE ARE AUTHORIZED WITH AN APPROVED WAIVER. AN FAA AIRSPACE WAIVER DOES NOT RELIEVE OPERATORS FROM OBTAINING ALL OTHER NECESSARY AUTHORIZATIONS AND COMPLYING WITH ALL APPLICABLE FEDERAL AVIATION REGULATIONS. ALL PREVIOUSLY ISSUED WAIVERS TO FDC NOTAM 4/4985 REMAIN VALID UNTIL THE SPECIFIED END DATE BUT NOT TO EXCEED 90 DAYS FOLLOWING THE EFFECTIVE DATE OF THIS NOTAM. INFORMATION ABOUT AIRSPACE WAIVER APPLICATIONS AND TSA SECURITY AUTHORIZATIONS CAN BE FOUND AT [HTTP://WWW.TSA.GOV/STAKEHOLDERS/AIRSPACE-WAIVERS-0](http://www.tsa.gov/stakeholders/airspace-waivers-0) OR BY CALLING TSA AT 571-227-2071. SUBMIT REQUESTS FOR FAA AIRSPACE WAIVERS AT [HTTPS://WAIVERS.FAA.GOV](https://waivers.faa.gov). 27 OCT 15:00 2014 UNTIL PERM. CREATED: 27 OCT 14:57 2014

!FDC 4/3634 KZJX SPECIAL SECURITY NOTICE. DISNEY WORLD THEME PARK, ORLANDO FL. THIS NOTAM REPLACES NOTAM 9/4985 TO REFLECT A TRANSPORTATION SECURITY ADMINISTRATION (TSA) WEBSITE UPDATE AND ADDITIONAL INFORMATION CONCERNING AIRSPACE WAIVERS. FLIGHT RESTRICTIONS IN THIS NOTAM COMPLY WITH STATUTORY MANDATES DETAILED IN SECTION 352 OF PUBLIC LAW 108-7 AS AMENDED BY SECTION 521 OF PUBLIC LAW 108-199. PURSUANT TO 49 USC 40103(B), THE FEDERAL AVIATION ADMINISTRATION (FAA) CLASSIFIES THE AIRSPACE DEFINED IN THIS NOTAM AS 'NATIONAL DEFENSE AIRSPACE'. ANY PERSON WHO KNOWINGLY OR WILLFULLY VIOLATES THE RULES PERTAINING TO OPERATIONS IN THIS AIRSPACE MAY BE SUBJECT TO CERTAIN CRIMINAL PENALTIES UNDER 49 USC 46307. PILOTS WHO DO NOT ADHERE TO THE FOLLOWING PROCEDURES MAY BE INTERCEPTED, DETAINED AND INTERVIEWED BY LAW ENFORCEMENT/SECURITY PERSONNEL. PURSUANT TO 14 CFR SECTION 99.7, SPECIAL SECURITY INSTRUCTIONS; ALL AIRCRAFT FLIGHT OPERATIONS, INCLUDING UNMANNED AND REMOTE CONTROLLED AIRCRAFT, ARE PROHIBITED WITHIN A 3 NMR OF 282445N/0813420W OR THE ORL238014.8 UP TO AND INCLUDING 3000FT AGL. THE RESTRICTIONS DO NOT APPLY TO THOSE AIRCRAFT AUTHORIZED BY AND IN CONTACT WITH ATC FOR OPERATIONAL OR SAFETY OF FLIGHT PURPOSES, DEPARTMENT OF DEFENSE, LAW ENFORCEMENT, AND AIR AMBULANCE FLIGHT OPERATIONS. FLIGHTS CONDUCTED FOR OPERATIONAL PURPOSES OF ANY DISNEY WORLD EVENT AND VENUE ARE AUTHORIZED WITH AN APPROVED WAIVER. AN FAA AIRSPACE WAIVER DOES NOT RELIEVE OPERATORS FROM OBTAINING ALL OTHER NECESSARY AUTHORIZATIONS AND COMPLYING WITH ALL APPLICABLE FEDERAL AVIATION REGULATIONS. ALL PREVIOUSLY ISSUED WAIVERS TO FDC NOTAM 4/4985 REMAIN VALID UNTIL THE SPECIFIED END DATE BUT NOT TO EXCEED 90 DAYS FOLLOWING THE EFFECTIVE DATE OF THIS NOTAM. INFORMATION ABOUT AIRSPACE WAIVER APPLICATIONS AND TSA SECURITY AUTHORIZATIONS CAN BE FOUND AT [HTTP://WWW.TSA.GOV/STAKEHOLDERS/AIRSPACE-WAIVERS-0](http://www.tsa.gov/stakeholders/airspace-waivers-0) OR BY CALLING TSA AT 571-227-2071. SUBMIT REQUESTS FOR FAA AIRSPACE WAIVERS AT [HTTPS://WAIVERS.FAA.GOV](https://waivers.faa.gov). 27 OCT 15:00 2014 UNTIL PERM. CREATED: 27 OCT 14:57 2014

!FDC 8/9878 KZDC SC..ROUTE ZDC ZJX. V213, V70 GRAND STRAND (CRE) VORTAC, SC TO WILMINGTON (ILM) VORTAC, NC NA. 23 NOV 16:45 2018 UNTIL 23 NOV 16:45 2020 ESTIMATED. CREATED: 23 NOV 16:46 2018

!FDC 8/9811 KZDC SC..ROUTE ZDC ZJX. V1 INLET, SC TO WALLO, NC NA. 23 NOV 14:26 2018 UNTIL 23 NOV 14:26 2020 ESTIMATED. CREATED: 23 NOV 14:27 2018

!FDC 8/9688 KZDC NC..ROUTE ZDC. V1 WALLO, NC TO ZAGGY, NC NA. 02 AUG 14:49 2018 UNTIL 14 MAR 14:49 2019 ESTIMATED. CREATED: 02 AUG 14:50 2018

!FDC 8/9680 KZDC NC..ROUTE ZDC. V45 NEW BERN (EWN) VOR/DME, NC TO

BRADE, NC NA. 02 AUG 14:48 2018 UNTIL 14 MAR 14:48 2019 ESTIMATED. CREATED: 02 AUG 14:48 2018

!FDC 8/9675 KZDC NC..ROUTE ZDC. V54 FAYETTEVILLE (FAY) VOR/DME, NC TO KINSTON (ISO) VORTAC, NC NA. 02 AUG 14:47 2018 UNTIL 14 MAR 14:47 2019 ESTIMATED. CREATED: 02 AUG 14:47 2018

!FDC 8/9658 KZDC NC..ROUTE ZDC. V70 BEULA, NC TO PEARS, NC NA. 02 AUG 14:42 2018 UNTIL 14 MAR 14:42 2019 ESTIMATED. CREATED: 02 AUG 14:42 2018

!FDC 8/9642 KZDC NC..ROUTE ZDC. V472 ZAGGY, NC TO KINSTON (ISO) VORTAC, NC NA. 02 AUG 14:29 2018 UNTIL 14 MAR 14:28 2019 ESTIMATED. CREATED: 02 AUG 14:29 2018

!FDC 8/8144 KZDC WV..ROUTE ZDC ZID. V258 BECKLEY (BKW) VORTAC, WV TO ZOOMS, WV NA ; BKW VOR R-131 UNUSABLE. 04 JUN 18:56 2018 UNTIL 14 JAN 18:56 2019 ESTIMATED. CREATED: 04 JUN 18:56 2018

!FDC 8/5256 KZDC NC..ROUTE ZDC. V296 RAEFO, NC TO FAYETTEVILLE (FAY) VOR/DME, NC DUAL MEA 2800 EASTBOUND 5000 WESTBOUND. 29 MAY 17:29 2018 UNTIL 08 JAN 17:29 2019 ESTIMATED. CREATED: 29 MAY 17:29 2018

!FDC 8/5235 KZDC NC..ROUTE ZDC. V54 RAEFO, NC TO FAYETTEVILLE (FAY) VOR/DME, NC DUAL MEA 2800 EASTBOUND 5000 WESTBOUND. 29 MAY 17:23 2018 UNTIL 08 JAN 17:23 2019 ESTIMATED. CREATED: 29 MAY 17:23 2018

!FDC 8/4303 KZDC VA..ROUTE ZDC. V469 EXTRAS, VA MCA 10000 NORTHBOUND. 25 MAY 18:44 2018 UNTIL 04 JAN 18:44 2019 ESTIMATED. CREATED: 25 MAY 18:45 2018

!FDC 8/4293 KZDC WV..ROUTE ZDC. V469 BOIER, WV MCA 10000 SOUTHEASTBOUND. 25 MAY 18:40 2018 UNTIL 04 JAN 18:40 2019 ESTIMATED. CREATED: 25 MAY 18:40 2018

!FDC 8/3984 KZDC SECURITY..SPECIAL SECURITY INSTRUCTIONS..WASHINGTON DC FLIGHT RESTRICTED ZONE (DC FRZ) FLIGHT PLANS MUST BE FILED WITH THE WASHINGTON CENTER FLIGHT DATA UNIT (ZDC FDU) INSTEAD OF FLIGHT SERVICE AS REFERRED TO IN NOTAM 6/7196: LEESBURG AUTOMATED FLIGHT SERVICE STATION AS REFERRED TO IN 49 CFR 1562.3, OR WASHINGTON HUB FLIGHT SERVICE STATION (FSS) AS REFERRED TO IN 14 CFR 93.343, AND POTOMAC (PCT) LETTER TO AIRMEN 19 (LTA-PCT-19). THIS NOTICE AMENDS NOTAM 6/7196, 49 CFR 1562.3, 14 CFR 93.343, AND POTOMAC (PCT) LETTER TO AIRMEN 19 (LTA-PCT-19) UNTIL SUCH TIME THESE INDIVIDUAL DOCUMENTS ARE FORMALLY REVISED TO REFLECT THE CHANGE TO WASHINGTON CENTER FLIGHT DATA UNIT (ZDC FDU) FROM REFERENCES TO FLIGHT SERVICE, LEESBURG AUTOMATED FLIGHT SERVICE STATION, AND WASHINGTON HUB FLIGHT SERVICE STATION (FSS). THERE ARE NO OTHER CHANGES TO DC FRZ

OPERATIONS OR PROCEDURES. 29 MAR 04:01 2018 UNTIL PERM. CREATED: 26 FEB 20:50 2018

!FDC 8/3883 KZDC NC..ROUTE ZDC. V213 WILMINGTON (ILM) VORTAC, NC TO WALLO, NC NA. 29 NOV 19:44 2018 UNTIL 29 NOV 19:44 2020 ESTIMATED. CREATED: 29 NOV 19:45 2018

!FDC 8/3868 KZDC ROUTE ZDC. V70 WILMINGTON (ILM) VORTAC, NC TO BEULA, NC NA. 29 NOV 19:32 2018 UNTIL 29 NOV 19:32 2020 ESTIMATED. CREATED: 29 NOV 19:33 2018

!FDC 8/2606 KZDC VA..ROUTE ZDC. V376 GRUBY, VA TO IRONS, MD MEA 3000. 28 NOV 15:59 2018 UNTIL 28 NOV 15:58 2020 ESTIMATED. CREATED: 28 NOV 15:59 2018

!FDC 8/2596 KZDC VA..ROUTE ZDC. V143 LYNCHBURG (LYH) VORTAC, VA TO MONTEBELLO (MOL) VOR/DME, VA MEA 6400. 17 SEP 19:50 2018 UNTIL 29 APR 19:50 2019 ESTIMATED. CREATED: 17 SEP 19:50 2018

!FDC 8/1181 KZDC MD..ROUTE ZDC. V31 ARUYE, MD MCA 6000 NORTHWESTBOUND. 25 JUN 15:13 2018 UNTIL 04 FEB 15:13 2019 ESTIMATED. CREATED: 25 JUN 15:13 2018

!FDC 8/0056 KZDC NC..ROUTE ZDC. V56 WALLO, NC TO BEULA, NC MEA 7000. 09 JUL 18:09 2018 UNTIL 18 FEB 18:09 2019 ESTIMATED. CREATED: 09 JUL 18:10 2018

!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 SFC-110352FT 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 WITH 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 540-349-7541 IS THE FAA COORDINATION FACILITY. 01 JAN 00:00 2017 UNTIL 31 DEC 23:59 2020. CREATED: 28 DEC 22:22 2016

!FDC 8/9654 KZNY NJ..ROUTE ZNY. V44 SEA ISLE (SIE) VORTAC, NJ TO KARRS, NJ MOCA 1800. 19 JUL 20:28 2018 UNTIL 28 FEB 20:28 2019 ESTIMATED. CREATED: 19

JUL 20:29 2018

!FDC 8/9539 KZNY NY..ROUTE ZNY ZOB. V270 WOMAN, NY TO ELMIRA (ULW) VOR/DME, NY MEA 10000. 21 NOV 17:08 2018 UNTIL 21 NOV 17:08 2020 ESTIMATED. CREATED: 21 NOV 17:08 2018

!FDC 8/9499 KZNY NY..ROUTE ZNY. V35 ELMIRA (ULW) VOR/DME, NY TO STONYFORK (SFK) VOR/DME, PA ULW R-229 UNUSABLE BLO 10000. USE SFK R-044. 21 NOV 16:33 2018 UNTIL 21 NOV 16:33 2020 ESTIMATED. CREATED: 21 NOV 16:36 2018

!FDC 8/9168 KZNY NY..ROUTE ZNY. V35 ELMIRA (ULW) VOR/DME, NY TO COP ULW R-041 MEA 10000. 20 NOV 14:27 2018 UNTIL 20 NOV 14:27 2020 ESTIMATED. CREATED: 20 NOV 14:28 2018

