

KBRD (Departure) Closest Terminal Weather

METAR KBRD 170553Z AUTO Brainerd Lakes Regional, Brainerd, MN (KBRD). Sep 17, 0553Z, Automated. Light Rain and Mist, Wind from 230° at 8 knots, 5 statute miles visibility, Ceiling is Broken at 500 feet, Broken Clouds at 4,100 feet, Overcast at 7,500 feet, Temperature 15°C, Dewpoint 15°C, Altimeter is 29.81. Remarks: automated station with precipitation discriminator rain began 45 minutes past the hour ceiling 400 feet variable 800 feet sea level pressure 1009.2 hectopascals 0.01 inches precipitation (water equivalent) in past hour 0.97 inches precipitation (water equivalent) past 6 hours hourly temp 15.0°C dewpoint 15.0°C 6-hour max temp 18.9°C 6-hour min temp 14.4°C 24-hour max temp 21.7°C 24-hour min temp 13.3°C 3-hour atmospheric pressure increasing, then steady, or increasing then increasing more slowly by 0.1 hectopascals

METAR KBRD 170453Z AUTO Brainerd Lakes Regional, Brainerd, MN (KBRD). Sep 17, 0453Z, Automated. Wind from 220° at 5 knots, 10 statute miles visibility, Ceiling is Broken at 700 feet, Overcast at 7,000 feet, Temperature 15°C, Dewpoint 14°C, Altimeter is 29.81. Remarks: automated station with precipitation discriminator ceiling 600 feet variable 1,100 feet sea level pressure 1009.3 hectopascals hourly temp 15.0°C dewpoint 14.4°C

SPECI KBRD 170444Z AUTO Special, Brainerd Lakes Regional, Brainerd, MN (KBRD). Sep 17, 0444Z, Automated. Wind from 220° at 5 knots, 10 statute miles visibility, Scattered Clouds at 700 feet, Ceiling is Overcast at 7,000 feet, Temperature 15°C, Dewpoint 14°C, Altimeter is 29.80. Remarks: automated station with precipitation discriminator hourly temp 15.0°C dewpoint 14.4°C

SPECI KBRD 170435Z AUTO Special, Brainerd Lakes Regional, Brainerd, MN (KBRD). Sep 17, 0435Z, Automated. Wind from 210° at 6 knots, 10 statute miles visibility, Scattered Clouds at 1,100 feet, Ceiling is Overcast at 7,000 feet, Temperature 15°C, Dewpoint 14°C, Altimeter is 29.80. Remarks: automated station with precipitation discriminator hourly temp 15.0°C dewpoint 14.4°C

SPECI KBRD 170404Z AUTO Special, Brainerd Lakes Regional, Brainerd, MN (KBRD). Sep 17, 0404Z, Automated. Wind from 220° at 5 knots, 10 statute miles visibility, Ceiling is Broken at 1,200 feet, Overcast at 2,700 feet, Temperature 15°C, Dewpoint 15°C, Altimeter is 29.80. Remarks: automated station with precipitation discriminator hourly temp 15.0°C dewpoint 15.0°C

METAR KBRD 170353Z AUTO Brainerd Lakes Regional, Brainerd, MN (KBRD). Sep 17, 0353Z, Automated. Wind from 230° at 4 knots, 10 statute miles visibility, Scattered Clouds at 1,200 feet, Ceiling is Broken at 2,700 feet, Overcast at 3,600 feet, Temperature 15°C, Dewpoint 14°C, Altimeter is 29.80. Remarks: automated station with precipitation discriminator sea level pressure 1009.3 hectopascals hourly temp 15.0°C dewpoint 14.4°C

