

# Legacy Briefing

Briefing for KMKC to KBAK

Created 2017.12.16 21:32Z

## Summary

KMKC to KBAK in N761YZ departing Sat Dec 16 21:45:00 GMT 2017

## Routing

ANX HLV VLA

## KMKC (Departure) Closest Terminal Weather

METAR KMKC 162054Z Charles B.Wheeler Downtown, Kansas City, MO (KMKC). Dec 16, 2054Z. Wind from 210° at 15 knots, 10 statute miles visibility, Clear Skies, Temperature 16°C, Dewpoint -3°C, Altimeter is 29.86.

Remarks: automated station with precipitation discriminator sea level pressure 1011.1 hectopascals hourly temp 16.1°C dewpoint -2.8°C 3-hour atmospheric pressure decreasing then steady; or decreasing then decreasing more slowly by 1.2 hectopascals

METAR KMKC 161954Z Charles B.Wheeler Downtown, Kansas City, MO (KMKC). Dec 16, 1954Z. Wind from 200° at 12 knots, 10 statute miles visibility, Clear Skies, Temperature 16°C, Dewpoint -2°C, Altimeter is 29.86.

Remarks: automated station with precipitation discriminator sea level pressure 1011.2 hectopascals hourly temp 16.1°C dewpoint -2.2°C

METAR KMKC 161854Z Charles B.Wheeler Downtown, Kansas City, MO (KMKC). Dec 16, 1854Z. Wind from 200° at 8 knots, 10 statute miles visibility, Clear Skies, Temperature 15°C, Dewpoint -2°C, Altimeter is 29.87.

Remarks: automated station with precipitation discriminator sea level pressure 1011.5 hectopascals hourly temp 15.0°C dewpoint -2.2°C

Charles B.Wheeler Downtown, Kansas City, MO (KMKC). Issued Dec 16, 1738Z, valid from Dec 16, 1800Z until Dec 17, 1800Z, Wind from 210° at 10 knots, greater than 6 statute miles visibility, Few clouds at 25,000 feet

From Dec 17, 0000Z, Wind from 180° at 9 knots, greater than 6 statute miles visibility, Few clouds at 25,000 feet

From Dec 17, 0900Z, Wind from 190° at 8 knots, greater than 6 statute miles visibility, Showers in the Vicinity, Ceiling is Overcast at 7,000 feet

From Dec 17, 1100Z, Wind from 190° at 7 knots, 4 statute miles visibility, Light Rain and Mist, Ceiling is Overcast at 2,000 feet

From Dec 17, 1600Z, Wind from 220° at 6 knots, greater than 6 statute miles visibility, Ceiling is Overcast at 2,000 feet.

KMKC (Departure) NOTAMs

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

==== Apron NOTAMs ====

!MKC 12/017 Charles B.Wheeler Downtown, Kansas City, MO (KMKC) Apron southeast T hangar access at taxiway D closed Dec 12, 2017 1740Z to Dec 18, 2017 2000Z

==== Taxiway NOTAMs ====

!MKC 12/015 Charles B.Wheeler Downtown, Kansas City, MO (KMKC) Taxiway L3 closed Dec 12, 2017 1705Z to Dec 18, 2017 2000Z

==== Runway NOTAMs ====

!MKC 12/025 Charles B.Wheeler Downtown, Kansas City, MO (KMKC) Runway 19 RTHL out of service Dec 16, 2017 0408Z to Dec 29, 2017 1800Z Estimated

==== Navigation NOTAMs ====

!MKC 12/007 Charles B.Wheeler Downtown, Kansas City, MO (KMKC) Navigation ILS runway 03 DME not monitor Dec 08, 2017 1345Z to Dec 20, 2017 1800Z Estimated

==== Obstruction NOTAMs ====

!MKC 06/050 Charles B.Wheeler Downtown, Kansas City, MO (KMKC) Obstruction tower light (Antenna Structure Registration 1037806) 39° 02' 17.00" North 094° 36' 54.00" West (5.2 Nautical miles S MKC) 1506.9 Feet (546.9 Feet above ground level) out of service Jun 19, 2017 2040Z to Dec 31, 2017 2045Z

!MKC 12/014 Charles B.Wheeler Downtown, Kansas City, MO (KMKC) Obstruction tower light (Antenna Structure Registration 1245988) 39° 09' 55.50" North 094° 34' 34.10" West (2.7 Nautical miles north-north-east MKC) 1035.1 Feet (128.0 Feet above ground level) out of service Dec 12, 2017 1158Z to Dec 26, 2017 1300Z

!MKC 12/009 Charles B.Wheeler Downtown, Kansas City, MO (KMKC) Obstruction tower light (Antenna Structure Registration 1003925) 39° 07' 23.00" North 094° 23' 25.00" West (9.4 Nautical miles E MKC) 1553.8 Feet (562.0 Feet above ground level) out of service Dec 09, 2017 1003Z to Dec 24, 2017 1003Z

==== FDC NOTAMs ====

!FDC 7/1480 KMKC ODP CHARLES B WHEELER DOWNTOWN, Kansas City, MO. TAKEOFF

MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3B... TAKE-OFF MINIMUMS RWY 19, STANDARD WITH MINIMUM CLIMB OF 465 FT PER NM TO 2500. ALL OTHER DATA REMAINS AS PUBLISHED. 24 OCT 12:53 2017 UNTIL 05 JUN 12:53 2018 ESTIMATED. CREATED: 24 OCT 12:53 2017

!FDC 7/1478 KMKC SID CHARLES B WHEELER DOWNTOWN, Kansas City, MO. CHIEF SIX DEPARTURE... LAKES ONE DEPARTURE... RACER SIX DEPARTURE... ROYAL EIGHT DEPARTURE... TIFTO FIVE DEPARTURE... WILDCAT FOUR DEPARTURE... TAKE-OFF MINIMUMS RWY 19, STANDARD WITH MINIMUM CLIMB OF 465 FT PER NM TO 2500. ALL OTHER DATA REMAINS AS PUBLISHED. 24 OCT 12:50 2017 UNTIL 05 JUN 12:50 2018 ESTIMATED. CREATED: 24 OCT 12:50 2017

KBAK (Destination) Closest Terminal Weather

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

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

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

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

KBAK (Destination) NOTAMs

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

==== Runway NOTAMs ====

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

==== Obstruction NOTAMs ====

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

!BAK 12/046 Columbus Municipal, Columbus, IN (KBAK) Obstruction tower light (Antenna Structure Registration 1273101) 39° 23' 44.70" North 085° 46'

44.10" West (9.8 Nautical miles NE BAK) 1012.8 Feet (279.9 Feet above ground level) out of service Dec 13, 2017 2352Z to Jan 13, 2018 1200Z

==== FDC NOTAMs ====

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

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

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

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

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

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).

No current TFR data for this briefing.

Convective SIGMET

None

SIGMET

None

AIRMET

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

Dallas/Ft. Worth Forecast Area AIRMET Zulu prepared on the 16th at 2045Z.

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

Outlook valid 0300Z to 0900Z... Ice Arkansas Illinois Kansas Kentucky

Louisiana Missouri Mississippi Oklahoma Tennessee Texas

Bounded by 40 miles north-north-west of Kansas City International, Kansas City, MO (MCI) to 50 miles south-south-west of Pocket City, Evansville, IN (PXV) to ARG to 20 miles northeast of Memphis International, Memphis, TN (MEM) to 30 miles south-south-west of Sidon, Sidon, MS (SQS) to 40 miles west of Alexandria International, Alexandria, LA (AEX) to 60 miles west-south-west of East Texas Regional, Longview, TX (GGG) to 60 miles west-north-west of Centex, Austin, TX (CWK) to 50 miles west-south-west of ABI to Garden City Regional, Garden City, KS (GCK) to 40 miles north-north-west of Kansas City International, Kansas City, MO (MCI) Moderate ice between freezing level and flight level 240. Freezing level from 7,000 feet mean sea level to 13,000 feet mean sea level. Conditions continuing through 0900Z.

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

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

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

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

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

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

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

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

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

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

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

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

From 30 miles northwest of Mason City Municipal, Mason City, IA (MCW) to Detroit, Detroit, MI (DXO) to Fort Wayne, Fort Wayne, IN (FWA) to Covington/Cincinnati, Covington, KY (CVG) to Henderson, Henderson, WV (HNN) to HMV to Razorback, Fayetteville, AR (RZC) to Oswego, Oswego, KS (OSW) to 50 miles west of LBL to Renner Field/Goodland Municipal, Goodland, KS (GLD) to North Platte Regl-Lee Bird Field, North Platte, NE (LBF) to 30 miles northwest of Mason City Municipal, Mason City, IA (MCW)

Moderate turbulence between flight level 180 and 410. Conditions continuing beyond 0300Z through 0900Z.

Center Weather Advisory

None

Severe Weather

None

UAS Operating Areas

None

Surface Observations

METAR KMKC 162054Z Charles B.Wheeler Downtown, Kansas City, MO (KMKC). Dec 16, 2054Z. Wind from 210° at 15 knots, 10 statute miles visibility, Clear Skies, Temperature 16°C, Dewpoint -3°C, Altimeter is 29.86.

Remarks: automated station with precipitation discriminator sea level pressure 1011.1 hectopascals hourly temp 16.1°C dewpoint -2.8°C 3-hour atmospheric pressure decreasing then steady; or decreasing then decreasing more slowly by 1.2 hectopascals

METAR KMCI 162053Z Kansas City International, Kansas City, MO (KMCI). Dec 16, 2053Z. Wind from 200° at 14 knots, 10 statute miles visibility,

Few clouds at 16,000 feet, Temperature 14°C, Dewpoint -3°C, Altimeter is 29.86. Remarks: automated station with precipitation discriminator sea level pressure 1011.1 hectopascals hourly temp 14.4°C dewpoint -2.8°C 3-hour atmospheric pressure decreasing then steady; or decreasing then decreasing more slowly by 0.8 hectopascals  
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METAR KOJC 162053Z Johnson CO Executive, Olathe, KS (KOJC). Dec 16, 2053Z. Wind from 200° at 12 knots with gusts to 20 knots, 10 statute miles visibility, Clear Skies, Temperature 14°C, Dewpoint -3°C, Altimeter is 29.87. Remarks: automated station with precipitation discriminator sea level pressure 1011.4 hectopascals hourly temp 14.4°C dewpoint -2.8°C 3-hour atmospheric pressure decreasing then steady; or decreasing then decreasing more slowly by 1.0 hectopascal

METAR KIXD 162053Z New Century Aircenter, Olathe, KS (KIXD). Dec 16, 2053Z. Wind from 210° at 13 knots with gusts to 24 knots, 10 statute miles visibility, Clear Skies, Temperature 15°C, Dewpoint -3°C, Altimeter is 29.87. Remarks: automated station with precipitation discriminator sea level pressure 1011.6 hectopascals hourly temp 15.0°C dewpoint -3.3°C 3-hour atmospheric pressure decreasing then steady; or decreasing then decreasing more slowly by 1.1 hectopascals

METAR KLXT 162053Z AUTO Lees Summit Municipal, Lee'S Summit, MO (KLXT). Dec 16, 2053Z, Automated. Wind from 220° at 14 knots, 10 statute miles visibility, Clear Skies, Temperature 16°C, Dewpoint -3°C, Altimeter is 29.87. Remarks: automated station with precipitation discriminator sea level pressure 1011.6 hectopascals hourly temp 15.6°C dewpoint -3.3°C 3-hour atmospheric pressure decreasing then steady; or decreasing then decreasing more slowly by 1.0 hectopascal

METAR KGPH 162135Z AUTO Midwest Ntl Air Center, Mosby, MO (KGPH). Dec 16, 2135Z, Automated. Wind from 210° at 6 knots, 10 statute miles visibility, Clear Skies, Temperature 16°C, Dewpoint -3°C, Altimeter is 29.87. Remarks: automated station with precipitation discriminator

METAR KRCM 162135Z AUTO Skyhaven, Warrensburg, MO (KRCM). Dec 16, 2135Z, Automated. Wind from 210° at 13 knots with gusts to 19 knots, 10 statute miles visibility, Clear Skies, Temperature 16°C, Dewpoint -3°C, Altimeter is 29.89. Remarks: automated station with precipitation discriminator

METAR KSZL 162056Z Whiteman Air Force Base, Knob Noster, MO (KSZL). Dec 16, 2056Z. Wind from 230° at 12 knots with gusts to 22 knots, 10 statute miles visibility, Clear Skies, Temperature 16°C, Dewpoint -4°C,

Altimeter is 29.85. Remarks: AO2A peak wind from 210° at 26 knots at 34 minutes past the hour sea level pressure 1011.2 hectopascals hourly temp 16.0°C dewpoint -4.0°C 3-hour atmospheric pressure decreasing, then increasing (0.9 hectopascal decrease)

METAR KMHL 162115Z AUTO Marshall Memorial Municipal, Marshall, MO (KMHL). Dec 16, 2115Z, Automated. Wind from 220° at 10 knots with gusts to 17 knots, 10 statute miles visibility, Clear Skies, Temperature 17°C, Dewpoint -1°C, Altimeter is 29.90. Remarks: automated station with precipitation discriminator

METAR KDMO 162053Z AUTO Sedalia Regional, Sedalia, MO (KDMO). Dec 16, 2053Z, Automated. Wind from 210° at 16 knots with gusts to 24 knots, 10 statute miles visibility, Clear Skies, Temperature 16°C, Dewpoint -3°C, Altimeter is 29.92. Remarks: automated station with precipitation discriminator peak wind from 220° at 28 knots at 2016Z sea level pressure 1013.1 hectopascals hourly temp 16.1°C dewpoint -2.8°C 3-hour atmospheric pressure decreasing, then increasing (0.9 hectopascal decrease) \$

METAR KVER 162115Z AUTO Jesse Viertel Memorial, Boonville, MO (KVER). Dec 16, 2115Z, Automated. Wind from 210° at 7 knots with gusts to 14 knots, 10 statute miles visibility, Clear Skies, Temperature 17°C, Dewpoint -5°C, Altimeter is 29.90. Remarks: automated station with precipitation discriminator hourly temp 16.6°C dewpoint -5.1°C

METAR KMBY 162135Z AUTO Omar N Bradley, Moberly, MO (KMBY). Dec 16, 2135Z, Automated. Wind from 230° at 14 knots with gusts to 19 knots, 10 statute miles visibility, Clear Skies, Temperature 15°C, Dewpoint -5°C, Altimeter is 29.90. Remarks: automated station with precipitation discriminator

METAR KCOU 162054Z Columbia Regional, Columbia, MO (KCOU). Dec 16, 2054Z. Wind from 220° at 14 knots, 10 statute miles visibility, Clear Skies, Temperature 17°C, Dewpoint -3°C, Altimeter is 29.92. Remarks: automated station with precipitation discriminator sea level pressure 1013.2 hectopascals hourly temp 16.7°C dewpoint -3.3°C 3-hour atmospheric pressure decreasing then steady; or decreasing then decreasing more slowly by 0.9 hectopascals \$

METAR for KMYJ is not available

METAR KSET 162054Z AUTO St. Charles County Smartt, St. Charles, MO (KSET). Dec 16, 2054Z, Automated. Wind from 240° at 12 knots, 10 statute miles visibility, Clear Skies, Temperature 17°C, Dewpoint -4°C, Altimeter is 29.94. Remarks: automated station with precipitation



discriminator sea level pressure 1014.0 hectopascals hourly temp 16.7°C dewpoint -3.9°C 3-hour atmospheric pressure decreasing, then increasing (0.8 hectopascal decrease)

METAR KSTL 162051Z St. Louis Lambert International, St. Louis, MO (KSTL). Dec 16, 2051Z. Wind from 230° at 13 knots, 10 statute miles visibility, Few clouds at 25,000 feet, Temperature 17°C, Dewpoint -3°C, Altimeter is 29.96. Remarks: automated station with precipitation discriminator sea level pressure 1014.6 hectopascals hourly temp 16.7°C dewpoint -2.8°C 3-hour atmospheric pressure decreasing, then increasing (0.7 hectopascal decrease)

METAR KALN 162045Z St. Louis Regional, Alton/St Louis, IL (KALN). Dec 16, 2045Z. Wind from 220° at 13 knots with gusts to 16 knots, 10 statute miles visibility, Few clouds at 25,000 feet, Temperature 15°C, Dewpoint 0°C, Altimeter is 29.95.

METAR K3LF 162115Z AUTO Litchfield Municipal, Litchfield, IL (K3LF). Dec 16, 2115Z, Automated. Wind from 200° at 12 knots with gusts to 15 knots, 10 statute miles visibility, Clear Skies, Temperature 14°C, Dewpoint -1°C, Altimeter is 29.95. Remarks: automated station with precipitation discriminator hourly temp 14.1°C dewpoint -1.5°C

METAR K1H2 162115Z AUTO Effingham County Memorial, Effingham, IL (K1H2). Dec 16, 2115Z, Automated. Wind from 180° at 12 knots with gusts to 15 knots, 10 statute miles visibility, Clear Skies, Temperature 13°C, Dewpoint 0°C, Altimeter is 30.00. Remarks: automated station with precipitation discriminator hourly temp 12.5°C dewpoint 0.0°C

METAR KMTO 162053Z AUTO Coles County Memorial, Mattoon/Charleston, IL (KMTO). Dec 16, 2053Z, Automated. Wind from 180° at 12 knots with gusts to 19 knots, 10 statute miles visibility, Clear Skies, Temperature 11°C, Dewpoint 0°C, Altimeter is 29.96. Remarks: automated station with precipitation discriminator peak wind from 310° at 30 knots at 2025Z sea level pressure 1014.9 hectopascals hourly temp 11.1°C dewpoint 0.0°C 3-hour atmospheric pressure decreasing, then increasing (0.3 hectopascal decrease)

METAR KRSV 162115Z AUTO Crawford CO, Robinson, IL (KRSV). Dec 16, 2115Z, Automated. Wind from 210° at 13 knots, 10 statute miles visibility, Clear Skies, Temperature 11°C, Dewpoint -1°C, Altimeter is 30.02. Remarks: automated station with precipitation discriminator hourly temp 11.1°C dewpoint -0.6°C

METAR KHUF 162053Z Terre Haute Regional, Terre Haute, IN (KHUF). Dec 16, 2053Z. Wind from 200° at 10 knots, 10 statute miles visibility, Clear

Skies, Temperature 11°C, Dewpoint -2°C, Altimeter is 30.00.

Remarks: automated station with precipitation discriminator sea level pressure 1016.0 hectopascals hourly temp 11.1°C dewpoint -1.7°C 3-hour atmospheric pressure decreasing, then increasing (0.3 hectopascal decrease)

METAR KGPC 162115Z AUTO Putnam County Regional, Greencastle, IN (KGPC). Dec 16, 2115Z, Automated. Wind from 200° at 6 knots, 10 statute miles visibility, Clear Skies, Temperature 9°C, Dewpoint -2°C, Altimeter is 29.99. Remarks: automated station with precipitation discriminator

METAR KBMG 162053Z Monroe County, Bloomington, IN (KBMG). Dec 16, 2053Z. Wind from 220° at 14 knots, 10 statute miles visibility, Clear Skies, Temperature 11°C, Dewpoint -3°C, Altimeter is 30.02. Remarks: automated station with precipitation discriminator sea level pressure 1016.7 hectopascals hourly temp 10.6°C dewpoint -2.8°C 3-hour atmospheric pressure decreasing, then increasing (0.3 hectopascal decrease)

METAR KHFY 162115Z AUTO Indy South Greenwood, Indianapolis, IN (KHFY). Dec 16, 2115Z, Automated. Wind from 220° at 10 knots, 10 statute miles visibility, Clear Skies, Temperature 13°C, Dewpoint -1°C, Altimeter is 30.00. Remarks: automated station with precipitation discriminator hourly temp 12.5°C dewpoint -0.9°C

METAR for KHBE is not available

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

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

Pilot Reports

Over HLV, Time: 2108Z, Altitude: flight level 270, A/C Type: BOEING 737 MAX 8, Turbulence: Light chop flight level 240 to 270, Remarks: Kansas City Center (ZKC)

Over Terre Haute, Terre Haute, IN (TTH), Time: 2003Z, Altitude: flight level 370, A/C Type: AIRBUS A-319, Turbulence: Moderate chop

Over Terre Haute, Terre Haute, IN (TTH), Time: 2008Z, Altitude: flight level 350, A/C Type: AIRBUS A-319, Turbulence: Light-moderate

Synopsis/Surface Analysis

Surface Analysis Chart

[https://www.1800wxbrief.com/Website/Weather/wx\\_data/wx\\_charts/SfcAnal\\_CONUS\\_REG\\_201712161946\\_201712162100\\_201712170000\\_674863.png](https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/SfcAnal_CONUS_REG_201712161946_201712162100_201712170000_674863.png)

Area Forecast

None

Cloud Coverage

Central 2100z

[https://www.1800wxbrief.com/Website/Weather/wx\\_data/wx\\_charts/GFA\\_CC\\_C\\_03\\_201712162100\\_REG\\_201712161800\\_201712162100\\_201712170000\\_000003.png](https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_CC_C_03_201712162100_REG_201712161800_201712162100_201712170000_000003.png)

Central 0000z

[https://www.1800wxbrief.com/Website/Weather/wx\\_data/wx\\_charts/GFA\\_CC\\_C\\_06\\_201712170000\\_REG\\_201712161800\\_201712162100\\_201712170000\\_000006.png](https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_CC_C_06_201712170000_REG_201712161800_201712162100_201712170000_000006.png)

Central 0300z

[https://www.1800wxbrief.com/Website/Weather/wx\\_data/wx\\_charts/GFA\\_CC\\_C\\_09\\_201712170300\\_REG\\_201712161800\\_201712162100\\_201712170000\\_000009.png](https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_CC_C_09_201712170300_REG_201712161800_201712162100_201712170000_000009.png)

East 2100z

[https://www.1800wxbrief.com/Website/Weather/wx\\_data/wx\\_charts/GFA\\_CC\\_E\\_03\\_201712162100\\_REG\\_201712161800\\_201712162100\\_201712170000\\_000003.png](https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_CC_E_03_201712162100_REG_201712161800_201712162100_201712170000_000003.png)

East 0000z

[https://www.1800wxbrief.com/Website/Weather/wx\\_data/wx\\_charts/GFA\\_CC\\_E\\_06\\_201712170000\\_REG\\_201712161800\\_201712162100\\_201712170000\\_000006.png](https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_CC_E_06_201712170000_REG_201712161800_201712162100_201712170000_000006.png)

East 0300z

[https://www.1800wxbrief.com/Website/Weather/wx\\_data/wx\\_charts/GFA\\_CC\\_E\\_09\\_201712170300\\_REG\\_201712161800\\_201712162100\\_201712170000\\_000009.png](https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_CC_E_09_201712170300_REG_201712161800_201712162100_201712170000_000009.png)

CONUS 2100z

[https://www.1800wxbrief.com/Website/Weather/wx\\_data/wx\\_charts/GFA\\_CC\\_US\\_03\\_201712162100\\_REG\\_201712161800\\_201712162100\\_201712170000\\_000003.png](https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_CC_US_03_201712162100_REG_201712161800_201712162100_201712170000_000003.png)

CONUS 0000z

[https://www.1800wxbrief.com/Website/Weather/wx\\_data/wx\\_charts/GFA\\_CC\\_US\\_06\\_201712170000\\_REG\\_201712161800\\_201712162100\\_201712170000\\_000006.png](https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_CC_US_06_201712170000_REG_201712161800_201712162100_201712170000_000006.png)

CONUS 0300z

[https://www.1800wxbrief.com/Website/Weather/wx\\_data/wx\\_charts/GFA\\_CC\\_US\\_09\\_201712170300\\_REG\\_201712161800\\_201712162100\\_201712170000\\_000009.png](https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_CC_US_09_201712170300_REG_201712161800_201712162100_201712170000_000009.png)

Vis, Sfc Winds & Precip

Central 2100z

[https://www.1800wxbrief.com/Website/Weather/wx\\_data/wx\\_charts/GFA\\_VIS\\_C\\_03\\_201712162100\\_REG\\_201712161800\\_201712162100\\_201712170000\\_000003.png](https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_VIS_C_03_201712162100_REG_201712161800_201712162100_201712170000_000003.png)

Central 0000z

[https://www.1800wxbrief.com/Website/Weather/wx\\_data/wx\\_charts/GFA\\_VIS\\_C\\_06\\_201712170000\\_REG\\_201712161800\\_201712162100\\_201712170000\\_000006.png](https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_VIS_C_06_201712170000_REG_201712161800_201712162100_201712170000_000006.png)

Central 0300z

[https://www.1800wxbrief.com/Website/Weather/wx\\_data/wx\\_charts/GFA\\_VIS\\_C\\_09\\_201712170300\\_REG\\_201712161800\\_201712162100\\_201712170000\\_000009.png](https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_VIS_C_09_201712170300_REG_201712161800_201712162100_201712170000_000009.png)

00\_REG\_201712161800\_201712162100\_201712170000\_000009.png

East 2100z

[https://www.1800wxbrief.com/Website/Weather/wx\\_data/wx\\_charts/GFA\\_VIS\\_E\\_03\\_201712162100\\_REG\\_201712161800\\_201712162100\\_201712170000\\_000003.png](https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_VIS_E_03_201712162100_REG_201712161800_201712162100_201712170000_000003.png)

East 0000z

[https://www.1800wxbrief.com/Website/Weather/wx\\_data/wx\\_charts/GFA\\_VIS\\_E\\_06\\_201712170000\\_REG\\_201712161800\\_201712162100\\_201712170000\\_000006.png](https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_VIS_E_06_201712170000_REG_201712161800_201712162100_201712170000_000006.png)

East 0300z

[https://www.1800wxbrief.com/Website/Weather/wx\\_data/wx\\_charts/GFA\\_VIS\\_E\\_09\\_201712170300\\_REG\\_201712161800\\_201712162100\\_201712170000\\_000009.png](https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_VIS_E_09_201712170300_REG_201712161800_201712162100_201712170000_000009.png)

CONUS 2100z

[https://www.1800wxbrief.com/Website/Weather/wx\\_data/wx\\_charts/GFA\\_VIS\\_US\\_03\\_201712162100\\_REG\\_201712161800\\_201712162100\\_201712170000\\_000003.png](https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_VIS_US_03_201712162100_REG_201712161800_201712162100_201712170000_000003.png)

CONUS 0000z

[https://www.1800wxbrief.com/Website/Weather/wx\\_data/wx\\_charts/GFA\\_VIS\\_US\\_06\\_201712170000\\_REG\\_201712161800\\_201712162100\\_201712170000\\_000006.png](https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_VIS_US_06_201712170000_REG_201712161800_201712162100_201712170000_000006.png)

CONUS 0300z

[https://www.1800wxbrief.com/Website/Weather/wx\\_data/wx\\_charts/GFA\\_VIS\\_US\\_09\\_201712170300\\_REG\\_201712161800\\_201712162100\\_201712170000\\_000009.png](https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_VIS_US_09_201712170300_REG_201712161800_201712162100_201712170000_000009.png)

Terminal Forecasts

TAF nearest departure: KMKC

Charles B. Wheeler Downtown, Kansas City, MO (KMKC). Issued Dec 16, 1738Z, valid from Dec 16, 1800Z until Dec 17, 1800Z, Wind from 210° at 10 knots, greater than 6 statute miles visibility, Few clouds at 25,000 feet

From Dec 17, 0000Z, Wind from 180° at 9 knots, greater than 6 statute miles visibility, Few clouds at 25,000 feet

From Dec 17, 0900Z, Wind from 190° at 8 knots, greater than 6 statute miles visibility, Showers in the Vicinity, Ceiling is Overcast at 7,000 feet

From Dec 17, 1100Z, Wind from 190° at 7 knots, 4 statute miles visibility, Light Rain and Mist, Ceiling is Overcast at 2,000 feet

From Dec 17, 1600Z, Wind from 220° at 6 knots, greater than 6 statute miles visibility, Ceiling is Overcast at 2,000 feet.

Kansas City International, Kansas City, MO (KMCI). Issued Dec 16, 1738Z, valid from Dec 16, 1800Z until Dec 17, 1800Z, Wind from 220° at 12 knots, greater than 6 statute miles visibility, Few clouds at 25,000 feet

From Dec 17, 0000Z, Wind from 180° at 9 knots, greater than 6 statute miles visibility, Few clouds at 25,000 feet

From Dec 17, 1000Z, Wind from 190° at 8 knots, greater than 6 statute miles visibility, Showers in the Vicinity, Ceiling is Overcast at 7,000 feet

From Dec 17, 1200Z, Wind from 190° at 7 knots, 4 statute miles visibility, Light Rain and Mist, Ceiling is Overcast at 2,000 feet

From Dec 17, 1700Z, Wind from 220° at 6 knots, greater than 6 statute miles visibility, Ceiling is Overcast at 2,000 feet.

New Century Aircenter, Olathe, KS (KIXD). Amended Dec 16, 1900Z, valid from Dec 16, 1900Z until Dec 17, 1800Z, Wind from 210° at 12 knots with gusts to 22 knots, greater than 6 statute miles visibility, Few clouds at 25,000 feet  
From Dec 16, 2200Z, Wind from 180° at 9 knots, greater than 6 statute miles visibility, Few clouds at 25,000 feet  
From Dec 17, 0900Z, Wind from 190° at 8 knots, greater than 6 statute miles visibility, Showers in the Vicinity, Ceiling is Overcast at 7,000 feet  
From Dec 17, 1100Z, Wind from 190° at 7 knots, 4 statute miles visibility, Light Rain and Mist, Ceiling is Overcast at 2,000 feet  
From Dec 17, 1600Z, Wind from 220° at 6 knots, greater than 6 statute miles visibility, Ceiling is Overcast at 2,000 feet.

Whiteman Air Force Base, Knob Noster, MO (KSZL). Amended Dec 16, 2115Z, valid from Dec 16, 2100Z until Dec 18, 0100Z, Wind from 230° at 12 knots with gusts to 20 knots, greater than 9,000 meters visibility, Sky Clear, light turbulence 1,000 feet to 10,000 feet, altimeter 29.85 inches  
Becoming between Dec 16, 2300Z and Dec 17, 0000Z, Wind from 190° at 12 knots, greater than 9,000 meters visibility, Few clouds at 25,000 feet, light turbulence 1,000 feet to 10,000 feet, altimeter 29.87 inches  
Becoming between Dec 17, 0500Z and Dec 17, 0600Z, Wind from 180° at 6 knots, greater than 9,000 meters visibility, Scattered Clouds at 10,000 feet, Ceiling is Broken at 12,000 feet, altimeter 29.96 inches  
Becoming between Dec 17, 1100Z and Dec 17, 1200Z, Wind from 160° at 6 knots, 6,000 meters visibility, Light Showers Rain, Ceiling is Overcast at 900 feet, light rime icing in clouds 5,000 feet to 10,000 feet, altimeter 29.98 inches  
Becoming between Dec 17, 1500Z and Dec 17, 1600Z, Wind from 210° at 9 knots, greater than 9,000 meters visibility, No Significant Weather, Ceiling is Broken at 1,000 feet, Broken Clouds at 5,000 feet, light rime icing in clouds 7,000 feet to 10,000 feet, altimeter 29.99 inches, forecast maximum temperature 17°C on Dec 16, 2100Z, forecast minimum temperature 3°C on Dec 17, 1200Z.

Columbia Regional, Columbia, MO (KCOU). Issued Dec 16, 1720Z, valid from Dec 16, 1800Z until Dec 17, 1800Z, Wind from 210° at 12 knots with gusts to 24 knots, greater than 6 statute miles visibility, Sky Clear  
From Dec 16, 2200Z, Wind from 200° at 8 knots, greater than 6 statute miles visibility, Sky Clear  
From Dec 17, 0900Z, Wind from 190° at 7 knots, greater than 6 statute miles visibility, Ceiling is Broken at 11,000 feet  
From Dec 17, 1200Z, Wind from 180° at 6 knots, greater than 6 statute miles visibility, Light Rain, Ceiling is Overcast at 8,000 feet  
From Dec 17, 1400Z, Wind from 180° at 5 knots, 3 statute miles visibility, Light Rain and Mist, Ceiling is Overcast at 1,500 feet.

St. Louis Lambert International, St. Louis, MO (KSTL). Amended Dec 16, 2106Z, valid from Dec 16, 2100Z until Dec 18, 0000Z, Wind from 220° at 10 knots with gusts to 22 knots, greater than 6 statute miles visibility, Sky Clear  
From Dec 16, 2300Z, Wind from 200° at 5 knots, greater than 6 statute miles visibility, Sky Clear  
From Dec 17, 1100Z, Wind from 190° at 5 knots, greater than 6 statute miles visibility, Ceiling is

Broken at 9,000 feet

From Dec 17, 1400Z, Wind from 190° at 6 knots, greater than 6 statute miles visibility, Light Rain, Ceiling is Overcast at 1,500 feet

From Dec 17, 1800Z, Wind from 180° at 6 knots, greater than 6 statute miles visibility, Ceiling is Overcast at 1,500 feet.

Terre Haute Regional, Terre Haute, IN (KHUF). Issued Dec 16, 1725Z, valid from Dec 16, 1800Z until Dec 17, 1800Z, Wind from 210° at 12 knots with gusts to 24 knots, greater than 6 statute miles visibility, Sky Clear

From Dec 16, 2100Z, Wind from 210° at 10 knots, greater than 6 statute miles visibility, Sky Clear

From Dec 17, 0000Z, Wind from 190° at 6 knots, greater than 6 statute miles visibility, Sky Clear

From Dec 17, 1400Z, Wind from 190° at 7 knots, greater than 6 statute miles visibility, Ceiling is Overcast at 11,000 feet

From Dec 17, 1500Z, Wind from 190° at 7 knots, greater than 6 statute miles visibility, Light Showers Rain, Ceiling is Overcast at 7,000 feet.

Monroe County, Bloomington, IN (KBMG). Issued Dec 16, 1725Z, valid from Dec 16, 1800Z until Dec 17, 1800Z, Wind from 220° at 11 knots with gusts to 23 knots, greater than 6 statute miles visibility, Sky Clear

From Dec 16, 2100Z, Wind from 220° at 10 knots, greater than 6 statute miles visibility, Sky Clear

From Dec 17, 0000Z, Wind from 210° at 6 knots, greater than 6 statute miles visibility, Few clouds at 25,000 feet

From Dec 17, 1400Z, Wind from 190° at 6 knots, greater than 6 statute miles visibility, Ceiling is Overcast at 8,000 feet

From Dec 17, 1500Z, Wind from 190° at 6 knots, greater than 6 statute miles visibility, Light Showers Rain, Ceiling is Overcast at 6,000 feet.