!FDC 8/9161 KZNY NY..ROUTE ZNY. V270 ELMIRA (ULW) VOR/DME, NY TO BINGHAMTON (CFB) VORTAC, NY ULW R-096 UNUSABLE BLO 10000. USE CFB R-275. 20 NOV 14:26 2018 UNTIL 20 NOV 14:26 2020 ESTIMATED. CREATED: 20 NOV 14:26 2018

!FDC 8/9158 KZNY NY..ROUTE ZNY. V147 ELMIRA (ULW) VOR/DME, NY TO COP ULW R-141 MEA 10000. 20 NOV 14:24 2018 UNTIL 20 NOV 14:24 2020 ESTIMATED. CREATED: 20 NOV 14:25 2018

!FDC 8/8922 KZNY NJ..ROUTE ZNY. V312 DRIFT, NJ TO PREPI, OA GNSS 2500. 05 JUN 20:12 2018 UNTIL 15 JAN 20:12 2019 ESTIMATED. CREATED: 05 JUN 20:12 2018

!FDC 8/8110 KZNY ROUTE ZNY. V139, V268, V308 MANTA, NJ MCA 12000 SOUTHWESTBOUND. 04 JUN 18:36 2018 UNTIL 14 JAN 18:33 2019 ESTIMATED. CREATED: 04 JUN 18:36 2018

!FDC 8/7288 KZNY NY..ROUTE ZNY. V451 LA GUARDIA (LGA) VOR/DME, NY TO NESSI, CT MOCA 1900. 01 NOV 18:59 2018 UNTIL 13 JUN 18:59 2019 ESTIMATED. CREATED: 01 NOV 18:59 2018

!FDC 8/7287 KZNY NY..ROUTE ZNY. V99 LA GUARDIA (LGA) VOR/DME, NY TO OUTTE, CT MOCA 1900. 01 NOV 18:57 2018 UNTIL 13 JUN 18:57 2019 ESTIMATED. CREATED: 01 NOV 18:58 2018

!FDC 8/5346 KZNY NJ..ROUTE ZNY. V44 KARRS, NJ TO DEER PARK (DPK) VOR/DME, NY GNSS 2500. 06 SEP 21:24 2018 UNTIL 18 APR 21:24 2019 ESTIMATED. CREATED: 06 SEP 21:24 2018

!FDC 8/4377 KZNY NJ..ROUTE ZNY. J209 COYLE (CYN) VORTAC, NJ R-046 TO WHITE INT, NJ NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. CYN VORTAC R-046 UNUSABLE. 25 MAY 20:38 2018 UNTIL 04 JAN 20:38

2019 ESTIMATED. CREATED: 25 MAY 20:38 2018

!FDC 8/4376 KZNY NJ..ROUTE ZNY. V1, V16, V229 DIXIE INT, NJ TO KENNEDY (JFK) VOR/DME, NY NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. CYN VORTAC R-046 UNUSABLE. 25 MAY 20:38 2018 UNTIL 04 JAN 20:38 2019 ESTIMATED. CREATED: 25 MAY 20:38 2018

!FDC 8/4375 KZNY NJ..ROUTE ZNY. V1, V16 COYLE (CYN) VORTAC, NJ R-046 TO DIXIE INT, NJ NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. CYN VORTAC R-046 UNUSABLE. 25 MAY 20:38 2018 UNTIL 04 JAN 20:38 2019 ESTIMATED. CREATED: 25 MAY 20:38 2018

!FDC 8/4221 KZNY MD..ROUTE ZNY. V378 BELAY, MD MCA 9500 NORTHEASTBOUND. 25 MAY 17:54 2018 UNTIL 04 JAN 17:54 2019 ESTIMATED. CREATED: 25 MAY 17:55 2018

!FDC 8/3033 KZNY MD..ROUTE ZNY ZDC. V39 HYPER, MD TO LANCASTER (LRP) VOR/DME, PA MEA 9000. 19 DEC 15:49 2018 UNTIL 19 DEC 15:49 2020 ESTIMATED. CREATED: 19 DEC 15:50 2018

!FDC 8/2646 KZNY NJ..ROUTE ZNY. V273 FALLZ, NJ TO HUGUENOT (HUO) VOR/DME, NY MEA 3400. 04 SEP 16:13 2018 UNTIL 16 APR 16:13 2019 ESTIMATED. CREATED: 04 SEP 16:14 2018

!FDC 8/1177 KZNY PA..ROUTE ZNY. V499 MARRC, PA TO MEGSS, PA MEA 8000. 25 JUN 15:10 2018 UNTIL 04 FEB 15:10 2019 ESTIMATED. CREATED: 25 JUN 15:11 2018

!FDC 8/1169 KZNY PA..ROUTE ZNY. V499 CHLSE, PA TO MARRC, PA MEA 6000. 25 JUN 15:02 2018 UNTIL 04 FEB 15:01 2019 ESTIMATED. CREATED: 25 JUN 15:02 2018

!FDC 8/0904 KZNY NY..ROUTE ZNY. V31 ELMIRA (ULW) VOR/DME, NY TO COP ULW R-178 UNUSABLE BLO 10000. 26 NOV 18:08 2018 UNTIL 26 NOV 18:08 2020 ESTIMATED. CREATED: 26 NOV 18:09 2018

!FDC 8/0860 KZNY NY..ROUTE ZNY ZOB. V36 BURST, NY TO ELMIRA (ULW) VOR/DME, NY MEA 10000. 26 NOV 18:02 2018 UNTIL 26 NOV 18:02 2020 ESTIMATED. CREATED: 26 NOV 18:03 2018

!FDC 8/0851 KZNY NY..ROUTE ZNY ZOB. V147 ELMIRA (ULW) VOR/DME, NY R-337 TO ATTAR, NY MEA 10000. 26 NOV 18:00 2018 UNTIL 26 NOV 18:00 2020 ESTIMATED. CREATED: 26 NOV 18:00 2018

!FDC 8/0847 KZNY NY..ROUTE ZNY ZOB. V31 ELMIRA (ULW) VOR/DME, NY TO BEEPS, NY MEA 10000. 26 NOV 17:58 2018 UNTIL 26 NOV 17:57 2020 ESTIMATED. CREATED: 26 NOV 17:58 2018

!FDC 8/0374 KZNY PA..ROUTE ZNY. V474 DELRO, PA TO MODENA (MXE) VORTAC, PA MOCA NA. 09 JUL 19:29 2018 UNTIL 18 FEB 19:29 2019 ESTIMATED. CREATED: 09 JUL 19:29 2018

!FDC 8/0371 KZNY PA..ROUTE ZNY. V184 MODENA (MXE) VORTAC, PA MCA 10000 WESTBOUND. DELRO, PA MCA 10000 EASTBOUND. 09 JUL 19:28 2018 UNTIL 18 FEB 19:28 2019 ESTIMATED. CREATED: 09 JUL 19:28 2018

!FDC 8/0368 KZNY PA..ROUTE ZNY. V474 MODENA (MXE) VORTAC, PA MCA 10000 WESTBOUND. DELRO, PA MCA 10000 EASTBOUND. 09 JUL 19:27 2018 UNTIL 18 FEB 19:27 2019 ESTIMATED. CREATED: 09 JUL 19:27 2018

!FDC 8/0365 KZNY PA..ROUTE ZNY. V184 DELRO, PA TO MODENA (MXE) VORTAC, PA MOCA NA. 09 JUL 19:25 2018 UNTIL 18 FEB 19:25 2019 ESTIMATED. CREATED: 09 JUL 19:25 2018

!FDC 8/0132 KZNY PA..ROUTE ZNY. V184 PHILIPSBURG (PSB) VORTAC, PA TO DELRO, PA MEA/MOCA 4900. 06 NOV 19:26 2018 UNTIL 18 JUN 19:26 2019 ESTIMATED. CREATED: 06 NOV 19:26 2018

!FDC 8/0131 KZNY PA..ROUTE ZNY ZOB. V184 TIDIOUTE (TDT) VORTAC, PA TO PHILIPSBURG (PSB) VORTAC, PA MEA/MOCA 5200. 06 NOV 19:26 2018 UNTIL 18 JUN 19:26 2019 ESTIMATED. CREATED: 06 NOV 19:26 2018

!FDC 8/0129 KZNY PA..ROUTE ZNY. V33 HARRISBURG (HAR) VORTAC, PA TO PHILIPSBURG (PSB) VORTAC, PA MEA/MOCA 4900. 06 NOV 19:24 2018 UNTIL 18 JUN 19:24 2019 ESTIMATED. CREATED: 06 NOV 19:25 2018

!FDC 8/0126 KZNY PA..ROUTE ZNY. V265 HARRISBURG (HAR) VORTAC, PA TO PHILIPSBURG (PSB) VORTAC, PA MEA/MOCA 4900. 06 NOV 19:23 2018 UNTIL 18 JUN 19:23 2019 ESTIMATED. CREATED: 06 NOV 19:23 2018

!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 SFC-FL360 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 781-779-7901 IS THE FAA COORDINATION FACILITY. 04 MAR 23:00 2016 UNTIL 31 DEC 23:00 2018. CREATED: 03 MAR 18:13 2016

***** All International NOTAMs *****

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

KZMA 18/A1845 KZMA 20181221115400 20181221145400 EROP X4532 attention airline dispatchers, some operations appear to be using the NOTAM beginning time to start filing routes

around the launch operations. Launch hazard area times IN the NOTAM are altitude specific and DO not affect all operations. This NOTAM contains A breakdown of the times for pre-launch and launch closures. The following airspace IS IN use for A missile launch/SPLASH down. During these times Miami Center (KZMA) Air Route Traffic Control Center (ARTCC)/OAC, Jacksonville Center (ZJX) Air Route Traffic Control Center (ARTCC) and New York Center (KZNY) Air Route Traffic Control Center (ARTCC)/OAC will not approve IFR flight WI 45 nautical miles of the affected oceanic stationary airspace reservations west of 6000W, 50 nautical miles between 6000W and 5500W, and 60 nautical miles east of 5500W OR WI affected warning area airspace. Effective Dec 21, 2018 1154Z to Dec 21, 2018 1454Z W497A west of 80 west, surface-5,000 feet mean sea level effective Dec 21, 2018 1154Z to Dec 21, 2018 1454Z Cape Air Traffic Control assigned airspace, surface to flight level 180 effective Dec 21, 2018 1324Z to Dec 21, 2018 1454Z R2933, 5,000 feet mean sea level-unlimited effective Dec 21, 2018 1324Z to Dec 21, 2018 1454Z R2934, surface-unlimited effective Dec 21, 2018 1354Z to Dec 21, 2018 1454Z launch hazard area A WI an area defined as 28° 35' North 080° 39' West to 28° 51' North 080° 16' West to 28° 58' North 080° 03' West to 28° 55' North 080° 02' West to 28° 47' North 080° 09' West to 28° 35' North 080° 23' West to 28° 30' North 080° 35' West to Point of origin, surface-unlimited. This area ENCOMPASSES portions of R2932, R2933, and W497A/B. Launch hazard area B WI an area defined as 33° 01' North 075° 54' West to 34° 46' North 074° 27' West to 35° 20' North 073° 36' West to 34° 49' North 073° 01' West to 34° 06' North 073° 34' West to 32° 51' North 075° 45' West to Point of ORIGIN, surface-unlimited. IN the interest of safety, all non-participating pilots are strongly advise to avoid the above area, except as noted below for flight plan filing purposes. For further guidance, see Air Traffic Control System Command Center (ATCSCC) advisories. The following restrictions will be IN effect WI Miami Center (KZMA) and New York Center (KZNY) Flight Information Regions. All traffic regardless of altitude must be estimated to clear oceanic altitude reservation (ALTRV) at OR before Dec 21, 2018 1349Z. New York Center (KZNY) request aircraft certified for RNP 4/10 file routes to avoid hazard area B by 25 nautical miles, and non certified RNP 4/10 aircraft avoid area B by 45 nautical miles during the hazard period Dec 21, 2018 1354Z to Dec 21, 2018 1454Z. The following routes will be impacted: AR-6, AR-8, AR-15, L452, L453, M201, M202, M325, Q89, Y185, and Y585. HIBAC transients SHIFTY star closed. For flights filed over OMN on the following stars: FISEL/GISSH/FRWAY/CAYSL expect A reroute via OMN J79 TRV and TRV transition. Reroutes for affected "AR" routes will be contained IN FAA Air Traffic Control command Center advisory. Because of the indefinite opening time, some airline operations are rerouting flights unnecessarily. EXCEPTING the New York Center (KZNY) request above, all flights with routes that would normally transit through oceanic operations areas during operations window Dec 21, 2018 1354Z- Dec 21, 2018 1454Z should file their normal route but plan on receiving reroute FM Air Traffic Control. Miami Center (KZMA) will reroute only those flights necessary to clear the affected areas while IN use. Expect the following international reroutes: AR6/15 closed at Dec 21, 2018 1154Z AR8 closed. L452 closed. L453 non RNP-4/10: AZEZU.B24.WEBBB.L454.ATUGI.LSIER.L453 M201 closed. M202 non RNP-4/10: UKOKA..33° 25' North 73° 0' West .ONGOT.M202 M325 closed. Y185/Q89 PRMUS Q97 EBAYY direct VENDS and reverse Y585 OMN J79 TRV direct CVIKK and reverse hazard area C for second stage recovery FM space IS located WI JOHANNESBURG Flight Information Region FM 21° 0' South 6° 0' West to 19° 30' South 0° 30' West to 28° 0' South 8° 0' East to 31° 0' South 3° 0' East to Point of ORIGIN, surface-unlimited Dec 21, 2018 1943Z to Dec 21, 2019 2137Z. See FAJO NOTAM A5002/18. Surface - unlimited see text, 21

December 11:54 2018 until 21 December 14:54 2018. Created: 19 December 23:56 2018