SPECI KBRD 170338Z AUTO Special, Brainerd Lakes Regional, Brainerd, MN (KBRD). Sep 17, 0338Z, Automated. Wind from 220° at 4 knots, 10 statute miles visibility, Few clouds at 1,400 feet, Ceiling is Broken at 2,700 feet, Broken Clouds at 4,100 feet, Temperature 15°C, Dewpoint 14°C, Altimeter is 29.80. Remarks: automated station with precipitation discriminator hourly temp 15.0°C dewpoint 14.4°C

Brainerd Lakes Regional, Brainerd, MN (KBRD). Issued Sep 17, 0540Z, valid from Sep 17, 0600Z until Sep 18, 0600Z, Wind from 240° at 5 knots, greater than 6 statute miles visibility, Showers in the Vicinity, Ceiling is Overcast at 500 feet
From Sep 17, 0800Z, Wind from 280° at 7 knots, 2 statute miles visibility, Mist and Showers in the Vicinity, Ceiling is Overcast at 1,500 feet

From Sep 17, 1500Z, Wind from 270° at 8 knots, greater than 6 statute miles visibility, Scattered Clouds at 800 feet, Ceiling is Broken at 1,500 feet
From Sep 17, 1800Z, Wind from 280° at 9 knots, greater than 6 statute miles visibility, Ceiling is Broken at 3,000 feet
From Sep 17, 2000Z, Wind from 280° at 7 knots, greater than 6 statute miles visibility, Scattered Clouds at 4,000 feet
From Sep 18, 0000Z, Wind is variable at 3 knots, greater than 6 statute miles visibility, Sky Clear.

KBRD (Departure) NOTAMs

All published NOTAMs are available in the Notices to Airmen Publication (http://www.faa.gov/air_traffic/publications/notices/).

==== Airspace NOTAMs ====

!BRD 09/038 Brainerd Lakes Regional, Brainerd, MN (KBRD) Airspace unmanned aircraft system WI an area defined as 4 nautical miles radius of BRD220021 (21NM south-south-west BRD) surface-5,000 feet daily 1300-2130 Sep 17, 2016 1300Z to Sep 18, 2016 2130Z

!BRD 09/036 Brainerd Lakes Regional, Brainerd, MN (KBRD) Airspace airdrop WI an area defined as 3 nautical miles either side of A line FM BRD202008 to BRD255021 to BRD272021 surface-3,300 feet Sep 17, 2016 1630Z to Sep 17, 2016 2000Z

KAXN (Destination) Closest Terminal Weather

METAR KAXN 170553Z AUTO Chandler Field, Alexandria, MN (KAXN). Sep 17, 0553Z, Automated. Wind from 280° at 6 knots, 10 statute miles visibility, Few clouds at 1,000 feet, Ceiling is Broken at 2,100 feet, Broken Clouds at 3,600 feet, Temperature 14°C, Dewpoint 14°C, Altimeter is 29.86. Remarks: automated station with precipitation discriminator sea level pressure 1011.2 hectopascals hourly temp 14.4°C dewpoint 14.4°C 6-hour max temp 15.6°C 6-hour min temp 13.3°C 24-hour max temp 22.8°C 24-hour min temp 13.3°C 3-hour atmospheric pressure decreasing or steady, then increasing; or increasing then increasing more rapidly by 0.8 hectopascals

SPECI KAXN 170527Z AUTO Special, Chandler Field, Alexandria, MN (KAXN). Sep 17, 0527Z, Automated. Wind from 280° at 5 knots, 10 statute miles visibility, Scattered Clouds at 2,200 feet, Temperature 14°C, Dewpoint 14°C, Altimeter is 29.86. Remarks: automated station with precipitation discriminator hourly temp 13.9°C dewpoint 13.9°C

SPECI KAXN 170507Z AUTO Special, Chandler Field, Alexandria, MN (KAXN). Sep 17, 0507Z, Automated. Wind from 280° at 4 knots, 10 statute miles visibility, Ceiling is Broken at 2,000 feet, Temperature 14°C, Dewpoint 14°C, Altimeter is 29.85. Remarks: automated station with precipitation discriminator hourly temp 13.9°C dewpoint 13.9°C