Convective Outlook

None

Winds Aloft Forecast

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

Station 030 050 060 070 090 110 120 130 180 240 300 340 390 450 530

170000Z

2000-0300Z

MKC 220028 240022 250020+09 243018+07 230016+03 230019+00 230021-02 230023-04 230033-15 240053-26 240082-41 240100-50 240104-61 240085-63 250041-63

COU 230032 243026 250024+09 250021+07 250017+03 250021+00 250023-02 248024-04 240034-14 240043-26 250087-41 250113-49 250119-60

BRL 240024 246020 250018+08 253020+06 260026+02 266029-01 270031-03 268033-05 260044-16 260056-27 260059-43 250076-52 250103-60

STL 230027 250023 260022+08 263021+06 270020+03 263024+00 260027-02 258028-04 250037-15 250039-27 260088-40 260115-49 250120-60 260099-64 260049-64

SPI 240027 253024 260023+08 263023+06 270024+02 270029-01 270032-03 268033-05 260040-15 260051-27 260063-42 260101-50 260117-60

EVV 250028 263023 270021+07 273022+05 280024+03 273027+00 270029-02 268030-04 260039-15 260043-26 270100-39 270118-49 260127-59

IND 250039 270033 280030+06 283030+04 290030+02 283036-01 280039-03 280041-05 280051-

16 270059-27 270069-43 270095-50 270123-59 270107-64 280054-62  
CVG 250036 270030 280027+06 283028+04 290030+02 283036-01 280039-03 280040-05 280050-  
16 270058-27 270073-42 270117-49 270133-58  
LOU 240032 266026 280024+07 280025+05 280028+03 273030+00 270032-02 270033-04 270041-  
15 270049-27 270098-39 270127-49 260134-58 270112-64 270062-65

170600Z

0300-1200Z

MKC 230032 243016 250009+03 230014+02 190024+02 196026-01 200028-03 201029-05 210036-  
15 210035-26 210074-43 220095-53 230094-59 240066-60 240043-61  
COU 240034 240017 240009+05 226012+04 200020+02 193022-02 190024-04 195024-05 220028-  
14 220048-24 220076-41 230101-52 230115-61  
BRL 260023 246019 240018+08 240019+06 240021+02 240022-01 240023-03 240025-05 240038-  
17 260054-28 240089-42 240115-52 250108-60  
STL 260025 233015 220011+07 216014+05 210022+03 210022-01 210023-03 215025-04 240037-14  
230045-25 230082-41 240101-52 240123-60 240077-63 260051-63  
SPI 260026 246020 240018+08 236020+06 230024+03 243023-01 250023-03 248025-05 240040-15  
260052-27 240081-41 240106-52 250123-60  
EVV 260021 240017 230015+07 230018+05 230024+03 230025+00 230026-02 233029-03 250047-  
12 250058-25 250084-40 250107-49 250121-59  
IND 280022 260024 250026+06 253026+04 260027+02 260030-01 260032-03 260034-05 260046-  
16 270061-26 260094-40 260114-51 260126-59 260097-64 270056-63  
CVG 270034 263026 260022+05 256023+04 250027+02 256031-01 260033-03 260035-05 260046-  
15 270063-25 270100-40 260110-50 260127-60  
LOU 270024 256020 250019+07 246021+05 240025+03 246026+00 250027-02 251031-03 260051-  
13 270060-25 260089-39 260106-49 260127-60 260102-66 270062-66

171800Z

1200-0000Z

MKC 300017 280019 270021-01 266023-01 260027-02 253029-03 250030-04 250032-05 250042-14  
260052-25 250091-41 250125-50 250105-59 230070-60 250050-62  
COU 210012 236024 250030+02 253032+01 260038-01 253044-03 250047-05 251048-06 260058-  
15 260074-23 250098-40 250122-49 250113-58  
BRL 210020 230024 240026+00 246026+00 260028-02 260032-05 260034-07 258033-09 250031-19  
220029-30 260093-38 260098-49 250091-57  
STL 210009 236021 250028+02 253032+01 260042-01 260043-03 260044-05 260046-06 260058-16  
260089-21 260105-40 250120-49 260111-58 240085-64 260058-62  
SPI 230013 230018 230021-01 240027-01 260041-02 260040-04 260040-06 258037-08 250023-19  
260069-24 260125-38 260124-49 250109-58  
EVV 200017 233024 250028+02 250031+01 250038-01 256036-03 260035-05 258042-06 250078-11  
250090-22 260101-39 260112-49 260114-59  
IND 230021 236022 240023-02 250020-02 270015-03 250019-05 240022-06 241026-07 250047-16  
250070-27 260122-39 260129-49 260118-57 260091-60 270060-61  
CVG 240019 226019 220020-03 226027-02 240041-01 240045-03 240048-04 241053-05 250083-14  
250103-21 260116-39 260121-49 260120-60  
LOU 220016 226027 230033+01 233037+00 240045+00 246047-03 250048-05 250054-06 250088-

11 260095-21 260101-39 260112-49 260115-59 250094-64 260070-66

All Apron NOTAMs

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

!MKC 12/017 Charles B.Wheeler Downtown, Kansas City, MO (KMKC) Apron southeast T hangar access at taxiway D closed Dec 12, 2017 1740Z to Dec 18, 2017 2000Z

!SET 11/009 St. Charles County Smartt, St. Charles, MO (KSET) Apron west ramp between taxiway C and north end ramp closed Nov 29, 2017 1643Z to Dec 29, 2017 2100Z

!STL 11/478 St. Louis Lambert International, St. Louis, MO (KSTL) Apron TXL C between taxiway N and taxiway P north edge irregular surface Nov 30, 2017 2223Z to Dec 31, 2017 2359Z

!STL 11/477 St. Louis Lambert International, St. Louis, MO (KSTL) Apron gate D24 work in progress open excavation lighted and barricaded Nov 30, 2017 2222Z to Dec 31, 2017 2359Z

!STL 11/475 St. Louis Lambert International, St. Louis, MO (KSTL) Apron gate D12 work in progress open excavation lighted and barricaded Nov 30, 2017 2219Z to Dec 31, 2017 2359Z

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

All Taxiway NOTAMs

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

!MKC 12/015 Charles B.Wheeler Downtown, Kansas City, MO (KMKC) Taxiway L3 closed Dec 12, 2017 1705Z to Dec 18, 2017 2000Z

!MCI 12/042 Kansas City International, Kansas City, MO (KMCI) Taxiway A1 centerline light between approach end runway 19 right and taxiway A not standard Dec 16, 2017 1014Z to Dec 22, 2017 2359Z

!MCI 11/169 Kansas City International, Kansas City, MO (KMCI) Taxiway B1 between taxiway B and FedEx apron centerline steering required. Nov 28, 2017 2132Z-permanent

!MCI 11/097 Kansas City International, Kansas City, MO (KMCI) Taxiway C8 edge markings between runway 09/27 and taxiway C not marked Nov 14, 2017 0421Z to Apr 30, 2018 2300Z



!MCI 11/096 Kansas City International, Kansas City, MO (KMCI) Taxiway C6 edge markings between runway 09/27 and taxiway C not marked Nov 14, 2017 0421Z to Apr 30, 2018 2300Z

!OJC 08/002 Johnson CO Executive, Olathe, KS (KOJC) Taxiway F east of taxiway B closed Aug 03, 2017 2040Z to Dec 31, 2017 2359Z

!STL 12/068 St. Louis Lambert International, St. Louis, MO (KSTL) Taxiway K1 between signature ramp and taxiway K closed Dec 05, 2017 1509Z to Jan 05, 2018 2359Z

!STL 11/471 St. Louis Lambert International, St. Louis, MO (KSTL) Taxiway S holding position markings between runway 12R/30L and taxiway E not standard Nov 30, 2017 2222Z to Dec 31, 2017 2359Z

!STL 11/469 St. Louis Lambert International, St. Louis, MO (KSTL) Taxiway E2 surface painted holding position signs removed Nov 30, 2017 2221Z to Dec 31, 2017 2359Z

!STL 11/226 St. Louis Lambert International, St. Louis, MO (KSTL) Taxiway P run-up pad marking all not standard Nov 14, 2017 1940Z to Jan 31, 2018 2359Z

!STL 11/116 St. Louis Lambert International, St. Louis, MO (KSTL) Taxiway V2 closed to aircraft wingspan more than 118 feet Nov 07, 2017 1340Z-permanent

!STL 06/520 St. Louis Lambert International, St. Louis, MO (KSTL) Taxiway V2 aircraft with wingspan greater than 78 feet must perform JUDGEMENTAL oversteering instead of cockpit over centerline steering when taxi Jun 29, 2017 1534Z-permanent

All Runway NOTAMs

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

!MKC 12/025 Charles B.Wheeler Downtown, Kansas City, MO (KMKC) Runway 19 RTHL out of service Dec 16, 2017 0408Z to Dec 29, 2017 1800Z Estimated

!LXT 12/006 Lees Summit Municipal, Lee'S Summit, MO (KLXT) Runway 29 runway end ID light out of service Dec 12, 2017 2053Z to Dec 19, 2017 2300Z

!LXT 12/005 Lees Summit Municipal, Lee'S Summit, MO (KLXT) Runway 29 precision approach path indicator out of service Dec 12, 2017 2052Z to Dec 19, 2017 2300Z

!LXT 12/004 Lees Summit Municipal, Lee'S Summit, MO (KLXT) Runway 11 precision approach path indicator out of service Dec 12, 2017 2051Z to Dec 19, 2017 2300Z

!LXT 12/003 Lees Summit Municipal, Lee'S Summit, MO (KLXT) Runway 11/29 closed Dec 12, 2017 1245Z to Dec 19, 2017 2200Z

!LXT 11/006 Lees Summit Municipal, Lee'S Summit, MO (KLXT) Runway 36 visual approach slope indicator out of service Nov 22, 2017 1952Z to Jan 05, 2018 2100Z

!LXT 11/005 Lees Summit Municipal, Lee'S Summit, MO (KLXT) Runway 36 runway end ID light out of service Nov 22, 2017 1949Z to Jan 05, 2018 2100Z

!LXT 11/004 Lees Summit Municipal, Lee'S Summit, MO (KLXT) Runway 18 runway end ID light out of service Nov 22, 2017 1947Z to Jan 05, 2018 2100Z

!LXT 11/003 Lees Summit Municipal, Lee'S Summit, MO (KLXT) Runway 18 visual approach slope indicator out of service Nov 22, 2017 1946Z to Jan 05, 2018 2100Z

!LXT 11/002 Lees Summit Municipal, Lee'S Summit, MO (KLXT) Runway 11 runway end ID light out of service Nov 22, 2017 1936Z to Jan 05, 2018 2100Z

!COU 11/172 Midwest Ntl Air Center, Mosby, MO (KGPH) Runway 36 runway end ID light out of service Nov 16, 2017 1223Z to May 16, 2018 2111Z Estimated

!COU 07/231 East Kansas City, Grain Valley, MO (K3GV) Runway 27 visual approach slope indicator unusable Jul 20, 2017 1754Z to Jan 20, 2018 2111Z Estimated

!COU 07/230 East Kansas City, Grain Valley, MO (K3GV) Runway 09 visual approach slope indicator unusable Jul 20, 2017 1753Z to Jan 20, 2018 2111Z Estimated

!COU 06/371 Skyhaven, Warrensburg, MO (KRCM) Runway 19 runway end ID light out of service Jun 27, 2017 1930Z-permanent

!COU 06/370 Skyhaven, Warrensburg, MO (KRCM) Runway 01 runway end ID light out of service Jun 27, 2017 1930Z-permanent

!COU 12/151 Higginsville Industrial Municipal, Higginsville, MO (KHIG) Runway 16 runway end ID light out of service Dec 15, 2017 1355Z to Jun 15, 2018 2111Z Estimated

!COU 11/223 Marshall Memorial Municipal, Marshall, MO (KMHL) Runway 36

precision approach path indicator out of service Nov 21, 2017 1516Z to Jan 15, 2018 1500Z

!COU 11/222 Marshall Memorial Municipal, Marshall, MO (KMHL) Runway 18 precision approach path indicator out of service Nov 21, 2017 1516Z to Jan 15, 2018 1500Z

!COU 11/221 Marshall Memorial Municipal, Marshall, MO (KMHL) Runway 36 runway end ID light out of service Nov 21, 2017 1516Z to Jan 15, 2018 1500Z

!COU 11/220 Marshall Memorial Municipal, Marshall, MO (KMHL) Runway 18 runway end ID light out of service Nov 21, 2017 1517Z to Jan 15, 2018 1500Z

!COU 12/155 Jesse Viertel Memorial, Boonville, MO (KVER) Runway 36 runway end ID light out of service Dec 15, 2017 2156Z to Dec 22, 2017 2100Z  
Estimated

!COU 09/221 Omar N Bradley, Moberly, MO (KMBY) Runway 13 precision approach path indicator unusable Sep 22, 2017 1201Z to Mar 23, 2018 2111Z Estimated

!COU 12/132 Columbia Regional, Columbia, MO (KCOU) Runway 31 runway end ID light out of service Dec 12, 2017 2311Z to Dec 20, 2017 0300Z

!COU 12/130 Columbia Regional, Columbia, MO (KCOU) Runway 13 runway end ID light out of service Dec 12, 2017 2301Z to Dec 20, 2017 0300Z

!STL 09/012 Creve Coeur, St. Louis, MO (K1H0) Runway 16 runway end ID light out of service Sep 01, 2017 1209Z to Mar 01, 2018 2111Z Estimated

!STL 11/472 St. Louis Lambert International, St. Louis, MO (KSTL) Runway 12 left lead off line to taxiway H not standard Nov 30, 2017 2216Z to Dec 31, 2017 2359Z

!ALN 07/008 St. Louis Regional, Alton/St Louis, IL (KALN) Runway 11 visual approach slope indicator decommissioned Jul 27, 2017 1212Z-permanent

!STL 09/088 Greenville, Greenville, IL (KGRE) Runway 18 runway end ID light out of service Sep 07, 2017 1156Z to Mar 07, 2018 2111Z Estimated

!STL 09/087 Greenville, Greenville, IL (KGRE) Runway 36 runway end ID light out of service Sep 07, 2017 1156Z to Mar 07, 2018 2111Z Estimated

!STL 09/179 Casey Municipal, Casey, IL (K1H8) Runway 04/22 marking not standard Sep 14, 2017 1152Z to Mar 14, 2018 2111Z Estimated

!RSV 08/003 Crawford CO, Robinson, IL (KRSV) Runway 27 pulsating visual

approach slope indicator out of service Aug 01, 2017 1513Z to Feb 03, 2018 2111Z Estimated

!RSV 08/002 Crawford CO, Robinson, IL (KRSV) Runway 17 runway end ID light out of service Aug 01, 2017 1512Z to Feb 03, 2018 2111Z Estimated

!RSV 08/001 Crawford CO, Robinson, IL (KRSV) Runway 09 pulsating visual approach slope indicator out of service Aug 01, 2017 1509Z to Feb 03, 2018 2111Z Estimated

!HUF 11/184 Terre Haute Regional, Terre Haute, IN (KHUF) Runway 18/36 closed Nov 08, 2017 1555Z-permanent

!BMG 10/004 Monroe County, Bloomington, IN (KBMG) Runway 17 visual approach slope indicator decommissioned Oct 04, 2017 2056Z-permanent

!BMG 10/003 Monroe County, Bloomington, IN (KBMG) Runway 17 precision approach path indicator commissioned Oct 04, 2017 2052Z-permanent

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

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

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

All Aerodrome NOTAMs

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

!COU 12/112 Skyhaven, Warrensburg, MO (KRCM) Aerodrome airport jet A fuel not available Dec 11, 2017 1751Z to Dec 23, 2017 1400Z

All Communication NOTAMs

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

!MCI 10/145 Kansas City International, Kansas City, MO (KMCI) Communication CPDLC departure clear logon changed to KUSA Oct 22, 2017 0745Z-permanent

!ICT 01/134 Fort Leavenworth-Sherman Army Airfield, Fort Leavenworth, KS (KFLV) Communication remote communication outlet 122.35/255.40 Decommissioned Jan 05, 2015 1811Z-permanent

!STL 10/322 St. Louis Lambert International, St. Louis, MO (KSTL)  
Communication CPDLC departure clear logon changed to KUSA Oct 22, 2017  
0733Z-permanent  
All Navigation NOTAMs  
All published NOTAMs are available in the Notices to Airmen Publication  
(NTAP).

!MKC 12/007 Charles B.Wheeler Downtown, Kansas City, MO (KMKC) Navigation  
ILS runway 03 DME not monitor Dec 08, 2017 1345Z to Dec 20, 2017 1800Z  
Estimated

!STL 12/019 St. Louis Lambert International, St. Louis, MO (KSTL)  
Navigation ILS runway 30 right DME beyond 8.0 DME unusable Dec 01, 2016  
2045Z-permanent

!STL 05/185 VLA Navigation TACAN azimuth out of service May 09, 2017 1821Z  
to Jul 13, 2018 1800Z Estimated

!MTO 03/013 Coles County Memorial, Mattoon/Charleston, IL (KMTO) Navigation  
ILS runway 29 ZEBRE compass locator at ILS outer marker decommissioned Mar  
31, 2016 1500Z-permanent

!HUF 05/031 Terre Haute Regional, Terre Haute, IN (KHUF) Navigation ILS  
runway 05 YINNO compass locator at ILS outer marker not monitor May 02,  
2016 1609Z-permanent

!HUF 12/482 Terre Haute, Terre Haute, IN (TTH) Navigation VORTAC not  
monitor Dec 15, 2017 2212Z to Dec 26, 2017 1800Z Estimated

!BMG 10/002 Monroe County, Bloomington, IN (KBMG) Navigation ILS runway 35  
localizer unusable 28DEG right and 29DEG left of runway center line Oct 04,  
2017 1324Z-permanent

!BMG 10/001 Monroe County, Bloomington, IN (KBMG) Navigation ILS runway 35  
facility PER classification code changed to class it Oct 04, 2017  
1315Z-permanent

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

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

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

#### All Service NOTAMs

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

!STL 11/479 Mexico Memorial, Mexico, MO (KMYJ) Service automated weather broadcast system wind unreliable Nov 30, 2017 2302Z to Jan 16, 2018 2359Z

#### All Obstruction NOTAMs

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

!MKC 06/050 Charles B.Wheeler Downtown, Kansas City, MO (KMKC) Obstruction tower light (Antenna Structure Registration 1037806) 39° 02' 17.00" North 094° 36' 54.00" West (5.2 Nautical miles S MKC) 1506.9 Feet (546.9 Feet above ground level) out of service Jun 19, 2017 2040Z to Dec 31, 2017 2045Z

!MKC 12/014 Charles B.Wheeler Downtown, Kansas City, MO (KMKC) Obstruction tower light (Antenna Structure Registration 1245988) 39° 09' 55.50" North 094° 34' 34.10" West (2.7 Nautical miles north-north-east MKC) 1035.1 Feet (128.0 Feet above ground level) out of service Dec 12, 2017 1158Z to Dec 26, 2017 1300Z

!MKC 12/009 Charles B.Wheeler Downtown, Kansas City, MO (KMKC) Obstruction tower light (Antenna Structure Registration 1003925) 39° 07' 23.00" North 094° 23' 25.00" West (9.4 Nautical miles E MKC) 1553.8 Feet (562.0 Feet above ground level) out of service Dec 09, 2017 1003Z to Dec 24, 2017 1003Z

!ICT 12/146 Fort Leavenworth-Sherman Army Airfield, Fort Leavenworth, KS (KFLV) Obstruction stack (UNKNOWN) 392141N0945501W (.50 Nautical miles W FLV) 1,008 feet (150FT above ground level) not lighted Dec 15, 2017 0051Z to Jan 15, 2018 0050Z

!COU 12/144 Cedar Air Park, Olathe, KS (K51K) Obstruction tower light (Antenna Structure Registration 1044528) 39° 00' 45.00" North 095° 01' 47.00" West (8.3 Nautical miles northwest 51K) 1894.0 Feet (1048.9 Feet above ground level) out of service Dec 14, 2017 1620Z to Dec 29, 2017 1619Z

!IXD 11/025 New Century Aircenter, Olathe, KS (KIXD) Obstruction crane (Aeronautical Study Number unknown) 385013N0945418W (0.65 Nautical miles W approach end runway 18) 1,071 feet (125FT above ground level) flagged Nov 30, 2017 2213Z to Jan 31, 2018 2300Z

!LWC 12/004 Lawrence Municipal, Lawrence, KS (KLWC) Obstruction tower light (Antenna Structure Registration unknown) 38° 05' 62.20" North 095° 05' 20.52" West (8.6 Nautical miles east-south-east LWC) 1,080 feet (188FT above ground level) out of service Dec 04, 2017 0854Z to Dec 19, 2017 0847Z

!COU 12/049 Excelsior Springs Memorial, Excelsior Springs, MO (K3EX)  
Obstruction tower light (Antenna Structure Registration 1006236) 39° 25'  
48.00" North 094° 13' 35.10" West (5.7 Nautical miles north-north-west 3EX)  
1372.0 Feet (295.6 Feet above ground level) out of service Dec 05, 2017  
2313Z to Jan 05, 2018 2315Z

!COU 12/029 Excelsior Springs Memorial, Excelsior Springs, MO (K3EX)  
Obstruction tower light (Antenna Structure Registration 1296807) 39° 27'  
02.50" North 094° 11' 08.50" West (6.8 Nautical miles NE 3EX) 1309.7 Feet  
(258.9 Feet above ground level) out of service Dec 04, 2017 2215Z to Jan  
03, 2018 2359Z

!COU 12/041 Excelsior Springs Memorial, Excelsior Springs, MO (K3EX)  
Obstruction tower light (Antenna Structure Registration 1274012) 39° 28'  
47.90" North 094° 01' 52.20" West (11.5 Nautical miles NE 3EX) 1237.9 Feet  
(259.8 Feet above ground level) out of service Dec 05, 2017 0537Z to Jan  
04, 2018 1300Z

!COU 11/269 Skyhaven, Warrensburg, MO (KRCM) Obstruction tower light  
(Antenna Structure Registration 1230023) 38° 50' 05.00" North 093° 59'  
11.10" West (9.1 Nautical mile west-north-west RCM) 1308.1 Feet (419.0 Feet  
above ground level) out of service Nov 27, 2017 1738Z to Jan 12, 2018 1940Z

!COU 12/015 Excelsior Springs Memorial, Excelsior Springs, MO (K3EX)  
Obstruction tower light (Antenna Structure Registration 1274010) 39° 24'  
02.40" North 093° 59' 42.00" West (10.2 Nautical miles east-north-east 3EX)  
1182.7 Feet (259.8 Feet above ground level) out of service Dec 03, 2017  
1558Z to Dec 18, 2017 1558Z

!COU 12/118 Lexington Municipal, Lexington, MO (K4K3) Obstruction tower  
light (Antenna Structure Registration 1274009) 39° 19' 53.40" North 093°  
59' 07.30" West (7.8 Nautical miles north-north-west 4K3) 1022.0 Feet  
(259.8 Feet above ground level) out of service Dec 12, 2017 0417Z to Dec  
26, 2017 0417Z

!COU 10/348 Skyhaven, Warrensburg, MO (KRCM) Obstruction tower light  
(Antenna Structure Registration 1285594) 38° 42' 21.30" North 093° 50'  
34.20" West (5.1 Nautical mile south-south-west RCM) 1161.4 Feet (310.0  
Feet above ground level) out of service Oct 26, 2017 1606Z to Feb 21, 2018  
2359Z

!COU 12/135 Skyhaven, Warrensburg, MO (KRCM) Obstruction tower light  
(Antenna Structure Registration 1002795) 38° 43' 24.50" North 093° 37'  
59.10" West (8.74 Nautical miles east-south-east RCM) 1,226 feet (317FT  
above ground level) out of service Dec 13, 2017 0716Z to Dec 27, 2017  
1300Z

!DMO 10/008 Sedalia Regional, Sedalia, MO (KDMO) Obstruction tower light (Antenna Structure Registration 1004615) 38° 44' 46.10" North 093° 16' 34.10" West (5.2 Nautical miles west-north-west DMO) 1623.0 Feet (796.9 Feet above ground level) out of service Oct 18, 2017 1330Z to Jan 18, 2018 2359Z

!COU 12/126 Jesse Viertel Memorial, Boonville, MO (KVER) Obstruction tower light (Antenna Structure Registration 1272548) 39° 14' 27.85" North 092° 47' 18.18" West (21.1 Nautical mile north-north-west VER) 804 feet (405FT above ground level) out of service Dec 12, 2017 1922Z to Dec 27, 2017 2300Z

!COU 12/119 Omar N Bradley, Moberly, MO (KMBY) Obstruction tower light (Antenna Structure Registration 1003478) 39° 27' 35.10" North 092° 42' 07.60" West (12.8 Nautical miles W MBY) 1789.0 Feet (1019.0 Feet above ground level) out of service Dec 12, 2017 0622Z to Dec 27, 2017 0622Z

!COU 12/083 Columbia Regional, Columbia, MO (KCOU) Obstruction tower light (Antenna Structure Registration 1005447) 38° 57' 48.00" North 092° 16' 28.00" West (9.1 Nautical mile north-north-west COU) 1077.1 Feet (268.0 Feet above ground level) out of service Dec 08, 2017 0700Z to Jan 08, 2018 2359Z

!STL 12/110 Mexico Memorial, Mexico, MO (KMYJ) Obstruction tower light (Antenna Structure Registration 1211535) 39° 13' 18.90" North 092° 09' 20.40" West (16.2 Nautical miles west-north-west MYJ) 1282.2 Feet (415.0 Feet above ground level) out of service Dec 09, 2017 0901Z to Dec 29, 2017 0900Z

!STL 11/067 Mexico Memorial, Mexico, MO (KMYJ) Obstruction tower light (Antenna Structure Registration 1061632) 39° 15' 49.00" North 092° 08' 07.00" West (16.0 Nautical miles west-north-west MYJ) 2043.0 Feet (1203.1 Feet above ground level) out of service Nov 04, 2017 2109Z to Jan 04, 2018 2359Z

!JEF 12/001 Jefferson City Memorial, Jefferson City, MO (KJEF) Obstruction tower light (Antenna Structure Registration 1006735) 38° 42' 15.00" North 092° 05' 22.00" West (7.5 Nautical miles north-north-east JEF) 1784.8 Feet (944.9 Feet above ground level) out of service Dec 02, 2017 2354Z to Jan 02, 2018 2359Z

!COU 12/104 Elton Hensley Memorial, Fulton, MO (KFTT) Obstruction light (Aeronautical Study Number 2017-ace-2854-OE) 384829N0915910W (2.0 Nautical miles south-south-east FTT) 1,056 feet (217FT above ground level) out of service Dec 11, 2017 0304Z to Dec 25, 2017 0304Z



!COU 12/043 Elton Hensley Memorial, Fulton, MO (KFTT) Obstruction tower light (Antenna Structure Registration 1005448) 38° 52' 43.00" North 091° 58' 56.00" West (2.6 Nautical miles north-north-east FTT) 1245.1 Feet (393.0 Feet above ground level) out of service Dec 05, 2017 0708Z to Jan 05, 2018 0700Z

!COU 09/182 Elton Hensley Memorial, Fulton, MO (KFTT) Obstruction tower light (Antenna Structure Registration 1006218) 38° 44' 25.00" North 091° 47' 08.00" West (11.7 Nautical miles east-south-east FTT) 1141.7 Feet (318.2 Feet above ground level) out of service Sep 19, 2017 1008Z to Feb 18, 2018 1008Z

!COU 12/103 Elton Hensley Memorial, Fulton, MO (KFTT) Obstruction tower light (Aeronautical Study Number 2017-ace-2394-OE) 385425N0914239W (14.3 Nautical miles east-north-east FTT) 1,062 feet (230FT above ground level) out of service Dec 11, 2017 0302Z to Dec 25, 2017 0302Z Dec 11, 2017 0303Z to Dec 25, 2017 0300Z

!STL 12/199 Cpt Ben Smith Airfield Monroe City, Monroe City, MO (KK52) Obstruction tower light (Antenna Structure Registration 1219826) 39° 30' 57.10" North 091° 38' 32.51" West (9.3 Nautical miles south-south-east K52) 1,050 feet (350FT above ground level) out of service Dec 16, 2017 1657Z to Dec 31, 2017 2300Z

!STL 12/117 Bowling Green Municipal, Bowling Green, MO (KH19) Obstruction tower light (Antenna Structure Registration 1053245) 39° 25' 34.00" North 091° 13' 25.00" West (3.4 Nautical miles N H19) 1204.1 Feet (318.9 Feet above ground level) out of service Dec 10, 2017 1037Z to Dec 25, 2017 1036Z

!STL 12/201 Greensfield, Moscow Mills, MO (KM71) Obstruction tower light (Aeronautical Study Number 2017-ace-2413-OE) 390009N0905808W (6.1 Nautical mile N M71) 815 feet (260FT above ground level) out of service Dec 16, 2017 1701Z to Dec 31, 2017 0455Z

!STL 12/107 Greensfield, Moscow Mills, MO (KM71) Obstruction tower light (Antenna Structure Registration 1213955) 39° 09' 18.10" North 090° 47' 16.80" West (17.2 Nautical miles north-north-east M71) 744.1 Feet (251.0 Feet above ground level) out of service Dec 08, 2017 1957Z to Dec 23, 2017 1957Z

!SUS 12/004 Spirit of St. Louis, St. Louis, MO (KSUS) Obstruction tower light (Antenna Structure Registration 1003273) 38° 48' 59.90" North 090° 45' 30.00" West (10.5 Nautical miles north-north-west SUS) 890.7 Feet (318.9 Feet above ground level) out of service Dec 05, 2017 1959Z to Feb 23, 2018 2359Z

!ALN 12/003 St. Louis Regional, Alton/St Louis, IL (KALN) Obstruction tower light (Antenna Structure Registration 1041378) 38° 55' 40.00" North 090° 05' 10.00" West (2.9 Nautical miles northwest ALN) 798.6 Feet (308.4 Feet above ground level) out of service Dec 12, 2017 2346Z to Mar 13, 2018 2359Z

!ALN 12/002 St. Louis Regional, Alton/St Louis, IL (KALN) Obstruction tower light (Antenna Structure Registration 1041377) 38° 55' 40.00" North 090° 05' 10.00" West (2.9 Nautical miles northwest ALN) 798.6 Feet (308.4 Feet above ground level) out of service Dec 12, 2017 2345Z to Mar 13, 2018 2359Z

!ALN 12/004 St. Louis Regional, Alton/St Louis, IL (KALN) Obstruction tower light (Antenna Structure Registration 1041379) 38° 55' 44.00" North 090° 05' 08.00" West (3.0 Nautical miles northwest ALN) 798.6 Feet (308.4 Feet above ground level) out of service Dec 12, 2017 2346Z to Mar 13, 2018 2359Z

!ALN 12/005 St. Louis Regional, Alton/St Louis, IL (KALN) Obstruction tower light (Antenna Structure Registration 1041380) 38° 55' 47.00" North 090° 05' 07.00" West (3.0 Nautical miles northwest ALN) 798.6 Feet (308.4 Feet above ground level) out of service Dec 12, 2017 2346Z to Mar 13, 2018 2359Z

!3LF 12/002 Litchfield Municipal, Litchfield, IL (K3LF) Obstruction tower light (Aeronautical Study Number 2017-above ground level-10836-OE) 390421N0894511W (6.5 Nautical miles southwest 3LF) 886 feet (230FT above ground level) out of service Dec 08, 2017 1512Z to Dec 23, 2017 1512Z

!3LF 12/003 Litchfield Municipal, Litchfield, IL (K3LF) Obstruction tower light (Antenna Structure Registration 1009710) 39° 05' 03.00" North 089° 42' 33.00" West (5.0 Nautical miles south-south-west 3LF) 1003.0 Feet (328.1 Feet above ground level) out of service Dec 16, 2017 1733Z to Jan 14, 2018 2350Z Estimated

!3LF 06/009 Litchfield Municipal, Litchfield, IL (K3LF) Obstruction tower light (Antenna Structure Registration unknown) 39° 07' 00.00" North 089° 41' 22.00" West (3NM south-south-west 3LF) 677 feet (274FT above ground level) out of service Jun 27, 2017 1621Z to Jun 27, 2018 2359Z

!STL 12/180 Greenville, Greenville, IL (KGRE) Obstruction tower light (Antenna Structure Registration 1016529) 38° 54' 42.00" North 089° 26' 55.00" West (5.6 Nautical miles northwest GRE) 870.1 Feet (309.1 Feet above ground level) out of service Dec 14, 2017 1022Z to Dec 29, 2017 1021Z

!TAZ 12/001 Taylorville Municipal, Taylorville, IL (KTAZ) Obstruction tower light (Antenna Structure Registration 1016526) 39° 27' 33.50" North 089° 23' 27.10" West (5.2 Nautical miles south-south-west TAZ) 972.1 Feet (349.1 Feet above ground level) out of service Dec 13, 2017 1638Z to Dec 28, 2017 1637Z

!STL 12/179 Greenville, Greenville, IL (KGRE) Obstruction tower light (Antenna Structure Registration 1242829) 38° 44' 21.50" North 089° 19' 46.60" West (6.2 Nautical miles south-south-east GRE) 783.8 Feet (259.8 Feet above ground level) out of service Dec 14, 2017 0634Z to Dec 29, 2017 0534Z

!STL 12/042 Shelby County, Shelbyville, IL (K2H0) Obstruction tower light (Antenna Structure Registration 1247148) 39° 11' 08.40" North 088° 47' 49.50" West (13.7 Nautical miles S 2H0) 960.0 Feet (349.1 Feet above ground level) out of service Dec 04, 2017 0511Z to Jan 03, 2018 1300Z

!1H2 12/004 Effingham County Memorial, Effingham, IL (K1H2) Obstruction tower light (Aeronautical Study Number 2017-above ground level-10839-OE) 390507N0883637W (3.7 Nautical miles west-north-west 1H2) 831 feet (260FT above ground level) out of service Dec 12, 2017 1851Z to Dec 27, 2017 1851Z

!1H2 12/003 Effingham County Memorial, Effingham, IL (K1H2) Obstruction tower light (Aeronautical Study Number 2017-above ground level-10839-OE) 390507N0883637W (3.7 Nautical miles west-north-west 1H2) 831 feet (260FT above ground level) out of service Dec 12, 2017 1850Z to Dec 27, 2017 1850Z

!STL 12/073 Percival Springs, Watson, IL (K2T2) Obstruction tower light (Antenna Structure Registration 1066048) 39° 00' 13.00" North 088° 34' 20.00" West (1.7 Nautical miles west-south-west 2T2) 812.0 Feet (271.0 Feet above ground level) out of service Dec 05, 2017 1820Z to Dec 20, 2017 1820Z

!1H2 12/002 Effingham County Memorial, Effingham, IL (K1H2) Obstruction tower light (Antenna Structure Registration 1018588) 39° 06' 15.00" North 088° 33' 09.60" West (2.2 Nautical miles north-north-west 1H2) 925.9 Feet (341.9 Feet above ground level) out of service Dec 09, 2017 2311Z to Jan 08, 2018 2310Z