KZMA 18/A1841 KZMA 20181221115400 20181221145400 Stationary altitude reservation Cape Air Traffic Control assigned airspace active for A rocket launch. Miami Center will not approve IFR flights and VFR should exercise extreme caution WI an area defined as 28° 47' North 080° 50' West to 28° 47' North 080° 21' West to 28° 47' North 079° 50' West to 28° 25' North 079° 50' West to 28° 25' North 080° 30' West to 28° 25' North 080° 41' West to 28° 31' North 080° 44' West to 28° 38' North 080° 47' West to Point of origin. This altitude reservation ENCOMPASSES portions of R2933, R2934, and W497A. Surface - flight level 180, 21 December 11:54 2018 until 21 December 14:54 2018. Created: 19 December 23:35 2018

KZMA 18/A1839 KZMA 20181220150000 20181220210000 Lake PLACID Military Operations Area active. Miami Center will not approve IFR flight and VFR flights are encouraged to exercise extreme caution WI an area defined as 27° 35' North 081° 42' West to 27° 55' North 081° 25' West to 27° 42' North 081° 25' West to 27° 32' North 081° 21' West to 27° 30' North 081° 17' West to 27° 24' North 081° 10' West to 27° 15' North 081° 04' West to 27° 04' North 081° 16' West to 27° 04' North 081° 28' West to Point of origin. 7,000 feet - flight level 400, 20 December 15:00 2018 until 20 December 21:00 2018. Created: 19 December 21:58 2018

KZMA 18/A1838 KZMA 20181220150000 20181220210000 Avon HI complex active. Miami Center will not approve IFR flights WI an area defined as 28° 00' North 081° 21' West to 28° 00' North 081° 14' West to 27° 44' North 081° 08' West to 27° 34' North 081° 04' West to 27° 21' North 081° 00' West to 27° 16' North 081° 06' West to 27° 24' North 081° 11' West to 27° 30' North 081° 18' West to 27° 32' North 081° 22' West to 27° 42' North 081° 25' West to 27° 44' North 081° 25' West to 27° 55' North 081° 25' West to Point of origin. Airspace IS above the western half of BASINGER Military Operations Area (LINE bisecting NE to SW), R2901A/B/C/D/E/F/G/H/I/J /K/L/M/N, Avon east Military Operations Area and north of Avon east Military Operations Area. VFR flights are encouraged to exercise extreme caution. Surface - flight level 400, 20 December 15:00 2018 until 20 December 21:00 2018. Created: 19 December 21:56 2018

KZMA 18/A1837 KZMA 20181221231500 20190107010000 Miami Center (ZMA) FL..Airspace PALM beach, FL..Temporary flight restrictions. December 21 , 2018-January 6 2019 local. Pursuant to 49 USC 40103(B)(3), 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. *** Part 2 missing *** *** part 3 missing *** *** part 4 missing *** *** part 5 missing ***

KZMA 18/A1837 KZMA 20181221231500 20190107010000 Miami Center (ZMA)
FL..Airspace PALM beach, FL..Temporary flight restrictions. December 21 , 2018-January 6
2019 local. Pursuant to 49 USC 40103(B)(3), 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
regulations, aircraft flight operations are prohibited WI an area defined as 30 nautical miles
radius of 264047N0800327W (PBI094001.6) surface-17,999 feet MSL; excluding an area
defined as 2 nautical miles radius of 271054N0801317W (PBI349030.9) surface-17,999 feet
MSL; excluding an area defined as 2 nautical miles radius of 261150N0801014W
(FLL004007.4) surface-17,999 feet mean sea level effective Dec 21, 2018 2315Z UTC (1815
local 12/21/18) until Jan 07, 2019 0100Z UTC (2000 local 01/06/19). WI an area defined as 10
nautical miles radius of 264047N0800327W (PBI094001.6) surface-17,999 feet mean sea level
effective Dec 21, 2018 2315Z UTC (1815 local 12/21/18) until Jan 07, 2019 0100Z UTC (2000
local 01/06/19). Network (DEN): A. All aircraft operations WI the 10 nautical miles radius
AREA(S) listed above, known as the inner CORE(S), are prohibited except for: approved law
enforcement, military aircraft directly supporting the united states secret service (USSS) and the
office of the president of the united states, approved air ambulance flights, and regularly
scheduled commercial passenger and all-cargo carriers operating under one of the following
TSA-approved standard security programs/procedures: aircraft operator standard security
program (AOSSP), full all-cargo aircraft operator standard security program (FACAOSSP),
model security program (MSP), twelve five standard security program (TFSSP) all cargo, OR
all-cargo international security procedure (ACISP) and are arriving into and/OR departing from
14 CFR part 13,900 feet airports. All emergency/life saving flight (MEDICAL/law
enforcement/FIREFIGHTING) operations must coordinate with Air Traffic Control prior to their
departure at 56,100 feet-68,400 feet-9047 to avoid potential delays. B. For operations WI the
airspace between the 10 nautical miles radius and 30 nautical miles radius AREA(S) listed
above, known as the Outer RING(S): all aircraft operating WI the Outer RING(S) listed above
are limited to aircraft arriving OR departing local airfields, and workload permitting, Air Traffic
Control May authorize transit operations. Aircraft May not LOITER. All aircraft must be on an
active IFR OR filed VFR flight plan with A discrete code assigned by an air traffic control
(ATC) facility. Aircraft must be squawking the discrete code prior to departure and at all times
while IN the Temporary Flight Restriction and must remain IN two-way radio communications
with Air Traffic Control. C. All flight operations not covered IN paragraph A WI the 10 nautical
miles radius area must be security SCREENED by TSA at A gateway airport prior to arriving
OR departing PALM beach international airport (KPBI). Aircraft operators must register with
the TSA for gateway SCREENING no less than 24 hours prior to their scheduled departure time.
Reservations for SCREENING May begin on 12/20/2018 and last through the duration of the

event by calling TSA at 56,100 feet-61,600 feet-9650. D. Gateway airports have been Created at PALM beach international airport (KPBI), ORLANDO international airport (KMCO), fort LAUDERDALE international airport (KFLL), DULLES international airport (KIAD) , TETERBORO airport (KTEB), and WESTCHESTER CO. Airport (KHPN) by TSA to accommodate aircraft arriving OR departing PALM beach international airport (KPBI). E. TSA SCREENING will not be available on Friday 12/21/2018. TSA SCREENING will be available daily 0800-1700 local effective Dec 22, 2018 1300Z UTC (0800 local 12/22/18) to Jan 06, 2019 2200Z UTC (1700 local 01/06/19). Pilots, crew and passengers must provide valid government-issued photo identification to the TSA at the gateway airport. Gateway SCREENING will include ID verification and VETTING of all pilots, crew and passengers, SCREENING of persons and baggage, and inspection of the aircraft. No FIREARMS on board aircraft will be authorized. F. On departure from A gateway airport aircraft must maintain radio contact with Air Traffic Control and continuously squawk an Air Traffic Control-assigned discrete code. Intermediate stops while enroute are not authorized unless an emergency exists. G. The following operations are not authorized WI this Temporary Flight Restriction: 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), and utility and pipeline survey operations. H. Unmanned aircraft system operators who DO not comply with applicable airspace restrictions are warned that pursuant to 18 U.S.C. Section 3056A, 10 U.S.C. Section 130I, and 6 U.S.C. Section 12,100 feet (AS AMENDED) , the department of HOMELAND security (DHS), united states secret service (USSS), and the department of defense (DOD) May take security action that RESULTS IN the interference, disruption, seizure, damaging, OR destruction of unmanned aircraft deemed to pose A credible safety OR security threat to protected personnel, FACILTIES, OR assets. I. FAA recommends that all aircraft operators check NOTAMS frequently for possible changes to this Temporary Flight Restriction prior to operations WI this region. Dec 21, 2018 2315Z to Jan 07, 2019 0100Z 21 December 23:15 2018 until 07 January 01:00 2019. Created: 19 December 16:06 2018

KZMA 18/A1834 KZMA 20181220115800 20181220145800 Stationary altitude reservation Cape Air Traffic Control assigned airspace active for A rocket launch. Miami Center will not approve IFR flights and VFR should exercise extreme caution WI an area defined as 28° 47' North 080° 50' West to 28° 47' North 080° 21' West to 28° 47' North 079° 50' West to 28° 25' North 079° 50' West to 28° 25' North 080° 30' West to 28° 25' North 080° 41' West to 28° 31' North 080° 44' West to 28° 38' North 080° 47' West to Point of origin. This altitude reservation ENCOMPASSES portions of R2933, R2934, and W497A. Surface - flight level 180, 20 December 11:58 2018 until 20 December 14:58 2018. Created: 19 December 14:32 2018

KZMA 18/A1832 KZMA 20181220115800 20181220145800 EROP X4532 attention airline dispatchers: some operations appear to be using the NOTAM beginning time to start filing routes around the launch Offshore Pacific. Launch hazard area times IN the NOTAM are altitude specific and DO not affect all operations. This NOTAM contains A breakdown of the times for pre-launch and launch closures. The following airspace IS IN use for A missile launch/SPLASH down. During these times Miami Center (KZMA) Air Route Traffic Control Center (ARTCC)/OAC, Jacksonville Center (ZJX) Air Route Traffic Control Center (ARTCC) and New

York Center (KZNY) Air Route Traffic Control Center (ARTCC)/OAC will not approve IFR flight WI 45 nautical miles of the affected oceanic stationary airspace reservations west of 6000W, 50 nautical miles between 6000W and 5500W, and 60 nautical miles east of 5500W OR WI affected warning area airspace. Effective: Dec 20, 2018 1158Z Dec 20, 2018 1458Z W497A west of 80 west, surface-5,000 feet mean sea level effective: Dec 20, 2018 1158Z Dec 20, 2018 1458Z Cape Air Traffic Control assigned airspace, surface to flight level 180 effective: Dec 20, 2018 1328Z Dec 20, 2018 1458Z R2933, 5,000 feet mean sea level-unlimited effective: Dec 20, 2018 1328Z Dec 20, 2018 1458Z R2934, surface-unlimited effective: Dec 20, 2018 1358Z Dec 20, 2018 1458Z launch hazard area A WI an area defined as 28° 35' North 080° 39' West to 28° 51' North 080° 16' West to 28° 58' North 080° 03' West to 28° 55' North 080° 02' West to 28° 47' North 080° 09' West to 28° 35' North 080° 23' West to 28° 30' North 080° 35' West to Point of origin. Surface-unlimited. This area ENCOMPASSES portions of R2932, R2933, and W497A/B. Launch hazard area B WI an area defined as 33° 01' North 075° 54' West to 34° 46' North 074° 27' West to 35° 20' North 073° 36' West to 34° 49' North 073° 01' West to 34° 06' North 073° 34' West to 32° 51' North 075° 45' West to Point of ORIGIN. Surface-unlimited. IN the interest of safety, all non-participating pilots are strongly advised to avoid the above area, except as noted below for flight plan filing purposes. For further guidance, see Air Traffic Control System Command Center (ATCSCC) advisories. The following restrictions will be IN effect WI Miami Center (KZMA) and New York Center (KZNY) Flight Information Regions. All traffic regardless of altitude must be estimated to clear oceanic ALTRV at OR before Dec 20, 2018 1353Z. New York Center (KZNY) request aircraft certified for RNP 4/10 file routes to avoid hazard area B by 25 nautical miles, and non certify RNP 4/10 aircraft avoid area B by 45 nautical miles during the hazard period Dec 20, 2018 1358Z to Dec 20, 2018 1458Z. The following routes will be impacted: AR-6, AR-8, AR-15, L452, L453, M201, M202, M325, Q89, Y185, and Y585. HIBAC transients SHIFTY star closed. For flights filed over OMN on the following stars: FISEL/GISSH/FRWAY/CAYSL expect A reroute via OMN J79 TRV and TRV transition. Reroutes for affected "AR" routes will be contained IN FAA Air Traffic Control command Center advisory. Because of the indefinite opening time, some airline operations are rerouting flights unnecessarily. EXCEPTING the New York Center (KZNY) request above, all flights with routes that would normally transit through oceanic Offshore Pacific areas during Offshore Pacific window Dec 20, 2018 1358Z through Dec 20, 2018 1458Z should file their normal route but plan on receiving reroute FM Air Traffic Control. Miami Center (KZMA) will reroute only those flights necessary to clear the affected areas while IN use. Expect the following international reroutes: AR6/15 closed at 1812201158Z AR8 closed. L452 closed. L453 non RNP-4/10: AZEZU.B24.WEBBB.L454.ATUGI.LSIER.L453 M201 closed. M202 non RNP-4/10: UKOKA..33° 25' North 73° 0' West .ONGOT.M202 M325 closed. Y185/Q89 PRMUS Q97 EBAYY direct VENDS and reverse Y585 OMN J79 TRV direct CVIKK and reverse hazard area C for second stage recovery from space IS located WI JOHANNESBURG Flight Information Region from 21° 0' South 6° 0' West to 19° 30' South 0° 30' West to 28° 0' South 8° 0' East to 31° 0' South 3° 0' East to Point of ORIGIN. Surface-unlimited Dec 20, 2018 1947Z to Dec 20, 2019 2141Z. See FAJO NOTAM A5002/18. Surface - unlimited 20 December 11:58 2018 until 20 December 14:58 2018. Created: 19 December 14:14 2018

KZMA 18/A1806 KZMA 20181219120200 20181219150200 Attention airline dispatchers, some operations appear to be using the NOTAM beginning time to start filing routes around the launch Offshore Pacific. Launch hazard area times IN the NOTAM are altitude specific and DO

not affect all operations. This NOTAM contains A breakdown of the times for pre-launch and launch closures. The following airspace IS IN use for A missile launch/SPLASH down. During these times Miami Center (KZMA) Air Route Traffic Control Center (ARTCC)/OAC, Jacksonville Center (ZJX) Air Route Traffic Control Center (ARTCC) and New York Center (KZNY) Air Route Traffic Control Center (ARTCC)/OAC will not approve IFR flight WI 45 nautical miles of the affected oceanic stationary airspace reservations west of 6000W, 50 nautical miles between 6000W and 5500W, and 60 nautical miles east of 5500W OR WI affected warning area airspace. Effective: Dec 19, 2018 1202Z Dec 19, 2018 1502Z W497A west of 80 west, surface-5,000 feet mean sea level effective: Dec 19, 2018 1202Z Dec 19, 2018 1502Z Cape Air Traffic Control assigned airspace, surface to flight level 180 part 1 of 3. See text, *** part 2 missing *** *** part 3 missing ***

KZMA 18/A1718 KZMA 20181203130000 20190131235900 Fix ZEUSS IS unusable until January 31, 2019. Aircraft entering Miami Center (ZMA) airspace from HAVANA Flight Information Region (MUFH) please REFRAIN from using the fix ZEUSS until January 31, 2019. URSUS/bordo Canada be utilized. 03 December 13:00 2018 until 31 January 23:59 2019. Created: 03 December 13:23 2018

KZMA 18/A1690 KZMA 20181120173000 20191119170000 Due to Florida METROPLEX Q and Y route implementation GNSS equipped aircraft departing from south Florida (ZMA) shall file the following routes (AR routes EXEMPT) then rejoin preferred routes to destination to the northeast (OVERLAND) departing MIA/OPF/TMB/HWO/07FA via -STYMY ZERBO Q87 JROSS- departing FLL/FXE/PMP via - SEAZY ONEWY Q87 JROSS - departing PBI/SUA/BCT/F45/variable/FPR via - MATLK Q87 JROSS - departing TPA/SRQ/VNC via - CAMJO PANDY - departing RSW/FMY/PGD via - LAL JINOS ETORE FEMON Q87 JROSS - departing APF/MKY via - ORL DUCEN Q87 JROSS - departing EYW via - CARNU grids Q87 JROSS - departing MTH via - grids Q87 JROSS - to the MIDWEST (OVERLAND) departing MIA/OPF/TMB/HWO/07FA/FLL/FXE/PMP/BCT/SUA/PBI/variable/FPR/F45 via - SMELZ JOKKY - departing TPA/PIE via - LACEN AMORY DAWWN - departing SRQ/VNC via - MOMIE AMORY DAWWN - departing APF/MKY/RSW/FMY via - LAL AMORY JOKKY - departing EYW via - KARTR FEMID Q118 SHEEK SMELZ JOKKY Q110 - departing MTH via - FEMID Q118 SHEEK SMELZ JOKKY Q110 - to the west (OVERLAND) departing MIA/OPF/TMB/HWO/07FA/FLL/FXE/PMP/BCT/PBI/SUA/variable/FPR/F45 via - SMELZ PATOY MICES Q116 - departing TPA/PIE via - LACEN PATOY JAWJA - departing SRQ/VNC via - MOMIE PATOY JAWJA - departing APF/MKY/RSW/FMY/PGD via - LAL PATOY MICES Q116 - departing EYW via - KARTR FEMID Q118 SHEEK SMELZ PATOY MICES Q116 - departing MTH via - FEMID Q118 SHEEK SMELZ PATOY MICES Q116 - to the west (OVER GULF) departing MIA/OPF/TMB/HWO/07FA via - DOLIE Y280 LEV - departing FLL/FXE/PMP via - JAYMC Y280 LEV - departing TPA/SRQ/VNC/PIE via -REMIS Y280 LEV - departing RSW/FMY/PGD/APF/MKY via - REMIS Y280 LEV - departing EYW via - TUNSL Q81 THMPR Y290 CIGAR - departing MTH via - KARTR Q81 THMPR Y290 CIGAR -. Flight level 180 - flight level 999 20 November 17:30 2018 until 19 November 17:00 2019. Created: 20 November 17:32 2018

KZMA 18/A1648 KZMA 20181109220000 20191109200000 GNSS equipped aircraft entering Miami Center airspace (ZMA) FM New York oceanic airspace (ZWY) depending on their DEST

must file as follows: to MDSD: L451 - LETON L451 IORIO POKEG UT17 KOBET G446 CDO L452 - LNHOM L452 SLUKA POKEG UT17 KOBET G446 CDO L453 - lamer L453 RODRK POKEG UT17 KOBET G446 CDO L454 - LUCTI L454 MNDEZ POKEG UT17 KOBET G446 CDO B891 - WATRS B891 POKEG UT17 KOBET G446 CDO to MDPC: L451 - LETON L451 IORIO POKEG UT17 KOBET G446 PETRI W28 PNA L452 - LNHOM L452 SLUKA POKEG UT17 KOBET G446 PETRI W28 PNA L453 - lamer L453 RODRK POKEG UT17 KOBET G446 PETRI W28 PNA L454 - LUCTI L454 MNDEZ POKEG UT17 KOBET G446 PETRI W28 PNA B891 - WATRS B891 POKEG UT17 KOBET G446 PETRI W28 PNA to MDCY: L451 - LETON L451 IORIO POKEG UT17 KOBET W37 DCY L452 - LNHOM L452 SLUKA POKEG UT17 KOBET W37 DCY L453 - lamer L453 RODRK POKEG UT17 KOBET W37 DCY L454 - LUCTI L454 MNDEZ POKEG UT17 KOBET W37 DCY B891 - WATRS B891 POKEG UT17 KOBET W37 DCY to MDST: L451 - LETON L451 IORIO SEKAR A554 PTA T13 SGO L452 - LNHOM L452 SLUKA SEKAR A554 PTA T13 SGO L453 - lamer L453 RODRK SEKAR A554 PTA T13 SGO L454 - LUCTI L454 MNDEZ SEKAR A554 PTA T13 SGO B891 - WATRS B891 POKEG B891 PTA T13 SGO to MDPP: L451 - LETON L451 IORIO SEKAR A554 PTA L452 - LNHOM L452 SLUKA SEKAR A554 PTA L453 - lamer L453 RODRK SEKAR A554 PTA L454 - LUCTI L454 MNDEZ SEKAR A554 PTA B891 - WATRS B891 POKEG B891 PTA to TNCN/TQPF: L451 - LETON L451 IORIO FIPEK Y355 SLUGO L452 - LNHOM L452 SLUKA FIPEK Y355 SLUGO L453 - lamer L453 RODRK FIPEK Y355 SLUGO L454 - LUCTI L454 MNDEZ FIPEK Y355 SLUGO to TISX/TUPJ: L451 - LETON L451 IORIO FIPEK Y355 KOLAO L452 - LNHOM L452 SLUKA FIPEK Y355 KOLAO L453 - lamer L453 RODRK FIPEK Y355 KOLAO L454 - LUCTI L454 MNDEZ FIPEK Y355 KOLAO to TJSJ/TJIG: L451 - LETON L451 IORIO FIPEK Y355 PLING RTE7 SAALR L452 - LNHOM L452 SLUKA FIPEK Y355 PLING RTE7 SAALR L453 - lamer L453 RODRK FIPEK Y355 PLING RTE7 SAALR L454 - LUCTI L454 MNDEZ FIPEK Y355 PLING RTE7 SAALR to TIST: L451 - LETON L451 IORIO FIPEK Y355 KOLAO JETSS L452 - LNHOM L452 SLUKA FIPEK Y355 KOLAO JETSS L453 - lamer L453 RODRK FIPEK Y355 KOLAO JETSS L454 - LUCTI L454 MNDEZ FIPEK Y355 KOLAO JETSS. 09 November 22:00 2018 until 09 November 20:00 2019. Created: 09 November 22:29 2018

KZMA 18/A1636 KZMA 20181108000000 PERM Route Y587 IS closed between SKIPS and HARDE. Surface - flight level 600, 08 November 00:00 2018 until permanent. Created: 07 November 14:43 2018

KZMA 18/A0207 KZMA 20180129212600 PERM Obstacle tower light the 25th at 0417Z.8N 0813545.3W (EYW020031.1) unserviceable. Surface - 144 feet above mean sea level, 29 January 21:26 2018 until 31 December 23:59 2018 estimated. Created: 29 January 22:21 2018

KZMA 16/A1270 KZMA 20161110175500 PERM Route G431 IS not AUTH southbound between waypoints IORIO and ELMUC. Operators wishing to use G431 SOUTHBOUND must file IORIO G504 COUKY Y585 ELMUC. Flight level 055 - flight level 600, 10 November 17:55 2016 until permanent. Created: 10 November 17:57 2016

KZMA 16/A1262 KZMA 20161110050100 PERM Route L451 IS not authorized southbound between waypoints IORIO and ELMUC. Operators wishing to use L451 SOUTHBOUND

must file L451 IORIO L450 COUKY Y585 ELMUC. Flight level 055 - flight level 600, 10 November 05:01 2016 until permanent. Created: 08 November 16:30 2016

KZMA 16/A0846 KZMA 20160628144300 PERM MAIMI Center no longer requires A 10MIN call prior to crossing the Miami Flight Information Region boundary except for northbound traffic over following locations: northbound aircraft from Santo Domingo Flight Information Region use 126.45. Northbound aircraft from Port-Au-Prince Flight Information Region use 123.77. Northbound aircraft from Cuba Flight Information Region overflying DINAH at OR above flight level 240 and all aircraft overflying ENAMO and ERRCA use 127.22. Aircraft from Cuba Flight Information Region over GHANN, OVALU OR BYGON use 123.77. All these aircraft shall call Miami Center 10MIN prior to crossing the Miami CTA/Flight Information Region boundary due to heavy air traffic congestion. Surface - flight level 600, 28 June 14:43 2016 until permanent. Created: 28 June 14:52 2016

KZMA 15/A1319 KZMA 20151211145400 PERM Single-engine aircraft operating under part 13,500 feet filing into FLL area airports (FLL/FXE/HWO/OPF/PMP) via the DEKAL intersection (DEKAL two, WAVUN one, BR22V, BR55V) should expect to cross DEKAL at 11,000 feet when carrying passengers (135.183). When part 135.183 rules apply, pilots should include the following note IN the remarks section (BLOCK 11) of their flight plan: require 11,000 feet at DEKAL for 135.183. All other non-turbojet aircraft and single-engine part 13,500 feet aircraft not carrying passengers should expect to cross DEKAL at 4,000 feet. 11 December 14:54 2015 until permanent. Created: 11 December 14:59 2015

KZMA 15/A1318 KZMA 20151211145700 PERM Subject: operation of grand Bahama air TRAFFICE services. Airmen and airline operators are advised than effective immediately, all VOR routes within the grand Bahama TMA and at the grand Bahama international airport [MYGF] Global Positioning System waypoints overlays shall be utilized. See commonwealth of the Bahamas Aeronautical Information Circular 07/01, governing the use of the GNSS/area navigation (RNAV) procedures IN the Bahamas domestic airspace and Aeronautical Information Circular 12/02, NOVEMBER 14,2001, for original area navigation (RNAV) approach procedures for runway 06/24, at the grand Bahama international airport, FREEPORT, Bahamas. Also see Aeronautical Information Publication en-route 3 for Air Traffic Service route description, en-route 3.3, page 3-3-1 for area navigation [RNAV] routes, engine 6-1-5 enroute waypoint chart and en-route 6-1-3 air traffic service system for waypoint/airway overlay. Aircraft not equipped with GNSS/area navigation (RNAV) equipment shall be required to operate between the hours of sunrise and sunset IN visual Meteorological conditions (VMC) unless specific approval IS granted by the appropriate Air Traffic Service authority. Specific waivers shall be granted for hospital emergency/ medical evacuation flights. Air traffic SERVICES will be provided twenty Four (24) hours daily. 11 December 14:57 2015 until permanent. Created: 11 December 14:58 2015

KZMA 15/A1317 KZMA 20151211145500 PERM United States domestic departures from northeast airports landing central/south Florida airports, that transition through west Atlantic route system airspace (WATRS), shall not file the following airways southwest bound into Miami Center (ZMA) OR Jacksonville Center (ZJX) airspace: M202, M203, M204 without prior coordination through the FAA system command Center. European and Canadian departures are

exempt from this restriction. Surface - flight level 600. 11 December 14:55 2015 until permanent. Created: 11 December 14:58 2015

KZMA 15/A1313 KZMA 20151211134100 PERM APF/MKY departure aircraft filing flight plans for destinations west of ATL that are equipped with advanced navigation capabilities requesting at OR above flight level 360 are strongly encouraged to file direct MOOKY direct HILTI then direct points north. Flight level 360 - unlimited, 11 December 13:41 2015 until permanent. Created: 11 December 13:47 2015

KZMA 15/A0342 KZMA 20150320132800 PERM Due to NAVAID limitation route BR2L from wreck intermittent to DUKKY intermittent navigation equipment other than LF OR VHF required. Flight level 030 - flight level 600, 20 March 13:28 2015 until permanent. Created: 20 March 13:33 2015

KZMA 15/A0341 KZMA 20150320133000 PERM Due to NAVAID limitation route A555 from GUANA intermittent to GEROT intermittent navigation equipment other than LF OR VHF required. Flight level 030 - flight level 600, 20 March 13:30 2015 until permanent. Created: 20 March 13:26 2015

KZMA 14/A0863 KZMA 20141028185500 PERM Operators departing from ORLANDO terminal airports with routes through Miami Center should file A flight plan only with Jacksonville Center. FPL message should not be addressed to Miami Center (KZMA). 28 October 18:55 2014 until permanent. Created: 28 October 18:56 2014