!MTO 12/002 Coles County Memorial, Mattoon/Charleston, IL (KMTO) Obstruction tower light (Antenna Structure Registration 1239238) 39° 18' 16.10" North 088° 26' 11.10" West (12.7 Nautical miles southwest MTO) 865.2 Feet (203.1 Feet above ground level) out of service Dec 16, 2017 1352Z to Dec 31, 2017 0149Z

!MTO 11/005 Coles County Memorial, Mattoon/Charleston, IL (KMTO) Obstruction tower light (Antenna Structure Registration 1018587) 39° 28' 45.60" North 088° 23' 22.60" West (5.1 Nautical mile W MTO) 962.9 Feet (241.8 Feet above ground level) out of service Nov 29, 2017 0552Z to Dec 29, 2017 2359Z

!MTO 10/005 Coles County Memorial, Mattoon/Charleston, IL (KMTO)

Obstruction tower light (Antenna Structure Registration 1207388) 39° 33' 56.00" North 088° 15' 56.00" West (5.3 Nautical miles NE MTO) 1071.2 Feet (371.1 Feet above ground level) out of service Oct 09, 2017 1627Z to Jan 12, 2018 2359Z

!OLY 09/001 Olney Noble, Olney-Noble, IL (KOLY) Obstruction tower light (Antenna Structure Registration 1008851) 38° 50' 19.00" North 088° 07' 47.00" West (7.4 Nautical miles north-north-east OLY) 1449.8 Feet (979.7 Feet above ground level) out of service Sep 20, 2017 1630Z to Mar 20, 2018 1630Z

!MTO 11/004 Coles County Memorial, Mattoon/Charleston, IL (KMTO) Obstruction tower light (Antenna Structure Registration 1017210) 39° 28' 32.00" North 088° 08' 22.00" West (6.5 Nautical miles E MTO) 1289.0 Feet (608.9 Feet above ground level) out of service Nov 25, 2017 1534Z to Dec 24, 2017 2350Z Estimated

!LWV 12/002 Lawrenceville-Vincennes International, Lawrenceville, IL (KLWV) Obstruction tower light (Antenna Structure Registration 1286581) 38° 48' 42.80" North 087° 41' 06.80" West (4.7 Nautical miles northwest LWV) 712.9 Feet (254.9 Feet above ground level) out of service Dec 08, 2017 1327Z to Dec 22, 2017 1300Z

!HUF 12/414 Sky King, Terre Haute, IN (K3I3) Obstruction tower light (Antenna Structure Registration 1009033) 39° 30' 46.00" North 087° 34' 13.00" West (9.2 Nautical miles west-south-west 3I3) 885.2 Feet (315.0 Feet above ground level) out of service Dec 13, 2017 2357Z to Jan 13, 2018 2359Z

!HUF 12/466 Ed-Air Airport, Oaktown, IN (KI20) Obstruction tower light (Antenna Structure Registration 1223213) 38° 56' 13.30" North 087° 24' 51.90" West (6.5 Nautical miles NE I20) 802.2 Feet (304.1 Feet above ground level) out of service Dec 15, 2017 0641Z to Dec 30, 2017 0541Z

!HUF 12/050 Sky King, Terre Haute, IN (K3I3) Obstruction stack (Aeronautical Study Number unknown) 393100N0872500W (2.6 Nautical miles southwest 3I3) 938 feet (450FT above ground level) not lighted Dec 04, 2017 1612Z to Mar 01, 2018 2359Z

!HUF 12/387 Sullivan County, Sullivan, IN (KSIV) Obstruction tower light (Antenna Structure Registration 1027196) 39° 14' 33.00" North 087° 23' 29.00" West (8.1 Nautical mile north-north-east SIV) 1548.9 Feet (999.0 Feet above ground level) out of service Dec 13, 2017 2034Z to Dec 20, 2017 2359Z

!HUF 11/340 Terre Haute Regional, Terre Haute, IN (KHUF) Obstruction tower light (Antenna Structure Registration 1288400) 39° 21' 19.70" North 087°

23' 24.50" West (7.0 Nautical miles southwest HUF) 829.7 Feet (259.8 Feet above ground level) out of service Nov 17, 2017 1513Z to Dec 17, 2017 1513Z

!HUF 11/496 Sky King, Terre Haute, IN (K3I3) Obstruction tower light (Antenna Structure Registration 1227531) 39° 34' 29.00" North 087° 24' 06.00" West (2.0 Nautical miles northwest 3I3) 944.9 Feet (498.7 Feet above ground level) out of service Nov 24, 2017 2255Z to Jan 23, 2018 2255Z

!HUF 11/302 Shawnee Field, Bloomfield, IN (K1I3) Obstruction tower light (Antenna Structure Registration 1298554) 38° 57' 23.60" North 086° 50' 34.70" West (9.0 Nautical miles southeast 1I3) 953.1 Feet (310.0 Feet above ground level) out of service Nov 15, 2017 1433Z to Jan 04, 2018 2359Z

!HUF 12/214 Pam'S Place, Eminence, IN (K78I) Obstruction tower light (Antenna Structure Registration 1063549) 39° 34' 45.20" North 086° 42' 31.60" West (4.8 Nautical miles N 78I) 1067.9 Feet (255.9 Feet above ground level) out of service Dec 09, 2017 2100Z to Jan 09, 2018 1300Z

!HUF 12/363 Pam'S Place, Eminence, IN (K78I) Obstruction tower light (Antenna Structure Registration 1034370) 39° 34' 21.00" North 086° 40' 12.00" West (4.4 Nautical miles north-north-east 78I) 1059.7 Feet (309.7 Feet above ground level) out of service Dec 13, 2017 0417Z to Dec 27, 2017 0417Z

!HUF 12/231 Pam'S Place, Eminence, IN (K78I) Obstruction tower light (Antenna Structure Registration 1246056) 39° 23' 55.40" North 086° 33' 02.50" West (8.8 Nautical miles southeast 78I) 853.7 Feet (269.7 Feet above ground level) out of service Dec 10, 2017 0632Z to Dec 25, 2017 1300Z

!HUF 12/035 Virgil I Grissom Municipal, Bedford, IN (KBFR) Obstruction tower light (Antenna Structure Registration 1204172) 38° 52' 08.90" North 086° 29' 35.90" West (2.8 Nautical miles northwest BFR) 908.8 Feet (212.9 Feet above ground level) out of service Dec 03, 2017 0705Z to Jan 18, 2018 1300Z

!HUF 12/113 Virgil I Grissom Municipal, Bedford, IN (KBFR) Obstruction tower light (Antenna Structure Registration 1030725) 38° 54' 29.00" North 086° 28' 28.00" West (4.3 Nautical miles north-north-west BFR) 1049.9 Feet (337.9 Feet above ground level) out of service Dec 07, 2017 1728Z to Dec 22, 2017 1727Z

!BMG 12/005 Monroe County, Bloomington, IN (KBMG) Obstruction tower light (Antenna Structure Registration 1043502) 39° 12' 04.00" North 086° 28' 19.00" West (7.5 Nautical miles east-north-east BMG) 1148.0 Feet (280.8 Feet above ground level) out of service Dec 09, 2017 0446Z to Jan 07, 2018 0446Z

!HUF 12/496 Lake Monroe, Bloomington, IN (K07I) Obstruction tower light (Antenna Structure Registration 1037762) 39° 10' 34.00" North 086° 27' 56.00" West (7.0 Nautical miles N 07I) 1044.9 Feet (219.8 Feet above ground level) out of service Dec 16, 2017 0610Z to Dec 31, 2017 1300Z

!HUF 12/301 Lake Monroe, Bloomington, IN (K07I) Obstruction tower light (Antenna Structure Registration 1267236) 39° 02' 30.60" North 086° 24' 27.60" West (2.1 Nautical mile east-south-east 07I) 1052.2 Feet (254.9 Feet above ground level) out of service Dec 11, 2017 2345Z to Jan 11, 2018 2345Z

!HUF 12/423 Pam'S Place, Eminence, IN (K78I) Obstruction tower light (Antenna Structure Registration 1056962) 39° 27' 21.20" North 086° 24' 50.80" West (13.0 Nautical miles east-south-east 78I) 1127.0 Feet (314.0 Feet above ground level) out of service Dec 14, 2017 1224Z to Dec 29, 2017 1223Z

!IND 12/003 Indianapolis International, Indianapolis, IN (KIND) Obstruction tower light (Antenna Structure Registration 1039852) 39° 31' 47.60" North 086° 20' 26.50" West (11.5 Nautical miles S IND) 966.9 Feet (296.9 Feet above ground level) out of service Dec 05, 2017 0511Z to Jan 04, 2018 1300Z

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

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

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

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

!HUF 12/492 North Vernon, North Vernon, IN (KOVO) Obstruction tower light (Antenna Structure Registration 1265926) 39° 03' 56.80" North 085° 41' 54.10" West (4.5 Nautical miles west-north-west OVO) 998.0 Feet (299.9 Feet

above ground level) out of service Dec 16, 2017 0437Z to Jan 15, 2018 1300Z

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

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

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

!HUF 12/140 North Vernon, North Vernon, IN (KOVO) Obstruction tower light (Antenna Structure Registration 1226478) 38° 59' 04.00" North 085° 39' 52.30" West (4.6 Nautical miles southwest OVO) 947.5 Feet (246.7 Feet above ground level) out of service Dec 09, 2017 0709Z to Dec 23, 2017 1300Z

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

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

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

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

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

!MCI 12/043 Kansas City International, Kansas City, MO (KMCI) Airspace parachute jumping exercise WI an area defined as 1 nautical mile radius of MCI220005 (06MO) surface-14,000 feet Dec 16, 2017 1700Z to Dec 16, 2017 2300Z

!COU 05/054 KZKC Airspace high speed aircraft WI an area defined as UIN357045 to UIN077071 to UIN079107 to UIN093100 to UIN112085 to UIN171053 to UIN217037 to UIN253057 to UIN280063 to Point of origin surface-10,000 feet avoidance advised daily sunrise-sunset May 05, 2017 1100Z to Dec 21, 2017 2245Z

!STL 12/181 St. Louis Lambert International, St. Louis, MO (KSTL) Airspace unmanned rocket launch WI an area defined as 2 nautical miles radius of STL322022 surface-14,500 feet above ground level Dec 16, 2017 1600Z to Dec 16, 2017 2230Z

!3LF 05/002 Litchfield Municipal, Litchfield, IL (K3LF) Airspace see Kansas City Center (ZKC) 05/054 high speed aircraft daily sunrise-sunset May 05, 2017 1100Z to Dec 21, 2017 2245Z

All Special Use Airspace NOTAMs

!SUAC 10/759 KZID Airspace R3404 active surface-4,100 feet Nov 01, 2017 2248Z to Dec 31, 2017 2359Z

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).

No current NOTAMs without keywords data for this briefing.

All FDC NOTAMs

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

!FDC 7/1480 KMKC ODP CHARLES B WHEELER DOWNTOWN, Kansas City, MO. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3B... TAKE-OFF MINIMUMS



RWY 19, STANDARD WITH MINIMUM CLIMB OF 465 FT PER NM TO 2500. ALL OTHER DATA REMAINS AS PUBLISHED. 24 OCT 12:53 2017 UNTIL 05 JUN 12:53 2018 ESTIMATED. CREATED: 24 OCT 12:53 2017

!FDC 7/1478 KMKC SID CHARLES B WHEELER DOWNTOWN, Kansas City, MO. CHIEF SIX DEPARTURE... LAKES ONE DEPARTURE... RACER SIX DEPARTURE... ROYAL EIGHT DEPARTURE... TIFTO FIVE DEPARTURE... WILDCAT FOUR DEPARTURE... TAKE-OFF MINIMUMS RWY 19, STANDARD WITH MINIMUM CLIMB OF 465 FT PER NM TO 2500. ALL OTHER DATA REMAINS AS PUBLISHED. 24 OCT 12:50 2017 UNTIL 05 JUN 12:50 2018 ESTIMATED. CREATED: 24 OCT 12:50 2017

!FDC 7/3177 KMCI IAP KANSAS CITY INTL, Kansas City, MO. ILS OR LOC RWY 27, AMDT 3A... CHART NOTE: ASTERISK, ASTERISK RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA. CHANGE S-ILS 27 TO S-ILS 27 ASTERISK, ASTERISK. THIS IS ILS OR LOC RWY 27, AMDT 3B. 19 JUL 12:13 2017 UNTIL PERM. CREATED: 19 JUL 12:13 2017

!FDC 7/5177 KFLV IAP U.S. DOD SHERMAN AAF, Fort Leavenworth, KS. RNAV (GPS) RWY 34, ORIG-A... DESCENT ANGLE 3.04 /TCH 50 NA. 02 OCT 12:54 2017 UNTIL 14 MAY 12:54 2018 ESTIMATED. CREATED: 02 OCT 12:55 2017

!FDC 7/9777 KLXT IAP LEE'S SUMMIT MUNI, Lee's Summit, MO. RNAV (GPS) RWY 18, AMDT 2A... RNAV (GPS) RWY 29, AMDT 2A... RNAV (GPS) RWY 36, AMDT 2A... VOR/DME-A, ORIG-A... CIRCLING NA TO RWY 11. 20 OCT 17:18 2017 UNTIL 01 JUN 17:18 2018 ESTIMATED. CREATED: 20 OCT 17:19 2017

!FDC 7/8161 KLXT IAP LEE'S SUMMIT MUNI, Lee's Summit, MO. RNAV (GPS) RWY 29, AMDT 2A... DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 29 PROCEDURE NA AT NIGHT. 23 AUG 14:10 2017 UNTIL 04 APR 14:10 2018 ESTIMATED. CREATED: 23 AUG 14:11 2017

!FDC 7/1886 KLXT IAP LEE'S SUMMIT MUNI, Lee's Summit, MO. RNAV (GPS) RWY 11, AMDT 1A... NOTE: STRAIGHT-IN NA TO REWY 11, CIRCLING NA TO RWY 11. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 11 PROCEDURE NA AT NIGHT. 15 AUG 17:47 2017 UNTIL 27 MAR 17:47 2018 ESTIMATED. CREATED: 15 AUG 17:48 2017

!FDC 7/8706 KMHL IAP MARSHALL MEMORIAL MUNI, Marshall, MO. NDB RWY 36, AMDT 4A... RNAV (GPS) RWY 36, AMDT 3A... DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 18 NA AT NIGHT. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 19 OCT 18:56 2017 UNTIL 31 MAY 18:56 2018 ESTIMATED. CREATED: 19 OCT 18:57 2017

!FDC 7/8647 KMHL IAP MARSHALL MEMORIAL MUNI, Marshall, MO. RNAV (GPS) RWY 18, AMDT 2A... DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 18

PROCEDURE NA AT NIGHT. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DESCENT ANGLE 3.37/TCH 39 NA. 19 OCT 18:13 2017 UNTIL 31 MAY 18:13 2018 ESTIMATED. CREATED: 19 OCT 18:13 2017

!FDC 7/2606 KVER IAP JESSE VIERTTEL MEMORIAL, Boonville, MO. RNAV (GPS) RWY 18, ORIG... RNAV (GPS) RWY 36, ORIG... VOR-A, AMDT 5... NOTE: PROCEDURE NA AT NIGHT. 29 AUG 13:38 2017 UNTIL 10 APR 13:37 2018 ESTIMATED. CREATED: 29 AUG 13:38 2017

!FDC 7/7185 KMBY IAP OMAR N BRADLEY, Moberly, MO. RNAV (GPS) RWY 31, ORIG-A... LNAV/VNAV DA 1208 / HAT 347 VISIBILITY 1 1/8 ALL CATS. LNVA MDA 1340 / HAT 479 ALL CATS, VISIBILITY CATS A/B 1, CAT C 1 3/8. VDP NA. ANTENNA 1017FT MSL 154FT AGL 4340FT SE OF APCH END RWY 31. 18 OCT 12:45 2017 UNTIL 30 MAY 12:45 2018 ESTIMATED. CREATED: 18 OCT 12:45 2017

!FDC 7/5342 KCOU IAP COLUMBIA RGNL, Columbia, MO. ILS OR LOC RWY 2, AMDT 16... CHANGE S-LOC 2 STEPDOWN FIX NEUKS TO 3.25 DME. 30 NOV 13:34 2017 UNTIL 12 JUL 13:34 2018 ESTIMATED. CREATED: 30 NOV 13:34 2017

!FDC 7/5339 KCOU IAP COLUMBIA RGNL, Columbia, MO. LOC BC RWY 20, AMDT 13... CHANGE TERMINAL ROUTE TO READ: HLV VORTAC (IAF) TO YESNU/I-COU 11.50 DME (NOPT). CHANGE TERMINAL ROUTE TO READ: COU VOR/DME TO BOVEN TO 020.40. CHANGE TERMINAL ROUTE TO READ: JAGGI/HLV 8.86 DME (IAF) TO YESNU/I-COU 11.50 (NOPT). 30 NOV 13:31 2017 UNTIL 12 JUL 13:31 2018 ESTIMATED. CREATED: 30 NOV 13:31 2017

!FDC 7/5336 KCOU IAP COLUMBIA RGNL, Columbia, MO. RNAV (GPS) RWY 2, AMDT 1... CHANGE TAA SEGMENT TO READ: FROM 111/30 CW 201/30 FROM RAGVE TO LIDPE (IAF) MINIMUM ALTITUDE 3100.. CHANGE TAA SEGMENT TO READ: FROM 201/30 CW 291/30 FROM LIDPE TO RAGVE (IAF) MINIMUM ALTITUDE 3100. 30 NOV 13:28 2017 UNTIL 12 JUL 13:28 2018 ESTIMATED. CREATED: 30 NOV 13:28 2017

!FDC 7/9555 KFTT IAP ELTON HENSLEY MEMORIAL, Fulton, MO. RNAV (GPS) RWY 6, AMDT 1A... NOTE: STRAIGHT-IN RWY 6 NA AT NIGHT, CIRCLING RWY 18, 24 NA AT NIGHT. NOTE: RWY 6 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD NOTE: NIGHT LANDING: RWY 6, 24 NA. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. 28 JUL 20:32 2017 UNTIL 09 MAR 20:32 2018 ESTIMATED. CREATED: 28 JUL 20:32 2017

!FDC 7/9550 KFTT IAP ELTON HENSLEY MEMORIAL, Fulton, MO. RNAV (GPS) RWY 18, ORIG-A... NOTE: STRAIGHT-IN RWY 18 NA AT NIGHT, CIRCLING RWY 6, 24 NA AT NIGHT. NOTE: RWY 24 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD NOTE: NIGHT LANDING: RWY 6, 24 NA. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. 28 JUL 20:32 2017 UNTIL 09 MAR 20:32 2018 ESTIMATED. CREATED: 28 JUL 20:32 2017

!FDC 7/9549 KFTT IAP ELTON HENSLEY MEMORIAL, Fulton, MO. RNAV (GPS) RWY 24, AMDT 1A... NOTE: STRAIGHT-IN RWY 24 NA AT NIGHT, CIRCLING RWY 6, 18 NA AT NIGHT NOTE: RWY 24 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED DISREGARD NOTE: NIGHT LANDING: RWY 6, 24 NA DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. 28 JUL 20:32 2017 UNTIL 09 MAR 20:32 2018 ESTIMATED. CREATED: 28 JUL 20:32 2017

!FDC 7/9548 KFTT IAP ELTON HENSLEY MEMORIAL, Fulton, MO. VOR-A, AMDT 4A... NOTE: CIRCLING RWY 6, 18, 24 NA AT NIGHT. DISREGARD NOTE: NIGHT LANDING: RWY 6, 24 NA. 28 JUL 20:32 2017 UNTIL 09 MAR 20:32 2018 ESTIMATED. CREATED: 28 JUL 20:32 2017

!FDC 7/9538 KFTT IAP ELTON HENSLEY MEMORIAL, Fulton, MO. RNAV (GPS) RWY 36, ORIG... LPV AND LNAV/VNAV DA NA. NOTE: CIRCLING RWY 6, 18, 24 NA AT NIGHT. NOTE: RWY 36 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DISREGARD NOTE: NIGHT LANDING RWY 6, 24 NA. 28 JUL 20:10 2017 UNTIL 09 MAR 20:09 2018 ESTIMATED. CREATED: 28 JUL 20:10 2017

!FDC 7/7451 KFTT ODP ELTON HENSLEY MEMORIAL, Fulton, MO. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1... TAKE-OFF MINIMUMS; RWY 12/30 NA. NOTE: RWY 6: VEHICLE ON ROAD BEGINNING 8 FT FROM DER, 470 FT LEFT OF CENTERLINE, UP TO 15 FT AGL/900 FT MSL. FENCE AND TREE BEGINNING 100 FT FROM DER, 515 FT RIGHT OF CENTERLINE, UP TO 7 FT AGL/887 FT MSL. POLES BEGINNING 344 FT FROM DER, 448 FT RIGHT OF CENTERLINE, UP TO 30 FT AGL/910 FT MSL. TREES, TOWERS AND POLES BEGINNING 946 FT FROM DER, 549 FT RIGHT OF CENTERLINE, UP TO 69 FT AGL/949 FT MSL. TREES, TOWERS AND POLES BEGINNING 1733 FT FROM DER, 222 FT LEFT OF CENTERLINE, UP TO 71 FT AGL/953 FT MSL.. NOTE: RWY 24: TREES BEGINNING 127 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 21 FT AGL/893 FT MSL. TREES BEGINNING 344 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 96 FT AGL/936 FT MSL.. ALL OTHER DATA REMAINS AS PUBLISHED. 22 AUG 17:49 2017 UNTIL 03 APR 17:49 2018 ESTIMATED. CREATED: 22 AUG 17:49 2017

!FDC 7/6153 KH19 IAP BOWLING GREEN MUNI, Bowling Green, MO. RNAV (GPS) RWY 13, ORIG... RNAV (GPS) RWY 31, ORIG... VOR/DME-A, AMDT 2... NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 15 DEC 15:17 2017 UNTIL 27 JUL 15:17 2018 ESTIMATED. CREATED: 15 DEC 15:18 2017

!FDC 7/5145 K1H0 ODP CREVE COEUR, St Louis, MO. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT ... DEPARTURE PROCEDURE. TAKE-OFF MINIMUMS RWY 34, 400-2 1/4 OR STANDARD WITH MINIMUM CLIMB OF 355 FT PER NM TO 900. ALL OTHER DATA REMAINS AS PUBLISHED. 30 OCT 22:42 2017 UNTIL 11 JUN 22:42 2018 ESTIMATED. CREATED: 30 OCT 22:42 2017

!FDC 7/5143 K1H0 IAP CREVE COEUR, St Louis, MO. RNAV (GPS) RWY 16, AMDT 1... LNAV/VNAV DA 1146/HAT 695, VIS 2 1/2 ALL CATS. TAA FROM 338/30 CW 068/30 TO GUDRY 3000. 30 OCT 22:30 2017 UNTIL 11 JUN 22:30 2018 ESTIMATED. CREATED: 30 OCT 22:31 2017

!FDC 7/5807 KSTL IAP ST LOUIS LAMBERT INTL, St Louis, MO. RNAV (GPS) Y RWY 11, ORIG-C... CHART NOTE: ASTERISK, ASTERISK RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA. CHANGE LPV DA TO LPV DA ASTERISK, ASTERISK. THIS IS RNAV (GPS) Y RWY 11, ORIG-D. 14 DEC 18:52 2017 UNTIL PERM. CREATED: 14 DEC 18:53 2017

!FDC 7/5624 KSTL IAP LAMBERT-ST LOUIS INTL, St Louis, MO. RNAV (GPS) Y RWY 11, ORIG-B... MSA RW11 25 NM 3000. 07 AUG 18:00 2017 UNTIL 19 MAR 18:00 2018 ESTIMATED. CREATED: 07 AUG 18:00 2017

!FDC 7/5622 KSTL IAP LAMBERT-ST LOUIS INTL, St Louis, MO. RNAV (GPS) Y RWY 29, ORIG-C... MSA RW29 25 NM 3000. 07 AUG 17:59 2017 UNTIL 19 MAR 17:59 2018 ESTIMATED. CREATED: 07 AUG 17:59 2017

!FDC 7/4569 KSTL IAP ST LOUIS LAMBERT INTL, St Louis, MO. RNAV (RNP) Z RWY 12R, ORIG-B ... RNP 0.30 DA 1062/HAT 520 ALL CATS. 3 CRANES, UP TO 773 MSL, 3894 FT NORTH OF APPROACH END RWY 12R, 2015-ACE-4554-OE, 2015-ACE-4556-OE, 2016-ACE-3501-OE. 17 AUG 15:58 2017 UNTIL 29 MAR 15:58 2018 ESTIMATED. CREATED: 17 AUG 15:58 2017

!FDC 7/4558 KSTL IAP ST LOUIS LAMBERT INTL, St Louis, MO. RNAV (RNP) Z RWY 12L, ORIG-B ... RNP 0.30 DA 1118/HAT 577 ALL CATS. VIS 1 1/2 ALL CATS. FOR INOPERATIVE ALSF-2, INCREASE RNP 0.30 ALL CATS VISIBILITY TO 2. 3 CRANES, UP TO 773 MSL, 1.09 NM NW OF APPROACH END RWY 12L, 2015-ACE-4554-OE, 2015-ACE-4556-OE, 2016-ACE-3501-OE. 17 AUG 15:53 2017 UNTIL 29 MAR 15:53 2018 ESTIMATED. CREATED: 17 AUG 15:54 2017

!FDC 7/4524 KSTL IAP ST LOUIS LAMBERT INTL, St Louis, MO. RNAV (GPS) Y RWY 12R, AMDT 1C ... LNAV MDA 1080/HAT 540 ALL CATS. VIS CATS C/D RVR 5500. VDP 1.53 NM TO RW12R. 3 CRANES, UP TO 773 MSL, 3894 FT NORTH OF APPROACH END RWY 12R, 2015-ACE-4554-OE, 2015-ACE-4556-OE, 2016-ACE-3501-OE. 17 AUG 15:42 2017 UNTIL 29 MAR 15:42 2018 ESTIMATED. CREATED: 17 AUG 15:43 2017

!FDC 7/4507 KSTL IAP ST LOUIS LAMBERT INTL, St Louis, MO. RNAV (GPS) Y RWY 12L, AMDT 2C ... LNAV/VNAV DA 1138/HAT 597 ALL CATS. VIS 1 5/8 ALL CATS. FOR INOPERATIVE ALSF-2, INCREASE ALL LPV CATS VISIBILITY TO 1 1/2, LNAV/VNAV ALL CATS VISIBILITY TO 2 AND LNAV CAT E VISIBILITY TO 1 3/4. 3 CRANES, UP TO 773 MSL, 1.09 NM NW OF APPROACH END RWY 12L, 2015-ACE-4554-OE, 2015-ACE-4556-OE, 2016-ACE-3501-OE. 17 AUG 15:37 2017 UNTIL 29 MAR 15:37 2018 ESTIMATED. CREATED: 17 AUG 15:37 2017

!FDC 7/4004 KSTL SID ST LOUIS LAMBERT INTL, St Louis, MO. BERYY FOUR DEPARTURE (RNAV)... BGOOD FOUR DEPARTURE (RNAV)... BLUES SIX DEPARTURE... BRAKK FOUR DEPARTURE (RNAV)... CARDS ONE DEPARTURE... CHUUC FOUR DEPARTURE (RNAV)... DRUSE FOUR DEPARTURE (RNAV)... EEMOS FOUR DEPARTURE (RNAV)... GATEWAY NINE DEPARTURE... JAHNY FOUR DEPARTURE (RNAV)... JHART FIVE DEPARTURE (RNAV)... KSHEE FOUR DEPARTURE (RNAV)... LINDBERGH SIX DEPARTURE... NATCA FOUR DEPARTURE (RNAV)... OZARK SEVEN DEPARTURE... PLESS FIVE DEPARTURE... ROTRY FOUR DEPARTURE (RNAV)... TEDDD FOUR DEPARTURE (RNAV)... TURBO NINE DEPARTURE... WHRLI FIVE DEPARTURE (RNAV)... ALL OTHER DATA REMAINS AS PUBLISHED. TAKE-OFF MINIMUMS RWY 30R, 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 377 FT PER NM TO 1000. NOTE: RWY 30R, 3 CRANES, STARTING 1.06 NM FROM DEPARTURE END OF RWY, 1219 FT RIGHT OF CENTERLINE, UP TO 165 FT AGL/773 FT MSL, 2015-ACE-4554-OE, 2015-ACE-4556-OE, 2016-ACE-3501-OE. ALL OTHER DATA REMAINS AS PUBLISHED. 13 OCT 11:38 2017 UNTIL 25 MAY 11:38 2018 ESTIMATED. CREATED: 13 OCT 11:38 2017

!FDC 7/3418 KSTL ODP ST LOUIS LAMBERT INTL, St Louis, MO. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3... TAKE-OFF MINIMUMS RWY 30R, 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 377 FT PER NM TO 1000. NOTE: RWY 30R, 3 CRANES, STARTING 1.06 NM FROM DEPARTURE END OF RWY, 1219 FT RIGHT OF CENTERLINE, UP TO 165 FT AGL/773 FT MSL, 2015-ACE-4554-OE, 2015-ACE-4556-OE, 2016-ACE-3501-OE. ALL OTHER DATA REMAINS AS PUBLISHED. 14 SEP 11:33 2017 UNTIL 26 APR 11:33 2018 ESTIMATED. CREATED: 14 SEP 11:33 2017

!FDC 7/2991 KSTL IAP LAMBERT-ST LOUIS INTL, St Louis, MO. ILS OR LOC RWY 6, AMDT 1F... CHANGE ZUMAY LOM INBOUND HOLDING COURSE FROM 240 DEGREES TO 241 DEGREES. 17 AUG 09:01 2017 UNTIL 01 MAR 21:28 2018 ESTIMATED. CREATED: 16 AUG 21:29 2017

!FDC 7/0669 KSTL IAP U.S. DOD LAMBERT-ST LOUIS INTL, St Louis, MO. TACAN RWY 30L, AMDT 1... PROCEDURE NA. 13 JUL 17:24 2017 UNTIL 22 FEB 17:24 2018 ESTIMATED. CREATED: 13 JUL 17:24 2017

!FDC 7/8806 KALN IAP ST LOUIS RGNL, Alton/St Louis, IL. ILS OR LOC RWY 29, AMDT 12A... RNAV (GPS) RWY 11, AMDT 2A... RNAV (GPS) RWY 29, AMDT 1A... CIRCLING CAT A MDA 1000/HAA 455. 21 SEP 12:28 2017 UNTIL 03 MAY 12:28 2018 ESTIMATED. CREATED: 21 SEP 12:28 2017

!FDC 7/8201 KALN IAP ST LOUIS RGNL, Alton/St Louis, IL. RNAV (GPS) RWY 35, AMDT 1A... DESCENT ANGLE 3.00 / TCH 43 NA. 07 SEP 15:38 2017 UNTIL 19 APR 15:38 2018 ESTIMATED. CREATED: 07 SEP 15:38 2017

!FDC 7/1819 KALN IAP ST LOUIS RGNL, Alton/St Louis, IL. RNAV (GPS) RWY 17, AMDT 1A... LNAV MDA 940/HAT 397 ALL CATS. CIRCLING CAT A MDA 1000/HAA 455. 26 SEP 13:32 2017 UNTIL 08 MAY 13:32 2018 ESTIMATED. CREATED: 26 SEP 13:33

2017

!FDC 7/6616 K3LF IAP LITCHFIELD MUNI, Litchfield, IL. RNAV (GPS) RWY 18, ORIG-A... LNAV MDA 1120/HAT 435 ALL CATS. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 34:1 IS NOT CLEAR. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAYLORVILLE ALTIMETER SETTING: INCREASE ALL DA 73 FT AND ALL VISIBILITIES 1/4 MILE; INCREASE ALL MDA 80 FT AND LNAV CAT C VISIBILITY 1/8 MILE. NOTE: NIGHT LANDING: RWY 27 NA. 19 SEP 15:10 2017 UNTIL 01 MAY 15:10 2018 ESTIMATED. CREATED: 19 SEP 15:10 2017

!FDC 7/2788 K3LF IAP LITCHFIELD MUNI, Litchfield, IL. RNAV (GPS) RWY 36, ORIG-A... LNAV CAT C VIS 1 5/8. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAYLORVILLE ALTIMETER SETTING: INCREASE ALL DA 73 FT AND ALL VISIBILITIES 1/8 MILE; INCREASE ALL MDA 80 FT AND CAT C VISIBILITY 1/4 MILE. NOTE: NIGHT LANDING: RWY 27 NA. 27 SEP 18:43 2017 UNTIL 09 MAY 18:43 2018 ESTIMATED. CREATED: 27 SEP 18:44 2017

!FDC 7/2785 K3LF ODP LITCHFIELD MUNI, Litchfield, IL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3... NOTE: RWY 18, TREE 494 FT FROM DER, 610 FT LEFT OF CENTERLINE, 746 MSL. NOTE: RWY 27, REIL 10 FT FROM DER, 115 FT LEFT OF CENTERLINE, UP TO 2 FT AGL/683 FT MSL. RD BEGINNING 13 FT FROM DER, 483 FT RIGHT OF CENTERLINE, UP TO 15 FT AGL/693 FT MSL. RD BEGINNING 46 FT FROM DER, 48 FT LEFT OF CENTERLINE, UP TO 15 FT AGL/693 FT MSL. RD BEGINNING 303 FT FROM DER, 128 FT RIGHT OF CENTERLINE, UP TO 15 FT AGL/694 FT MSL. RD BEGINNING 344 FT FROM DER, 77 FT RIGHT OF CENTERLINE, UP TO 17 FT AGL/698 FT MSL. TREES BEGINNING 689 FT FROM DER, 441 FT RIGHT OF CENTERLINE, UP TO 717 FT MSL. TREE 777 FT FROM DER, 445 FT LEFT OF CENTERLINE, 702 FT MSL. POLE, T-L TWR AND TREES BEGINNING 900 FT FROM DER, 436 FT RIGHT OF CENTERLINE, UP TO 718 FT MSL. NOTE: RWY 36, TWR, TV POLE AND TREES BEGINNING 2186 FT FROM DER, 75 FT LEFT OF CENTERLINE, UP TO 56 FT AGL/748 FT MSL. TREES AND SIGNS BEGINNING 2272 FT FROM DER, 116 FT RIGHT OF CENTERLINE, UP TO 752 FT MSL. T-L TWR AND POLE BEGINNING 2681 FT FROM DER, 71 FT RIGHT OF CENTERLINE, UP TO 61 FT AGL/753 FT MSL. TANK 2735 FT FROM DER, 1122 FT LEFT OF CENTERLINE, UP TO 71 FT AGL/763 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 27 SEP 18:39 2017 UNTIL 09 MAY 18:39 2018 ESTIMATED. CREATED: 27 SEP 18:40 2017