KZJX 18/A2093 KZJX 20181221115400 20181221145400 EROP X4532 attention airline dispatchers, some operations appear to be using the NOTAM beginning time to start filing routes around the launch operations. Launch hazard area times IN the NOTAM are altitude specific and DO not affect all operations. This NOTAM contains A breakdown of the times for pre-launch and launch closures. The following airspace IS IN use for A missile launch/SPLASH down. During these times Miami Center (KZMA) Air Route Traffic Control Center (ARTCC)/OAC, Jacksonville Center (ZJX) Air Route Traffic Control Center (ARTCC) and New York Center (KZNY) Air Route Traffic Control Center (ARTCC)/OAC will not approve IFR flight WI 45 nautical miles of the affected oceanic stationary airspace reservations west of 6000W, 50 nautical miles between 6000W and 5500W, and 60 nautical miles east of 5500W OR WI affected warning area airspace. Effective Dec 21, 2018 1154Z to Dec 21, 2018 1454Z W497A west of 80 west, surface-5,000 feet mean sea level effective Dec 21, 2018 1154Z to Dec 21, 2018 1454Z Cape Air Traffic Control assigned airspace, surface to flight level 180 effective Dec 21, 2018 1324Z to Dec 21, 2018 1454Z R2933, 5,000 feet mean sea level-unlimited effective Dec 21, 2018 1324Z to Dec 21, 2018 1454Z R2934, surface-unlimited effective Dec 21, 2018 1354Z to Dec 21, 2018 1454Z launch hazard area A WI an area defined as 28° 35' North 080° 39' West to 28° 51' North 080° 16' West to 28° 58' North 080° 03' West to 28° 55' North 080° 02' West to 28° 47' North 080° 09' West to 28° 35' North 080° 23' West to 28° 30' North 080° 35' West to Point of origin, surface-unlimited. This area ENCOMPASSES portions of R2932, R2933, and W497A/B. Launch hazard area B WI an area defined as 33° 01' North 075° 54' West to 34° 46' North 074° 27' West to 35° 20' North 073° 36' West to 34° 49' North 073° 01' West to 34° 06' North 073° 34' West to 32° 51' North 075° 45' West to Point of ORGIN, surface-unlimited. IN

the interest of safety, all non-participating pilots are strongly advise to avoid the above area, except as noted below for flight plan filing purposes. For further guidance, see Air Traffic Control System Command Center (ATCSCC) advisories. The following restrictions will be IN effect WI Miami Center (KZMA) and New York Center (KZNY) Flight Information Regions. All traffic regardless of altitude must be estimated to clear oceanic altitude reservation (ALTRV) at OR before Dec 21, 2018 1349Z. New York Center (KZNY) request aircraft certified for RNP 4/10 file routes to avoid hazard area B by 25 nautical miles, and non certified RNP 4/10 aircraft avoid area B by 45 nautical miles during the hazard period Dec 21, 2018 1354Z to Dec 21, 2018 1454Z. The following routes will be impacted: AR-6, AR-8, AR-15, L452, L453, M201, M202, M325, Q89, Y185, and Y585. HIBAC transients SHIFTY star closed. For flights filed over OMN on the following stars: FISEL/GISSH/FRWAY/CAYSL expect A reroute via OMN J79 TRV and TRV transition. Reroutes for affected "AR" routes will be contained IN FAA Air Traffic Control command Center advisory. Because of the indefinite opening time, some airline operations are rerouting flights unnecessarily. EXCEPTING the New York Center (KZNY) request above, all flights with routes that would normally transit through oceanic operations areas during operations window Dec 21, 2018 1354Z- Dec 21, 2018 1454Z should file their normal route but plan on receiving reroute FM Air Traffic Control. Miami Center (KZMA) will reroute only those flights necessary to clear the affected areas while IN use. Expect the following international reroutes: AR6/15 closed at Dec 21, 2018 1154Z AR8 closed. L452 closed. L453 non RNP-4/10: AZEZU.B24.WEBBB.L454.ATUGI.LSIER.L453 M201 closed. M202 non RNP-4/10: UKOKA..33° 25' North 73° 0' West .ONGOT.M202 M325 closed. Y185/Q89 PRMUS Q97 EBAYY direct VENDS and reverse Y585 OMN J79 TRV direct CVIKK and reverse hazard area C for second stage recovery FM space IS located WI JOHANNESBURG Flight Information Region FM 21° 0' South 6° 0' West to 19° 30' South 0° 30' West to 28° 0' South 8° 0' East to 31° 0' South 3° 0' East to Point of ORIGIN, surface-unlimited Dec 21, 2018 1943Z to Dec 21, 2019 2137Z. See FAJO NOTAM A5002/18. Surface - unlimited see text, 21 December 11:54 2018 until 21 December 14:54 2018. Created: 20 December 00:11 2018

KZJX 18/A2089 KZJX 20181220115800 20181220145800 EROP X4532 attention airline dispatchers: some operations appear to be using the NOTAM beginning time to start filing routes around the launch Offshore Pacific. Launch hazard area times IN the NOTAM are altitude specific and DO not affect all operations. This NOTAM contains A breakdown of the times for pre-launch and launch closures. The following airspace IS IN use for A missile launch/SPLASH down. During these times Miami Center (KZMA) Air Route Traffic Control Center (ARTCC)/OAC, Jacksonville Center (ZJX) Air Route Traffic Control Center (ARTCC) and New York Center (KZNY) Air Route Traffic Control Center (ARTCC)/OAC will not approve IFR flight WI 45 nautical miles of the affected oceanic stationary airspace reservations west of 6000W, 50 nautical miles between 6000W and 5500W, and 60 nautical miles east of 5500W OR WI affected warning area airspace. Effective: Dec 20, 2018 1158Z Dec 20, 2018 1458Z W497A west of 80 west, surface-5,000 feet mean sea level effective: Dec 20, 2018 1158Z Dec 20, 2018 1458Z Cape Air Traffic Control assigned airspace, surface to flight level 180 effective: Dec 20, 2018 1328Z Dec 20, 2018 1458Z R2933, 5,000 feet mean sea level-unlimited effective: Dec 20, 2018 1328Z Dec 20, 2018 1458Z R2934, surface-unlimited effective: Dec 20, 2018 1358Z Dec 20, 2018 1458Z launch hazard area A WI an area defined as 28° 35' North 080° 39' West to 28° 51' North 080° 16' West to 28° 58' North 080° 03' West to 28° 55' North 080° 02' West to 28° 47' North 080° 09' West to 28° 35' North 080° 23' West to 28° 30' North 080° 35' West to Point of

origin. Surface-unlimited. This area ENCOMPASSES portions of R2932, R2933, and W497A/B. Launch hazard area B WI an area defined as 33° 01' North 075° 54' West to 34° 46' North 074° 27' West to 35° 20' North 073° 36' West to 34° 49' North 073° 01' West to 34° 06' North 073° 34' West to 32° 51' North 075° 45' West to Point of ORIGIN. Surface-unlimited. IN the interest of safety, all non-participating pilots are strongly advised to avoid the above area, except as noted below for flight plan filing purposes. For further guidance, see Air Traffic Control System Command Center (ATCSCC) advisories. The following restrictions will be IN effect WI Miami Center (KZMA) and New York Center (KZNY) Flight Information Regions. All traffic regardless of altitude must be estimated to clear oceanic ALTRV at OR before Dec 20, 2018 1353Z. New York Center (KZNY) request aircraft certified for RNP 4/10 file routes to avoid hazard area B by 25 nautical miles, and non certify RNP 4/10 aircraft avoid area B by 45 nautical miles during the hazard period Dec 20, 2018 1358Z to Dec 20, 2018 1458Z. The following routes will be impacted: AR-6, AR-8, AR-15, L452, L453, M201, M202, M325, Q89, Y185, and Y585. HIBAC transients SHIFTY star closed. For flights filed over OMN on the following stars: FISEL/GISSH/FRWAY/CAYSL expect A reroute via OMN J79 TRV and TRV transition. Reroutes for affected "AR" routes will be contained IN FAA Air Traffic Control command Center advisory. Because of the indefinite opening time, some airline operations are rerouting flights unnecessarily. EXCEPTING the New York Center (KZNY) request above, all flights with routes that would normally transit through oceanic Offshore Pacific areas during Offshore Pacific window Dec 20, 2018 1358Z through Dec 20, 2018 1458Z should file their normal route but plan on receiving reroute FM Air Traffic Control. Miami Center (KZMA) will reroute only those flights necessary to clear the affected areas while IN use. Expect the following international reroutes: AR6/15 closed at 1812201158Z AR8 closed. L452 closed. L453 non RNP-4/10: AZEZU.B24.WEBBB.L454.ATUGI..LSIER.L453 M201 closed. M202 non RNP-4/10: UKOKA..33° 25' North 73° 0' West .ONGOT.M202 M325 closed. Y185/Q89 PRMUS Q97 EBAYY direct VENDS and reverse Y585 OMN J79 TRV direct CVIKK and reverse hazard area C for second stage recovery from space IS located WI JOHANNESBURG Flight Information Region from 21° 0' South 6° 0' West to 19° 30' South 0° 30' West to 28° 0' South 8° 0' East to 31° 0' South 3° 0' East to Point of ORIGIN. Surface-unlimited Dec 20, 2018 1947Z to Dec 20, 2019 2141Z. See FAJO NOTAM A5002/18. Surface - unlimited 20 December 11:58 2018 until 20 December 14:58 2018. Created: 19 December 14:19 2018

KZJX 18/A2062 KZJX 20181219120200 20181219150200 Attention airline dispatchers, some operations appear to be using the NOTAM beginning time to start filing routes around the launch Offshore Pacific. Launch hazard area times IN the NOTAM are altitude specific and DO not affect all operations. This NOTAM contains A breakdown of the times for pre-launch and launch closures. The following airspace IS IN use for A missile launch/SPLASH down. During these times Miami Center (KZMA) Air Route Traffic Control Center (ARTCC)/OAC, Jacksonville Center (ZJX) Air Route Traffic Control Center (ARTCC) and New York Center (KZNY) Air Route Traffic Control Center (ARTCC)/OAC will not approve IFR flight WI 45 nautical miles of the affected oceanic stationary airspace reservations west of 6000W, 50 nautical miles between 6000W and 5500W, and 60 nautical miles east of 5500W OR WI affected warning area airspace. Effective: Dec 19, 2018 1202Z Dec 19, 2018 1502Z W497A west of 80 west, surface-5,000 feet mean sea level effective: Dec 19, 2018 1202Z Dec 19, 2018 1502Z Cape Air Traffic Control assigned airspace, surface to flight level 180 part 1 of 3. See text, *** part 2 missing *** *** part 3 missing ***

KZDC 18/A0290 KZDC 20181109220000 20191109200000 GNSS equipped aircraft entering Miami Center airspace (ZMA) FM New York oceanic airspace (ZWY) depending on their DEST must file as follows: to MDSD: L451 - LETON L451 IORIO POKEG UT17 KOBET G446 CDO L452 - LNHOM L452 SLUKA POKEG UT17 KOBET G446 CDO L453 - lamer L453 RODRK POKEG UT17 KOBET G446 CDO L454 - LUCTI L454 MNDEZ POKEG UT17 KOBET G446 CDO B891 - WATRS B891 POKEG UT17 KOBET G446 CDO to MDPC: L451 - LETON L451 IORIO POKEG UT17 KOBET G446 PETRI W28 PNA L452 - LNHOM L452 SLUKA POKEG UT17 KOBET G446 PETRI W28 PNA L453 - lamer L453 RODRK POKEG UT17 KOBET G446 PETRI W28 PNA L454 - LUCTI L454 MNDEZ POKEG UT17 KOBET G446 PETRI W28 PNA B891 - WATRS B891 POKEG UT17 KOBET G446 PETRI W28 PNA to MDCY: L451 - LETON L451 IORIO POKEG UT17 KOBET W37 DCY L452 - LNHOM L452 SLUKA POKEG UT17 KOBET W37 DCY L453 - lamer L453 RODRK POKEG UT17 KOBET W37 DCY L454 - LUCTI L454 MNDEZ POKEG UT17 KOBET W37 DCY B891 - WATRS B891 POKEG UT17 KOBET W37 DCY to MDST: L451 - LETON L451 IORIO SEKAR A554 PTA T13 SGO L452 - LNHOM L452 SLUKA SEKAR A554 PTA T13 SGO L453 - lamer L453 RODRK SEKAR A554 PTA T13 SGO L454 - LUCTI L454 MNDEZ SEKAR A554 PTA T13 SGO B891 - WATRS B891 POKEG B891 PTA T13 SGO to MDPP: L451 - LETON L451 IORIO SEKAR A554 PTA L452 - LNHOM L452 SLUKA SEKAR A554 PTA L453 - lamer L453 RODRK SEKAR A554 PTA L454 - LUCTI L454 MNDEZ SEKAR A554 PTA B891 - WATRS B891 POKEG B891 PTA to TNCN/TQPF: L451 - LETON L451 IORIO FIPEK Y355 SLUGO L452 - LNHOM L452 SLUKA FIPEK Y355 SLUGO L453 - lamer L453 RODRK FIPEK Y355 SLUGO L454 - LUCTI L454 MNDEZ FIPEK Y355 SLUGO to TISX/TUPJ: L451 - LETON L451 IORIO FIPEK Y355 KOLAO L452 - LNHOM L452 SLUKA FIPEK Y355 KOLAO L453 - lamer L453 RODRK FIPEK Y355 KOLAO L454 - LUCTI L454 MNDEZ FIPEK Y355 KOLAO to TJSJ/TJIG: L451 - LETON L451 IORIO FIPEK Y355 PLING RTE7 SAALR L452 - LNHOM L452 SLUKA FIPEK Y355 PLING RTE7 SAALR L453 - lamer L453 RODRK FIPEK Y355 PLING RTE7 SAALR L454 - LUCTI L454 MNDEZ FIPEK Y355 PLING RTE7 SAALR to TIST: L451 - LETON L451 IORIO FIPEK Y355 KOLAO JETSS L452 - LNHOM L452 SLUKA FIPEK Y355 KOLAO JETSS L453 - lamer L453 RODRK FIPEK Y355 KOLAO JETSS L454 - LUCTI L454 MNDEZ FIPEK Y355 KOLAO JETSS 09 November 22:00 2018 until 09 November 20:00 2019. Created: 09 November 22:39 2018

KZNY 18/A0497 KZNY 20181221115400 20181221145400 EROP X4532 attention airline dispatchers, some operations appear to be using the NOTAM beginning time to start filing routes around the launch operations. Launch hazard area times IN the NOTAM are altitude specific and DO not affect all operations. This NOTAM contains A breakdown of the times for pre-launch and launch closures. The following airspace IS IN use for A missile launch/SPLASH down. During these times Miami Center (KZMA) Air Route Traffic Control Center (ARTCC)/OAC, Jacksonville Center (ZJX) Air Route Traffic Control Center (ARTCC) and New York Center (KZNY) Air Route Traffic Control Center (ARTCC)/OAC will not approve IFR flight WI 45 nautical miles of the affected oceanic stationary airspace reservations west of 6000W, 50 nautical miles between 6000W and 5500W, and 60 nautical miles east of 5500W OR WI affected warning area airspace. Effective Dec 21, 2018 1154Z to Dec 21, 2018 1454Z W497A west of 80 west, surface-5,000 feet mean sea level effective Dec 21, 2018 1154Z to Dec 21, 2018 1454Z

Cape Air Traffic Control assigned airspace, surface to flight level 180 effective Dec 21, 2018 1324Z to Dec 21, 2018 1454Z R2933, 5,000 feet mean sea level-unlimited effective Dec 21, 2018 1324Z to Dec 21, 2018 1454Z R2934, surface-unlimited effective Dec 21, 2018 1354Z to Dec 21, 2018 1454Z launch hazard area A WI an area defined as 28° 35' North 080° 39' West to 28° 51' North 080° 16' West to 28° 58' North 080° 03' West to 28° 55' North 080° 02' West to 28° 47' North 080° 09' West to 28° 35' North 080° 23' West to 28° 30' North 080° 35' West to Point of origin, surface-unlimited. This area ENCOMPASSES portions of R2932, R2933, and W497A/B. Launch hazard area B WI an area defined as 33° 01' North 075° 54' West to 34° 46' North 074° 27' West to 35° 20' North 073° 36' West to 34° 49' North 073° 01' West to 34° 06' North 073° 34' West to 32° 51' North 075° 45' West to Point of ORIGIN, surface-unlimited. IN the interest of safety, all non-participating pilots are strongly advise to avoid the above area, except as noted below for flight plan filing purposes. For further guidance, see Air Traffic Control System Command Center (ATCSCC) advisories. The following restrictions will be IN effect WI Miami Center (KZMA) and New York Center (KZNY) Flight Information Regions. All traffic regardless of altitude must be estimated to clear oceanic altitude reservation (ALTRV) at OR before Dec 21, 2018 1349Z. New York Center (KZNY) request aircraft certified for RNP 4/10 file routes to avoid hazard area B by 25 nautical miles, and non certified RNP 4/10 aircraft avoid area B by 45 nautical miles during the hazard period Dec 21, 2018 1354Z to Dec 21, 2018 1454Z. The following routes will be impacted: AR-6, AR-8, AR-15, L452, L453, M201, M202, M325, Q89, Y185, and Y585. HIBAC transients SHIFTY star closed. For flights filed over OMN on the following stars: FISEL/GISSH/FRWAY/CAYSL expect A reroute via OMN J79 TRV and TRV transition. Reroutes for affected "AR" routes will be contained IN FAA Air Traffic Control command Center advisory. Because of the indefinite opening time, some airline operations are rerouting flights unnecessarily. EXCEPTING the New York Center (KZNY) request above, all flights with routes that would normally transit through oceanic operations areas during operations window Dec 21, 2018 1354Z- Dec 21, 2018 1454Z should file their normal route but plan on receiving reroute FM Air Traffic Control. Miami Center (KZMA) will reroute only those flights necessary to clear the affected areas while IN use. Expect the following international reroutes: AR6/15 closed at Dec 21, 2018 1154Z AR8 closed. L452 closed. L453 non RNP-4/10: AZEZU.B24.WEBBB.L454.ATUGI.LSIER.L453 M201 closed. M202 non RNP-4/10: UKOKA..33° 25' North 73° 0' West .ONGOT.M202 M325 closed. Y185/Q89 PRMUS Q97 EBAYY direct VENDS and reverse Y585 OMN J79 TRV direct CVIKK and reverse hazard area C for second stage recovery FM space IS located WI JOHANNESBURG Flight Information Region FM 21° 0' South 6° 0' West to 19° 30' South 0° 30' West to 28° 0' South 8° 0' East to 31° 0' South 3° 0' East to Point of ORIGIN, surface-unlimited Dec 21, 2018 1943Z to Dec 21, 2019 2137Z. See FAJO NOTAM A5002/18. Surface - unlimited see text, 21 December 11:54 2018 until 21 December 14:54 2018. Created: 20 December 00:12 2018

KZNY 18/A0496 KZNY 20181220090000 20190131235900 The Bermuda radar system IS out of service and non-radar procedures are IN effect: 1.Traffic landing TXKF should flight plan and expect flight level 310 OR below at the New York oceanic CTA/Flight Information Region boundary and May encounter flow restrictions due to volume and/OR adverse weather conditions. 2. All aircraft must file via the MOMOM OR POPOP standard terminal arrival (STAR) 3. Only the DASER, ANVER and RNGRS transitions of the MOMOM arrival are allowed 4. Only the BALTN and JIMAC transitions of the POPOP arrival are allowed 5. All aircraft must file via either the BORNIN OR SOMRR departure procedure (DP) 6. Non-area

navigation (RNAV) traffic landing TXKF must flight plan to DASER, ANVER, RNGRS, BALTN, OR JIMAC fix on the 180 nautical miles arc from Bermuda then airway to Bermuda VOR. 7. Aircraft landing OR departing TXKF should expect minimum 15 minute arrival/departure delays and should flight plan fuel accordingly. 20 December 09:00 2018 until 31 January 23:59 2019. Created: 19 December 19:09 2018

KZNY 18/A0492 KZNY 20181220115800 20181220145800 EROP X4532 attention airline dispatchers: some operations appear to be using the NOTAM beginning time to start filing routes around the launch Offshore Pacific. Launch hazard area times IN the NOTAM are altitude specific and DO not affect all operations. This NOTAM contains A breakdown of the times for pre-launch and launch closures. The following airspace IS IN use for A missile launch/SPLASH down. During these times Miami Center (KZMA) Air Route Traffic Control Center (ARTCC)/OAC, Jacksonville Center (ZJX) Air Route Traffic Control Center (ARTCC) and New York Center (KZNY) Air Route Traffic Control Center (ARTCC)/OAC will not approve IFR flight WI 45 nautical miles of the affected oceanic stationary airspace reservations west of 6000W, 50 nautical miles between 6000W and 5500W, and 60 nautical miles east of 5500W OR WI affected warning area airspace. Effective: Dec 20, 2018 1158Z Dec 20, 2018 1458Z W497A west of 80 west, surface-5,000 feet mean sea level effective: Dec 20, 2018 1158Z Dec 20, 2018 1458Z Cape Air Traffic Control assigned airspace, surface to flight level 180 effective: Dec 20, 2018 1328Z Dec 20, 2018 1458Z R2933, 5,000 feet mean sea level-unlimited effective: Dec 20, 2018 1328Z Dec 20, 2018 1458Z R2934, surface-unlimited effective: Dec 20, 2018 1358Z Dec 20, 2018 1458Z launch hazard area A WI an area defined as 28° 35' North 080° 39' West to 28° 51' North 080° 16' West to 28° 58' North 080° 03' West to 28° 55' North 080° 02' West to 28° 47' North 080° 09' West to 28° 35' North 080° 23' West to 28° 30' North 080° 35' West to Point of origin. Surface-unlimited. This area ENCOMPASSES portions of R2932, R2933, and W497A/B. Launch hazard area B WI an area defined as 33° 01' North 075° 54' West to 34° 46' North 074° 27' West to 35° 20' North 073° 36' West to 34° 49' North 073° 01' West to 34° 06' North 073° 34' West to 32° 51' North 075° 45' West to Point of ORIGIN. Surface-unlimited. IN the interest of safety, all non-participating pilots are strongly advised to avoid the above area, except as noted below for flight plan filing purposes. For further guidance, see Air Traffic Control System Command Center (ATCSCC) advisories. The following restrictions will be IN effect WI Miami Center (KZMA) and New York Center (KZNY) Flight Information Regions. All traffic regardless of altitude must be estimated to clear oceanic ALTRV at OR before Dec 20, 2018 1353Z. New York Center (KZNY) request aircraft certified for RNP 4/10 file routes to avoid hazard area B by 25 nautical miles, and non certify RNP 4/10 aircraft avoid area B by 45 nautical miles during the hazard period Dec 20, 2018 1358Z to Dec 20, 2018 1458Z. The following routes will be impacted: AR-6, AR-8, AR-15, L452, L453, M201, M202, M325, Q89, Y185, and Y585. HIBAC transients SHIFTY star closed. For flights filed over OMN on the following stars: FISEL/GISSH/FRWAY/CAYSL expect A reroute via OMN J79 TRV and TRV transition. Reroutes for affected "AR" routes will be contained IN FAA Air Traffic Control command Center advisory. Because of the indefinite opening time, some airline operations are rerouting flights unnecessarily. EXCEPTING the New York Center (KZNY) request above, all flights with routes that would normally transit through oceanic Offshore Pacific areas during Offshore Pacific window Dec 20, 2018 1358Z through Dec 20, 2018 1458Z should file their normal route but plan on receiving reroute FM Air Traffic Control. Miami Center (KZMA) will reroute only those flights necessary to clear the affected areas while IN use. Expect the following

international reroutes: AR6/15 closed at 1812201158Z AR8 closed. L452 closed. L453 non RNP-4/10: AZEZU.B24.WEBBB.L454.ATUGI..LSIER.L453 M201 closed. M202 non RNP-4/10: UKOKA..33° 25' North 73° 0' West .ONGOT.M202 M325 closed. Y185/Q89 PRMUS Q97 EBAYY direct VENDS and reverse Y585 OMN J79 TRV direct CVIKK and reverse hazard area C for second stage recovery from space IS located WI JOHANNESBURG Flight Information Region from 21° 0' South 6° 0' West to 19° 30' South 0° 30' West to 28° 0' South 8° 0' East to 31° 0' South 3° 0' East to Point of ORIGIN. Surface-unlimited Dec 20, 2018 1947Z to Dec 20, 2019 2141Z. See FAJO NOTAM A5002/18. Surface - unlimited 20 December 11:58 2018 until 20 December 14:58 2018. Created: 19 December 14:22 2018

KZNY 18/A0488 KZNY 20181220130000 20181220170000 Fort FISCHER (QGV) radar will be unserviceable. During the outage the following restrictions are IN place for M201:

- 1)NORTHEAST bound: only available for aircraft equipped with operational ADS-260B out.
- 2)SOUTHWEST bound: closed between ATUGI and HANRI, except for aircraft routed HOBOH PAEPR M201 and equipped with operational ADS 26,000 feet-B out. All ADS 260B out aircraft must file an International Civil Aviation Organization (ICAO) flight plan IAW AC 90- 11,400 feet as well as AIM 5-1-9(4) and 5-1-9(8). 20 December 13:00 2018 until 20 December 17:00 2018. Created: 18 December 14:44 2018

KZNY 18/A0479 KZNY 20181219120200 20181219150200 Attention airline dispatchers, some operations appear to be using the NOTAM beginning time to start filing routes around the launch Offshore Pacific. Launch hazard area times IN the NOTAM are altitude specific and DO not affect all operations. This NOTAM contains A breakdown of the times for pre-launch and launch closures. The following airspace IS IN use for A missile launch/SPLASH down. During these times Miami Center (KZMA) Air Route Traffic Control Center (ARTCC)/OAC, Jacksonville Center (ZJX) Air Route Traffic Control Center (ARTCC) and New York Center (KZNY) Air Route Traffic Control Center (ARTCC)/OAC will not approve IFR flight WI 45 nautical miles of the affected oceanic stationary airspace reservations west of 6000W, 50 nautical miles between 6000W and 5500W, and 60 nautical miles east of 5500W OR WI affected warning area airspace. Effective: Dec 19, 2018 1202Z Dec 19, 2018 1502Z W497A west of 80 west, surface-5,000 feet mean sea level effective: Dec 19, 2018 1202Z Dec 19, 2018 1502Z Cape Air Traffic Control assigned airspace, surface to flight level 180 part 1 of 3. See text, effective: Dec 19, 2018 1332Z Dec 19, 2018 1502Z R2933, 5,000 feet mean sea level-unlimited effective: Dec 19, 2018 1332Z Dec 19, 2018 1502Z R2934, surface-unlimited effective: Dec 19, 2018 1402Z Dec 19, 2018 1502Z launch hazard area A WI an area defined as 28° 35' North 080° 39' West to 28° 51' North 080° 16' West to 28° 58' North 080° 03' West to 28° 55' North 080° 02' West to 28° 47' North 080° 09' West to 28° 35' North 080° 23' West to 28° 30' North 080° 35' West to Point of origin, surface-unlimited. This area ENCOMPASSES portions of R2932, R2933, and W497A/B. Launch hazard area B WI an area defined as 33° 01' North 075° 54' West to 34° 46' North 074° 27' West to 35° 20' North 073° 36' West to 34° 49' North 073° 01' West to 34° 06' North 073° 34' West to 32° 51' North 075° 45' West IN the interest of safety, all non-participating pilots are strongly advised to avoid the above area, except as noted below for flight plan filing purposes. For further guidance, see Air Traffic Control System Command Center (ATCSCC) advisories. The following restrictions will be IN effect WI Miami Center (KZMA) and New York Center (KZNY) Flight Information Regions. All traffic regardless of altitude must be estimated to clear oceanic ALTRV at OR before Dec 19, 2018 1357Z. New York Center (KZNY) request aircraft

certified for RNP 4/10 file routes to avoid hazard area B by 25 nautical miles, and non certify RNP 4/10 aircraft avoid area B by 45 nautical miles during the hazard period Dec 19, 2018 1402Z to Dec 19, 2018 1502Z. The following routes will be impacted: AR-6, AR-8, AR-15, L452, L453, M201, M202, M325, Q89, Y185, and Y585. Part 2 of 3. See text, *** part 3 missing ***