!FDC 7/1023 K3LF IAP LITCHFIELD MUNI, Litchfield, IL. RNAV (GPS) RWY 27, ORIG... LNAV MDA 1120/HAT 430 ALL CATS. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 34:1 IS NOT CLEAR. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAYLORVILLE ALTIMETER SETTING AND INCREASE ALL MDA 80 FT AND LNAV CAT C VISIBILITY 1/8 MILE. ALTERNATE MINIMUMS STANDARD EXCEPT NA WHEN LOCAL WEATHER NOT AVAILABLE. NOTE: NIGHT LANDING: RWY 27 NA. 14 AUG 19:23 2017

UNTIL 26 MAR 19:23 2018 ESTIMATED. CREATED: 14 AUG 19:23 2017

!FDC 7/1008 K3LF IAP LITCHFIELD MUNI, Litchfield, IL. RNAV (GPS) RWY 9, ORIG... LNAV CAT C VIS 1 3/8. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 34:1 IS NOT CLEAR. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAYLORVILLE ALTIMETER SETTING AND INCREASE ALL MDA 80 FT AND LNAV CAT C VISIBILITY 1/8 MILE. ALTERNATE MINIMUMS STANDARD EXCEPT NA WHEN LOCAL WEATHER NOT AVAILABLE. NOTE: NIGHT LANDING: RWY 27 NA. 14 AUG 19:22 2017 UNTIL 26 MAR 19:22 2018 ESTIMATED. CREATED: 14 AUG 19:22 2017

!FDC 7/3078 K2H0 IAP SHELBY COUNTY, Shelbyville, IL. RNAV (GPS) RWY 36, ORIG-A... CHART NOTE: RWY 36 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHART NOTE: STRAIGHT-IN RWY 36 NA AT NIGHT, CIRCLING RWY 36 NA AT NIGHT. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. THIS IS RNAV (GPS) RWY 36, ORIG-B. 28 NOV 13:43 2017 UNTIL PERM. CREATED: 28 NOV 13:43 2017

!FDC 7/3075 K2H0 IAP SHELBY COUNTY, Shelbyville, IL. NDB-A, AMDT 2A... CHART NOTE: CIRCLING RWY 36 NA AT NIGHT. THIS IS NDB-A, AMDT 2B. 28 NOV 13:43 2017 UNTIL PERM. CREATED: 28 NOV 13:43 2017

!FDC 7/7519 K1H2 IAP EFFINGHAM COUNTY MEMORIAL, Effingham, IL. RNAV (GPS) RWY 1, ORIG-C... RNAV (GPS) RWY 11, ORIG... RNAV (GPS) RWY 29, ORIG-B... VOR RWY 1, AMDT 10C... CIRCLING CAT B MDA 1160/HAA 575. CRANE 848 MSL, 1.99 NM NW OF K1H2, (2016-AGL-13994-OE). 22 AUG 18:46 2017 UNTIL 03 APR 18:46 2018 ESTIMATED. CREATED: 22 AUG 18:46 2017

!FDC 7/8801 KMTO IAP COLES COUNTY MEMORIAL, Mattoon/Charleston, IL. VOR RWY 24, AMDT 11A... CHART NOTE: CIRCLING NA TO RWYS 18 AND 36. CHART CIRCLING ICON. CIRCLING CAT D MDA 1380/HAA 658. BEGOW FIX MINIMUMS: CIRCLING CAT C MDA 1240/HAA 518, CAT D MDA 1380/HAA 658. THIS IS VOR RWY 24, AMDT 11B. 21 SEP 12:00 2017 UNTIL PERM. CREATED: 21 SEP 12:01 2017

!FDC 7/3404 KMTO IAP COLES COUNTY MEMORIAL, Mattoon/Charleston, IL. RNAV (GPS) RWY 29, AMDT 1... CHART NOTE: CIRCLING NA TO RWYS 18 AND 36. THIS IS RNAV (GPS) RWY 29, AMDT 1A. 16 JUN 16:01 2017 UNTIL PERM. CREATED: 16 JUN 16:02 2017

!FDC 7/3403 KMTO IAP COLES COUNTY MEMORIAL, Mattoon/Charleston, IL. RNAV (GPS) RWY 11, ORIG... CHART NOTE: CIRCLING NA TO RWYS 18 AND 36. LNAV/VNAV ALL CATS VIS 1 5/8. THIS IS RNAV (GPS) RWY 11, ORIG-A. 16 JUN 15:58 2017 UNTIL PERM. CREATED: 16 JUN 15:58 2017

!FDC 7/3402 KMTO IAP COLES COUNTY MEMORIAL, Mattoon/Charleston, IL. RNAV (GPS) RWY 6, ORIG... CHART NOTE: CIRCLING NA TO RWYS 18 AND 36. DELETE

NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. CHART NOTE: RWY 6 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 6, ORIG-A. 16 JUN 15:53 2017 UNTIL PERM. CREATED: 16 JUN 15:53 2017

!FDC 7/3401 KMTO IAP COLES COUNTY MEMORIAL, Mattoon/Charleston, IL. RNAV (GPS) RWY 24, AMDT 1... CHART NOTE: CIRCLING NA TO RWYS 18 AND 36. THIS IS RNAV (GPS) RWY 24, AMDT 1A. 16 JUN 15:47 2017 UNTIL PERM. CREATED: 16 JUN 15:48 2017

!FDC 7/3399 KMTO IAP COLES COUNTY MEMORIAL, Mattoon/Charleston, IL. VOR RWY 6, AMDT 13A... CHART CIRCLING ICON. CHART FAS OBST: 858 TREE 392555N/0881817W. CHART NOTE: RWY 6 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. S-6 MDA 1240/HAT 518 ALL CATS, VIS CAT C 1 3/8, CIRCLING CATS A/B/C MDA 1240/HAA 518, CAT D MDA 1380/HAA 658. BAYIX FIX MINIMUMS (DME REQUIRED) S-6 CAT C VIS 1 1/8, CIRCLING CAT A MDA/1160/HAA 438, CAT B MDA 1180/HAA 458, CAT C MDA 1240/HAA 518, CAT D MDA 1380/HAA 658. CHART PROFILE NOTE: \*1340 WHEN USING CHAMPAIGN/URBANA ALTIMETER SETTING. DELETE PROFILE NOTE: \*1320 WHEN USING CHAMPAIGN/URBANA ALTIMETER SETTING. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHAMPAIGN/URBANA ALTIMETER SETTING AND INCREASE ALL MDAS 100 FEET AND VISIBILITY CAT C AND D 1/2 SM. CHART NOTE: CIRCLING NA TO RWYS 18 AND 36. DELETE NOTE: WHEN LOCAL NOT RECEIVED, USE CHAMPAIGN/URBANA ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET. INCREASE S-6 CAT C THIS IS VOR RWY 6, AMDT 13B. AND D VISIBILITY 1/4 MILE AND BAYIZ FIX MINIMUMS S-6 CATS C AND D VISIBILITY 1/4 MILE. THIS IS VOR RWY 6, AMDT 13B. 16 JUN 15:34 2017 UNTIL PERM. CREATED: 16 JUN 15:34 2017

!FDC 7/1197 KMTO IAP COLES COUNTY MEMORIAL, Mattoon/Charleston, IL. ILS OR LOC RWY 29, AMDT 6C... DELETE: MSA MT 25 NM 2500. CHART MSA FROM MTO VOR/DME 25 NM 360-360 2500. DELETE: ALTERNATE MISSED APPROACH. DELETE NOTE: ADF OR DME REQUIRED. DELETE: TERMINAL ROUTE FROM MOBBY INT TO ZEBRE (MT) LOM/MTO VOR/DME 5.65 DME. CHANGE ALL REFERENCE TO ZEBRE (MT) LOM/MTO VOR/DME 5.65 DME TO ZEBRE OM/MTO VOR/DME 5.65 DME. DELETE: TERMINAL ROUTE FROM ARCOL INT TO ZEBRE (MT) LOM/MTO VOR/DME 5.65 DME. DELETE: TERMINAL ROUTE FROM MTO VOR/DME TO ZEBRE (MT) LOM/MTO VOR/DME 5.65 DME. DELETE: TERMINAL ROUTE FROM AXC VORTAC TO MTO VOR/DME. CHART NOTE: CIRCLING NA TO RWYS 18 AND 36. DELETE: PROCEDURE TURN/PROFILE VIEW STARTS AT DELCO. MINIMUM ALTITUDE AT DELCO 2400. THIS IS ILS OR LOC RWY 29, AMDT 6D. 07 DEC 18:47 2017 UNTIL PERM. CREATED: 07 DEC 18:47 2017

!FDC 7/9734 KHUF IAP TERRE HAUTE INTL-HULMAN FIELD, Terre Haute, IN. RNAV (GPS) RWY 32, ORIG-B... LNAV MDA 960/HAT 371, VISIBILITY 1 ALL CATS. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PARIS ALTIMETER SETTING AND INCREASE ALL MDA 80 FT AND LNAV CAT C/D VISIBILITY TO 1 3/8. 20 OCT 15:04 2017 UNTIL 01 JUN 15:04 2018 ESTIMATED.



CREATED: 20 OCT 15:04 2017

!FDC 7/1493 KHUF IAP TERRE HAUTE INTL-HULMAN FIELD, Terre Haute, IN. RADAR 1, AMDT 5... S-32 MDA 960/HAT 371 ALL CATS. 24 OCT 13:14 2017 UNTIL 05 JUN 13:14 2018 ESTIMATED. CREATED: 24 OCT 13:14 2017

!FDC 7/0643 KHUF IAP TERRE HAUTE INTL-HULMAN FIELD, Terre Haute, IN. VOR/DME RWY 5, AMDT 17E ... CHANGE ALL REFERENCE TO TERRE HAUTE INTL-HULMAN FIELD TO READ TERRE HAUTE RGNL. DELETE NOTE: WHEN VGSI INOP, CIRCLING RWY 18 NA AT NIGHT. CHART NOTE: CIRCLING RWY 14 NA AT NIGHT. DELETE NOTE: CIRCLING RWYS 14 AND 36 NA AT NIGHT. CHART NOTE: DME REQUIRED. CHART PROFILE NOTE: DME REQUIRED. THIS IS VOR RWY 5, AMDT 17F. 07 DEC 13:39 2017 UNTIL PERM. CREATED: 07 DEC 13:39 2017

!FDC 7/0642 KHUF ODP TERRE HAUTE INTL-HULMAN FIELD, Terre Haute, IN. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG... CHANGE ALL REFERENCE TO TERRE HAUTE INTL-HULMAN FIELD TO READ TERRE HAUTE RGNL. DELETE ALL REFERENCE TO RWY 18 AND 36. THIS IS TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, ORIG-A. 07 DEC 13:39 2017 UNTIL PERM. CREATED: 07 DEC 13:39 2017

!FDC 7/0641 KHUF IAP TERRE HAUTE INTL-HULMAN FIELD, Terre Haute, IN. RADAR 1, AMDT 5... CHANGE ALL REFERENCE TO TERRE HAUTE INTL-HULMAN FIELD TO READ TERRE HAUTE RGNL. DELETE NOTE: CIRCLING TO RWY 18 NA AT NIGHT. THIS IS RADAR 1, AMDT 5A. 07 DEC 13:39 2017 UNTIL PERM. CREATED: 07 DEC 13:39 2017

!FDC 7/0640 KHUF IAP TERRE HAUTE INTL-HULMAN FIELD, Terre Haute, IN. VOR RWY 23, AMDT 20C... CHANGE ALL REFERENCE TO TERRE HAUTE INTL-HULMAN FIELD TO READ TERRE HAUTE RGNL. DELETE NOTE: WHEN VGSI INOPERATIVE, CIRCLING RWY 18 NA AT NIGHT. CHART NOTE: CIRCLING RWY 14 NA AT NIGHT. DELETE NOTE: CIRCLING RWYS 14 AND 36 NA AT NIGHT. THIS IS VOR RWY 23, AMDT 20D. 07 DEC 13:39 2017 UNTIL PERM. CREATED: 07 DEC 13:39 2017

!FDC 7/0639 KHUF IAP TERRE HAUTE INTL-HULMAN FIELD, Terre Haute, IN. LOC BC RWY 23, AMDT 19B... CHANGE ALL REFERENCE TO TERRE HAUTE INTL-HULMAN FIELD TO READ TERRE HAUTE RGNL. CHART NOTE: CIRCLING RWY 14 NA AT NIGHT. DELETE NOTE: WHEN VGSI INOPERATIVE, CIRCLING RWY 18 NA AT NIGHT. DELETE NOTE: CIRCLING RWYS 14 AND 36 NA AT NIGHT. THIS IS LOC BC RWY 23, AMDT 19C. 07 DEC 13:39 2017 UNTIL PERM. CREATED: 07 DEC 13:39 2017

!FDC 7/0638 KHUF IAP TERRE HAUTE INTL-HULMAN FIELD, Terre Haute, IN. RNAV (GPS) RWY 32, ORIG-B... CHANGE ALL REFERENCE TO TERRE HAUTE INTL-HULMAN FIELD TO READ TERRE HAUTE RGNL. DELETE NOTE: CIRCLING RWY 18 NA AT NIGHT. CHART NOTE: CIRCLING RWY 14 NA AT NIGHT. DELETE NOTE: CIRCLING RWYS 14 AND 36 NA AT NIGHT. THIS IS RNAV (GPS) RWY 32, ORIG-C. 07 DEC 13:39 2017 UNTIL PERM. CREATED: 07 DEC 13:39 2017

!FDC 7/0637 KHUF IAP TERRE HAUTE INTL-HULMAN FIELD, Terre Haute, IN. RNAV (GPS) RWY 23, AMDT 1B... CHANGE ALL REFERENCE TO TERRE HAUTE INTL-HULMAN FIELD TO READ TERRE HAUTE RGNL. DELETE NOTE: CIRCLING RWY 36 NA AT NIGHT. DELETE NOTE: WHEN VGSI INOP, CIRCLING RWY 18 NA AT NIGHT. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: RWY 23 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 23, AMDT 1C. 07 DEC 13:39 2017 UNTIL PERM. CREATED: 07 DEC 13:39 2017

!FDC 7/0636 KHUF IAP TERRE HAUTE INTL-HULMAN FIELD, Terre Haute, IN. RNAV (GPS) RWY 14, ORIG-B... CHANGE ALL REFERENCE TO TERRE HAUTE INTL-HULMAN FIELD TO READ TERRE HAUTE RGNL. DELETE NOTE: CIRCLING RWY 36 NA AT NIGHT. DELETE NOTE: WHEN VGSI INOPERATIVE, CIRCLING RWY 18 NA AT NIGHT. CHART NOTE: RWY 14 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. THIS IS RNAV (GPS) RWY 14, ORIG-C. 07 DEC 13:39 2017 UNTIL PERM. CREATED: 07 DEC 13:39 2017

!FDC 7/0632 KHUF IAP TERRE HAUTE INTL-HULMAN FIELD, Terre Haute, IN. RNAV (GPS) RWY 5, ORIG-C... CHANGE ALL REFERENCE TO TERRE HAUTE INTL-HULMAN FIELD TO READ TERRE HAUTE RGNL. DELETE NOTE: CIRCLING RWY 36 NA AT NIGHT. DELETE NOTE: WHEN VGSI INOP, CIRCLING RWY 18 NA AT NIGHT. THIS IS RNAV (GPS) RWY 5, ORIG-D. 07 DEC 13:39 2017 UNTIL PERM. CREATED: 07 DEC 13:39 2017

!FDC 7/0631 KHUF IAP TERRE HAUTE INTL-HULMAN FIELD, Terre Haute, IN. ILS OR LOC RWY 5, AMDT 23A... CHANGE ALL REFERENCE TO TERRE HAUTE INTL-HULMAN FIELD TO READ TERRE HAUTE RGNL. THIS IS ILS OR LOC RWY 5, AMDT 23B. 07 DEC 13:39 2017 UNTIL PERM. CREATED: 07 DEC 13:39 2017

!FDC 7/6251 KBMG IAP MONROE COUNTY, Bloomington, IN. RNAV (GPS) RWY 6, ORIG-B... DESCENT ANGLE 3.06/TCH 35 NA. 21 AUG 14:52 2017 UNTIL 02 APR 14:52 2018 ESTIMATED. CREATED: 21 AUG 14:53 2017

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

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

!FDC 7/4167 KBAK IAP COLUMBUS MUNI, Columbus, IN. ILS RWY 23, AMDT 7A... S-ILS 23 DA 906/HAT 250 ALL CATS. CIRCLING CATS A/B/C MDA 1160/HAA 504. INDIANAPOLIS INTL ALTIMETER SETTING MINIMUMS: S-ILS 23 DA 1006/HAT 350 ALL CATS, VISIBILITY 5/8 ALL CATS. CIRCLING CATS A/B MDA 1240/HAA 584. CHART

NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 23 CAT C/D VISIBILITY TO 1-1/8 SM. CHART NOTE: FOR INOPERATIVE ALS, WHEN USING INDIANAPOLIS INTL ALTIMETER SETTING, INCREASE S-ILS 23 VISIBILITY TO 1 SM ALL CATS, INCREASE S-LOC 23 CAT C/D TO 1-3/8 SM. THIS IS ILS RWY 23, AMDT 7B. 14 SEP 19:28 2017 UNTIL PERM. CREATED: 14 SEP 19:28 2017

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

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

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

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

All General FDC NOTAMs

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

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

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

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

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

!FDC 7/7844 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH1, PANEL C, EFFECTIVE 07 DEC 2017... J507 SHOWS THE CHANGEOVER POINT AT THE WRONG LOCATION BETWEEN NORTHWAY VORTAC (ORT) AND YAKUTAT VOR/DME (YAK). THE CHANGEOVER POINT IS 135 NAUTICAL MILES FROM NORTHWAY VORTAC (ORT). 04 DEC 19:10 2017 UNTIL PERM. CREATED: 04 DEC 19:11 2017

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

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

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

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

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

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

!FDC 7/5049 FDC CHART CORRECT U.S. GOVERNMENT OMAHA VFR SECTIONAL AERONAUTICAL CHART, 96TH EDITION, EFFECTIVE 20 JUL 2017... CORRECT CHART BY CHANGING RUNWAY LENGTH FROM 3800 FEET TO 4000 FEET AT CHEROKEE CO RGNL (CKP), CHEROKEE, IA LOCATED AT 42 43 53N, 95 33 22W. 21 JUL 13:53 2017 UNTIL PERM. CREATED: 21 JUL 13:54 2017

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

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

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

!FDC 7/3750 FDC CHART CORRECT U.S. GOVERNMENT OMAHA VFR SECTIONAL AERONAUTICAL CHART, 96TH EDITION, EFFECTIVE 20 JUL 2017... CORRECT CHART BY ADDING IDENTIFIER (OK7); RUNWAY LENGTH 3400 FEET AT HUMBOLDT AIRPORT (OK7); HUMBOLDT, IA LOCATED AT 42 44 05N, 94 14 43W. 19 JUL 20:18 2017 UNTIL PERM. CREATED: 19 JUL 20:18 2017

!FDC 7/3603 FDC CHART CORRECT U.S. GOVERNMENT IFR AREA CHART A2 LOS ANGELES, EFFECTIVE 12 OCT 2017... ON V186 R278 FROM VOR/DME VAN NUYS (VNY)

TO VORTAC FILLMORE (FIM); ON V186 ADD MEA BREAK FIX TIFNI, CA MEA 5500 FROM VOR/DME VAN NUYS (VNY) TO TIFNI AND MEA 4000 FROM TIFNI TO VORTAC PARADISE (PDZ). 12 OCT 19:13 2017 UNTIL PERM. CREATED: 12 OCT 19:14 2017

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

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

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

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

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

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

!FDC 6/4260 KZZZ SECURITY...SPECIAL SECURITY INSTRUCTIONS FOR FOREIGN STATE AIRCRAFT OPERATIONS TO OR FROM, WITHIN, OR TRANSITING UNITED STATES (U.S.) TERRITORIAL AIRSPACE. THE FOLLOWING SPECIAL SECURITY REQUIREMENTS FOR FOREIGN STATE AIRCRAFT OPERATIONS TO, FROM, WITHIN, OR TRANSITING U.S. TERRITORIAL AIRSPACE ARE IN EFFECT PURSUANT TO 14 CODE OF FEDERAL REGULATIONS (CFR) 99.7, SPECIAL SECURITY INSTRUCTIONS, AND 49 USC 40103 AND 41703, IN ADDITION TO THE REQUIREMENTS PRESCRIBED IN 14 CFR PART 99 (SECURITY CONTROL OF AIR TRAFFIC). THE REQUIREMENTS IN THIS NOTAM SUPERSEDE

THE REQUIREMENTS FOR FOREIGN STATE AIRCRAFT OPERATIONS TO, FROM, WITHIN, OR TRANSITING U.S. TERRITORIAL AIRSPACE FORMERLY PUBLISHED IN FDC NOTAM 5/5806 (A0054/15). IN ADDITION TO THE REQUIREMENTS OF THIS NOTAM, FOREIGN STATE AIRCRAFT OPERATIONS MUST COMPLY WITH ALL OTHER APPLICABLE REGULATIONS PUBLISHED IN TITLE 14 CFR. PART I. STATE AIRCRAFT OPERATIONS TO OR FROM, WITHIN, OR TRANSITING U.S. TERRITORIAL AIRSPACE A. FOREIGN STATE AIRCRAFT MAY OPERATE TO OR FROM, WITHIN, OR IN TRANSIT OF THE TERRITORIAL AIRSPACE OF THE U.S. ONLY WHEN AUTHORIZED BY THE SECRETARY OF STATE BY MEANS OF A DIPLOMATIC CLEARANCE, EXCEPT AS DESCRIBED IN PARAGRAPH B OF PART I OF THIS NOTAM. DIPLOMATIC CLEARANCES MAY BE REQUESTED BY CONTACTING THE U.S. DEPARTMENT OF STATE POINT OF CONTACT LISTED IN PART II OF THIS NOTAM. 1) A FEDERAL AVIATION ADMINISTRATION (FAA) ROUTING AUTHORIZATION FOR STATE AIRCRAFT OPERATIONS OF SPECIAL INTEREST COUNTRIES LISTED IN PART IV, PARAGRAPH E, OF THIS NOTAM IS REQUIRED BEFORE THE U.S. STATE DEPARTMENT WILL ISSUE A DIPLOMATIC CLEARANCE FOR SUCH OPERATIONS. FOREIGN GOVERNMENTS OF SPECIAL INTEREST COUNTRIES MUST REQUEST FAA ROUTING AUTHORIZATIONS BY CONTACTING THE FAA POINT OF CONTACT LISTED IN PART II OF THIS NOTAM. 2) FOREIGN STATE AIRCRAFT OPERATIONS MUST NAVIGATE U.S. TERRITORIAL AIRSPACE ON AN ACTIVE IFR FLIGHT PLAN, UNLESS SPECIFICALLY APPROVED FOR VFR FLIGHT OPERATIONS BY THE U.S. DEPARTMENT OF STATE IN THE DIPLOMATIC CLEARANCE. 3) A FOREIGN AIRCRAFT THAT OPERATES TO OR FROM, WITHIN, OR IN TRANSIT OF U.S. TERRITORIAL AIRSPACE WHILE CONDUCTING A STATE AIRCRAFT OPERATION IS NOT AUTHORIZED TO CHANGE ITS STATUS AS A STATE AIRCRAFT DURING ANY PORTION OF THE APPROVED, DIPLOMATICALLY CLEARED ITINERARY. 4) A FOREIGN AIRCRAFT DESCRIBED IN SUBPARAGRAPH A.3 MAY OPERATE FROM OR WITHIN U.S. TERRITORIAL AIRSPACE AS A CIVIL AIRCRAFT OPERATION, ONCE IT HAS COMPLETED ITS APPROVED, DIPLOMATICALLY CLEARED ITINERARY, IF THE OPERATOR IS: A FOREIGN AIR CARRIER THAT HOLDS VALID FAA PART 129 OPERATIONS SPECIFICATIONS; AND IS IN COMPLIANCE WITH ALL OTHER REQUIREMENTS APPLIED TO FOREIGN CIVIL AIRCRAFT OPERATIONS FROM OR WITHIN U.S. TERRITORIAL AIRSPACE. 5) FOREIGN STATE AIRCRAFT OPERATIONS ARE NOT AUTHORIZED TO OR FROM RONALD REAGAN WASHINGTON NATIONAL AIRPORT (KDCA). B. STATE AIRCRAFT OPERATIONS ON BEHALF OF THE GOVERNMENTS OF CANADA AND MEXICO CONDUCTED FOR THE PURPOSES OF AIR AMBULANCE, FIRE FIGHTING, LAW ENFORCEMENT, SEARCH AND RESCUE, OR EMERGENCY EVACUATION ARE AUTHORIZED TO TRANSIT U.S. TERRITORIAL AIRSPACE WITHIN 50 NM OF THEIR RESPECTIVE BORDERS WITH THE UNITED STATES, WITH OR WITHOUT AN ACTIVE FLIGHT PLAN, PROVIDED THEY HAVE RECEIVED AND CONTINUOUSLY TRANSMIT AN ATC ASSIGNED TRANSPONDER CODE. STATE AIRCRAFT OPERATIONS ON BEHALF OF THE GOVERNMENTS OF CANADA AND MEXICO CONDUCTED UNDER THIS PARAGRAPH B OF PART I ARE NOT REQUIRED TO OBTAIN A DIPLOMATIC CLEARANCE FROM THE U.S. DEPARTMENT OF STATE. PART II. U.S. STATE DEPARTMENT DIPLOMATIC CLEARANCE AND FAA ROUTING AUTHORIZATION INFORMATION A. INFORMATION ABOUT U.S. STATE DEPARTMENT DIPLOMATIC CLEARANCES FOR FOREIGN STATE AIRCRAFT FLIGHTS OPERATING TO OR FROM, WITHIN, OR TRANSITING U.S. TERRITORIAL AIRSPACE IS AVAILABLE AT: [HTTP://WWW.STATE.GOV/T/PM/ISO/C56895.HTM](http://www.state.gov/t/pm/iso/c56895.htm) (LOWER CASE ONLY) OR BY CONTACTING THE U.S. STATE DEPARTMENT AT 2027367158, OR AFTER HOURS AT

2026479000. B. INFORMATION ABOUT FAA ROUTING AUTHORIZATIONS FOR U.S. STATE DEPARTMENT DESIGNATED SPECIAL INTEREST COUNTRY FLIGHT OPERATIONS TO OR FROM, WITHIN, OR TRANSITING U.S. TERRITORIAL AIRSPACE IS AVAILABLE BY COUNTRY AT: [HTTP://WWW.FAA.GOV/AIR\\_TRAFFIC/PUBLICATIONS/US\\_RESTRICTIONS/](http://www.faa.gov/air_traffic/publications/us_restrictions/) OR BY CONTACTING THE FAA SYSTEM OPERATIONS SUPPORT CENTER (SOSC) AT 2022678115. PART III. SPECIAL EMPHASIS A. PILOTS ARE REMINDED THAT THERE ARE INCREASED SECURITY MEASURES IN PLACE AT MANY AREAS. IN ACCORDANCE WITH 14 CFR 91.103, PRIOR TO DEPARTURE, PILOTS MUST BECOME FAMILIAR WITH ALL AVAILABLE INFORMATION CONCERNING THAT FLIGHT, INCLUDING ANY TEMPORARY FLIGHT RESTRICTIONS ALONG THEIR ROUTE OF FLIGHT OR AT THEIR POINT OF DEPARTURE/ARRIVAL. B. NONCOMPLIANCE WITH THESE SPECIAL SECURITY REQUIREMENTS MAY RESULT IN DENIAL OF FLIGHT ENTRY INTO U.S. TERRITORIAL AIRSPACE OR GROUND STOP OF THE FLIGHT AT A U.S. AIRPORT. C. PILOTS OF AIRCRAFT THAT DO NOT ADHERE TO THE PROCEDURES IN THE SPECIAL SECURITY REQUIREMENTS CONTAINED IN THIS NOTAM MAY BE INTERCEPTED, AND/OR DETAINED AND INTERVIEWED BY FEDERAL, STATE, OR LOCAL LAW ENFORCEMENT OR OTHER GOVERNMENT PERSONNEL. PART IV. DEFINITIONS A. AS USED IN THIS NOTAM, THE TERM U.S. TERRITORIAL AIRSPACE MEANS THE AIRSPACE OVER THE UNITED STATES, ITS TERRITORIES, AND POSSESSIONS, AND THE AIRSPACE OVER THE TERRITORIAL SEA OF THE UNITED STATES, WHICH EXTENDS 12 NAUTICAL MILES FROM THE BASELINES OF THE UNITED STATES DETERMINED IN ACCORDANCE WITH INTERNATIONAL LAW. B. TO OR FROM MEANS ANY FLIGHT THAT: 1) ENTERS U.S. TERRITORIAL AIRSPACE AFTER DEPARTURE FROM A LOCATION OUTSIDE OF THE U.S., ITS TERRITORIES OR POSSESSIONS, FOR LANDING AT A DESTINATION IN THE U.S., ITS TERRITORIES OR POSSESSIONS; OR 2) EXITS U.S. TERRITORIAL AIRSPACE AFTER DEPARTURE FROM A LOCATION IN THE U.S., ITS TERRITORIES OR POSSESSIONS. C. TRANSIT MEANS ANY FLIGHT DEPARTING FROM A LOCATION OUTSIDE OF THE U.S., ITS TERRITORIES OR POSSESSIONS, WHICH OPERATES IN U.S. TERRITORIAL AIRSPACE ENROUTE TO A LOCATION OUTSIDE THE U.S., ITS TERRITORIES OR POSSESSIONS WITHOUT LANDING AT A DESTINATION IN THE U.S. D. WITHIN MEANS ANY FLIGHT DEPARTING FROM A LOCATION INSIDE OF THE U.S., ITS TERRITORIES OR POSSESSIONS, WHICH OPERATES TO A LOCATION INSIDE THE U.S., ITS TERRITORIES OR POSSESSIONS. E. THE U.S. STATE DEPARTMENT DESIGNATED SPECIAL INTEREST COUNTRIES ARE CUBA, IRAN, THE DEMOCRATIC PEOPLES REPUBLIC OF KOREA (NORTH KOREA), THE PEOPLE'S REPUBLIC OF CHINA, THE RUSSIAN FEDERATION, SUDAN, AND SYRIA. 16 JAN 00:30 2016 UNTIL PERM. CREATED: 16 JAN 01:08 2016

!FDC 6/4256 KZZZ SECURITY...SPECIAL SECURITY INSTRUCTIONS FOR CIVIL AIRCRAFT OPERATIONS TO OR FROM THE TERRITORIAL AIRSPACE OF THE UNITED STATES (U.S.). THE FOLLOWING SPECIAL SECURITY REQUIREMENTS FOR CIVIL AIRCRAFT OPERATIONS TO AND FROM THE U.S. ARE IN EFFECT PURSUANT TO 14 CODE OF FEDERAL REGULATIONS (CFR) 99.7, SPECIAL SECURITY INSTRUCTIONS, AND 49 USC 40103 AND 41703, IN ADDITION TO THE REQUIREMENTS PRESCRIBED IN 14 CFR PART 99 (SECURITY CONTROL OF AIR TRAFFIC). THE REQUIREMENTS IN THIS NOTAM SUPERSEDE THE REQUIREMENTS FOR CIVIL AIRCRAFT OPERATIONS TO OR FROM U.S. TERRITORIAL AIRSPACE FORMERLY PUBLISHED IN FDC NOTAM 5/5782 (A0053/15).