KZNY 18/A0425 KZNY 20181109220000 20191109200000 GNSS equipped aircraft entering Miami Center airspace (ZMA) FM New York oceanic airspace (ZWY) depending on their DEST must file as follows: to MDSD: L451 - LETON L451 IORIO POKEG UT17 KOBET G446 CDO L452 - LNHOM L452 SLUKA POKEG UT17 KOBET G446 CDO L453 - lamer L453 RODRK POKEG UT17 KOBET G446 CDO L454 - LUCTI L454 MNDEZ POKEG UT17 KOBET G446 CDO B891 - WATRS B891 POKEG UT17 KOBET G446 CDO to MDPC: L451 - LETON L451 IORIO POKEG UT17 KOBET G446 PETRI W28 PNA L452 - LNHOM L452 SLUKA POKEG UT17 KOBET G446 PETRI W28 PNA L453 - lamer L453 RODRK POKEG UT17 KOBET G446 PETRI W28 PNA L454 - LUCTI L454 MNDEZ POKEG UT17 KOBET G446 PETRI W28 PNA B891 - WATRS B891 POKEG UT17 KOBET G446 PETRI W28 PNA to MDCY: L451 - LETON L451 IORIO POKEG UT17 KOBET W37 DCY L452 - LNHOM L452 SLUKA POKEG UT17 KOBET W37 DCY L453 - lamer L453 RODRK POKEG UT17 KOBET W37 DCY L454 - LUCTI L454 MNDEZ POKEG UT17 KOBET W37 DCY B891 - WATRS B891 POKEG UT17 KOBET W37 DCY to MDST: L451 - LETON L451 IORIO SEKAR A554 PTA T13 SGO L452 - LNHOM L452 SLUKA SEKAR A554 PTA T13 SGO L453 - lamer L453 RODRK SEKAR A554 PTA T13 SGO L454 - LUCTI L454 MNDEZ SEKAR A554 PTA T13 SGO B891 - WATRS B891 POKEG B891 PTA T13 SGO to MDPP: L451 - LETON L451 IORIO SEKAR A554 PTA L452 - LNHOM L452 SLUKA SEKAR A554 PTA L453 - lamer L453 RODRK SEKAR A554 PTA L454 - LUCTI L454 MNDEZ SEKAR A554 PTA B891 - WATRS B891 POKEG B891 PTA to TNCN/TQPF: L451 - LETON L451 IORIO FIPEK Y355 SLUGO L452 - LNHOM L452 SLUKA FIPEK Y355 SLUGO L453 - lamer L453 RODRK FIPEK Y355 SLUGO L454 - LUCTI L454 MNDEZ FIPEK Y355 SLUGO to TISX/TUPJ: L451 - LETON L451 IORIO FIPEK Y355 KOLAO L452 - LNHOM L452 SLUKA FIPEK Y355 KOLAO L453 - lamer L453 RODRK FIPEK Y355 KOLAO L454 - LUCTI L454 MNDEZ FIPEK Y355 KOLAO to TJSJ/TJIG: L451 - LETON L451 IORIO FIPEK Y355 PLING RTE7 SAALR L452 - LNHOM L452 SLUKA FIPEK Y355 PLING RTE7 SAALR L453 - lamer L453 RODRK FIPEK Y355 PLING RTE7 SAALR L454 - LUCTI L454 MNDEZ FIPEK Y355 PLING RTE7 SAALR to TIST: L451 - LETON L451 IORIO FIPEK Y355 KOLAO JETSS L452 - LNHOM L452 SLUKA FIPEK Y355 KOLAO JETSS L453 - lamer L453 RODRK FIPEK Y355 KOLAO JETSS L454 - LUCTI L454 MNDEZ FIPEK Y355 KOLAO JETSS ^FM Miami Center (ZMA) mission over BHIV 09 November 22:00 2018 until 09 November 20:00 2019. Created: 09 November 22:41 2018

KZNY 18/A0292 KZNY 20180803134700 20190802235900 VOLMET 10.051, 6.604, 3.485, 13.270 unserviceable. 03 August 13:47 2018 until 02 August 23:59 2019. Created: 03 August 13:48 2018

KZNY 18/A0178 KZNY 20180503170800 20190331235900 All aircraft entering the New York oceanic Flight Information Region (KZWY), including those departing Bermuda (TXKF) , must file A mach number instead of A speed of knots IN the expected cruise speed field (FIELD 15A)

of their FPL. 03 May 17:08 2018 until 31 March 23:59 2019. Created: 03 May 17:09 2018

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 700 feet, 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 700 feet, 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 en-route 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 en-route 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, non-common portion for aircraft landing DULLES international airport (IAD) revised to: BERGH L454 BOUNO CREEL J62 RBV HYPER3 arrival (RNAV equipped aircraft ONLY). Non-area 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 1-63,100 feet-46,800 feet-1018. 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) X-RAY 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 10,700 feet. 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 63,100 feet-46,800 feet-1018 OR via E-mail 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 AVAIABLE for use at flight level 300 and below between the waypoints AZEZU and PAEPR. Flight level 055 - flight level 300, effective immediately until until further notice. Created: 09 December 12:42 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 compatibly 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), 00-44-1292-692663 gander Air Control Center, Robert FLEMING, (FLEMING@NAVCANADA.CA), (001)-70,900 feet-65,100 feet-5233 New York Air Control Center, PETER EHRLEIN, (PETER.C.EHRLEIN@FAA.Governor), (001)-63,100 feet-46,800 feet-1021. Surface - unlimited 12 March 12:53 2010 until 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 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 63,100 feet-46,800 feet-1021 OR via email (PETER.C.EHRLEIN@FAA.Governor. Effective immediately until until further notice. Created: 06 March 21:00 2009

KICZ 18/A0025 KICZ 20181210144600 PERM Security..United states of America flight prohibition against certain flights IN the Damascus flight information region (FIR) (OSTT) 14 CFR 91.1609 special federal aviation regulation (SFAR) no. 11,400 feet prohibition against certain flights IN the Damascus flight information region (FIR) (OSTT) was published IN the federal register on 10 December 2018 and was effective immediately. Additional information IS provided at: https://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/. Surface - unlimited, 10 December 14:46 2018 until 30 December 23:59 2020 estimated. Created: 10 December 14:50 2018

KICZ 18/A0023 KICZ 20181026141500 20201026235900 Security..United states of America prohibition against certain flights IN the Baghdad flight information region (FIR) (ORBB) 14 CFR 91.1605 special federal aviation regulation (SFAR) no. 77 prohibition against certain flights IN the Baghdad flight information region (FIR) (ORBB) was published IN the federal register on 26 October 2018 and was effective immediately. Additional information IS provided at: https://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/. Surface - flight level 259, 26 October 14:15 2018 until 26 October 23:59 2020. Created: 26 October 14:25 2018

KICZ 18/A0021 KICZ 20181019112700 20201027235900 Security..United states of America flight prohibition against certain flights IN the Simferopol (UKFV) flight information region

(FIR) and DNIPROPETROVSK (UKDV) Flight Information Region 14 CFR 91.1607 special federal aviation regulation (SFAR) no. 11,300 feet prohibition against certain flights IN the Simferopol (UKFV) flight information region (FIR) and DNIPROPETROVSK (UKDV) Flight Information Region was published IN the federal register on 19 October 2018 and was effective immediately. Additional information IS provided at:

https://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/. Surface - unlimited, 19 October 11:27 2018 until 27 October 23:59 2020. Created: 19 October 11:42 2018

KICZ 18/A0018 KICZ 20180918231800 20200918235900 Security..United states of America flight prohibition against certain flights IN the Pyongyang flight information region (FIR) (ZKKP) 14 CFR 91.1615 special federal aviation regulation (SFAR) no. 79 prohibition against certain flights IN the Pyongyang Flight Information Region (ZKKP) was published IN the federal register on 18 September 2018 and was effective immediately. Additional information IS provided at: https://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/. Surface - unlimited, 18 September 23:18 2018 until 18 September 23:59 2020. Created: 18 September 23:24 2018

KICZ 18/A0016 KICZ 20180909135000 20190909235900 Security..United states of America advisory for Tehran flight information region (FIR) (OIIX). Those persons described IN paragraph A (APPLICABILITY) below are advised to exercise caution when flying into, out of, within, OR over the Tehran flight information region (FIR) (OIIX) due to concerns involving deconfliction between military activities and civil flight operations. Before operating IN OR adjacent to the Tehran Flight Information Region (OIIX), carefully review current NOTAMS and other sources of aeronautical information and be familiar with current conditions IN the middle east. Iranian aviation authorities May issue NOTAMS OR other aeronautical information describing required procedures for entry into the Tehran Flight Information Region (OIIX). A. Applicability. This NOTAM applies to: all United States air carriers and commercial OPERATORS; all persons exercising the privileges of an airman certificate issued by the FAA, except such persons operating U.S.-Registered aircraft for A foreign air CARRIER; and all operators of aircraft registered IN the united states, except where the operator of such aircraft IS A foreign air carrier. B. Planning. Those persons described IN paragraph A (APPLICABILITY) planning to fly into, out of, within, OR over the above-named area must review current security/threat information and NOTAMS; comply with all applicable FAA regulations, operations specifications, management specifications, and letters of authorization, including updating B450. C. Operations. Any person described IN paragraph A (APPLICABILITY) planning to operate into, out of, within, OR over the Tehran Flight Information Region (OIIX) should file A flight plan well IN advance and carefully adhere to that flight plan, unless otherwise directed by air traffic control. Any person described IN paragraph A (APPLICABILITY) making an unanticipated landing IN Iran should contact the foreign interests section at the SWISS embassy IN Tehran for any needed assistance at telephone +98-21-2279-3912 OR +98-21-2279-3697. Surface - unlimited 09 September 13:50 2018 until 09 September 23:59 2019. Created: 09 September 13:55 2018

KICZ 18/A0014 KICZ 20180808114500 20190808235900 Security..United states of America advisory for the Republic of south Sudan those persons described IN paragraph A should exercise caution flying into, out of, within OR over the territory and airspace of south Sudan at

altitudes below flight level 260 due to the potentially hazardous situation Created by political instability and fragile security IN south Sudan. A. Applicability. This NOTAM applies to: all United States air carriers and commercial OPERATORS; all persons exercising the privileges of an airman certificate issued by the FAA, except such persons operating U.S.-Registered aircraft for A foreign air CARRIER; and all operators of aircraft registered IN the united states, except where the operator of such aircraft IS A foreign air carrier. B. Planning. Persons described IN paragraph A (APPLICABILITY) who intend to fly into, out of, within, OR over the above-named area must review current security/threat information and NOTAMS; ensure their operations specification, management specification, OR letter of authorization B450 IS CURRENT; and, to the maximum extent possible, provide advance notice of flights, with specific details, to ash-AXE-CITE-WATCH@FAA.Governor at least 72 hours prior to takeoff. C. Operations. Exercise caution during flight operations due to the potential risk from small-arms fire, rocket-propelled grenades, heavy machine GUNS, and shoulder-fired MAN-portable air defense systems (MANPADS). Airspace deconfliction remains A potential concern due to numerous threats to SHOOT down aircraft by multiple parties IN south Sudan. The risk to United States civil aviation IS primarily while on the ground and at low altitudes during approach and departure phases of flight. Those persons described IN paragraph A (APPLICABILITY) must report safety and/OR security incidents to the FAA at +1 20,200 feet-26,700 feet-3333 OR +1 20,200 feet-26,700 feet-3203. The justification for this advisory will be RE-evaluated by 8 August 2019. Additional information IS provided at: https://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS. Surface - flight level 259 08 August 11:45 2018 until 08 August 23:59 2019. Created: 08 August 11:35 2018

KICZ 18/A0011 KICZ 20180527142400 PERM Security..United states of America advisory for Korean peninsula Incheon flight information region (FIR) (RKRR) those persons described IN paragraph A below are advised to exercise caution when flying IN the Incheon Flight Information Region (RKRR), especially near Seoul, south Korea, due to possible interference with, OR disruption of, their Global Positioning System navigation systems. A. Applicability. This NOTAM applies to: all United States air carriers and commercial OPERATORS; all persons exercising the privileges of an airman certificate issued by the FAA, except such persons operating U.S.-Registered aircraft for A foreign air CARRIER; and all operators of aircraft registered IN the united states, except where the operator of such aircraft IS A foreign air carrier. B. Planning. Those persons described IN paragraph A flight planning for and operating IN the Incheon Flight Information Region (RKRR) should be prepared to use non-Global Positioning System-dependent navigation AIDS; must review current security/threat information and NOTAMS; and must comply with all applicable FAA regulations, operations specifications, management specifications, and letters of authorization, including updating B450. C. Operations. Exercise caution during flight operations. Between march and April 2016, aviation navigation systems IN the vicinity of Incheon international airport (RKSI) experienced interference. Those persons described IN paragraph A must report any Global Positioning System interference OR disruption to the FAA at AEO-CITEWATCH@FAA.Governor OR +1 20,200 feet-26,700 feet-3333 OR 1-84,400 feet-41,200 feet-1794. The justification for this advisory will be RE-evaluated by 27 May 2019. Additional information IS provided at: https://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/. Surface - unlimited 27 May 14:24 2018 until 27 May 23:59 2019 estimated. Created: 27 May 14:28 2018