SECURITY REQUIREMENTS FOR CIVIL AIRCRAFT OPERATIONS WITHIN OR TRANSITING U.S. TERRITORIAL AIRSPACE ARE PROVIDED IN A SEPARATE NOTAM. IN ADDITION TO THE REQUIREMENTS OF THIS NOTAM, CIVIL AIRCRAFT OPERATIONS TO OR FROM THE TERRITORIAL AIRSPACE OF THE U.S. MUST COMPLY WITH ALL OTHER APPLICABLE REGULATIONS PUBLISHED IN TITLE 14 CFR. PART I. CIVIL AIRCRAFT OPERATIONS TO OR FROM U.S. TERRITORIAL AIRSPACE A. CIVIL AIRCRAFT, EXCEPT AS DESCRIBED IN PART I, PARAGRAPH B, ARE AUTHORIZED TO OPERATE TO OR FROM THE TERRITORIAL AIRSPACE OF THE U.S. IF IN COMPLIANCE WITH ALL OF THE FOLLOWING CONDITIONS: 1) FILE AND ARE ON AN ACTIVE FLIGHT PLAN (IFR, VFR, OR DVFR); 2) ARE EQUIPPED WITH AN OPERATIONAL MODE C OR S TRANSPONDER, AND CONTINUOUSLY SQUAWK AN ATC ASSIGNED TRANSPONDER CODE; 3) MAINTAIN TWOWAY COMMUNICATIONS WITH ATC; 4) COMPLY WITH ALL APPLICABLE U.S. CUSTOMS AND BORDER PROTECTION (CBP) REQUIREMENTS, INCLUDING ADVANCE PASSENGER INFORMATION SYSTEM (APIS) REQUIREMENTS, IN 19 CFR PART 122; AND 5) ARE IN RECEIPT OF A FEDERAL AVIATION ADMINISTRATION (FAA) ROUTING AUTHORIZATION IF THE AIRCRAFT IS REGISTERED IN A U.S. STATE DEPARTMENT DESIGNATED SPECIAL INTEREST COUNTRY OR IS OPERATING WITH THE ICAO THREE LETTER DESIGNATOR OF A COMPANY IN A COUNTRY LISTED AS A U.S. STATE DEPARTMENT DESIGNATED SPECIAL INTEREST COUNTRY, UNLESS THE OPERATOR HOLDS VALID FAA PART 129 OPERATIONS SPECIFICATIONS. VFR AND DVFR FLIGHT OPERATIONS ARE PROHIBITED FOR ANY AIRCRAFT REQUIRING AN FAA ROUTING AUTHORIZATION. B. CIVIL AIRCRAFT REGISTERED IN THE U.S., CANADA, OR MEXICO WITH A MAXIMUM CERTIFICATED TAKEOFF GROSS WEIGHT OF 100,309 POUNDS (45,500 KGS) OR LESS THAT ARE OPERATING WITHOUT AN OPERATIONAL MODE C OR S TRANSPONDER, AND/OR THE ABILITY TO MAINTAIN TWOWAY COMMUNICATIONS WITH ATC, ARE AUTHORIZED TO OPERATE TO OR FROM U.S. TERRITORIAL AIRSPACE OVER ALASKA IF IN COMPLIANCE WITH ALL OF THE FOLLOWING CONDITIONS: 1) DEPART AND LAND AT AN AIRPORT WITHIN THE U.S. OR CANADA; 2) ENTER OR EXIT U.S. TERRITORIAL AIRSPACE OVER ALASKA NORTH OF THE FIFTYFOURTH PARALLEL; 3) FILE AND ARE ON AN ACTIVE FLIGHT PLAN; 4) SQUAWK 1200 IF VFR AND EQUIPPED WITH A TRANSPONDER; AND 5) COMPLY WITH ALL APPLICABLE U.S. CBP REQUIREMENTS, INCLUDING APIS REQUIREMENTS, IN 19 CFR PART 122. PART II. FAA ROUTING AUTHORIZATION AND CBP APIS INFORMATION. A. INFORMATION ABOUT FAA ROUTING AUTHORIZATIONS FOR U.S. STATE DEPARTMENT DESIGNATED SPECIAL INTEREST COUNTRY FLIGHT OPERATIONS IN U.S. TERRITORIAL AIRSPACE IS AVAILABLE BY COUNTRY AT: [HTTP://WWW.FAA.GOV/AIR\\_TRAFFIC/PUBLICATIONS/US\\_RESTRICTIONS/](http://www.faa.gov/air_traffic/publications/us_restrictions/) OR BY CONTACTING THE FAA SYSTEM OPERATIONS SUPPORT CENTER (SOSC) AT 2022678115. B. INFORMATION ABOUT U.S. CBP APIS REQUIREMENTS IS AVAILABLE AT [HTTP://WWW.CBP.GOV](http://www.cbp.gov) PART III. SPECIAL EMPHASIS A. PILOTS ARE REMINDED THAT THERE ARE INCREASED SECURITY MEASURES IN PLACE AT MANY AREAS. IN ACCORDANCE WITH 14 CFR 91.103, PRIOR TO DEPARTURE, PILOTS MUST BECOME FAMILIAR WITH ALL AVAILABLE INFORMATION CONCERNING THAT FLIGHT, INCLUDING ANY TEMPORARY FLIGHT RESTRICTIONS ALONG THEIR ROUTE OF FLIGHT OR AT THEIR POINT OF DEPARTURE/ARRIVAL. B. NONCOMPLIANCE WITH THESE SPECIAL SECURITY REQUIREMENTS MAY RESULT IN DENIAL OF FLIGHT ENTRY INTO U.S. TERRITORIAL AIRSPACE OR GROUND STOP OF THE FLIGHT AT A U.S. AIRPORT. C. PILOTS OF

AIRCRAFT THAT DO NOT ADHERE TO THE PROCEDURES IN THE SPECIAL SECURITY REQUIREMENTS CONTAINED IN THIS NOTAM MAY BE INTERCEPTED, AND/OR DETAINED AND INTERVIEWED BY FEDERAL, STATE, OR LOCAL LAW ENFORCEMENT, OR OTHER GOVERNMENT PERSONNEL. PART IV. DEFINITIONS A. AS USED IN THIS NOTAM, THE TERM U.S. TERRITORIAL AIRSPACE MEANS THE AIRSPACE OVER THE UNITED STATES, ITS TERRITORIES, AND POSSESSIONS, AND THE AIRSPACE OVER THE TERRITORIAL SEA OF THE UNITED STATES, WHICH EXTENDS 12 NAUTICAL MILES FROM THE BASELINES OF THE UNITED STATES DETERMINED IN ACCORDANCE WITH INTERNATIONAL LAW. B. TO OR FROM MEANS ANY FLIGHT THAT: 1) ENTERS U.S. TERRITORIAL AIRSPACE AFTER DEPARTURE FROM A LOCATION OUTSIDE OF THE U.S., ITS TERRITORIES OR POSSESSIONS, FOR LANDING AT A DESTINATION IN THE U.S., ITS TERRITORIES OR POSSESSIONS; OR 2) EXITS U.S. TERRITORIAL AIRSPACE AFTER DEPARTURE FROM A LOCATION IN THE U.S., ITS TERRITORIES, OR POSSESSIONS, AND LANDS AT A DESTINATION OUTSIDE THE U.S., ITS TERRITORIES OR POSSESSIONS. C. THE U.S. STATE DEPARTMENT DESIGNATED SPECIAL INTEREST COUNTRIES ARE CUBA, IRAN, THE DEMOCRATIC PEOPLES REPUBLIC OF KOREA (NORTH KOREA), THE PEOPLE'S REPUBLIC OF CHINA, THE RUSSIAN FEDERATION, SUDAN, AND SYRIA. 16 JAN 00:30 2016 UNTIL PERM. CREATED: 16 JAN 00:45 2016

!FDC 6/4255 KZZZ SECURITY...SPECIAL SECURITY INSTRUCTIONS FOR CIVIL AIRCRAFT OPERATIONS WITHIN OR TRANSITING THE TERRITORIAL AIRSPACE OF THE UNITED STATES (U.S.). THE FOLLOWING SPECIAL SECURITY REQUIREMENTS FOR CIVIL AIRCRAFT OPERATIONS WITHIN OR TRANSITING U.S. TERRITORIAL AIRSPACE ARE IN EFFECT PURSUANT TO 14 CODE OF FEDERAL REGULATIONS (CFR) 99.7, SPECIAL SECURITY INSTRUCTIONS, AND 49 USC 40103 AND 41703, IN ADDITION TO THE REQUIREMENTS PRESCRIBED IN 14 CFR PART 99, SECURITY CONTROL OF AIR TRAFFIC. THE REQUIREMENTS IN THIS NOTAM SUPERSEDE THE REQUIREMENTS FOR CIVIL AIRCRAFT OPERATIONS WITHIN OR TRANSITING U.S. TERRITORIAL AIRSPACE FORMERLY PUBLISHED IN FDC NOTAM 5/6289 (A0056/15). SECURITY REQUIREMENTS FOR CIVIL AIRCRAFT OPERATIONS TO OR FROM U.S. TERRITORIAL AIRSPACE ARE PROVIDED IN A SEPARATE NOTAM. IN ADDITION TO THE REQUIREMENTS OF THIS NOTAM, CIVIL AIRCRAFT OPERATIONS WITHIN OR TRANSITING THE TERRITORIAL AIRSPACE OF THE U.S. MUST COMPLY WITH ALL OTHER APPLICABLE REGULATIONS PUBLISHED IN TITLE 14 CFR. PART I. CIVIL AIRCRAFT OPERATIONS WITHIN U.S. TERRITORIAL AIRSPACE A. CIVIL AIRCRAFT WITH A MAXIMUM CERTIFICATED TAKEOFF GROSS WEIGHT LESS THAN OR EQUAL TO 100,309 POUNDS (45,500 KGS) ARE AUTHORIZED TO OPERATE WITHIN THE TERRITORIAL AIRSPACE OF THE U.S. IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS AND VFR IN AIRPORT TRAFFIC PATTERN AREAS OF UNITED STATES AIRPORTS NEAR THE UNITED STATES BORDER WITH THE EXCEPTION DESCRIBED IN PART I, PARAGRAPH B. B. CIVIL AIRCRAFT WITH A MAXIMUM CERTIFICATED TAKEOFF GROSS WEIGHT LESS THAN OR EQUAL TO 100,309 POUNDS (45,500 KGS) AND REGISTERED IN A U.S. STATE DEPARTMENT DESIGNATED SPECIAL INTEREST COUNTRY OR OPERATING WITH THE ICAO THREE LETTER DESIGNATOR OF A COMPANY IN A COUNTRY LISTED AS A U.S. STATE DEPARTMENT DESIGNATED SPECIAL INTEREST COUNTRY, UNLESS THE OPERATOR HOLDS VALID FEDERAL AVIATION ADMINISTRATION (FAA) PART 129 OPERATIONS SPECIFICATIONS, MUST OPERATE WITHIN THE

TERRITORIAL AIRSPACE OF THE U.S. IN ACCORDANCE WITH THE SAME REQUIREMENTS AS CIVIL AIRCRAFT WITH A MAXIMUM CERTIFICATED TAKEOFF GROSS WEIGHT GREATER THAN 100,309 POUNDS (45,500 KGS), AS DESCRIBED IN PART I, PARAGRAPH C. CIVIL AIRCRAFT WITH A MAXIMUM CERTIFICATED TAKEOFF GROSS WEIGHT GREATER THAN 100,309 POUNDS (45,500 KGS) ARE AUTHORIZED TO OPERATE WITHIN THE TERRITORIAL AIRSPACE OF THE U.S. IF IN COMPLIANCE WITH ALL OF THE FOLLOWING CONDITIONS: 1) FILE AND ARE ON AN ACTIVE FLIGHT PLAN (IFR OR VFR); 2) ARE EQUIPPED WITH AN OPERATIONAL MODE C OR S TRANSPONDER, AND CONTINUOUSLY SQUAWK AN ATC ASSIGNED TRANSPONDER CODE; 3) MAINTAIN TWOWAY COMMUNICATIONS WITH ATC; 4) AIRCRAFT NOT REGISTERED IN THE U.S. MUST OPERATE UNDER AN APPROVED TRANSPORTATION SECURITY ADMINISTRATION (TSA) AVIATION SECURITY PROGRAM OR IN ACCORDANCE WITH AN FAA/TSA AIRSPACE WAIVER; 5) ARE IN RECEIPT OF AND ARE OPERATING IN ACCORDANCE WITH AN FAA ROUTING AUTHORIZATION AND AN FAA/TSA AIRSPACE WAIVER IF THE AIRCRAFT IS REGISTERED IN A U.S. STATE DEPARTMENTDESIGNATED SPECIAL INTEREST COUNTRY OR IS OPERATING WITH THE ICAO THREE LETTER DESIGNATOR OF A COMPANY IN A COUNTRY LISTED AS A U.S. STATE DEPARTMENTDESIGNATED SPECIAL INTEREST COUNTRY, UNLESS THE OPERATOR HOLDS VALID FAA PART 129 OPERATIONS SPECIFICATIONS. FAA ROUTING AUTHORIZATION FOR OPERATIONS WITHIN U.S. TERRITORIAL AIRSPACE BY AIRCRAFT DESCRIBED IN THIS SUBPARAGRAPH C.5 WILL ONLY BE GRANTED FOR IFR OPERATIONS. VFR FLIGHT OPERATIONS ARE PROHIBITED WITHIN U.S. TERRITORIAL AIRSPACE FOR ANY AIRCRAFT REQUIRING AN FAA ROUTING AUTHORIZATION; AND 6) AIRCRAFT NOT REGISTERED IN THE U.S, WHEN CONDUCTING POSTMAINTENANCE, MANUFACTURER, PRODUCTION, OR ACCEPTANCE FLIGHT TEST OPERATIONS, MUST MEET ALL OF THE FOLLOWING REQUIREMENTS: A) A U.S. COMPANY MUST HAVE OPERATIONAL CONTROL OF THE AIRCRAFT; B) AN FAACERTIFICATED PILOT MUST SERVE AS PILOT IN COMMAND; C) ONLY CREWMEMBERS ARE PERMITTED ONBOARD THE AIRCRAFT; AND D) MAINTENANCE FLIGHT IS INCLUDED IN THE REMARKS SECTION OF THE FLIGHT PLAN. PART II. CIVIL AIRCRAFT OPERATIONS THAT TRANSIT U.S. TERRITORIAL AIRSPACE A. CIVIL AIRCRAFT, EXCEPT THOSE OPERATING IN ACCORDANCE WITH PARAGRAPHS B, C, D, OR E OF THIS PART II, ARE AUTHORIZED TO TRANSIT THE TERRITORIAL AIRSPACE OF THE U.S. IF IN COMPLIANCE WITH ALL OF THE FOLLOWING CONDITIONS: 1) FILE AND ARE ON AN ACTIVE FLIGHT PLAN (IFR OR DVFR); 2) ARE EQUIPPED WITH AN OPERATIONAL MODE C OR S TRANSPONDER AND CONTINUOUSLY SQUAWK AN ATC ASSIGNED TRANSPONDER CODE; 3) MAINTAIN TWOWAY COMMUNICATIONS WITH ATC; 4) ARE OPERATING UNDER AN APPROVED TSA AVIATION SECURITY PROGRAM OR ARE OPERATING WITH AND IN ACCORDANCE WITH AN FAA/TSA AIRSPACE WAIVER, IF: (A) THE AIRCRAFT IS NOT REGISTERED IN THE U.S.; OR (B) THE AIRCRAFT IS REGISTERED IN THE U.S. AND ITS MAXIMUM TAKEOFF GROSS WEIGHT IS GREATER THAN 100,309 POUNDS (45,500 KGS); 5) ARE IN RECEIPT OF AND ARE OPERATING IN ACCORDANCE WITH AN FAA ROUTING AUTHORIZATION IF THE AIRCRAFT IS REGISTERED IN A U.S. STATE DEPARTMENTDESIGNATED SPECIAL INTEREST COUNTRY OR IS OPERATING WITH THE ICAO THREE LETTER DESIGNATOR OF A COMPANY IN A COUNTRY LISTED AS A U.S. STATE DEPARTMENTDESIGNATED SPECIAL INTEREST COUNTRY, UNLESS THE OPERATOR HOLDS VALID FAA PART 129 OPERATIONS SPECIFICATIONS. FAA ROUTING AUTHORIZATION FOR TRANSIT OF U.S. TERRITORIAL AIRSPACE BY AIRCRAFT SUBJECT

TO THIS PART II, SUBPARAGRAPH A.5 WILL ONLY BE GRANTED FOR IFR OPERATIONS. DVFR AND VFR FLIGHT OPERATIONS ARE PROHIBITED FOR ANY AIRCRAFT TRANSITING U.S. TERRITORIAL AIRSPACE REQUIRING AN FAA ROUTING AUTHORIZATION. B. CIVIL AIRCRAFT REGISTERED IN CANADA OR MEXICO, AND ENGAGED IN OPERATIONS FOR THE PURPOSES OF AIR AMBULANCE, FIRE FIGHTING, LAW ENFORCEMENT, SEARCH AND RESCUE, OR EMERGENCY EVACUATION ARE AUTHORIZED TO TRANSIT U.S. TERRITORIAL AIRSPACE WITHIN 50 NM OF THEIR RESPECTIVE BORDERS WITH THE U.S., WITH OR WITHOUT AN ACTIVE FLIGHT PLAN, PROVIDED THEY HAVE RECEIVED AND CONTINUOUSLY TRANSMIT AN ATC ASSIGNED TRANSPONDER CODE. C. CIVIL AIRCRAFT REGISTERED IN CANADA, MEXICO, BAHAMAS, BERMUDA, CAYMAN ISLANDS, OR THE BRITISH VIRGIN ISLANDS WITH A MAXIMUM CERTIFICATED TAKEOFF GROSS WEIGHT OF 100,309 POUNDS (45,500 KGS) OR LESS ARE AUTHORIZED TO TRANSIT U.S. TERRITORIAL AIRSPACE IF IN COMPLIANCE WITH ALL OF THE FOLLOWING CONDITIONS: 1) FILE AND ARE ON AN ACTIVE FLIGHT PLAN (IFR, VFR, OR DVFR) THAT ENTERS U.S. TERRITORIAL AIRSPACE DIRECTLY FROM ANY OF THE COUNTRIES LISTED IN PART II, PARAGRAPH C. FLIGHTS THAT INCLUDE A STOP IN A NONLISTED COUNTRY PRIOR TO ENTERING U.S. TERRITORIAL AIRSPACE MUST COMPLY WITH THE REQUIREMENTS PRESCRIBED BY PART II, PARAGRAPH A, INCLUDING OPERATING UNDER AN APPROVED TSA AVIATION SECURITY PROGRAM OR OPERATING WITH AND IN ACCORDANCE WITH AN FAA/TSA AIRSPACE WAIVER. 2) ARE EQUIPPED WITH AN OPERATIONAL MODE C OR S TRANSPONDER AND CONTINUOUSLY SQUAWK AN ATC ASSIGNED TRANSPONDER CODE; AND 3) MAINTAIN TWOWAY COMMUNICATIONS WITH ATC. D. CIVIL AIRCRAFT REGISTERED IN CANADA, MEXICO, BAHAMAS, BERMUDA, CAYMAN ISLANDS, OR THE BRITISH VIRGIN ISLANDS WITH A MAXIMUM CERTIFICATED TAKEOFF GROSS WEIGHT GREATER THAN 100,309 POUNDS (45,500 KGS) MUST COMPLY WITH THE REQUIREMENTS PRESCRIBED BY PART II, PARAGRAPH A, INCLUDING OPERATING UNDER AN APPROVED TSA AVIATION SECURITY PROGRAM OR OPERATING WITH AND IN ACCORDANCE WITH AN FAA/TSA AIRSPACE WAIVER. E. CIVIL AIRCRAFT REGISTERED IN THE U.S., CANADA, OR MEXICO WITH A MAXIMUM CERTIFICATED TAKEOFF GROSS WEIGHT OF 100,309 POUNDS (45,500 KGS) OR LESS THAT ARE OPERATING WITHOUT AN OPERATIONAL MODE C OR S TRANSPONDER AND/OR THE ABILITY TO MAINTAIN TWOWAY COMMUNICATIONS WITH ATC, ARE AUTHORIZED TO TRANSIT U.S. TERRITORIAL AIRSPACE OVER ALASKA IF IN COMPLIANCE WITH ALL OF THE FOLLOWING CONDITIONS: 1) ENTER AND EXIT U.S. TERRITORIAL AIRSPACE OVER ALASKA NORTH OF THE FIFTYFOURTH PARALLEL; 2) FILE AND ARE ON AN ACTIVE FLIGHT PLAN; AND 3) SQUAWK 1200 IF VFR AND EQUIPPED WITH A TRANSPONDER. PART III. FAA/TSA AIRSPACE WAIVER, TSA AVIATION SECURITY PROGRAM, AND FAA ROUTING AUTHORIZATION INFORMATION. A. FAA/TSA AIRSPACE WAIVERS 1) OPERATORS MAY SUBMIT REQUESTS FOR FAA/TSA AIRSPACE WAIVERS AT [HTTPS://WAIVERS.FAA.GOV](https://waivers.faa.gov) BY SELECTING INTERNATIONAL AS THE WAIVER TYPE. 2) INFORMATION REGARDING FAA/TSA AIRSPACE WAIVERS CAN BE FOUND AT: [HTTP://WWW.TSA.GOV/FORINDUSTRY/GENERALAVIATION](http://www.tsa.gov/forindustry/generalaviation) OR CAN BE OBTAINED BY CONTACTING TSA AT 5712272071. 3) ALL EXISTING FAA/TSA WAIVERS ISSUED UNDER PREVIOUS FDC NOTAMS REMAIN VALID UNTIL THE EXPIRATION DATE SPECIFIED IN THE WAIVER, UNLESS SOONER SUPERSEDED OR RESCINDED. B. TSA AVIATION SECURITY PROGRAMS 1) CONTACTS FOR INFORMATION REGARDING TSA AVIATION SECURITY PROGRAMS FOR APPLICANTS FOR U.S. AIR OPERATOR

CERTIFICATES WILL BE PROVIDED BY THE U.S. DEPARTMENT OF TRANSPORTATION DURING THE CERTIFICATION PROCESS. 2) FOR INFORMATION ABOUT APPLICABLE TSA SECURITY PROGRAMS, U.S. AIR CARRIERS AND COMMERCIAL OPERATORS MUST CONTACT THEIR TSA PRINCIPAL SECURITY SPECIALIST (PSS), AND FOREIGN AIR CARRIERS MUST CONTACT THEIR INTERNATIONAL INDUSTRY REPRESENTATIVE (IIR). C. INFORMATION ABOUT FAA ROUTING AUTHORIZATIONS FOR U.S. STATE DEPARTMENT DESIGNATED SPECIAL INTEREST COUNTRY FLIGHT OPERATIONS IN U.S. TERRITORIAL AIRSPACE IS AVAILABLE BY COUNTRY AT: [HTTP://WWW.FAA.GOV/AIR\\_TRAFFIC/PUBLICATIONS/US\\_RESTRICTIONS/](http://www.faa.gov/air_traffic/publications/us_restrictions/) OR BY CONTACTING THE FAA SYSTEM OPERATIONS SUPPORT CENTER (SOSC) AT 2022678115.

PART IV. SPECIAL EMPHASIS A. PILOTS ARE REMINDED THAT THERE ARE INCREASED SECURITY MEASURES IN PLACE AT MANY AREAS. IN ACCORDANCE WITH 14 CFR 91.103, PRIOR TO DEPARTURE, PILOTS MUST BECOME FAMILIAR WITH ALL AVAILABLE INFORMATION CONCERNING THAT FLIGHT, INCLUDING ANY TEMPORARY FLIGHT RESTRICTIONS ALONG THEIR ROUTE OF FLIGHT OR AT THEIR POINT OF DEPARTURE/ARRIVAL. B. NONCOMPLIANCE WITH THESE SPECIAL SECURITY REQUIREMENTS MAY RESULT IN DENIAL OF FLIGHT ENTRY INTO U.S. TERRITORIAL AIRSPACE OR GROUND STOP OF THE FLIGHT AT A U.S. AIRPORT. C. PILOTS OF AIRCRAFT THAT DO NOT ADHERE TO THE PROCEDURES IN THE SPECIAL SECURITY REQUIREMENTS CONTAINED IN THIS NOTAM MAY BE INTERCEPTED, AND/OR DETAINED AND INTERVIEWED BY FEDERAL, STATE, OR LOCAL LAW ENFORCEMENT, OR OTHER GOVERNMENT PERSONNEL. PART V. DEFINITIONS A. AS USED IN THIS NOTAM, THE TERM U.S. TERRITORIAL AIRSPACE MEANS THE AIRSPACE OVER THE UNITED STATES, ITS TERRITORIES, AND POSSESSIONS, AND THE AIRSPACE OVER THE TERRITORIAL SEA OF THE UNITED STATES, WHICH EXTENDS 12 NAUTICAL MILES FROM THE BASELINES OF THE UNITED STATES DETERMINED IN ACCORDANCE WITH INTERNATIONAL LAW. B. WITHIN MEANS ANY FLIGHT DEPARTING FROM A LOCATION INSIDE OF THE U.S., ITS TERRITORIES, OR POSSESSIONS, WHICH OPERATES ENROUTE TO A LOCATION INSIDE THE U.S., ITS TERRITORIES, OR POSSESSIONS. C. TRANSIT MEANS ANY FLIGHT DEPARTING FROM A LOCATION OUTSIDE OF THE U.S., ITS TERRITORIES, OR POSSESSIONS, WHICH OPERATES IN U.S. TERRITORIAL AIRSPACE ENROUTE TO A LOCATION OUTSIDE THE U.S., ITS TERRITORIES OR POSSESSIONS WITHOUT LANDING AT A DESTINATION IN THE U.S., ITS TERRITORIES, OR POSSESSIONS. D. THE U.S. STATE DEPARTMENT DESIGNATED SPECIAL INTEREST COUNTRIES ARE CUBA, IRAN, THE DEMOCRATIC PEOPLES REPUBLIC OF KOREA (NORTH KOREA), THE PEOPLE'S REPUBLIC OF CHINA, THE RUSSIAN FEDERATION, SUDAN, AND SYRIA. 16 JAN 00:30 2016 UNTIL PERM. CREATED: 16 JAN 00:33 2016

!FDC 7/9667 KZKC IA..ROUTE ZKC ZAU. J233 KIRKSVILLE (IRK) VORTAC, MO TO WATERLOO (ALO) VOR/DME, IA MAA 27000 EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 20 OCT 14:18 2017 UNTIL 01 JUN 14:18 2018 ESTIMATED. CREATED: 20 OCT 14:18 2017

!FDC 7/8058 KZKC KS..MO..IL..OK..TX..SPECIAL NOTICE.. THE FAA HAS DETERMINED THE FUEL CONTAMINATION THAT HAS BEEN REFERENCED IN RECENT NOTICES WAS AN EVENT ISOLATED TO EPPLEY FIELD, OMAHA, NE (KOMA) BETWEEN NOV

16 AND 21 AND INVOLVED AS MANY AS 56 MILITARY AND CIVILIAN AIRCRAFT. AN INVESTIGATION HAS RESULTED IN THE SPECIFIC IDENTIFICATION OF THE CAUSE AND THE SPECIFIC AIRCRAFT INVOLVED. THE FAA IS ALSO INQUIRING INTO AIRCRAFT FUELED DURING THE PERIOD NOV. 2227. BASED ON PRESENT EVIDENCE, THE FAA BELIEVES THE CAUSE OF THE CONTAMINATION WAS A PROCEDURAL ERROR. THE FAA HAS DETERMINED THE FUEL CONTAMINATION EVENT AT KOMA HAS BEEN RESOLVED AND ANTICIPATE NO FURTHER SPECIAL NOTICES WILL BE ISSUED ON THE KOMA FUEL CONTAMINATION INCIDENT. 05 DEC 00:30 2017 UNTIL 30 DEC 19:00 2017. CREATED: 05 DEC 00:43 2017

!FDC 7/6764 KZKC KS..ROUTE ZKC. V307 ALMAS, KS MCA 5000 NORTHEASTBOUND. 22 AUG 12:08 2017 UNTIL 03 APR 12:08 2018 ESTIMATED. CREATED: 22 AUG 12:08 2017

!FDC 7/5780 KZKC ROUTE ZKC. V12 COLUMBIA (COU) VOR/DME, MO TO FORISTELL (FTZ) VORTAC, MO NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 14 DEC 18:29 2017 UNTIL 26 JUL 18:29 2018 ESTIMATED. CREATED: 14 DEC 18:29 2017

!FDC 7/5614 KZKC NE..ROUTE ZKC ZMP. V307 PAWNEE CITY (PWE) VORTAC, NE R189 TO ALMAS INT, KS MOCA 3000. 07 AUG 17:55 2017 UNTIL 19 MAR 17:55 2018 ESTIMATED. CREATED: 07 AUG 17:55 2017

!FDC 7/3504 KZKC MO..ROUTE ZKC. V175 HALLSVILLE (HLV) VORTAC, MO TO MACON (MCM) VOR/DME, MO MEA 3100. 26 OCT 17:39 2017 UNTIL 07 JUN 17:39 2018 ESTIMATED. CREATED: 26 OCT 17:40 2017

!FDC 7/3425 KZKC KS..ROUTE ZKC. V502 DISKS, KS MCA 5000 SOUTHEASTBOUND. 28 NOV 18:15 2017 UNTIL 10 JUL 18:15 2018 ESTIMATED. CREATED: 28 NOV 18:15 2017

!FDC 7/3028 KZKC KS..ROUTE ZKC. V551 SALINA (SLN) VORTAC, KS TO MANKATO (TKO) VORTAC, KS MEA 6000. SLN VORTAC MCA V551 4200 NORTHWESTBOUND.. SLN VORTAC RESTRICTIONS. 29 AUG 18:20 2017 UNTIL 10 APR 18:20 2018 ESTIMATED. CREATED: 29 AUG 18:20 2017

!FDC 7/3023 KZKC KS..ROUTE ZKC. V532 SALINA (SLN) VORTAC, KS TO STEEL, NE MEA 6000. SLN VORTAC MCA V532 4200 NORTHEASTBOUND. V532 STEEL, NE TO LINCOLN (LNK) VORTAC, NE MEA 5000. SLN VORTAC RESTRICTION. 29 AUG 18:13 2017 UNTIL 10 APR 18:13 2018 ESTIMATED. CREATED: 29 AUG 18:13 2017

!FDC 7/3021 KZKC KS..ROUTE ZKC. V553 SALINA (SLN) VORTAC, KS TO PAWNEE CITY (PWE) VORTAC, NE MEA 3400. URAVY MRA 6000. HURDO MRA 6000.. SLN VORTAC RESTRICTIONS. 29 AUG 18:11 2017 UNTIL 10 APR 18:11 2018 ESTIMATED. CREATED: 29 AUG 18:11 2017

!FDC 7/2183 KZKC MO..ROUTE ZKC. V527 JENKY, MO MCA 4000 SOUTHWESTBOUND. 17 JUL 18:40 2017 UNTIL 26 FEB 18:40 2018 ESTIMATED. CREATED: 17 JUL 18:40 2017

!FDC 7/9160 KZID KY..ROUTE ZID ZME. V5 KEDLE, KY TO NEW HOPE (EWO) VOR/DME, KY MEA 2900. V5 BOWLING GREEN (BWG) VORTAC, KY TO KEDLE, KY NA. 08 SEP 13:57 2017 UNTIL 20 APR 13:57 2018 ESTIMATED. CREATED: 08 SEP 13:57 2017

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

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

!FDC 7/7898 KZID KY..ROUTE ZID. V517 LONDON (LOZ) VOR/DME, KY TO LOGIC, KY MEA 6000. V517 LOGIC, KY MCA 6000 SOUTHBOUND. 23 AUG 12:52 2017 UNTIL 04 APR 12:52 2018 ESTIMATED. CREATED: 23 AUG 12:52 2017

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

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

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

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

!FDC 7/6864 KZID OH..AIRSPACE LATHAM, OH..AIRBORNE TO GND LASER ACT WILL BE CONDUCTED WI AN AREA DEFINED AS 40NM RADIUS OF 390540.17N0831440.15W (BUCKEYE MOA) FL200FL300. AVOID AIRBORNE HAZARD BY 5NM LATERALLY AND

1000FT VERTICALLY. THIS BEAM IS INJURIOUS TO PILOTS'/AIRCROWS' AND PASSENGERS' EYES. INDIANAPOLIS /ZID/ ARTCC, TELEPHONE 3172472242, IS THE FAA COORDINATION FACILITY. DLY 13002000. 26 JUL 13:00 2017 UNTIL 26 JUL 20:00 2018. CREATED: 25 JUL 18:54 2017

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

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

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

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

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

!FDC 7/5196 KZID KY..ROUTE ZID. V171 LOUISVILLE (IIU) VORTAC, KY MCA 10000 NORTHWESTBOUND. V171 SCOTO, IN MCA 10000 SOUTHEASTBOUND. V171 LOUISVILLE (IIU) VORTAC, KY TO SCOTO, IN MOCA NA. 16 OCT 14:02 2017 UNTIL 28 MAY 14:02 2018 ESTIMATED. CREATED: 16 OCT 14:02 2017

!FDC 7/5195 KZID KY..ROUTE ZID. V512 LOUISVILLE (IIU) VORTAC, KY MCA 10000 EASTBOUND. V512 CLEGG, KY MCA 10000 WESTBOUND. V512 LOUISVILLE (IIU) VORTAC, KY TO CLEGG, KY MOCA NA. 16 OCT 14:01 2017 UNTIL 28 MAY 14:01 2018 ESTIMATED. CREATED: 16 OCT 14:01 2017

!FDC 7/5193 KZID KY..ROUTE ZID. V53 LOUISVILLE (IIU) VORTAC, KY MCA 10000 NORTHWESTBOUND. V53 HOUSE, IN MCA 10000 SOUTHEASTBOUND. V53 LOUISVILLE (IIU) VORTAC, KY TO HOUSE, IN MOCA NA. 16 OCT 14:00 2017 UNTIL 28 MAY 14:00 2018 ESTIMATED. CREATED: 16 OCT 14:00 2017

!FDC 7/3549 KZID IN..AIRSPACE UNION CITY, IN..LASER LGT DEMONSTRATION WI AN AREA DEFINED AS COMMUNITY CHRISTMAS HUNTER PARK, UNION CITY, IN OR 401200N844940W OR THE MUNCIE/MIE/VOR DME 094 DEG RADIAL AT 26NM SFC1524FT AGL. LASER LGT BEAMS WILL BE TERMINATED IF NONPARTICIPATING ACFT ARE DETECTED ENTERING THE AFFECTED AREA. LASER LGT BEAMS MAY BE INJUROUS TO PILOTS /PASSENGERS EYES WI 1524FT VERTICALLY AND 1577FT LATERALLY OF THE



LGT SOURCE. FLASH BLINDNESS OR COCKPIT ILLUMINATION MAY OCCUR BEYOND THESE DISTANCES. INDIANAPOLIS /ZID/ ARTCC TELEPHONE 3172472242 IS THE FAA CDN FACILITY DLY 23000200. 30 NOV 23:00 2017 UNTIL 01 JAN 02:00 2018. CREATED: 28 NOV 19:03 2017

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

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

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

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

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

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

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

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

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

!FDC 7/7282 FDC SECURITY..SPECIAL SECURITY INSTRUCTIONS FOR UNMANNED AIRCRAFT SYSTEM (UAS) OPERATIONS FOR MULTIPLE LOCATIONS NATIONWIDE APRIL 14, 2017 APRIL 13, 2019 LOCAL. THIS NOTAM REPLACES NOTAM 7/7137 DUE SOFTWARE COMPATABILITY ERROR. PURSUANT TO 49 USC 40103(B)(3), THE FEDERAL AVIATION ADMINISTRATION (FAA) CLASSIFIES THE AIRSPACE DEFINED IN THIS NOTAM AS 'NATIONAL DEFENSE AIRSPACE'. OPERATORS WHO DO NOT COMPLY WITH THE FOLLOWING PROCEDURES MAY FACE THE FOLLOWING ENFORCEMENT ACTIONS: A) THE UNITED STATES GOVERNMENT MAY PURSUE CRIMINAL CHARGES, INCLUDING CHARGES UNDER 49 USC 46307. B) THE FAA MAY TAKE ADMINISTRATIVE ACTION, INCLUDING IMPOSING CIVIL PENALTIES AND THE REVOCATION OF FAA CERTIFICATES OR AUTHORIZATIONS TO OPERATE UNDER TITLE 49 USC 44709 AND 46301. PURSUANT TO 14 CFR 99.7, SPECIAL SECURITY INSTRUCTIONS (SSI), ALL UAS FLIGHT OPERATIONS, INCLUDING PUBLIC, CIVIL, AND MODEL AIRCRAFT, ARE PROHIBITED WI THE AIRSPACE OVER SELECT NATIONAL SECURITY SENSITIVE FACILITIES, SFC400FT AGL, EXCEPT AS PROVIDED FOR BELOW. THE LIST OF SELECTED FACILITIES, DEFINITIONS OF THE ASSOCIATED AIRSPACE IN WHICH UAS OPERATIONS ARE PROHIBITED, DESIGNATED FACILITY CONTACTS, AND OTHER IMPORTANT INFORMATION ARE PROVIDED AT THE SECURITY..SPECIAL SECURITY INSTRUCTIONS FOR UNMANNED FOLLOWING FAA WEBSITE: [HTTP://UAS.FAA.OPENDATA.ARCGIS.COM](http://uas.faa.opendata.arcgis.com). UAS OPERATIONS ARE AUTHORIZED WI THE DEFINED SSI AIRSPACE IF IN COMPLIANCE WITH THE REQUIREMENTS LISTED BELOW: 1) THE UAS FLIGHT OPERATION HAS BEEN PREAPPROVED BY THE DESIGNATED FACILITY CONTACT BASED ON CRITERIA ESTABLISHED BY THE SPONSORING FEDERAL AGENCY IN COORDINATION WITH THE FAA; OR 2) IF THE UAS FLIGHT OPERATION IS CONDUCTED IN DIRECT SUPPORT OF AN ACTIVE NATIONAL DEFENSE, HOMELAND SECURITY, LAW ENFORCEMENT, FIREFIGHTING, SEARCH AND RESCUE, OR DISASTER RESPONSE MISSION, AND PRIOR NOTIFICATION HAS BEEN PROVIDED TO THE DESIGNATED FACILITY CONTACT; OR 3) IF THE UAS FLIGHT OPERATION IS CONDUCTED IN DIRECT SUPPORT OF A SIGNIFICANT AND URGENT GOVERNMENTAL INTEREST AND IS APPROVED BY THE FAAS SYSTEM OPERATIONS SUPPORT CENTER (SOSC) IN ADVANCE OF ENTERING THE DEFINED SSI AIRSPACE; AND 4) THE UAS FLIGHT OPERATION COMPLIES WITH ALL OTHER APPLICABLE FEDERAL AVIATION REGULATIONS. IF YOU HAVE GENERAL QUESTIONS REGARDING UAS OPERATIONS, PLEASE REFER SECURITY..SPECIAL SECURITY INSTRUCTIONS FOR UNMANNED TO [WWW.FAA.GOV/UAS/CONTACT/](http://www.faa.gov/uas/contact/); OR CONTACT THE FAA VIA EMAIL AT [UASHELP@FAA.GOV](mailto:UASHELP@FAA.GOV) OR PHONE AT (844) FLYMYUA. IF YOU HAVE QUESTIONS REGARDING THESE UAS SSI, PLEASE REFER TO THE FOLLOWING FAA WEBSITE: [HTTP://UAS.FAA.OPENDATA.ARCGIS.COM](http://uas.faa.opendata.arcgis.com); OR CONTACT THE FAAS SOSC AT (202)2678276. 14 APR 00:00 2017 UNTIL 13 APR 23:59 2019. CREATED: 07 APR 23:46 2017