KICZ 18/A0010 KICZ 20180527142100 PERM Security..United states of America advisory for the sea of japan and Fukuoka flight information region (FIR) (RJJJ) those persons described IN paragraph A (APPLICABILITY) are advised to exercise caution when flying over the sea of japan and/OR IN the Fukuoka Flight Information Region (RJJJ) due to unannounced ballistic missile launches by north Korea. A. Applicability. This NOTAM applies to: all United States air carriers and commercial OPERATORS; all persons exercising the privileges of an airman certificate issued by the FAA, except such persons operating U.S.-Registered aircraft for A foreign air CARRIER; and all operators of aircraft registered IN the united states, except where the operator of such aircraft IS A foreign air carrier. B. Planning. Those persons described IN paragraph A (APPLICABILITY) who intend to operate over the sea of japan and/OR IN the Fukuoka Flight Information Region (RJJJ) are advised to review current security/threat information and NOTAMS and to consider that information IN their risk assessments and flight planning decisions, including but not limited to routing and diversion fuel planning. C. Operations. Exercise caution during flight operations as some past unannounced ballistic missiles launched by north Korea have impacted IN the sea of japan beyond the boundaries of the Pyongyang Flight Information Region (ZKKP) OR impacted IN the ocean east of japan IN the Fukuoka Flight Information Region (RJJJ). Such activities pose A potential safety hazard to United States civil aviation operating over the sea of japan and IN the Fukuoka Flight Information Region (RJJJ). Those persons described IN paragraph A must report safety and/OR security incidents related to this NOTAM to the FAA at +1 20,200 feet-26,700 feet-3333 OR +1 84,400 feet-41,200 feet-1794. The justification for this advisory will be RE-evaluated by 27 May 2019. Additional information IS provided at: https://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/. Surface - unlimited 27 May 14:21 2018 until 27 May 23:59 2019 estimated. Created: 27 May 14:25 2018

KICZ 18/A0009 KICZ 20180414001600 PERM Security..United states of America advisory for airspace immediately adjacent to Damascus flight information region (OSTT FIR). Those persons described IN paragraph A below are advised to exercise caution when operating IN the airspace within 20,000 feet nautical miles of the Damascus flight information region (OSTT FIR) due to heightened military activity IN OR around Syria. This military activity might include Global Positioning System interference, communications jamming, and possible ERRANT longitude-range surface-to-air missiles originating from SYRIAN territory, within the OSTT Flight Information Region, and straying into adjacent airspace, that could pose an inadvertent risk to United States civil aviation operating IN this region. Title 14, code of federal regulations, section 91.1609, special federal aviation regulation no. 114PROHIBITION against certain flights IN the Damascus Flight Information Region remains IN effect. A. Applicability. This NOTAM applies to: all United States air carriers and commercial OPERATORS; all persons exercising the privileges of an airman certificate issued by the FAA, except such persons operating U.S.-Registered aircraft for A foreign air CARRIER; and all operators of aircraft registered IN the united states, except where the operator of such aircraft IS A foreign air carrier. B. Planning. Those persons described IN paragraph A planning to operate within 20,000 feet nautical miles of the OSTT Flight Information Region should exercise caution and must review current security/threat information and NOTAMS and comply with all applicable FAA regulations, operations specifications, management specifications, and letters of authorization, including updating B450. C. Operations. Exercise caution during flight operations IN the above named

area due to heightened military activity IN OR around Syria and the potential risk to United States civil aviation IN the region. Those persons described IN paragraph A must report any safety/security incidents to the FAA at ash-AXE-CITE-WATCH@FAA.Governor OR +1 20,200 feet-26,700 feet-3333 OR 1-84,400 feet-41,200 feet-1794. Additional information IS provided at: https://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/. Surface - unlimited 14 April 00:16 2018 until permanent. Created: 14 April 01:04 2018

KICZ 18/A0007 KICZ 20180330104500 20190330104500 Security..United states of America advisory for Egypt Sinai peninsula those persons described IN paragraph A below should avoid flying into, out of, within OR over the Sinai peninsula IN the Cairo flight information region (FIR) (HECC) at altitudes below flight level 260 within the following lateral limits: 311855N 0321900E to 294443N 0322815E to 281650N 0331928E to 272900N 0341900E to 292920N 0345500E then along the Egypt/Israel border to 311800N 0341300E to 311855N 0321900E. A. Applicability. This NOTAM applies to: all United States air carriers and commercial OPERATORS; all persons exercising the privileges of an airman certificate issued by the FAA, except such persons operating U.S.-Registered aircraft for A foreign air CARRIER; and all operators of aircraft registered IN the united states, except where the operator of such aircraft IS A foreign air carrier. B. Planning. Those persons described IN paragraph A planning to fly into, out of, within, OR over the above-named area must review current security/threat information and NOTAMS; comply with all applicable FAA regulations, operations specifications, management specifications, and letters of authorization, including updating B450; and provide at least 72 hours advance notice of planned flights to the FAA at AEO-CITEWATCH@FAA.Governor with specific flight details to the maximum extent possible. C. Operations. Exercise extreme caution during flight operations due to the risk from potential extremist/militant attacks involving Anit-aircraft weapons, including MAN-portable air defense systems (MANPADS), Anit-tank missiles, small-arms fire, and indirect fire from mortars and rockets targeting aircraft and Sinai airports. Those persons described IN paragraph A must report safety and/OR security incidents to the FAA at +1 20,200 feet-26,700 feet-3333 OR 1 20,200 feet-26,700 feet-3203. The justification for this advisory will be RE-evaluated by 30 march 2019. Additional information IS provided at: https://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/. Surface - flight level 259 30 March 10:45 2018 until 30 March 10:45 2019. Created: 30 March 10:45 2018

KICZ 18/A0005 KICZ 20180226120000 PERM Security..United states of America advisory for Mali. Those persons described IN paragraph A below should avoid flying into, out of, within OR over the territory and airspace of Mali at altitudes below flight level 260 due to ongoing fighting and extremist/militant activity. A. Applicability. This NOTAM applies to: all United States air carriers and commercial OPERATORS; all persons exercising the privileges of an airman certificate issued by the FAA, except such persons operating U.S.-Registered aircraft for A foreign air CARRIER; and all operators of aircraft registered IN the united states, except where the operator of such aircraft IS A foreign air carrier. B. Planning. Those persons described IN paragraph A planning to fly into, out of, within, OR over the above-named area at altitudes below flight level 260 must review current security/threat information and NOTAMS; comply with all applicable FAA regulations, operations specifications, management specifications, and letters of authorization, including updating B450; and provide at least 72 hours advance notice of planned flights to the FAA at AEO-CITEWATCH@FAA.Governor with specific flight details to

the maximum extent possible. C. Operations. Exercise caution during flight operations due to the possibility of attacks on civil aviation by extremists/militants. Aircraft May encounter fire from small ARMS; indirect fire weapons, such as mortars and ROCKETS; and Anit-aircraft capable weapons, including MAN-portable air defense systems (MANPADS). Such weapons could target aircraft at low altitudes, including during the arrival and departure phases of flight, and/OR airports and aircraft on the ground. Those persons described IN paragraph A must report safety and/OR security incidents to the FAA at +1 20,200 feet-26,700 feet-3333 OR +1 20,200 feet-26,700 feet-3203. The justification for this advisory will be RE-evaluated by 26 February 2019. Additional information IS provided at:

https://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/. Surface - flight level 259 26 February 12:00 2018 until 26 February 23:59 2019 estimated. Created: 26 February 12:00 2018

KICZ 18/A0003 KICZ 20180226120000 PERM Security..United states of America advisory for Kenya those persons described IN paragraph A below are advised to exercise caution when flying into, out of, within, OR over the territory and airspace of Kenya east of 40 degrees east longitude at altitudes below flight level 260 due to the possibility of extremist/militant activity.

A. Applicability. This NOTAM applies to: all United States air carriers and commercial OPERATORS; all persons exercising the privileges of an airman certificate issued by the FAA, except such persons operating U.S.-Registered aircraft for A foreign air CARRIER; and all operators of aircraft registered IN the united states, except where the operator of such aircraft IS A foreign air carrier. B. Planning. Those persons described IN paragraph A planning to fly into,

out of, within, OR over the above-named area must review current security/threat information and NOTAMS and comply with all applicable FAA regulations, letters of authorization, management specifications, and operations specifications, including updating B450. C. Operations. Exercise caution during flight operations due to the possibility of attacks by

extremists/militants on United States civil aviation. Aircraft May encounter various weapons, including small ARMS; indirect fire weapons, such as mortars and ROCKETS; and Anit-aircraft-capable weapons, including MAN-portable air defense systems (MANPADS). Anit-aircraft-capable weapons could target aircraft at low altitudes, including during the arrival and departure phases of flight, and other weapons could target airports and aircraft on the ground.

Those persons described IN paragraph A must report safety and/OR security incidents to the FAA at +1 20,200 feet-26,700 feet-3333 OR +1 20,200 feet-26,700 feet-3203. The justification for this advisory will be RE-evaluated by 26 February 2019. Additional information IS provided at: http://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/. Surface - flight level 259 26 February 12:00 2018 until 26 February 23:59 2019 estimated. Created: 26 February 11:48 2018

KICZ 17/A0033 KICZ 20171230131300 PERM Security..United states of America advisory for Pakistan. Those persons described IN paragraph A below are advised to exercise caution when flying into, out of, within, OR over the territory and airspace of Pakistan due to

extremist/militant activity. A. Applicability. This NOTAM applies to: all United States air carriers and commercial OPERATORS; all persons exercising the privileges of an airman certificate issued by the FAA, except such persons operating U.S.-Registered aircraft for A foreign air CARRIER; and all operators of aircraft registered IN the united states, except where the operator of such aircraft IS A foreign air carrier. B. Planning. Those persons described IN

paragraph A planning to fly into, out of, within, OR over the above-named area must review current security/threat information and NOTAMS and comply with all applicable FAA regulations, letters of authorization, management specifications, and operations specifications, including updating B450. C. Operations. Exercise caution during flight operations. There IS A risk to United States civil aviation operating IN the territory and airspace of Pakistan due to extremist/militant activity. This includes A risk to United States civil aviation from attacks against airports and aircraft, particularly for aircraft on the ground and aircraft operating at low altitudes, including during the arrival and departure phases of flight. While there have been no reports of MAN-portable air defense systems (MANPADS) being used against civil aviation IN the territory and airspace of PAKSITAN, there IS A potential risk for extremists/militants to target civil aviation with MANPADS at low altitudes. Those persons described IN paragraph A must report safety and/OR security incidents to the FAA at +1 20,200 feet-26,700 feet-3333 OR 1-84,400 feet-41,200 feet-1794. The justification for this advisory will be RE-evaluated by 30 December 2018. Additional information IS provided at: http://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/. Surface feet - unlimited 30 December 13:13 2017 until 30 December 23:59 2018 estimated. Created: 30 December 13:18 2017

KICZ 17/A0031 KICZ 20171224144600 PERM Security..United states of America advisory for Afghanistan. Those persons described IN paragraph A flying into, out of, within, OR over the territory and airspace of Afghanistan should operate only on established air routes and at altitudes at OR above flight level 330 to the maximum extent possible. High elevation terrain IN parts of Afghanistan May create the potential for some of the threats described IN paragraph C to be encountered at OR above flight level 330 IN those areas. A. Applicability. This NOTAM applies to: all United States air carriers and commercial OPERATORS; all persons exercising the privileges of an airman certificate issued by the FAA, except such persons operating U.S.-Registered aircraft for A foreign air CARRIER; and all operators of aircraft registered IN the united states, except where the operator of such aircraft IS A foreign air carrier. B. Planning. Those persons described IN paragraph A planning to fly into, out of, within, OR over the above-named area must review current security/threat information and NOTAMS and comply with all applicable FAA regulations, operations specifications, management specifications, and letters of authorization, including updating B450. C. Operations. Exercise extreme caution during flight operations and avoid operating at altitudes below FL 33,000 feet to the maximum extent possible due to ongoing military operations and extremist/militant activity. The security situation IN Afghanistan presents an increased concern for United States civil aviation interests, particularly for aircraft on the ground and aircraft operating at low altitudes, including during the arrival and departure phases of flight. There IS A risk of attacks against United States civil aviation IN Afghanistan. Airports/airfields IN Afghanistan May be targets of direct assault and/OR indirect fire and are susceptible to insider threats. Aircraft on the ground at airports/airfields have been damaged OR destroyed by indirect rocket OR mortar fire from extremist/militant attacks. Aircraft are at risk of encountering Anit-aircraft fire and shoulder-fired MAN-portable air defense systems (MANPADS), particularly at lower altitudes. Those persons described IN paragraph A must report safety and/OR security incidents to the FAA at +1 20,200 feet-26,700 feet-3333 OR 1-84,400 feet-41,200 feet-1794. The justification for this advisory will be RE-evaluated by 24 December 2018. Additional information IS provided at: https://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/. Surface -

flight level 329 24 December 14:46 2017 until 24 December 23:59 2018 estimated. Created: 24 December 14:51 2017

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. 11,500 feet 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 AIRPSACE of SOMALIA 14 CFR 91.1613 special federal aviation regulation (SFAR) no. 10,700 feet 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: https://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/. Surface - flight level 259, 13 December 14:10 2017 until 07 January 23:59 2020. Created: 13 December 14:14 2017

KICZ 17/A0007 KICZ 20170320221700 20190320235900 Security..United states of America flight prohibition against certain flights within the Tripoli (HLLL) flight information region (FIR) 14 CFR 91.1603 special federal aviation regulation (SFAR) no. 11,200 feet extension of the prohibition against certain flights within the Tripoli (HLLL) flight information region (FIR) IS published IN the federal register and IS now effective. Additional information IS provided at: https://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/. Surface - unlimited, 20 March 22:17 2017 until 20 March 23:59 2019. Created: 20 March 22:27 2017

***** 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.