!FDC 7/6429 FDC SECURITY SPECIAL SECURITY INSTRUCTIONS FOR UNMANNED AIRCRAFT SYSTEM (UAS) OPERATIONS FOR MULTIPLE LOCATIONS NATIONWIDE. THIS NOTAM SUPPLEMENTS THE UASSPECIFIC SPECIAL SECURITY INSTRUCTIONS DEFINED BY FDC 7/7282 AND IMPLEMENTED PURSUANT 14 C.F.R. 99.7 AND HAVE BEEN APPLIED TO AIRSPACE OVER ADDITIONAL NATIONAL SECURITY SENSITIVE FACILITIES. THE

UPDATED LIST OF AFFECTED AIRSPACE AND ASSOCIATED PROTECTED LOCATIONS, AND OTHER IMPORTANT INFORMATION ARE PROVIDED AT THE FOLLOWING FAA WEBSITE: [HTTP://UAS.FAA.OPENDATA.ARCGIS.COM](http://uas.faa.opendata.arcgis.com). SEE FDC 7/7282 FOR COMPLETE INFORMATION ON THESE SPECIAL SECURITY INSTRUCTIONS. 29 DEC 00:01 2017 UNTIL 01 FEB 23:59 2019. CREATED: 15 DEC 20:13 2017

IFDC 7/4319 FDC SECURITY SPECIAL SECURITY INSTRUCTIONS FOR SELECT SPORTING EVENTS. THIS NOTAM REPLACES FDC NOTAM 4/3621 TO CLARIFY ATC AUTHORIZATION OF TRANSITING FLIGHTS. THIS NOTAM IMPLEMENTS SECTION 352 OF PUBLIC LAW 1087 AS AMENDED BY SECTION 521 OF PUBLIC LAW 108199. PURSUANT TO 49 USC 40103(B)(3), THE FAA CLASSIFIES THE AIRSPACE DEFINED IN THIS NOTAM AS 'NATIONAL DEFENSE AIRSPACE'. ANY PERSON WHO KNOWINGLY OR WILLFULLY VIOLATES THE RULES PERTAINING TO OPERATIONS IN THIS AIRSPACE MAY BE SUBJECT TO CERTAIN CRIMINAL PENALTIES UNDER 49 USC 46307. PILOTS WHO DO NOT ADHERE TO THE FOLLOWING PROCEDURES MAY BE INTERCEPTED, DETAINED AND INTERVIEWED BY LAW ENFORCEMENT/SECURITY PERSONNEL. PURSUANT TO TITLE 14 CFR SECTION 99.7, SPECIAL SECURITY INSTRUCTIONS, ALL AIRCRAFT OPERATIONS ARE PROHIBITED EXCEPT AS SPECIFIED BELOW WITHIN AN AREA DEFINED AS: 3 NMR OF A QUALIFYING STADIUM OR OTHER SPORTING VENUE HOSTING A QUALIFYING EVENT UP TO AND INCLUDING 3000FT AGL. QUALIFYING LOCATIONS AND EVENTS ARE DEFINED AS ANY STADIUM OR OTHER SPORTING VENUE HAVING A SEATING CAPACITY OF 30,000 OR MORE WHERE: 1) A REGULAR OR POST SEASON MAJOR LEAGUE BASEBALL, NATIONAL FOOTBALL SPECIAL SECURITY INSTRUCTIONS FOR SELECT LEAGUE, OR NCAA DIVISION ONE FOOTBALL GAME IS OCCURRING; OR 2) A NASCAR CUP, INDY CAR, OR CHAMP SERIES RACE IS OCCURRING, EXCLUDING QUALIFYING AND PRERACE EVENTS. THIS FLIGHT PROHIBITION IS IN EFFECT ONE HOUR BEFORE THE SCHEDULED START UNTIL ONE HOUR AFTER THE END OF A QUALIFYING EVENT. THIS FLIGHT PROHIBITION APPLIES TO ALL AIRCRAFT OPERATIONS (INCLUDING TRAINING, PARACHUTE JUMPING, AND UNMANNED AIRCRAFT SYSTEMS INCLUDING MODEL AIRCRAFT FLIGHTS) UNLESS THE AIRCRAFT OPERATOR MEETS AT LEAST ONE OF THE FOLLOWING REQUIREMENTS: A) THE AIRCRAFT OPERATION HAS BEEN AUTHORIZED BY ATC FOR OPERATIONAL OR SAFETY PURPOSES, INCLUDING AUTHORIZATION OF FLIGHTS SPECIFICALLY ARRIVING AT OR DEPARTING FROM AN AIRPORT DESIGNATED BY ATC USING STANDARD ATC PROCEDURES AND ROUTES; B) THE AIRCRAFT OPERATION IS BEING CONDUCTED FOR OPERATIONAL, SAFETY, OR SECURITY PURPOSES SUPPORTING THE QUALIFYING EVENT, AND IS AUTHORIZED BY AN AIRSPACE SECURITY WAIVER APPROVED BY THE FAA; C) THE AIRCRAFT OPERATION IS ENABLING BROADCAST COVERAGE FOR THE BROADCAST RIGHTS HOLDER FOR THE QUALIFYING EVENT, AND IS AUTHORIZED BY AN AIRSPACE SECURITY WAIVER APPROVED BY THE FAA; SPECIAL SECURITY INSTRUCTIONS FOR SELECT D) THE AIRCRAFT OPERATION HAS BEEN AUTHORIZED BY ATC FOR NATIONAL SECURITY, HOMELAND SECURITY, LAW ENFORCEMENT, OR AIR AMBULANCE PURPOSES; PILOTS OPERATING IN THE DEFINED AIRSPACE ARE REMINDED THAT AN FAA AIRSPACE SECURITY WAIVER DOES NOT RELIEVE OPERATORS FROM OBTAINING ALL OTHER NECESSARY AUTHORIZATIONS, INCLUDING THOSE SPECIFIC TO FLIGHTS OVER EVENTS HELD IN STADIUMS AND OTHER SPORTING VENUES, AND COMPLYING WITH ALL APPLICABLE FEDERAL AVIATION REGULATIONS. PILOTS MUST CONTINUOUSLY SQUAWK AN ATCASSIGNED BEACON CODE

AND MAINTAIN 2WAY RADIO CONTACT WITH ATC WHILE OPERATING IN THE DEFINED AIRSPACE. ALL PREVIOUSLY ISSUED WAIVERS TO FDC NOTAM 4/3621 REMAIN VALID UNTIL THE SPECIFIED END DATE BUT NOT TO EXCEED 90 DAYS FOLLOWING THE EFFECTIVE DATE OF THIS NOTAM. INFORMATION ABOUT AIRSPACE SECURITY WAIVER APPLICATIONS AND TSA SECURITY AUTHORIZATIONS CAN BE FOUND AT [HTTP://WWW.TSA.GOV/STAKEHOLDERS/AIRSPACEWAIVERS](http://www.tsa.gov/stakeholders/airspacewaivers) OR BY CALLING TSA AT 5712272071. SUBMIT REQUESTS FOR FAA AIRSPACE WAIVERS AT [HTTPS://WAIVERS.FAA.GOV](https://waivers.faa.gov). 20 JUL 14:00 2017 UNTIL PERM. CREATED: 20 JUL 13:59 2017

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

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

!FDC 4/4386 FDC SPECIAL NOTICE... NATIONAL AIRSPACE SYSTEM INTERCEPT PROCEDURES. AVIATORS SHALL REVIEW THE FEDERAL AVIATION ADMINISTRATION AERONAUTICAL INFORMATION MANUAL (AIM) FOR INTERCEPTION PROCEDURES, CHAPTER 5, SECTION 6, PARAGRAPH 562. ALL AIRCRAFT OPERATING IN UNITED STATES NATIONAL AIRSPACE, IF CAPABLE, SHALL MAINTAIN A LISTENING WATCH ON VHF GUARD 121.5 OR UHF 243.0. IF AN AIRCRAFT IS INTERCEPTED BY U.S. MILITARY AIRCRAFT AND FLARES ARE DISPENSED, THE FOLLOWING PROCEDURES ARE TO BE FOLLOWED: FOLLOW THE INTERCEPT'S VISUAL SIGNALS, CONTACT AIR TRAFFIC CONTROL IMMEDIATELY ON THE LOCAL FREQUENCY OR ON VHF GUARD 121.5 OR UHF GUARD 243.0, AND COMPLY WITH THE INSTRUCTIONS GIVEN BY THE INTERCEPTING AIRCRAFT INCLUDING VISUAL SIGNALS IF UNABLE RADIO CONTACT. BE ADVISED THAT NONCOMPLIANCE MAY RESULT IN THE USE OF FORCE. WIE UNTIL UFN. CREATED: 19 MAY 14:12 2004

!FDC 2/2422 FDC SPECIAL ADVISORY NOTICE. A WARNING SIGNAL FOR COMMUNICATING WITH AIRCRAFT IS DEPLOYED AND IS OPERATING WITHIN THE WASHINGTON DC SPECIAL FLIGHT RULES AREA (SFRA), INCLUDING THE FLIGHT RESTRICTED ZONE (FRZ). THE SIGNAL CONSISTS OF HIGHLY FOCUSED RED AND GREEN COLORED LIGHTS IN AN ALTERNATING RED/RED/GREEN SIGNAL PATTERN. THIS SIGNAL MAY BE DIRECTED AT

SPECIFIC AIRCRAFT SUSPECTED OF MAKING UNAUTHORIZED ENTRY INTO THE SFRA/FRZ AND ARE ON A HEADING OR FLIGHT PATH THAT MAY BE INTERPRETED AS A THREAT OR AT THE REQUEST OF THE FAA. THE BEAM IS NOT INJURIOUS TO THE EYES OF PILOTS/AIRCROWS OR PASSENGERS, REGARDLESS OF ALTITUDE OR DISTANCE FROM THE SOURCE. IF YOU ARE IN COMMUNICATION WITH AIR TRAFFIC CONTROL AND THIS SIGNAL IS DIRECTED AT YOUR AIRCRAFT, WE ADVISE YOU TO IMMEDIATELY COMMUNICATE WITH ATC THAT YOU ARE BEING ILLUMINATED BY A VISUAL WARNING SIGNAL. IF THIS SIGNAL IS DIRECTED AT YOU AND YOU ARE NOT COMMUNICATING WITH ATC, WE ADVISE YOU TO TURN TO A HEADING AWAY FROM THE CENTER OF THE FRZ/SFRA AS SOON AS POSSIBLE AND IMMEDIATELY CONTACT ATC ON AN APPROPRIATE FREQUENCY, OR IF UNSURE OF THE FREQUENCY, CONTACT ATC ON VHF GUARD 121.5 OR UHF GUARD 243.0. BE ADVISED THAT FAILURE TO FOLLOW THE RECOMMENDED PROCEDURES OUTLINED ABOVE MAY RESULT IN INTERCEPTION BY MILITARY AIRCRAFT AND/OR THE USE OF FORCE. THIS NOTICE ONLY APPLIES TO VFR AIRCRAFT OPERATING WITHIN THE SFRA/FRZ, INCLUDING DOD, LAW ENFORCEMENT, AND AEROMEDICAL OPERATIONS. THIS NOTICE DOES NOT CHANGE PROCEDURES ESTABLISHED FOR REPORTING UNAUTHORIZED LASER ILLUMINATION AS PUBLISHED IN ADVISORY CIRCULAR 702. "THIS SIGNAL MAY BE DIRECTED AT SPECIFIC AIRCRAFT SUSPECTED OF MAKING UNAUTHORIZED ENTRY INTO THE SFRA/FRZ AND ARE ON A HEADING OR FLIGHT PATH THAT MAY BE INTERPRETED AS A THREAT OR THAT OPERATE CONTRARY TO THE OPERATING RULES FOR THE SFRA/FRZ". WIE UNTIL UFN. CREATED: 13 JAN 16:38 2012

IFDC 8/2435 FDC ... SPECIAL NOTICE ... PILOTS ARE REMINDED THAT THERE ARE INCREASED SECURITY MEASURES IN PLACE FOR AIRCRAFT ENTERING DOMESTIC AIRSPACE, INCLUDING THOSE ENTERING FLORIDA COASTAL WATERS. ALL PILOTS OF VFR AIRCRAFT ARE REQUIRED TO FILE A DEFENSE VISUAL FLIGHT RULES (DVFR) FLIGHT PLAN PRIOR TO ENTRY INTO THE AIR DEFENSE IDENTIFICATION ZONE(ADIZ)IN ACCORDANCE WITH CFR 99 TITLE 14 CHAPTER 1 PART 99 SECURITY CONTROL OF AIR TRAFFIC, SECTIONS 99.1 THROUGH 99.49. THE PILOT MUST ACTIVATE THE DVFR FLIGHT PLAN WITH U.S. FLIGHT SERVICE AND SET THE AIRCRAFT TRANSPONDER TO THE ASSIGNED DISCRETE BEACON CODE PRIOR TO ENTERING THE ADIZ. FAILURE TO COMPLY WITH ALL DVFR PROCEDURES MAY RESULT IN THE AIRCRAFT BEING INTERCEPTED BY DEPARTMENT OF DEFENSE AIRCRAFT. WIE UNTIL UFN. CREATED: 13 JUN 18:28 2008

All International NOTAMs

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

KICZ 17/A0029 KICZ 20171214115500 20200107235900 Security..United states of America flight prohibition against certain flights IN specified areas of the Sanaa (OYSC) flight information region (FIR) 14 CFR 91.1611 Special federal aviation regulation (SFAR) no. 115 Prohibition against certain flights IN specified areas of the Sanaa (OYSC) flight information region (FIR) was published IN the federal register on 14 December 2017 and was effective immediately. Additional information IS provided at:

[https://WWW.FAA.Governor/AIR\\_TRAFFIC/publications/US\\_RESTRICTIONS/](https://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/). Surface - unlimited, 14 December 11:55 2017 until 07 January 23:59 2020. Created: 14 December 11:52 2017

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

#### All Military NOTAMs

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

!KSZL 17/M1019 Whiteman Air Force Base, Knob Noster, MO (KSZL) Taxi-lane NOVEMBER closed from M1-M3 for spall repair. Sunshades M1-M3 and N1-N2 are tow IN and tow out only. 04 December 21:55 2017 until 20 December 23:59 2017. Created: 04 December 21:55 2017

!KSZL 17/M1007 Whiteman Air Force Base, Knob Noster, MO (KSZL) Obstruction light outages: 01 localizer, midfield fuel tanks, northern LOUD speaker pole at contractor road and N row Sunday shades. 30 November 13:14 2017 until 16 February 23:59 2018. Created: 30 November 13:14 2017

!KSZL 17/M1006 Whiteman Air Force Base, Knob Noster, MO (KSZL) Taxiway taxilane F closed abeam ROMEO 2 to hardstand 5. 30 November 12:31 2017 until 27 February 23:59 2018. Created: 30 November 12:31 2017

!KSZL 17/M1001 Whiteman Air Force Base, Knob Noster, MO (KSZL) B52 operations require coordination with AMOPS. B52 runway access limited to taxiway D. 22 November 21:02 2017 until 26 January 23:59 2018. Created: 22 November 21:02 2017

!KSZL 17/M0950 Whiteman Air Force Base, Knob Noster, MO (KSZL) B2 operations limited on HARDSTANDS 5 and 6. Aircraft must be facing west at all times if engines are running. Aircraft must be towed out of spots. 07 November 15:05 2017 until 01 February 23:59 2018. Created: 07 November 15:05 2017

!KSZL 17/M0949 Whiteman Air Force Base, Knob Noster, MO (KSZL) North ramp north of A-10 hot pitting area closed. North entrance of north ramp closed. 442 Aircraft utilize south entrance of north ramp for access. Open to 442 aircraft only. 07 November 15:02 2017 until 01 February 23:59 2018. Created: 07 November 15:02 2017

!KSZL 17/M0947 Whiteman Air Force Base, Knob Noster, MO (KSZL) Aerodrome hours of service: Monday 0700 L to Friday 2300 L. Saturday and Sunday 0800 L to 1700 L. 04 November 18:24 2017 until 01 February 23:59 2018. Created: 04 November 18:24 2017

!KSZL 17/M0936 Whiteman Air Force Base, Knob Noster, MO (KSZL) Aerodrome FOXTROT - ECHO transition open to T38 and A10 use. B2 aircraft utilize temporary transition line. Transient aircraft with wingspan greater than 65 feet utilize taxi-lane ECHO. 03 November 13:35 2017 until 31 January 23:59 2018. Created: 03 November 13:35 2017

!KSZL 17/M0917 Whiteman Air Force Base, Knob Noster, MO (KSZL) No-NOTAM PMI'S will be conducted for TACAN at 0600Z to 1200Z (0100-0700L) on MONDAYS; ILS at 0600Z to 1200Z (0100-0700L) on Tuesdays and THURSDAYS; DASR at 0600Z to 1200Z (0100-0700L) on MONDAYS and Tuesdays. 27 October 02:30 2017 until 24 January 23:59 2018. Created: 27 October 02:30 2017

!KSZL 17/M0885 Whiteman Air Force Base, Knob Noster, MO (KSZL) TACAN checkpoint sign at runway 01 approach end on taxiway DELTA has incorrect bearing reading. Sign reads bearing 002 but should read bearing 005. 19 October 19:54 2017 until 29 December 23:59 2017. Created: 19 October 19:54 2017

!KSZL 17/M0884 Whiteman Air Force Base, Knob Noster, MO (KSZL) TACAN checkpoint sign on TXWY CHARLIE west has incorrect bearing reading. Sign reads bearing 001 but should read bearing 004. 19 October 19:54 2017 until 29 December 23:59 2017. Created: 19 October 19:54 2017

!KSCH 17/V0013 NSDM [FOR LC-130 operations ONLY]PRESSURE altimeter update (PAU) procedure IS required IAW 11-2C-130V3\_ADDD. 08 December 06:25 2017 until 31 January 23:59 2018. Created: 08 December 06:24 2017

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

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

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

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

until 31 January 23:59 2018. Created: 08 December 06:46 2017

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

!KSCH 17/M0062 NWSD [FOR LC-130 operations ONLY]PRESSURE altimeter update (PAU) procedure IS not required IAW 11-2C-130V3\_ADDD. 08 December 06:25 2017 until 31 January 23:59 2018. Created: 08 December 06:25 2017

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

Flow Control

Advisory ID: 018

Affected Location: None

Reporting ARTCC: DCC

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

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

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

342090

FVXX21 KNES 150651 WSI UKS:150653

VA ADVISORY

DTG: 20171215/0651Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090

PSN: N1428 W09052

AREA: GUATEMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/356

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: CONT VA EMS OBS IN STLT IMAGERY

OBS VA DTG: 15/0615Z

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



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

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

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

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

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

Advisory ID: 017  
Affected Location: None  
Reporting ARTCC: DCC  
Advisory Effective Start Time: Fri Dec 15 06:51:00 UTC 2017  
Advisory Effective End Time: Sun Dec 17 12:15:00 UTC 2017  
Advisory Text: ATCSCC ADVZY 017 DCC 12/15/2017 VOLCANIC ACTIVITY BULLETIN -  
FUEGO  
342090  
FVXX21 KNES 150651 WSI DDS:150652  
VA ADVISORY  
DTG: 20171215/0651Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090  
PSN: N1428 W09052

AREA: GUATEMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/356

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: CONT VA EMS OBS IN STLT IMAGERY

OBS VA DTG: 15/0615Z

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

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

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

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

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

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

Advisory ID: 019

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Fri Dec 15 08:48:00 UTC 2017

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

Advisory Text: ATCSCC ADVZY 019 DCC 12/15/2017 VOLCANIC ACTIVITY BULLETIN -  
REVENTADOR 352010

FVXX22 KNES 150848 WSI DDS:150850

VA ADVISORY

DTG: 20171215/0848Z

VAAC: WASHINGTON

VOLCANO: REVENTADOR 352010

PSN: S0004 W07739

AREA: ECUADOR

SUMMIT ELEV: 11686 FT (3562 M)

ADVISORY NR: 2017/773

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: CONT VA EMS

OBS VA DTG: 15/0815Z

OBS VA CLD: SFC/FL150 N0019 W07822 - S0003 W07740  
- S0004 W07740 - S0022 W07822 - N0019 W07822 MOV  
W 10KT

FCST VA CLD +6HR: 15/1430Z SFC/FL150 N0015 W07823  
- S0004 W07738 - S0004 W07740 - S0024 W07824 -  
N0015 W07823

FCST VA CLD +12HR: 15/2030Z SFC/FL150 N0017  
W07823 - S0003 W07740 - S0005 W07740 - S0024  
W07822 - N0017 W07823

FCST VA CLD +18HR: 16/0230Z SFC/FL150 N0018  
W07823 - S0002 W07738 - S0005 W07738 - S0023  
W07823 - N0018 W07823

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

NXT ADVISORY: WILL BE ISSUED BY 20171215/1445Z  
1712150848-1712151445

Advisory ID: 020

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Fri Dec 15 08:48:00 UTC 2017

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

Advisory Text: ATCSCC ADVZY 020 DCC 12/15/2017 VOLCANIC ACTIVITY BULLETIN -  
REVENTADOR 352010

FVXX22 KNES 150848 WSI UKS:150853

VA ADVISORY

DTG: 20171215/0848Z

VAAC: WASHINGTON

VOLCANO: REVENTADOR 352010

PSN: S0004 W07739

AREA: ECUADOR

SUMMIT ELEV: 11686 FT (3562 M)

ADVISORY NR: 2017/773

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: CONT VA EMS

OBS VA DTG: 15/0815Z

OBS VA CLD: SFC/FL150 N0019 W07822 - S0003 W07740  
- S0004 W07740 - S0022 W07822 - N0019 W07822 MOV  
W 10KT

FCST VA CLD +6HR: 15/1430Z SFC/FL150 N0015 W07823  
- S0004 W07738 - S0004 W07740 - S0024 W07824 -  
N0015 W07823

FCST VA CLD +12HR: 15/2030Z SFC/FL150 N0017  
W07823 - S0003 W07740 - S0005 W07740 - S0024  
W07822 - N0017 W07823

FCST VA CLD +18HR: 16/0230Z SFC/FL150 N0018  
W07823 - S0002 W07738 - S0005 W07738 - S0023  
W07823 - N0018 W07823

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

NXT ADVISORY: WILL BE ISSUED BY 20171215/1445Z  
1712150848-1712151445

Advisory ID: 022

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Fri Dec 15 11:54:00 UTC 2017

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

Advisory Text: ATCSCC ADVZY 022 DCC 12/15/2017 VOLCANIC ACTIVITY BULLETIN -  
KARYMSKY

300130

FVFE01 RJTD 151150 WSI UKS:151151

VA ADVISORY

DTG: 20171215/1150Z

VAAC: TOKYO

VOLCANO: KARYMSKY 300130  
PSN: N5403 E15927  
AREA: RUSSIA  
SUMMIT ELEV: 1513M  
ADVISORY NR: 2017/134  
INFO SOURCE: HIMAWARI-8  
AVIATION COLOUR CODE: NIL  
ERUPTION DETAILS: VA DISSIPATED ON SATELLITE IMAGERY  
OBS VA DTG: 15/1120Z  
OBS VA CLD: VA NOT IDENTIFIABLE FM SATELLITE DATA WIND FL180  
240/10KT

FCST VA CLD +6 HR: NO VA EXP  
FCST VA CLD +12 HR: NO VA EXP  
FCST VA CLD +18 HR: NO VA EXP  
RMK: NIL  
NXT ADVISORY: NO FURTHER ADVISORIES  
1712151154-1712151800

Advisory ID: 024  
Affected Location: None  
Reporting ARTCC: DCC  
Advisory Effective Start Time: Fri Dec 15 12:23:00 UTC 2017  
Advisory Effective End Time: Sun Dec 17 12:15:00 UTC 2017  
Advisory Text: ATCSCC ADVZY 024 DCC 12/15/2017 VOLCANIC ACTIVITY BULLETIN -  
FUEGO  
342090  
FVXX21 KNES 151219 WSI DDS:151220  
VA ADVISORY  
DTG: 20171215/1219Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090  
PSN: N1428 W09052

AREA: GUATEMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/358

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: CONT VA EMS OBS IN STLT IMAGERY

OBS VA DTG: 15/1145Z

OBS VA CLD: SFC/FL180 N1547 W09159 - N1430 W09052  
- N1428 W09053 - N1501 W09234 - N1547 W09159 MOV  
NW 15-20KT

FCST VA CLD +6HR: 15/1800Z SFC/FL180 N1537 W09213  
- N1430 W09052 - N1428 W09053 - N1436 W09236 -  
N1537 W09213

FCST VA CLD +12HR: 16/0000Z SFC/FL180 N1539  
W09211 - N1430 W09052 - N1428 W09053 - N1440  
W09238 - N1539 W09211

FCST VA CLD +18HR: 16/0600Z SFC/FL180 N1538  
W09213 - N1430 W09052 - N1428 W09053 - N1437  
W09237 - N1538 W09213

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

NXT ADVISORY: WILL BE ISSUED BY 20171215/1815Z  
1712151223-1712151815

Advisory ID: 025

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Fri Dec 15 12:25:00 UTC 2017

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

Advisory Text: ATCSCC ADVZY 025 DCC 12/15/2017 VOLCANIC ACTIVITY BULLETIN -  
FUEGO

342090

FVXX21 KNES 151219 WSI UKS:151222

VA ADVISORY

DTG: 20171215/1219Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090

PSN: N1428 W09052

AREA: GUATEMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/358

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: CONT VA EMS OBS IN STLT IMAGERY

OBS VA DTG: 15/1145Z

OBS VA CLD: SFC/FL180 N1547 W09159 - N1430 W09052  
- N1428 W09053 - N1501 W09234 - N1547 W09159 MOV  
NW 15-20KT

FCST VA CLD +6HR: 15/1800Z SFC/FL180 N1537 W09213  
- N1430 W09052 - N1428 W09053 - N1436 W09236 -  
N1537 W09213

FCST VA CLD +12HR: 16/0000Z SFC/FL180 N1539  
W09211 - N1430 W09052 - N1428 W09053 - N1440  
W09238 - N1539 W09211

FCST VA CLD +18HR: 16/0600Z SFC/FL180 N1538  
W09213 - N1430 W09052 - N1428 W09053 - N1437  
W09237 - N1538 W09213

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

NXT ADVISORY: WILL BE ISSUED BY 20171215/1815Z  
1712151225-1712151815

Advisory ID: 038

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Fri Dec 15 14:52:00 UTC 2017

Advisory Effective End Time: Wed Dec 20 17:12:00 UTC 2017

Advisory Text: ATCSCC ADVZY 038 DCC 12/15/2017 VOLCANIC ACTIVITY BULLETIN -  
REVENTADOR 352010

FVXX22 KNES 151450 WSI DDS:151451

VA ADVISORY

DTG: 20171215/1450Z

VAAC: WASHINGTON

VOLCANO: REVENTADOR 352010

PSN: S0004 W07739

AREA: ECUADOR

SUMMIT ELEV: 11686 FT (3562 M)

ADVISORY NR: 2017/774

INFO SOURCE: GOES-EAST. NWP MODELS. GEOPHYSICAL  
INST.

ERUPTION DETAILS: ONGOING EM

OBS VA DTG: 15/1415Z

OBS VA CLD: VA NOT IDENTIFIABLE FROM SATELLITE  
DATA WINDS SFC/FL150 090/10KT

FCST VA CLD +6HR: 15/2030Z

FCST VA CLD +12HR: 16/0230Z

FCST VA CLD +18HR: 16/0830Z

RMK: VA NOT OBS IN STLT DUE TO CLOUDS.  
GEOPHYSICAL INSTITUTE INDICATES EM CONTINUE.  
...RUMINSKI

NXT ADVISORY: WILL BE ISSUED BY 20171215/2045Z

201712151452-201712152045

Advisory ID: 050

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Fri Dec 15 18:00:00 UTC 2017

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

Advisory Text: ATCSCC ADVZY 050 DCC 12/15/2017 VOLCANIC ACTIVITY BULLETIN -  
FUEGO

342090

FVXX21 KNES 151800 WSI DDS:151801

VA ADVISORY

DTG: 20171215/1800Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090



PSN: N1428 W09052

AREA: GUATEMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/359

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: SEVERAL HOUR ERUPTION ENDING  
AROUND 1600Z

OBS VA DTG: 15/1715Z

OBS VA CLD: SFC/FL180 N1610 W09234 - N1609 W09211  
- N1440 W09113 - N1429 W09116 - N1456 W09200 -  
N1610 W09234 MOV NW 15KT

FCST VA CLD +6HR: 15/2330Z SFC/FL180 NO ASH EXP

FCST VA CLD +12HR: 16/0530Z NO ASH EXP

FCST VA CLD +18HR: 16/1130Z NO ASH EXP

RMK: EM FROM THE VOLCANO ENDED AROUND 16Z.  
LEADING EDGE OF REMNANT VA HAS MOV INTO EXTREME S  
MEXICO. EXPECT ALL OF THE VA TO DISP IN NEXT  
COUPLE OF HRS. ...RUMINSKI

NXT ADVISORY: WILL BE ISSUED BY 20171216/0000Z  
1712151800-1712152359

Advisory ID: 051

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Fri Dec 15 18:00:00 UTC 2017

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

Advisory Text: ATCSCC ADVZY 051 DCC 12/15/2017 VOLCANIC ACTIVITY BULLETIN -  
FUEGO

342090

FVXX21 KNES 151800 WSI UKS:151803

VA ADVISORY

DTG: 20171215/1800Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090  
PSN: N1428 W09052

AREA: GUATEMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/359

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: SEVERAL HOUR ERUPTION ENDING  
AROUND 1600Z

OBS VA DTG: 15/1715Z

OBS VA CLD: SFC/FL180 N1610 W09234 - N1609 W09211  
- N1440 W09113 - N1429 W09116 - N1456 W09200 -  
N1610 W09234 MOV NW 15KT

FCST VA CLD +6HR: 15/2330Z SFC/FL180 NO ASH EXP

FCST VA CLD +12HR: 16/0530Z NO ASH EXP

FCST VA CLD +18HR: 16/1130Z NO ASH EXP

RMK: EM FROM THE VOLCANO ENDED AROUND 16Z.  
LEADING EDGE OF REMNANT VA HAS MOV INTO EXTREME S  
MEXICO. EXPECT ALL OF THE VA TO DISP IN NEXT  
COUPLE OF HRS. ...RUMINSKI

NXT ADVISORY: WILL BE ISSUED BY 20171216/0000Z  
1712151800-1712152359

Advisory ID: 056

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Fri Dec 15 20:37:00 UTC 2017

Advisory Effective End Time: Fri Jan 12 16:02:00 UTC 2018

Advisory Text: ATCSCC ADVZY 056 DCC 12/15/2017 VOLCANIC ACTIVITY BULLETIN -  
REVENTADOR 352010

FVXX22 KNES 152037 WSI DDS:152039

VA ADVISORY

DTG: 20171215/2037Z

VAAC: WASHINGTON

VOLCANO: REVENTADOR 352010

PSN: S0004 W07739

AREA: ECUADOR

SUMMIT ELEV: 11686 FT (3562 M)

ADVISORY NR: 2017/775

INFO SOURCE: GOES-EAST.

ERUPTION DETAILS: VA HAS DISP.

OBS VA DTG: 15/2015Z

OBS VA CLD: VA NOT IDENTIFIABLE FROM SATELLITE  
DATA.

FCST VA CLD +6HR: NO VA EXP

FCST VA CLD +12HR: NO VA EXP

FCST VA CLD +18HR: NO VA EXP

RMK: VA HAS DISP. NO FURTHER EM OBS. ...ZHU

NXT ADVISORY: NO FURTHER ADVISORIES

12152037-12160237

Advisory ID: 057

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Fri Dec 15 20:37:00 UTC 2017

Advisory Effective End Time: Fri Jan 12 16:02:00 UTC 2018

Advisory Text: ATCSCC ADVZY 057 DCC 12/15/2017 VOLCANIC ACTIVITY BULLETIN -  
REVENTADOR 352010

FVXX22 KNES 152037 WSI UKS:152040

VA ADVISORY

DTG: 20171215/2037Z

VAAC: WASHINGTON

VOLCANO: REVENTADOR 352010

PSN: S0004 W07739

AREA: ECUADOR

SUMMIT ELEV: 11686 FT (3562 M)

ADVISORY NR: 2017/775

INFO SOURCE: GOES-EAST.

ERUPTION DETAILS: VA HAS DISP.

OBS VA DTG: 15/2015Z

OBS VA CLD: VA NOT IDENTIFIABLE FROM SATELLITE  
DATA.

FCST VA CLD +6HR: NO VA EXP

FCST VA CLD +12HR: NO VA EXP

FCST VA CLD +18HR: NO VA EXP

RMK: VA HAS DISP. NO FURTHER EM OBS. ...ZHU

NXT ADVISORY: NO FURTHER ADVISORIES  
12152037-12160237

Advisory ID: 011

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Sat Dec 16 02:23:00 UTC 2017

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

Advisory Text: ATCSCC ADVZY 011 DCC 12/16/17 FCA RQD

NAME: FCAMUN:MMUN\_ROUTES

CONSTRAINED AREA: ZHU

REASON: VOLUME

INCLUDE TRAFFIC: UNKN DEPARTURES TO MMUN

FACILITIES INCLUDED: ALL + CANADA

FLIGHT STATUS: ALL\_FLIGHTS

VALID: FCA ENTRY TIME FROM 161500 TO 170000

PROBABILITY OF EXTENSION: NONE

REMARKS: SEE DYNAMIC LIST FOR UPDATES. \*\*NOTE: THERE ARE MULTIPLE  
ROUTE OPTIONS. THESE ROUTES ARE REQUIRED FOR FLIGHTS  
DESTINED CANCUN THAT INTEND TO CROSS FCAMUN. PLEASE  
ENSURE ACFT ARE ON RQD ROUTE PRIOR TO ZHU BOUNDARY DUE TO  
NON RADAR PROCEDURES AND AUTOMATION WITH MERIDA ACC. ACFT

FILING AROUND THE FCAMUN ARE EXEMPT\*\*

ASSOCIATED RESTRICTIONS: 20 MIT REQUESTED

MODIFICATIONS: \*\*L214 IS NOT AVAILABLE TO MMUN ARRIVALS SOUTH OF  
NUDIS. MMUN TRAFFIC VIA L214 AND M215 MUST FILE NUDIS  
M215 IGT0B A766 MUXOG CUN MMUN. A766 IS NOT AVAILABLE  
NORTH OF IGT0B WHEN FILING TO MMUN DUE TO SECTOR  
COMPLEXITY ISSUES IN ZMR.\*\*

ROUTES:

ORIG DEST ROUTE

-----

UNKN MMUN >TAY KNOT M215 PISAD UM215

NUDIS UM215 IGT0B A766

MUXOG VITAR CUN<

UNKN MMUN >PLYER KNOT M215 PISAD

UM215 NUDIS UM215 IGT0B

A766 MUXOG VITAR CUN<

UNKN MMUN >LEV L214 IRDOV UL214 NUDIS

UM215 IGT0B A766 MUXOG

VITAR CUN<

UNKN MMUN >SBI L208 DUTNA UL208 URTEL

MOBAN CUN<

UNKN MMUN >VUH L207 IPSEV UL207 LERIL

MOBAN CUN<

UNKN MMUN >BRO ABBOT UT11 CUN<

UNKN MMUN >MARCI M580 MINOW M215

PISAD UM215 NUDIS UM215

IGT0B A766 MUXOG VITAR CUN<

UNKN MMUN >PIE KARTR FIS CANOA VINKA

NOSAT CUN<

UNKN MMUN >ILM AR17 VKZ MTH B646

CANOA VINKA NOSAT CUN<

TMI ID: RRDCC011

160223-170000

17/12/16 02:23 DCCOPS.lxstn21

Advisory ID: 014

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Sat Dec 16 02:41:00 UTC 2017

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

Advisory Text: ATCSCC ADVZY 014 DCC 12/16/17 FCA RQD

NAME: FCAMUN:MMUN\_ROUTES

CONSTRAINED AREA: ZHU

REASON: VOLUME  
INCLUDE TRAFFIC: UNKN DEPARTURES TO MMUN  
FACILITIES INCLUDED: ALL + CANADA  
FLIGHT STATUS: ALL\_FLIGHTS  
VALID: FCA ENTRY TIME FROM 161500 TO 170000  
PROBABILITY OF EXTENSION: NONE  
REMARKS: \*\*REPLACES ADVZY 011\*\*

SEE DYNAMIC LIST FOR UPDATES.

\*\*NOTE: THERE ARE MULTIPLE ROUTE OPTIONS. THESE ROUTES ARE  
REQUIRED FOR FLIGHTS DESTINED CANCUN THAT INTEND TO CROSS  
FCAMUN. PLEASE ENSURE ACFT ARE ON RQD ROUTE PRIOR TO ZHU  
BOUNDARY DUE TO NON RADAR PROCEDURES AND AUTOMATION WITH  
MERIDA ACC. ACFT FILING AROUND THE FCAMUN ARE EXEMPT\*\*  
ASSOCIATED RESTRICTIONS: 20 MIT REQUESTED  
MODIFICATIONS: \*\*AMENDED NOTES\*\*

\*\*L214 IS NOT AVAILABLE TO MMUN ARRIVALS SOUTH OF  
NUDIS. MMUN TRAFFIC VIA L214 AND M215 MUST FILE NUDIS  
M215 IGT0B A766 MUXOG VITAR CUN MMUN. A766 IS NOT  
AVAILABLE NORTH OF IGT0B WHEN FILING TO MMUN DUE TO  
SECTOR COMPLEXITY ISSUES IN ZMR.\*\*

ROUTES:

ORIG DEST ROUTE

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UNKN MMUN >TAY KNOT M215 PISAD UM215  
NUDIS UM215 IGT0B A766  
MUXOG VITAR CUN<  
UNKN MMUN >PLYER KNOT M215 PISAD  
UM215 NUDIS UM215 IGT0B  
A766 MUXOG VITAR CUN<  
UNKN MMUN >LEV L214 IRDOV UL214 NUDIS  
UM215 IGT0B A766 MUXOG  
VITAR CUN<  
UNKN MMUN >SBI L208 DUTNA UL208 URTEL  
MOBAN CUN<  
UNKN MMUN >VUH L207 IPSEV UL207 LERIL  
MOBAN CUN<  
UNKN MMUN >BRO ABBOT UT11 CUN<  
UNKN MMUN >MARCI M580 MINOW M215  
PISAD UM215 NUDIS UM215  
IGT0B A766 MUXOG VITAR CUN<  
UNKN MMUN >PIE KARTR FIS CANOA VINKA  
NOSAT CUN<  
UNKN MMUN >ILM AR17 VKZ MTH B646

CANOA VINKA NOSAT CUN<

TMI ID: RRDCC011  
160241-170000  
17/12/16 02:41 DCCOPS.lxstn21

Advisory ID: 023  
Affected Location: None  
Reporting ARTCC: DCC  
Advisory Effective Start Time: Sat Dec 16 05:45:00 UTC 2017  
Advisory Effective End Time: Sun Dec 17 12:16:00 UTC 2017  
Advisory Text: ATCSCC ADVZY 023 DCC 12/16/2017 VOLCANIC ACTIVITY BULLETIN -  
FUEGO  
342090  
FVXX21 KNES 160541 WSI UKS:160548  
VA ADVISORY  
DTG: 20171216/0541Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090  
PSN: N1428 W09052

AREA: GUATEMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/361

INFO SOURCE: GOES-EAST. 557TH WW.

ERUPTION DETAILS: VA EMS OBS

OBS VA DTG: 16/0515Z

OBS VA CLD: SFC/FL180 N1511 W09150 - N1429 W09052  
- N1427 W09053 - N1437 W09205 - N1511 W09150 MOV  
NW 20-25KT

FCST VA CLD +6HR: 16/1130Z SFC/FL180 N1514 W09144  
- N1431 W09052 - N1428 W09053 - N1442 W09207 -  
N1514 W09144

FCST VA CLD +12HR: 16/1730Z SFC/FL180 N1517  
W09137 - N1431 W09053 - N1428 W09054 - N1446

W09208 - N1517 W09137

FCST VA CLD +18HR: 16/2330Z SFC/FL180 N1517  
W09132 - N1430 W09051 - N1429 W09052 - N1450  
W09207 - N1517 W09132

RMK: NEW VA EMS OBS MOV NW IN STLT IMAGERY. NWP  
GUIDANCE SUGGEST CONT MOV NW THROUGHOUT +18.  
...FISHER

NXT ADVISORY: WILL BE ISSUED BY 20171216/1145Z  
1712160545-1712161145

Advisory ID: 022  
Affected Location: None  
Reporting ARTCC: DCC  
Advisory Effective Start Time: Sat Dec 16 05:45:00 UTC 2017  
Advisory Effective End Time: Sun Dec 17 12:16:00 UTC 2017  
Advisory Text: ATCSCC ADVZY 022 DCC 12/16/2017 VOLCANIC ACTIVITY BULLETIN -  
FUEGO  
342090  
FVXX21 KNES 160541 WSI DDS:160543  
VA ADVISORY  
DTG: 20171216/0541Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090  
PSN: N1428 W09052

AREA: GUATEMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/361

INFO SOURCE: GOES-EAST. 557TH WW.

ERUPTION DETAILS: VA EMS OBS

OBS VA DTG: 16/0515Z

OBS VA CLD: SFC/FL180 N1511 W09150 - N1429 W09052  
- N1427 W09053 - N1437 W09205 - N1511 W09150 MOV  
NW 20-25KT



FCST VA CLD +6HR: 16/1130Z SFC/FL180 N1514 W09144  
- N1431 W09052 - N1428 W09053 - N1442 W09207 -  
N1514 W09144

FCST VA CLD +12HR: 16/1730Z SFC/FL180 N1517  
W09137 - N1431 W09053 - N1428 W09054 - N1446  
W09208 - N1517 W09137

FCST VA CLD +18HR: 16/2330Z SFC/FL180 N1517  
W09132 - N1430 W09051 - N1429 W09052 - N1450  
W09207 - N1517 W09132

RMK: NEW VA EMS OBS MOV NW IN STLT IMAGERY. NWP  
GUIDANCE SUGGEST CONT MOV NW THROUGHOUT +18.  
...FISHER

NXT ADVISORY: WILL BE ISSUED BY 20171216/1145Z  
1712160545-1712161145

Advisory ID: 032

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Sat Dec 16 12:11:00 UTC 2017

Advisory Effective End Time: Sun Dec 17 04:30:00 UTC 2017

Advisory Text: ATCSCC ADVZY 032 DCC 12/16/2017 TCA/HOTLINE ISSUE REQUEST  
PAGE ACTIVATION

EVENT TIME: 16/1210 - 17/0400

THE TCA/HOTLINE ISSUE REQUEST PAGE IS NOW OPEN. WEB PAGE  
USERS SHOULD SEND THEIR REQUEST MESSAGES TO THE PAGE FOR  
RESOLUTION.

PLEASE ENSURE ADEQUATE INFORMATION IS PROVIDED IN REQUESTS  
SUCH AS CATEGORY OF ISSUE, CALL SIGN, POSITION OF FLIGHT,  
TYPE OF ASSISTANCE REQUESTED, ETC TO ELIMINATE ANY  
MISINTERPRETATION.

161211-170430

17/12/16 12:11 DCCOPS.lxstn24

Advisory ID: 031

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Sat Dec 16 12:15:00 UTC 2017

Advisory Effective End Time: Sun Dec 17 02:15:00 UTC 2017

Advisory Text: ATCSCC ADVZY 031 DCC 12/16/2017 NOCC SCHEDULED FACILITY  
OUTAGES

EVENT TIME: 16/1215 - 17/0215

NOCC 12/16/17 SCHEDULED FACILITY OUTAGES.

HONOLULU, HI (HNL) RWY 08L (HNL) LOC/GS 17/0100-1600Z.

IF THERE ARE ANY QUESTIONS PLEASE CONTACT THE NOCC AT (540) 359-3110  
161215-170215  
161157-170215  
17/12/16 11:57 DCCOPS2.lxstn41

Advisory ID: 033  
Affected Location: None  
Reporting ARTCC: DCC  
Advisory Effective Start Time: Sat Dec 16 12:25:00 UTC 2017  
Advisory Effective End Time: Sun Dec 17 12:16:00 UTC 2017  
Advisory Text: ATCSCC ADVZY 033 DCC 12/16/2017 VOLCANIC ACTIVITY BULLETIN -  
KLYUCHEVSKOY 300260  
FVFE01 RJTD 161225 WSI UKS:161227  
VA ADVISORY  
DTG: 20171216/1225Z  
VAAC: TOKYO  
VOLCANO: KLYUCHEVSKOY 300260  
PSN: N5603 E16039  
AREA: RUSSIA  
SUMMIT ELEV: 4754M  
ADVISORY NR: 2017/394  
INFO SOURCE: HIMAWARI-8  
AVIATION COLOUR CODE: NIL  
ERUPTION DETAILS: POSS ERUPTION OBS AT 20171216/1110Z FL170 EXTD E  
OBS VA DTG: 16/1200Z  
OBS VA CLD: SFC/FL170 N5606 E16038 - N5620 E16048 - N5612 E16112 -  
N5603 E16104 - N5610 E16051 - N5604 E16042 MOV E 10KT  
FCST VA CLD +6 HR: 16/1800Z SFC/FL180 N5750 E16144 - N5649 E16301 -  
N5706 E16140 - N5649 E16103 - N5753 E16103  
FCST VA CLD +12 HR: 17/0000Z SFC/FL180 N5853 E16257 - N5745 E16519 -  
N5749 E16324 - N5843 E16210 - N5824 E16110 - N5844 E16051 - N5943  
E16311  
FCST VA CLD +18 HR: 17/0600Z SFC/FL170 N5950 E16530 - N5856 E16943 -  
N5848 E16556 - N5901 E16214 - N6033 E16417 - N6104 E16603  
RMK: NIL  
NXT ADVISORY: 20171216/1800Z  
1712161225-1712161800

Advisory ID: 036

Affected Location: None  
Reporting ARTCC: DCC  
Advisory Effective Start Time: Sat Dec 16 12:42:00 UTC 2017  
Advisory Effective End Time: Sun Dec 17 04:30:00 UTC 2017  
Advisory Text: ATCSCC ADVZY 036 DCC 12/16/17 FCA RQD  
NAME: FCAEWR:WIND\_ROUTE\_EWR  
CONSTRAINED AREA: ZNY  
REASON: VOLUME  
INCLUDE TRAFFIC: MSP/ZAB/ZDV/ZFW/ZHU/ZKC/ZLA/ZLC/ZME/ZMP/ZOA/ZSE  
DEPARTURES TO EWR  
FACILITIES INCLUDED: ZAB/ZAU/ZDV/ZFW/ZHU/ZID/ZKC/ZLA/ZLC/ZME/ZMP/ZNY  
/ZOA/ZOB/ZSE  
FLIGHT STATUS: ALL\_FLIGHTS  
VALID: FCA ENTRY TIME FROM 161700 TO 170430  
PROBABILITY OF EXTENSION: NONE  
REMARKS: SEE DYNAMIC LIST FOR UPDATES.  
ASSOCIATED RESTRICTIONS:  
MODIFICATIONS:  
ROUTES:

ORIG DEST ROUTE

---- ----

MSP EWR >ODI KG78K KG72M EVOTE  
NELLS KEEHO J584 SLT< FQM3  
ZAB ZDV ZKC ZLA EWR >SPI VHP ROD DORET J584  
ZLC ZMP ZOA ZSE SLT< FQM3  
ZAB ZDV ZKC ZLA EWR >KK45G KI51M ROD DORET J584  
ZLC ZMP ZOA ZSE SLT< FQM3  
ZAB ZDV ZKC ZLA EWR >BUM VHP ROD DORET J584  
ZLC ZMP ZOA ZSE SLT< FQM3  
ZAB ZDV ZKC ZLA EWR >DSM EVOTE NELLS KEEHO J584  
ZLC ZMP ZOA ZSE SLT< FQM3  
ZAB ZDV ZKC ZLA EWR >PXV ROD DORET J584 SLT<  
ZLC ZOA ZSE FQM3  
ZAB ZDV ZLA ZLC EWR >GEP ODI KG78K KG72M EVOTE  
ZOA ZSE NELLS KEEHO J584 SLT< FQM3  
ZFW ZHU ZME EWR >MEM Q29 DORET J584 SLT<  
FQM3

TMI ID: RRDCC036  
161242-170430  
17/12/16 12:42 DCCOPS.lxstn22

Advisory ID: 037  
Affected Location: None

Reporting ARTCC: DCC  
Advisory Effective Start Time: Sat Dec 16 12:43:00 UTC 2017  
Advisory Effective End Time: Sun Dec 17 02:30:00 UTC 2017  
Advisory Text: ATCSCC ADVZY 037 DCC 12/16/17 FCA RQD  
NAME: FCAJFK:WIND\_ROUTE\_JFK  
CONSTRAINED AREA: ZNY  
REASON: VOLUME  
INCLUDE TRAFFIC: MSP/ZAB/ZDV/ZFW/ZHU/ZKC/ZLA/ZLC/ZME/ZMP/ZOA/ZSE  
DEPARTURES TO JFK  
FACILITIES INCLUDED: ZAB/ZAU/ZDV/ZFW/ZHU/ZID/ZKC/ZLA/ZLC/ZME/ZMP/ZNY  
/ZOA/ZOB/ZSE  
FLIGHT STATUS: ALL\_FLIGHTS  
VALID: FCA ENTRY TIME FROM 161700 TO 170230  
PROBABILITY OF EXTENSION: NONE  
REMARKS: SEE DYNAMIC LIST FOR UPDATES.  
ASSOCIATED RESTRICTIONS:  
MODIFICATIONS:  
ROUTES:

ORIG DEST ROUTE

-----  
MSP JFK MSP >DLL HASTE DAFLU J70  
LVZ< LENDY6  
ZAB ZDV ZKC ZLA JFK >SPI VHP ROD DJB JHW J70  
ZLC ZMP ZOA ZSE LVZ< LENDY6  
ZAB ZDV ZKC ZLA JFK >KK54K KI570 ROD DJB JHW  
ZLC ZMP ZOA ZSE J70 LVZ< LENDY6  
ZAB ZDV ZKC ZLA JFK >PXV ROD DJB JHW J70 LVZ<  
ZLC ZOA ZSE LENDY6  
ZAB ZDV ZLA ZLC JFK >FOD KG75M DAFLU J70 LVZ<  
ZMP ZOA ZSE LENDY6  
ZFW ZHU ZME JFK >MEM Q29 JHW J70 LVZ<  
LENDY6  
ZLC ZOA ZSE JFK >GEP DLL HASTE DAFLU J70  
LVZ< LENDY6

TMI ID: RRDCC037  
161243-170230  
17/12/16 12:43 DCCOPS.lxstn22

Advisory ID: 039  
Affected Location: None  
Reporting ARTCC: DCC  
Advisory Effective Start Time: Sat Dec 16 13:45:00 UTC 2017  
Advisory Effective End Time: Sun Dec 17 13:59:00 UTC 2017

Advisory Text: ATCSCC ADVZY 039 DCC 12/16/2017 CARIBBEAN OUTLOOK\_FYI  
EVENT TIME: 16/1345 - 17/1344  
TERMINAL CONSTRAINTS:

NONE EXPECTED

ENROUTE CONSTRAINTS:

NONE EXPECTED

1. AFPs  
UNTIL 1959Z -FCAHU5  
UNTIL 2059Z -FCAHU7

2. ENROUTE TMI's

TMI's FOR TTZP DEPARTURES POSSIBLE AFTER 16Z

3. ROUTES

-MMUN\_ROUTES

4. ANSPs

TAPA/TLPC - RAMP VOLUME/CONGESTION POSSIBLE DUE TO INCREASED  
VOLUME RESULTING FROM THE HURRICANE SEASON.

NORMAL OPERATIONS, NO ISSUES.

TELCON PHONE NUMBER: (540) 359-3200 PIN 2316#  
NEXT PLANNING TELCON: 17/1315Z.  
161345-171359  
17/12/16 13:45 DCCOPS.lxstn21

Advisory ID: 040

Affected Location: DCC

Reporting ARTCC: ZBW

Advisory Effective Start Time: Sat Dec 16 14:13:00 UTC 2017

Advisory Effective End Time: Sun Dec 17 05:00:00 UTC 2017

Advisory Text: ATCSCC ADVZY 040 DCC/ZBW 12/16/2017 NATOTS\_RQD

EVENT TIME: 16/2100 - 17/0500

CONSTRAINED FACILITIES: ZBW

ZBW NORTH ATLANTIC ADVISORY FOR 12/16/17 2100Z - 12/17/17 0500Z

NOTE: CERTAIN TRACKS HAVE MORE THAN ONE OPTION. USERS MAY FILE  
EITHER OR BE TACTICALLY REROUTED.

-----  
JFK NORTH ATLANTIC DEPARTURES MUST FILE THE FOLLOWING ROUTES TO  
MINIMIZE DEPARTURE DELAYS:

TRACK P/ JFK..GREKI..JUDDS..MARTN..TAFFY.N559A.NEEKO.NATP  
TRACK Q/ JFK..GREKI..JUDDS..MARTN..TOPPS.N499A.RIKAL.NATQ  
TRACK R/ JFK..GREKI..JUDDS..MARTN..EBONY.N439A.TUDEP.NATR  
TRACK S/ JFK..MERIT..HFD..PUT..WITCH..ALLEX.N409A.UMESI.NATS  
TRACK S/ JFK..BETTE..ACK..ALLEX.N409A.UMESI.NATS  
TRACK T/ JFK..BETTE..ACK..TUSKY.N377A.ALLRY.NATT  
TRACK U/ JFK..BETTE..ACK..BRADD.N319A.ELSIR.NATU  
TRACK V/ JFK..HAPIE..YAHOO..KANNI.N253A.JOOPY.NATV  
TRACK W/ JFK..SHIPP..JETZZ..BLUUU..DUMPR..ISLES..DOVEY.NATW  
TRACK X/ JFK..SHIPP..JETZZ..BLUUU..DUMPR..ISLES..JOBOD.NATX  
TRACK Y/ JFK..SHIPP..JETZZ..BLUUU..DUMPR..ISLES..SLATN.NATY  
-----

EWR DEPARTURES MUST FILE:

TRACK P/ EWR..GREKI..JUDDS..MARTN..TAFFY  
TRACK Q/ EWR..GREKI..JUDDS..MARTN..TOPPS  
TRACK R/ EWR..GREKI..JUDDS..MARTN..EBONY  
TRACK S/ EWR..MERIT..HFD..PUT..WITCH..ALLEX  
TRACK T/ EWR..MERIT..HFD..PUT..BOS..TUSKY  
TRACK U/ EWR..MERIT..HFD..PUT..BOS..BRADD  
TRACK V/ EWR..MERIT..HFD..PUT..BOS..KANNI  
TRACK W/  
EWR..ELVAE..COL..DIXIE..PREPI..UNYAD..OWENZ..POPPN..ISLES..DOVEY  
TRACK X/  
EWR..ELVAE..COL..DIXIE..PREPI..UNYAD..OWENZ..POPPN..ISLES..JOBOD  
TRACK Y/  
EWR..ELVAE..COL..DIXIE..PREPI..UNYAD..OWENZ..POPPN..ISLES..SLATN  
-----

PHL DEPARTURES MUST FILE:

TRACK P/ PHL..DITCH.J225.JFK..PUT..TAFFY  
TRACK Q/ PHL..DITCH.J225.JFK..PUT..TOPPS  
TRACK R/ PHL..DITCH.J225.JFK..PUT..EBONY  
TRACK S/ PHL..DITCH.J225.JFK..PUT..WITCH..ALLEX  
TRACK T/ PHL..DITCH.V312.JIMEE..WAVEY..SHLEP..ACK..TUSKY  
TRACK U/ PHL..DITCH.V312.JIMEE..WAVEY..SHLEP..ACK..BRADD  
TRACK V/ PHL..DITCH.V312.JIMEE..WAVEY..SHLEP..YAHOO..KANNI  
TRACK W/ PHL..OOD..TEBEE..HAYDO..SIE.B24.LYNUS..DOVEY  
TRACK X/ PHL..OOD..TEBEE..HAYDO..SIE.B24.LYNUS..JOBOD

TRACK Y/ PHL..OOD..TEBEE..HAYDO..SIE.B24.LYNUS..SLATN

---

DC METRO DEPARTURES MUST FILE:

TRACK P/ SWANN..BROSS.J42.RBV..LLUND..BAYYS..PUT..TAFFY  
TRACK Q/ SWANN..BROSS.J42.RBV..LLUND..BAYYS..PUT..TOPPS  
TRACK R/ SWANN..BROSS.J42.RBV..LLUND..BAYYS..PUT..EBONY  
TRACK S/ SWANN..BROSS.J42.RBV..LLUND..BAYYS..PUT..WITCH..ALLEX  
TRACK T/ AGARD..SIE.J121.SHLEP..ACK..TUSKY  
TRACK T/ SWANN..BROSS.J42.RBV..ACK..TUSKY  
TRACK U/ AGARD..SIE.J121.SHLEP..ACK..BRADD  
TRACK U/ SWANN..BROSS.J42.RBV..ACK..BRADD  
TRACK V/ AGARD..SIE.J121.SHLEP..YAHOO..KANNI  
TRACK V/ SWANN..BROSS.J42.RBV..YAHOO..KANNI  
TRACK W/ AGARD..SIE.B24.LYNUS..LARGE..DOVEY  
TRACK X/ AGARD..SIE.B24.LYNUS..LARGE..JOBOD  
TRACK Y/ AGARD..SIE.B24.LYNUS..LARGE..SLATN  
\*\*\*\*\*FOREIGN AIR CARRIERS DEPARTING IAD MUST FILE:\*\*\*\*\*  
VIA JCOBY3.AGARD OR JCOBY3.SWANN  
\*\*\*\*\*THEN JOIN ROUTES ABOVE\*\*\*\*\*

---

ZBW OVERFLIGHTS MUST FILE:

TRACK P/ RBV..LLUND..BAYYS..PUT..TAFFY  
  
TRACK Q/ RBV..LLUND..BAYYS..PUT..TOPPS  
TRACK R/ RBV..LLUND..BAYYS..PUT..EBONY  
TRACK S/ RBV..LLUND..BAYYS..PUT..WITCH..ALLEX  
TRACK T/ J174.RIFLE..ACK..TUSKY  
TRACK T/ RBV.J62.ACK..TUSKY  
TRACK U/ J174.RIFLE..ACK..BRADD  
TRACK U/ RBV.J62.ACK..BRADD  
TRACK V/ RBV..RIFLE..YAHOO..KANNI  
TRACK V/ J174.RIFLE..YAHOO..KANNI  
TRACK W/ ORF.AR9.ZIBUT..LARGE..DOVEY  
TRACK X/ ORF.AR9.ZIBUT..LARGE..JOBOD  
TRACK Y/ ORF.AR9.ZIBUT..LARGE..SLATN

\*\*\*NOTE: ZBW OVERFLIGHTS VIA TRACKS P/ THRU S/ MAY FILE ANYWHERE  
WEST OF A LINE RBV..LLUND..BAYYS\*\*\*

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AIRCRAFT FLYING M201-M204 SHOULD EXPECT  
NO HIGHER THAN FL310 (UNLESS JOINING A

TRACK) IN ZNY AIRSPACE DUE TO VOLUME

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ZBW TMU 603-879-6666, ZNY TMU 631-468-1386, ZDC TMU 703-771-3504

161413-170500

17/12/16 14:13 DCCOPS.lxstn32

Advisory ID: 043

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Sat Dec 16 15:40:00 UTC 2017

Advisory Effective End Time: Sun Dec 17 12:16:00 UTC 2017

Advisory Text: ATCSCC ADVZY 043 DCC 12/16/2017 VOLCANIC ACTIVITY BULLETIN -  
REVENTADOR 352010

FVXX22 KNES 161540 WSI UKS:161545

VA ADVISORY

DTG: 20171216/1540Z

VAAC: WASHINGTON

VOLCANO: REVENTADOR 352010

PSN: S0005 W07739

AREA: ECUADOR

SUMMIT ELEV: 11686 FT (3562 M)

ADVISORY NR: 2017/778

INFO SOURCE: GOES-EAST. NWP MODELS. CIMSS VOLCAT.  
VOLCANO WEB CAMERA.

ERUPTION DETAILS: ONGOING VA EM

OBS VA DTG: 16/1515Z

OBS VA CLD: SFC/FL160 N0022 W07825 - S0002 W07740  
- S0005 W07740 - S0006 W07825 - N0022 W07825 MOV  
NW 10-15KT

FCST VA CLD +6HR: 16/2130Z SFC/FL160 N0016 W07825  
- S0002 W07740 - S0005 W07740 - S0008 W07825 -  
N0016 W07825



FCST VA CLD +12HR: 17/0330Z SFC/FL160 N0013  
W07824 - S0002 W07740 - S0005 W07739 - S0010  
W07825 - N0013 W07824

FCST VA CLD +18HR: 17/0930Z SFC/FL160 N0013  
W07824 - S0003 W07738 - S0005 W07738 - S0010  
W07824 - N0013 W07824

RMK: VA SEEN IN STLT IMAGERY MOV NW WITH LGT VA  
MOV W-WNW TO ARND FL160. NWP MODEL GUIDANCE  
SHOWS A GRADUAL MOV TWD MORE W-LY THROUGH T+18  
HRS. ...KIBLER

NXT ADVISORY: WILL BE ISSUED BY 20171216/2145Z  
1712161540-1712162140

Advisory ID: 042  
Affected Location: None  
Reporting ARTCC: DCC  
Advisory Effective Start Time: Sat Dec 16 15:40:00 UTC 2017  
Advisory Effective End Time: Sun Dec 17 12:16:00 UTC 2017  
Advisory Text: ATCSCC ADVZY 042 DCC 12/16/2017 VOLCANIC ACTIVITY BULLETIN -  
REVENTADOR 352010  
FVXX22 KNES 161540 WSI DDS:161542  
VA ADVISORY  
DTG: 20171216/1540Z

VAAC: WASHINGTON

VOLCANO: REVENTADOR 352010  
PSN: S0005 W07739

AREA: ECUADOR

SUMMIT ELEV: 11686 FT (3562 M)

ADVISORY NR: 2017/778

INFO SOURCE: GOES-EAST. NWP MODELS. CIMSS VOLCAT.  
VOLCANO WEB CAMERA.

ERUPTION DETAILS: ONGOING VA EM

OBS VA DTG: 16/1515Z

OBS VA CLD: SFC/FL160 N0022 W07825 - S0002 W07740

- S0005 W07740 - S0006 W07825 - N0022 W07825 MOV  
NW 10-15KT

FCST VA CLD +6HR: 16/2130Z SFC/FL160 N0016 W07825  
- S0002 W07740 - S0005 W07740 - S0008 W07825 -  
N0016 W07825

FCST VA CLD +12HR: 17/0330Z SFC/FL160 N0013  
W07824 - S0002 W07740 - S0005 W07739 - S0010  
W07825 - N0013 W07824

FCST VA CLD +18HR: 17/0930Z SFC/FL160 N0013  
W07824 - S0003 W07738 - S0005 W07738 - S0010  
W07824 - N0013 W07824

RMK: VA SEEN IN STLT IMAGERY MOV NW WITH LGT VA  
MOV W-WNW TO ARND FL160. NWP MODEL GUIDANCE  
SHOWS A GRADUAL MOV TWD MORE W-LY THROUGH T+18  
HRS. ...KIBLER

NXT ADVISORY: WILL BE ISSUED BY 20171216/2145Z  
1712161540-1712162140

Advisory ID: 046

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Sat Dec 16 17:30:00 UTC 2017

Advisory Effective End Time: Sun Dec 17 12:16:00 UTC 2017

Advisory Text: ATCSCC ADVZY 046 DCC 12/16/2017 VOLCANIC ACTIVITY BULLETIN -  
FUEGO  
342090

FVXX21 KNES 161730 WSI DDS:161724

VA ADVISORY

DTG: 20171216/1730Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090

PSN: N1428 W09052

AREA: GUATAMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/365

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: CONT VA OBS IN STLT IMAGERY

OBS VA DTG: 16/1626Z

OBS VA CLD: SFC/FL160 N14444 W09154 -N1430 W09053 - N1428 W09053 -  
N1411  
W09154 - N1444 W09154 MOV W 15-20KT.

FCST VA CLD +6HR: 16/2300Z SFC/FL160 N1452 W09152 - N1431 W09053 -  
N1428  
W09052 - N1420 W09156 - N1452 W09152.

FCST VA CLD +12HR: 17/0500Z SFC/FL160 N1452 W09152 - N1431 W09053 -  
N1428 W09052 - N1420 W09156 - N1452 W09152.

FCST VA CLD +18HR: 17/1100Z SFC/FL160 N1452 W09152 - N1431 W09053 -  
N1428 W09052 - N1420 W09156 - N1452 W09152.

RMK: 557 WW FOR WASHINGTON VAAC. ERUPTION OBSERVED ON WEB CAM AT  
16/1645Z LASTING FOR 10 MINUTES MOV W. ...MARTINEZ

NXT ADVISORY: WILL BE ISSUED BY 20171216/2330Z.  
1712161730-1712162330

Advisory ID: 047

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Sat Dec 16 17:30:00 UTC 2017

Advisory Effective End Time: Sun Dec 17 12:16:00 UTC 2017

Advisory Text: ATCSCC ADVZY 047 DCC 12/16/2017 VOLCANIC ACTIVITY BULLETIN -  
FUEGO

342090

FVXX21 KNES 161730 WSI UKS:161726

VA ADVISORY

DTG: 20171216/1730Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090

PSN: N1428 W09052

AREA: GUATAMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/365

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: CONT VA OBS IN STLT IMAGERY

OBS VA DTG: 16/1626Z

OBS VA CLD: SFC/FL160 N14444 W09154 -N1430 W09053 - N1428 W09053 -  
N1411  
W09154 - N1444 W09154 MOV W 15-20KT.

FCST VA CLD +6HR: 16/2300Z SFC/FL160 N1452 W09152 - N1431 W09053 -  
N1428  
W09052 - N1420 W09156 - N1452 W09152.

FCST VA CLD +12HR: 17/0500Z SFC/FL160 N1452 W09152 - N1431 W09053 -  
N1428 W09052 - N1420 W09156 - N1452 W09152.

FCST VA CLD +18HR: 17/1100Z SFC/FL160 N1452 W09152 - N1431 W09053 -  
N1428 W09052 - N1420 W09156 - N1452 W09152.

RMK: 557 WW FOR WASHINGTON VAAC. ERUPTION OBSERVED ON WEB CAM AT  
16/1645Z LASTING FOR 10 MINUTES MOV W. ...MARTINEZ

NXT ADVISORY: WILL BE ISSUED BY 20171216/2330Z.  
1712161730-1712162330

Advisory ID: 051

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Sat Dec 16 20:27:00 UTC 2017

Advisory Effective End Time: Sat Dec 16 22:59:00 UTC 2017

Advisory Text: ATCSCC ADVZY 051 DCC 12/16/2017 OPERATIONS PLAN

EVENT TIME: 16/2100 - AND LATER

TERMINAL CONSTRAINTS:

NYMETS/BOS/SFO-WIND

ENROUTE CONSTRAINTS:

NONE

SFO WIND STILL MANAGEABLE ON A WEST CONFIG, HOWEVER WILL CONTINUE TO HOLD  
REFERENCE FOR POSSIBLE INITIATIVE AS THE TAF CONTINUES TO SHOW GUSTY WINDS  
FOR REST OF THE DAY. ZHU AFPS PURGED, NO ENROUTE VOL CONCERNS FOR REST OF  
THE DAY.

1. ZOA

AFTER 2100 -SFO GROUND STOP/DELAY PROGRAM POSSIBLE

2. ROUTES

UNTIL 0230 -FCAJFK:WIND ROUTES JFK  
UNTIL 0430 -FCAEWR:WIND ROUTE EWR  
UNTIL 0000 -FCAMUN:MMUN\_ROUTE

NEXT PLANNING WEBINAR: 2215Z  
162027-162259  
17/12/16 20:27 DCCOPS.lxstn35

Advisory ID: 053  
Affected Location: None  
Reporting ARTCC: DCC  
Advisory Effective Start Time: Sat Dec 16 21:19:00 UTC 2017  
Advisory Effective End Time: Sun Dec 17 12:17:00 UTC 2017  
Advisory Text: ATCSCC ADVZY 053 DCC 12/16/2017 VOLCANIC ACTIVITY BULLETIN -  
FUEGO  
342090  
FVXX21 KNES 162119 WSI UKS:162123  
VA ADVISORY  
DTG: 20171216/2119Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090  
PSN: N1428 W09052

AREA: GUATEMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/366

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: OCNL EM

OBS VA DTG: 16/2045Z

OBS VA CLD: SFC/FL140 N1434 W09059 - N1430 W09052  
- N1426 W09052 - N1431 W09102 - N1431 W09101 -  
N1431 W09101 - N1434 W09059 MOV NW 25-30KT

FCST VA CLD +6HR: 17/0300Z SFC/FL140 N1437 W09059

- N1430 W09050 - N1427 W09053 - N1434 W09102 -  
N1437 W09059

FCST VA CLD +12HR: 17/0900Z SFC/FL140 N1438  
W09059 - N1430 W09050 - N1426 W09054 - N1434  
W09104 - N1438 W09059

FCST VA CLD +18HR: 17/1500Z SFC/FL140 N1439  
W09059 - N1430 W09050 - N1426 W09053 - N1434  
W09104 - N1439 W09059

RMK: VA EXTD 10 NM TO NW. LTLCG FCST OVR NXT 18  
HRS. ...ZHU

NXT ADVISORY: WILL BE ISSUED BY 20171217/0315Z  
1712162119-1712170315

Advisory ID: 052

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Sat Dec 16 21:19:00 UTC 2017

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

Advisory Text: ATCSCC ADVZY 052 DCC 12/16/2017 VOLCANIC ACTIVITY BULLETIN -  
FUEGO

342090

FVXX21 KNES 162119 WSI DDS:162121

VA ADVISORY

DTG: 20171216/2119Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090

PSN: N1428 W09052

AREA: GUATEMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/366

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: OCNL EM

OBS VA DTG: 16/2045Z

OBS VA CLD: SFC/FL140 N1434 W09059 - N1430 W09052  
- N1426 W09052 - N1431 W09102 - N1431 W09101 -  
N1431 W09101 - N1434 W09059 MOV NW 25-30KT

FCST VA CLD +6HR: 17/0300Z SFC/FL140 N1437 W09059  
- N1430 W09050 - N1427 W09053 - N1434 W09102 -  
N1437 W09059

FCST VA CLD +12HR: 17/0900Z SFC/FL140 N1438  
W09059 - N1430 W09050 - N1426 W09054 - N1434  
W09104 - N1438 W09059

FCST VA CLD +18HR: 17/1500Z SFC/FL140 N1439  
W09059 - N1430 W09050 - N1426 W09053 - N1434  
W09104 - N1439 W09059

RMK: VA EXTD 10 NM TO NW. LTLCG FCST OVR NXT 18  
HRS. ...ZHU

NXT ADVISORY: WILL BE ISSUED BY 20171217/0315Z  
1712162119-1712170315

NHC Bulletins

None

Volcanic Ash Advisory

Advisory ID: 018

Affected Location: None

Reporting ARTCC: DCC

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

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

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

342090

FVXX21 KNES 150651 WSI UKS:150653

VA ADVISORY

DTG: 20171215/0651Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090

PSN: N1428 W09052

AREA: GUATEMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/356

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: CONT VA EMS OBS IN STLT IMAGERY

OBS VA DTG: 15/0615Z

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

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

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

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

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

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

Advisory ID: 017

Affected Location: None

Reporting ARTCC: DCC

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

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

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

342090

FVXX21 KNES 150651 WSI DDS:150652

VA ADVISORY

DTG: 20171215/0651Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090

PSN: N1428 W09052



AREA: GUATEMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/356

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: CONT VA EMS OBS IN STLT IMAGERY

OBS VA DTG: 15/0615Z

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

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

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

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

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

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

Advisory ID: 019

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Fri Dec 15 08:48:00 UTC 2017

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

Advisory Text: ATCSCC ADVZY 019 DCC 12/15/2017 VOLCANIC ACTIVITY BULLETIN -  
REVENTADOR 352010

FVXX22 KNES 150848 WSI DDS:150850

VA ADVISORY

DTG: 20171215/0848Z

VAAC: WASHINGTON

VOLCANO: REVENTADOR 352010  
PSN: S0004 W07739

AREA: ECUADOR

SUMMIT ELEV: 11686 FT (3562 M)

ADVISORY NR: 2017/773

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: CONT VA EMS

OBS VA DTG: 15/0815Z

OBS VA CLD: SFC/FL150 N0019 W07822 - S0003 W07740  
- S0004 W07740 - S0022 W07822 - N0019 W07822 MOV  
W 10KT

FCST VA CLD +6HR: 15/1430Z SFC/FL150 N0015 W07823  
- S0004 W07738 - S0004 W07740 - S0024 W07824 -  
N0015 W07823

FCST VA CLD +12HR: 15/2030Z SFC/FL150 N0017  
W07823 - S0003 W07740 - S0005 W07740 - S0024  
W07822 - N0017 W07823

FCST VA CLD +18HR: 16/0230Z SFC/FL150 N0018  
W07823 - S0002 W07738 - S0005 W07738 - S0023  
W07823 - N0018 W07823

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

NXT ADVISORY: WILL BE ISSUED BY 20171215/1445Z  
1712150848-1712151445

Advisory ID: 020

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Fri Dec 15 08:48:00 UTC 2017

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

Advisory Text: ATCSCC ADVZY 020 DCC 12/15/2017 VOLCANIC ACTIVITY BULLETIN -

REVENTADOR 352010  
FVXX22 KNES 150848 WSI UKS:150853  
VA ADVISORY  
DTG: 20171215/0848Z

VAAC: WASHINGTON

VOLCANO: REVENTADOR 352010  
PSN: S0004 W07739

AREA: ECUADOR

SUMMIT ELEV: 11686 FT (3562 M)

ADVISORY NR: 2017/773

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: CONT VA EMS

OBS VA DTG: 15/0815Z

OBS VA CLD: SFC/FL150 N0019 W07822 - S0003 W07740  
- S0004 W07740 - S0022 W07822 - N0019 W07822 MOV  
W 10KT

FCST VA CLD +6HR: 15/1430Z SFC/FL150 N0015 W07823  
- S0004 W07738 - S0004 W07740 - S0024 W07824 -  
N0015 W07823

FCST VA CLD +12HR: 15/2030Z SFC/FL150 N0017  
W07823 - S0003 W07740 - S0005 W07740 - S0024  
W07822 - N0017 W07823

FCST VA CLD +18HR: 16/0230Z SFC/FL150 N0018  
W07823 - S0002 W07738 - S0005 W07738 - S0023 -  
W07823 - N0018 W07823

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

NXT ADVISORY: WILL BE ISSUED BY 20171215/1445Z  
1712150848-1712151445

Advisory ID: 022  
Affected Location: None

Reporting ARTCC: DCC  
Advisory Effective Start Time: Fri Dec 15 11:54:00 UTC 2017  
Advisory Effective End Time: Sun Dec 17 12:15:00 UTC 2017  
Advisory Text: ATCSCC ADVZY 022 DCC 12/15/2017 VOLCANIC ACTIVITY BULLETIN -  
KARYMSKY  
300130  
FVFE01 RJTD 151150 WSI UKS:151151  
VA ADVISORY  
DTG: 20171215/1150Z  
VAAC: TOKYO  
VOLCANO: KARYMSKY 300130  
PSN: N5403 E15927  
AREA: RUSSIA  
SUMMIT ELEV: 1513M  
ADVISORY NR: 2017/134  
INFO SOURCE: HIMAWARI-8  
AVIATION COLOUR CODE: NIL  
ERUPTION DETAILS: VA DISSIPATED ON SATELLITE IMAGERY  
OBS VA DTG: 15/1120Z  
OBS VA CLD: VA NOT IDENTIFIABLE FM SATELLITE DATA WIND FL180  
240/10KT

FCST VA CLD +6 HR: NO VA EXP  
FCST VA CLD +12 HR: NO VA EXP  
FCST VA CLD +18 HR: NO VA EXP  
RMK: NIL  
NXT ADVISORY: NO FURTHER ADVISORIES  
1712151154-1712151800

Advisory ID: 024  
Affected Location: None  
Reporting ARTCC: DCC  
Advisory Effective Start Time: Fri Dec 15 12:23:00 UTC 2017  
Advisory Effective End Time: Sun Dec 17 12:15:00 UTC 2017  
Advisory Text: ATCSCC ADVZY 024 DCC 12/15/2017 VOLCANIC ACTIVITY BULLETIN -  
FUEGO  
342090  
FVXX21 KNES 151219 WSI DDS:151220  
VA ADVISORY  
DTG: 20171215/1219Z  
  
VAAC: WASHINGTON  
  
VOLCANO: FUEGO 342090  
PSN: N1428 W09052

AREA: GUATEMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/358

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: CONT VA EMS OBS IN STLT IMAGERY

OBS VA DTG: 15/1145Z

OBS VA CLD: SFC/FL180 N1547 W09159 - N1430 W09052  
- N1428 W09053 - N1501 W09234 - N1547 W09159 MOV  
NW 15-20KT

FCST VA CLD +6HR: 15/1800Z SFC/FL180 N1537 W09213  
- N1430 W09052 - N1428 W09053 - N1436 W09236 -  
N1537 W09213

FCST VA CLD +12HR: 16/0000Z SFC/FL180 N1539  
W09211 - N1430 W09052 - N1428 W09053 - N1440  
W09238 - N1539 W09211

FCST VA CLD +18HR: 16/0600Z SFC/FL180 N1538  
W09213 - N1430 W09052 - N1428 W09053 - N1437  
W09237 - N1538 W09213

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

NXT ADVISORY: WILL BE ISSUED BY 20171215/1815Z  
1712151223-1712151815

Advisory ID: 025

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Fri Dec 15 12:25:00 UTC 2017

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

Advisory Text: ATCSCC ADVZY 025 DCC 12/15/2017 VOLCANIC ACTIVITY BULLETIN -  
FUEGO

342090

FVXX21 KNES 151219 WSI UKS:151222

VA ADVISORY

DTG: 20171215/1219Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090  
PSN: N1428 W09052

AREA: GUATEMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/358

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: CONT VA EMS OBS IN STLT IMAGERY

OBS VA DTG: 15/1145Z

OBS VA CLD: SFC/FL180 N1547 W09159 - N1430 W09052  
- N1428 W09053 - N1501 W09234 - N1547 W09159 MOV  
NW 15-20KT

FCST VA CLD +6HR: 15/1800Z SFC/FL180 N1537 W09213  
- N1430 W09052 - N1428 W09053 - N1436 W09236 -  
N1537 W09213

FCST VA CLD +12HR: 16/0000Z SFC/FL180 N1539  
W09211 - N1430 W09052 - N1428 W09053 - N1440  
W09238 - N1539 W09211

FCST VA CLD +18HR: 16/0600Z SFC/FL180 N1538  
W09213 - N1430 W09052 - N1428 W09053 - N1437  
W09237 - N1538 W09213

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

NXT ADVISORY: WILL BE ISSUED BY 20171215/1815Z  
1712151225-1712151815

Advisory ID: 038

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Fri Dec 15 14:52:00 UTC 2017

Advisory Effective End Time: Wed Dec 20 17:12:00 UTC 2017

Advisory Text: ATCSCC ADVZY 038 DCC 12/15/2017 VOLCANIC ACTIVITY BULLETIN -  
REVENTADOR 352010  
FVXX22 KNES 151450 WSI DDS:151451  
VA ADVISORY  
DTG: 20171215/1450Z

VAAC: WASHINGTON

VOLCANO: REVENTADOR 352010  
PSN: S0004 W07739

AREA: ECUADOR

SUMMIT ELEV: 11686 FT (3562 M)

ADVISORY NR: 2017/774

INFO SOURCE: GOES-EAST. NWP MODELS. GEOPHYSICAL  
INST.

ERUPTION DETAILS: ONGOING EM

OBS VA DTG: 15/1415Z

OBS VA CLD: VA NOT IDENTIFIABLE FROM SATELLITE  
DATA WINDS SFC/FL150 090/10KT

FCST VA CLD +6HR: 15/2030Z

FCST VA CLD +12HR: 16/0230Z

FCST VA CLD +18HR: 16/0830Z

RMK: VA NOT OBS IN STLT DUE TO CLOUDS.  
GEOPHYSICAL INSTITUTE INDICATES EM CONTINUE.  
...RUMINSKI

NXT ADVISORY: WILL BE ISSUED BY 20171215/2045Z

201712151452-201712152045

Advisory ID: 050  
Affected Location: None  
Reporting ARTCC: DCC  
Advisory Effective Start Time: Fri Dec 15 18:00:00 UTC 2017  
Advisory Effective End Time: Sun Dec 17 12:15:00 UTC 2017

Advisory Text: ATCSCC ADVZY 050 DCC 12/15/2017 VOLCANIC ACTIVITY BULLETIN -  
FUEGO  
342090  
FVXX21 KNES 151800 WSI DDS:151801  
VA ADVISORY  
DTG: 20171215/1800Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090  
PSN: N1428 W09052

AREA: GUATEMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/359

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: SEVERAL HOUR ERUPTION ENDING  
AROUND 1600Z

OBS VA DTG: 15/1715Z

OBS VA CLD: SFC/FL180 N1610 W09234 - N1609 W09211  
- N1440 W09113 - N1429 W09116 - N1456 W09200 -  
N1610 W09234 MOV NW 15KT

FCST VA CLD +6HR: 15/2330Z SFC/FL180 NO ASH EXP

FCST VA CLD +12HR: 16/0530Z NO ASH EXP

FCST VA CLD +18HR: 16/1130Z NO ASH EXP

RMK: EM FROM THE VOLCANO ENDED AROUND 16Z.  
LEADING EDGE OF REMNANT VA HAS MOV INTO EXTREME S  
MEXICO. EXPECT ALL OF THE VA TO DISP IN NEXT  
COUPLE OF HRS. ...RUMINSKI

NXT ADVISORY: WILL BE ISSUED BY 20171216/0000Z  
1712151800-1712152359

Advisory ID: 051  
Affected Location: None  
Reporting ARTCC: DCC



Advisory Effective Start Time: Fri Dec 15 18:00:00 UTC 2017  
Advisory Effective End Time: Sun Dec 17 12:15:00 UTC 2017  
Advisory Text: ATCSCC ADVZY 051 DCC 12/15/2017 VOLCANIC ACTIVITY BULLETIN -  
FUEGO  
342090  
FVXX21 KNES 151800 WSI UKS:151803  
VA ADVISORY  
DTG: 20171215/1800Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090  
PSN: N1428 W09052

AREA: GUATEMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/359

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: SEVERAL HOUR ERUPTION ENDING  
AROUND 1600Z

OBS VA DTG: 15/1715Z

OBS VA CLD: SFC/FL180 N1610 W09234 - N1609 W09211  
- N1440 W09113 - N1429 W09116 - N1456 W09200 -  
N1610 W09234 MOV NW 15KT

FCST VA CLD +6HR: 15/2330Z SFC/FL180 NO ASH EXP

FCST VA CLD +12HR: 16/0530Z NO ASH EXP

FCST VA CLD +18HR: 16/1130Z NO ASH EXP

RMK: EM FROM THE VOLCANO ENDED AROUND 16Z.  
LEADING EDGE OF REMNANT VA HAS MOV INTO EXTREME S  
MEXICO. EXPECT ALL OF THE VA TO DISP IN NEXT  
COUPLE OF HRS. ...RUMINSKI

NXT ADVISORY: WILL BE ISSUED BY 20171216/0000Z  
1712151800-1712152359

Advisory ID: 056

Affected Location: None  
Reporting ARTCC: DCC  
Advisory Effective Start Time: Fri Dec 15 20:37:00 UTC 2017  
Advisory Effective End Time: Fri Jan 12 16:02:00 UTC 2018  
Advisory Text: ATCSCC ADVZY 056 DCC 12/15/2017 VOLCANIC ACTIVITY BULLETIN -  
REVENTADOR 352010  
FVXX22 KNES 152037 WSI DDS:152039  
VA ADVISORY  
DTG: 20171215/2037Z

VAAC: WASHINGTON

VOLCANO: REVENTADOR 352010  
PSN: S0004 W07739

AREA: ECUADOR

SUMMIT ELEV: 11686 FT (3562 M)

ADVISORY NR: 2017/775

INFO SOURCE: GOES-EAST.

ERUPTION DETAILS: VA HAS DISP.

OBS VA DTG: 15/2015Z

OBS VA CLD: VA NOT IDENTIFIABLE FROM SATELLITE  
DATA.

FCST VA CLD +6HR: NO VA EXP

FCST VA CLD +12HR: NO VA EXP

FCST VA CLD +18HR: NO VA EXP

RMK: VA HAS DISP. NO FURTHER EM OBS. ...ZHU

NXT ADVISORY: NO FURTHER ADVISORIES  
12152037-12160237

Advisory ID: 057  
Affected Location: None  
Reporting ARTCC: DCC  
Advisory Effective Start Time: Fri Dec 15 20:37:00 UTC 2017  
Advisory Effective End Time: Fri Jan 12 16:02:00 UTC 2018

Advisory Text: ATCSCC ADVZY 057 DCC 12/15/2017 VOLCANIC ACTIVITY BULLETIN -  
REVENTADOR 352010  
FVXX22 KNES 152037 WSI UKS:152040  
VA ADVISORY  
DTG: 20171215/2037Z

VAAC: WASHINGTON

VOLCANO: REVENTADOR 352010  
PSN: S0004 W07739

AREA: ECUADOR

SUMMIT ELEV: 11686 FT (3562 M)

ADVISORY NR: 2017/775

INFO SOURCE: GOES-EAST.

ERUPTION DETAILS: VA HAS DISP.

OBS VA DTG: 15/2015Z

OBS VA CLD: VA NOT IDENTIFIABLE FROM SATELLITE  
DATA.

FCST VA CLD +6HR: NO VA EXP

FCST VA CLD +12HR: NO VA EXP

FCST VA CLD +18HR: NO VA EXP

RMK: VA HAS DISP. NO FURTHER EM OBS. ...ZHU

NXT ADVISORY: NO FURTHER ADVISORIES  
12152037-12160237

Advisory ID: 023

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Sat Dec 16 05:45:00 UTC 2017

Advisory Effective End Time: Sun Dec 17 12:16:00 UTC 2017

Advisory Text: ATCSCC ADVZY 023 DCC 12/16/2017 VOLCANIC ACTIVITY BULLETIN -  
FUEGO  
342090

FVXX21 KNES 160541 WSI UKS:160548

VA ADVISORY  
DTG: 20171216/0541Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090  
PSN: N1428 W09052

AREA: GUATEMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/361

INFO SOURCE: GOES-EAST. 557TH WW.

ERUPTION DETAILS: VA EMS OBS

OBS VA DTG: 16/0515Z

OBS VA CLD: SFC/FL180 N1511 W09150 - N1429 W09052  
- N1427 W09053 - N1437 W09205 - N1511 W09150 MOV  
NW 20-25KT

FCST VA CLD +6HR: 16/1130Z SFC/FL180 N1514 W09144  
- N1431 W09052 - N1428 W09053 - N1442 W09207 -  
N1514 W09144

FCST VA CLD +12HR: 16/1730Z SFC/FL180 N1517  
W09137 - N1431 W09053 - N1428 W09054 - N1446  
W09208 - N1517 W09137

FCST VA CLD +18HR: 16/2330Z SFC/FL180 N1517  
W09132 - N1430 W09051 - N1429 W09052 - N1450  
W09207 - N1517 W09132

RMK: NEW VA EMS OBS MOV NW IN STLT IMAGERY. NWP  
GUIDANCE SUGGEST CONT MOV NW THROUGHOUT +18.  
...FISHER

NXT ADVISORY: WILL BE ISSUED BY 20171216/1145Z  
1712160545-1712161145

Advisory ID: 022  
Affected Location: None  
Reporting ARTCC: DCC

Advisory Effective Start Time: Sat Dec 16 05:45:00 UTC 2017  
Advisory Effective End Time: Sun Dec 17 12:16:00 UTC 2017  
Advisory Text: ATCSCC ADVZY 022 DCC 12/16/2017 VOLCANIC ACTIVITY BULLETIN -  
FUEGO  
342090  
FVXX21 KNES 160541 WSI DDS:160543  
VA ADVISORY  
DTG: 20171216/0541Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090  
PSN: N1428 W09052

AREA: GUATEMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/361

INFO SOURCE: GOES-EAST. 557TH WW.

ERUPTION DETAILS: VA EMS OBS

OBS VA DTG: 16/0515Z

OBS VA CLD: SFC/FL180 N1511 W09150 - N1429 W09052  
- N1427 W09053 - N1437 W09205 - N1511 W09150 MOV  
NW 20-25KT

FCST VA CLD +6HR: 16/1130Z SFC/FL180 N1514 W09144  
- N1431 W09052 - N1428 W09053 - N1442 W09207 -  
N1514 W09144

FCST VA CLD +12HR: 16/1730Z SFC/FL180 N1517  
W09137 - N1431 W09053 - N1428 W09054 - N1446  
W09208 - N1517 W09137

FCST VA CLD +18HR: 16/2330Z SFC/FL180 N1517  
W09132 - N1430 W09051 - N1429 W09052 - N1450  
W09207 - N1517 W09132

RMK: NEW VA EMS OBS MOV NW IN STLT IMAGERY. NWP  
GUIDANCE SUGGEST CONT MOV NW THROUGHOUT +18.  
...FISHER

NXT ADVISORY: WILL BE ISSUED BY 20171216/1145Z  
1712160545-1712161145

Advisory ID: 033  
Affected Location: None  
Reporting ARTCC: DCC  
Advisory Effective Start Time: Sat Dec 16 12:25:00 UTC 2017  
Advisory Effective End Time: Sun Dec 17 12:16:00 UTC 2017  
Advisory Text: ATCSCC ADVZY 033 DCC 12/16/2017 VOLCANIC ACTIVITY BULLETIN -  
KLYUCHEVSKOY 300260  
FVFE01 RJTD 161225 WSI UKS:161227  
VA ADVISORY  
DTG: 20171216/1225Z  
VAAC: TOKYO  
VOLCANO: KLYUCHEVSKOY 300260  
PSN: N5603 E16039  
AREA: RUSSIA  
SUMMIT ELEV: 4754M  
ADVISORY NR: 2017/394  
INFO SOURCE: HIMAWARI-8  
AVIATION COLOUR CODE: NIL  
ERUPTION DETAILS: POSS ERUPTION OBS AT 20171216/1110Z FL170 EXTD E  
OBS VA DTG: 16/1200Z  
OBS VA CLD: SFC/FL170 N5606 E16038 - N5620 E16048 - N5612 E16112 -  
N5603 E16104 - N5610 E16051 - N5604 E16042 MOV E 10KT  
FCST VA CLD +6 HR: 16/1800Z SFC/FL180 N5750 E16144 - N5649 E16301 -  
N5706 E16140 - N5649 E16103 - N5753 E16103  
FCST VA CLD +12 HR: 17/0000Z SFC/FL180 N5853 E16257 - N5745 E16519 -  
N5749 E16324 - N5843 E16210 - N5824 E16110 - N5844 E16051 - N5943  
E16311  
FCST VA CLD +18 HR: 17/0600Z SFC/FL170 N5950 E16530 - N5856 E16943 -  
N5848 E16556 - N5901 E16214 - N6033 E16417 - N6104 E16603  
RMK: NIL  
NXT ADVISORY: 20171216/1800Z  
1712161225-1712161800

Advisory ID: 043  
Affected Location: None  
Reporting ARTCC: DCC  
Advisory Effective Start Time: Sat Dec 16 15:40:00 UTC 2017  
Advisory Effective End Time: Sun Dec 17 12:16:00 UTC 2017  
Advisory Text: ATCSCC ADVZY 043 DCC 12/16/2017 VOLCANIC ACTIVITY BULLETIN -  
REVENTADOR 352010  
FVXX22 KNES 161540 WSI UKS:161545

VA ADVISORY  
DTG: 20171216/1540Z

VAAC: WASHINGTON

VOLCANO: REVENTADOR 352010  
PSN: S0005 W07739

AREA: ECUADOR

SUMMIT ELEV: 11686 FT (3562 M)

ADVISORY NR: 2017/778

INFO SOURCE: GOES-EAST. NWP MODELS. CIMSS VOLCAT.  
VOLCANO WEB CAMERA.

ERUPTION DETAILS: ONGOING VA EM

OBS VA DTG: 16/1515Z

OBS VA CLD: SFC/FL160 N0022 W07825 - S0002 W07740  
- S0005 W07740 - S0006 W07825 - N0022 W07825 MOV  
NW 10-15KT

FCST VA CLD +6HR: 16/2130Z SFC/FL160 N0016 W07825  
- S0002 W07740 - S0005 W07740 - S0008 W07825 -  
N0016 W07825

FCST VA CLD +12HR: 17/0330Z SFC/FL160 N0013  
W07824 - S0002 W07740 - S0005 W07739 - S0010  
W07825 - N0013 W07824

FCST VA CLD +18HR: 17/0930Z SFC/FL160 N0013  
W07824 - S0003 W07738 - S0005 W07738 - S0010  
W07824 - N0013 W07824

RMK: VA SEEN IN STLT IMAGERY MOV NW WITH LGT VA  
MOV W-WNW TO ARND FL160. NWP MODEL GUIDANCE  
SHOWS A GRADUAL MOV TWD MORE W-LY THROUGH T+18  
HRS. ...KIBLER

NXT ADVISORY: WILL BE ISSUED BY 20171216/2145Z  
1712161540-1712162140

Advisory ID: 042

Affected Location: None  
Reporting ARTCC: DCC  
Advisory Effective Start Time: Sat Dec 16 15:40:00 UTC 2017  
Advisory Effective End Time: Sun Dec 17 12:16:00 UTC 2017  
Advisory Text: ATCSCC ADVZY 042 DCC 12/16/2017 VOLCANIC ACTIVITY BULLETIN -  
REVENTADOR 352010  
FVXX22 KNES 161540 WSI DDS:161542  
VA ADVISORY  
DTG: 20171216/1540Z

VAAC: WASHINGTON

VOLCANO: REVENTADOR 352010  
PSN: S0005 W07739

AREA: ECUADOR

SUMMIT ELEV: 11686 FT (3562 M)

ADVISORY NR: 2017/778

INFO SOURCE: GOES-EAST. NWP MODELS. CIMSS VOLCAT.  
VOLCANO WEB CAMERA.

ERUPTION DETAILS: ONGOING VA EM

OBS VA DTG: 16/1515Z

OBS VA CLD: SFC/FL160 N0022 W07825 - S0002 W07740  
- S0005 W07740 - S0006 W07825 - N0022 W07825 MOV  
NW 10-15KT

FCST VA CLD +6HR: 16/2130Z SFC/FL160 N0016 W07825  
- S0002 W07740 - S0005 W07740 - S0008 W07825 -  
N0016 W07825

FCST VA CLD +12HR: 17/0330Z SFC/FL160 N0013  
W07824 - S0002 W07740 - S0005 W07739 - S0010  
W07825 - N0013 W07824

FCST VA CLD +18HR: 17/0930Z SFC/FL160 N0013  
W07824 - S0003 W07738 - S0005 W07738 - S0010  
W07824 - N0013 W07824

RMK: VA SEEN IN STLT IMAGERY MOV NW WITH LGT VA  
MOV W-WNW TO ARND FL160. NWP MODEL GUIDANCE



SHOWS A GRADUAL MOV TWD MORE W-LY THROUGH T+18  
HRS. ...KIBLER

NXT ADVISORY: WILL BE ISSUED BY 20171216/2145Z  
1712161540-1712162140

Advisory ID: 046  
Affected Location: None  
Reporting ARTCC: DCC  
Advisory Effective Start Time: Sat Dec 16 17:30:00 UTC 2017  
Advisory Effective End Time: Sun Dec 17 12:16:00 UTC 2017  
Advisory Text: ATCSCC ADVZY 046 DCC 12/16/2017 VOLCANIC ACTIVITY BULLETIN -  
FUEGO  
342090  
FVXX21 KNES 161730 WSI DDS:161724  
VA ADVISORY  
DTG: 20171216/1730Z  
VAAC: WASHINGTON

VOLCANO: FUEGO 342090

PSN: N1428 W09052  
AREA: GUATAMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/365

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: CONT VA OBS IN STLT IMAGERY

OBS VA DTG: 16/1626Z

OBS VA CLD: SFC/FL160 N14444 W09154 -N1430 W09053 - N1428 W09053 -  
N1411  
W09154 - N1444 W09154 MOV W 15-20KT.

FCST VA CLD +6HR: 16/2300Z SFC/FL160 N1452 W09152 - N1431 W09053 -  
N1428  
W09052 - N1420 W09156 - N1452 W09152.

FCST VA CLD +12HR: 17/0500Z SFC/FL160 N1452 W09152 - N1431 W09053 -  
N1428 W09052 - N1420 W09156 - N1452 W09152.

FCST VA CLD +18HR: 17/1100Z SFC/FL160 N1452 W09152 - N1431 W09053 -

N1428 W09052 - N1420 W09156 - N1452 W09152.

RMK: 557 WW FOR WASHINGTON VAAC. ERUPTION OBSERVED ON WEB CAM AT 16/1645Z LASTING FOR 10 MINUTES MOV W. ...MARTINEZ

NXT ADVISORY: WILL BE ISSUED BY 20171216/2330Z.  
1712161730-1712162330

Advisory ID: 047

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Sat Dec 16 17:30:00 UTC 2017

Advisory Effective End Time: Sun Dec 17 12:16:00 UTC 2017

Advisory Text: ATCSCC ADVZY 047 DCC 12/16/2017 VOLCANIC ACTIVITY BULLETIN - FUEGO

342090

FVXX21 KNES 161730 WSI UKS:161726

VA ADVISORY

DTG: 20171216/1730Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090

PSN: N1428 W09052

AREA: GUATAMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/365

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: CONT VA OBS IN STLT IMAGERY

OBS VA DTG: 16/1626Z

OBS VA CLD: SFC/FL160 N14444 W09154 -N1430 W09053 - N1428 W09053 - N1411

W09154 - N1444 W09154 MOV W 15-20KT.

FCST VA CLD +6HR: 16/2300Z SFC/FL160 N1452 W09152 - N1431 W09053 - N1428

W09052 - N1420 W09156 - N1452 W09152.

FCST VA CLD +12HR: 17/0500Z SFC/FL160 N1452 W09152 - N1431 W09053 - N1428 W09052 - N1420 W09156 - N1452 W09152.

FCST VA CLD +18HR: 17/1100Z SFC/FL160 N1452 W09152 - N1431 W09053 -  
N1428 W09052 - N1420 W09156 - N1452 W09152.

RMK: 557 WW FOR WASHINGTON VAAC. ERUPTION OBSERVED ON WEB CAM AT  
16/1645Z LASTING FOR 10 MINUTES MOV W. ...MARTINEZ

NXT ADVISORY: WILL BE ISSUED BY 20171216/2330Z.  
1712161730-1712162330

Advisory ID: 053  
Affected Location: None  
Reporting ARTCC: DCC  
Advisory Effective Start Time: Sat Dec 16 21:19:00 UTC 2017  
Advisory Effective End Time: Sun Dec 17 12:17:00 UTC 2017  
Advisory Text: ATCSCC ADVZY 053 DCC 12/16/2017 VOLCANIC ACTIVITY BULLETIN -  
FUEGO  
342090  
FVXX21 KNES 162119 WSI UKS:162123  
VA ADVISORY  
DTG: 20171216/2119Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090  
PSN: N1428 W09052

AREA: GUATEMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/366

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: OCNL EM

OBS VA DTG: 16/2045Z

OBS VA CLD: SFC/FL140 N1434 W09059 - N1430 W09052  
- N1426 W09052 - N1431 W09102 - N1431 W09101 -  
N1431 W09101 - N1434 W09059 MOV NW 25-30KT

FCST VA CLD +6HR: 17/0300Z SFC/FL140 N1437 W09059  
- N1430 W09050 - N1427 W09053 - N1434 W09102 -  
N1437 W09059

FCST VA CLD +12HR: 17/0900Z SFC/FL140 N1438  
W09059 - N1430 W09050 - N1426 W09054 - N1434  
W09104 - N1438 W09059

FCST VA CLD +18HR: 17/1500Z SFC/FL140 N1439  
W09059 - N1430 W09050 - N1426 W09053 - N1434  
W09104 - N1439 W09059

RMK: VA EXTD 10 NM TO NW. LTLCG FCST OVR NXT 18  
HRS. ...ZHU

NXT ADVISORY: WILL BE ISSUED BY 20171217/0315Z  
1712162119-1712170315

Advisory ID: 052  
Affected Location: None  
Reporting ARTCC: DCC  
Advisory Effective Start Time: Sat Dec 16 21:19:00 UTC 2017  
Advisory Effective End Time: Sun Dec 17 12:17:00 UTC 2017  
Advisory Text: ATCSCC ADVZY 052 DCC 12/16/2017 VOLCANIC ACTIVITY BULLETIN -  
FUEGO  
342090  
FVXX21 KNES 162119 WSI DDS:162121  
VA ADVISORY  
DTG: 20171216/2119Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090  
PSN: N1428 W09052

AREA: GUATEMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/366

INFO SOURCE: GOES-EAST. NWP MODELS.

ERUPTION DETAILS: OCNL EM

OBS VA DTG: 16/2045Z

OBS VA CLD: SFC/FL140 N1434 W09059 - N1430 W09052  
- N1426 W09052 - N1431 W09102 - N1431 W09101 -

N1431 W09101 - N1434 W09059 MOV NW 25-30KT

FCST VA CLD +6HR: 17/0300Z SFC/FL140 N1437 W09059  
- N1430 W09050 - N1427 W09053 - N1434 W09102 -  
N1437 W09059

FCST VA CLD +12HR: 17/0900Z SFC/FL140 N1438  
W09059 - N1430 W09050 - N1426 W09054 - N1434  
W09104 - N1438 W09059

FCST VA CLD +18HR: 17/1500Z SFC/FL140 N1439  
W09059 - N1430 W09050 - N1426 W09053 - N1434  
W09104 - N1439 W09059

RMK: VA EXTD 10 NM TO NW. LTLCG FCST OVR NXT 18  
HRS. ...ZHU

NXT ADVISORY: WILL BE ISSUED BY 20171217/0315Z  
1712162119-1712170315

#### 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.