METAR KAXN 170453Z AUTO Chandler Field, Alexandria, MN (KAXN). Sep 17, 0453Z, Automated. Wind from 260° at 4 knots, 10 statute miles visibility, Few clouds at 1,800 feet, Temperature 13°C, Dewpoint 13°C, Altimeter is 29.85. Remarks: automated station with precipitation discriminator sea level pressure 1010.9 hectopascals hourly temp 13.3°C dewpoint 13.3°C

METAR KAXN 170353Z AUTO Chandler Field, Alexandria, MN (KAXN). Sep 17, 0353Z, Automated.

Wind from 290° at 5 knots, 10 statute miles visibility, Scattered Clouds at 8,500 feet, Temperature 14°C, Dewpoint 14°C, Altimeter is 29.84. Remarks: automated station with precipitation discriminator sea level pressure 1010.6 hectopascals hourly temp 14.4°C dewpoint 14.4°C

Chandler Field, Alexandria, MN (KAXN). Issued Sep 17, 0520Z, valid from Sep 17, 0600Z until Sep 18, 0600Z, Wind from 290° at 8 knots, greater than 6 statute miles visibility, Scattered Clouds at 2,500 feet, Ceiling is Broken at 7,000 feet

From Sep 17, 0800Z, Wind from 290° at 8 knots, greater than 6 statute miles visibility, Ceiling is Overcast at 2,000 feet

Temporary between Sep 17, 0800Z and Sep 17, 1200Z, Ceiling is Overcast at 800 feet

From Sep 17, 1800Z, Wind from 290° at 9 knots, greater than 6 statute miles visibility, Scattered Clouds at 6,000 feet.

KAXN (Destination) NOTAMs

All published NOTAMs are available in the Notices to Airmen Publication (http://www.faa.gov/air_traffic/publications/notices/).

==== Aerodrome NOTAMs ====

!AXN 09/007 Chandler Field, Alexandria, MN (KAXN) Aerodrome airport all surface work in progress resurfacing Sep 13, 2016 1100Z to Sep 24, 2016 2300Z

==== Obstruction NOTAMs ====

!AXN 09/014 Chandler Field, Alexandria, MN (KAXN) Obstruction tower light (Antenna Structure Registration 1221923) 45° 52' 33.90" North 095° 28' 06.30" West (3.1 Nautical mile W AXN) 1637.1 Feet (250.0 Feet above ground level) out of service Sep 16, 2016 2226Z to Oct 01, 2016 2226Z

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 (http://www.faa.gov/air_traffic/publications/notices/).

No current TFR data for this briefing.

Convective SIGMET

current report not available

SIGMET

current report not available

AIRMET

AIRMET issued by the Aviation Weather Center Kansas City, Missouri on the 17th at 0245Z.

Chicago Forecast Area AIRMET Sierra prepared on the 17th at 0245Z.

AIRMET Sierra for IFR valid until the 17th at 0900Z.

AIRMET IFR...North Dakota Minnesota Wisconsin Lake Michigan Lake Superior Michigan Lake Huron Indiana

From 30 miles north of Falls Intl-Einarson Field, International Falls, MN (INL) to Thunder Bay (YQT) to 20 miles east of Sao Simao (SSM) to Detroit, Detroit, MI (DXO) to 50 miles southwest of Detroit, Detroit, MI (DXO) to 20 miles west of Gipper, Niles, MI (GIJ) to 30 miles east-north-east of Green Bay-Austin Straubel International, Green Bay, WI (GRB) to 40 miles south-south-east of Rhinelander-Oneida County, Rhinelander, WI (RHI) to 30 miles north-north-west of Minneapolis-St Paul International, Minneapolis, MN (MSP) to 60 miles south-south-east of Hector International, Fargo, ND (FAR) to 70 miles east-south-east of Bismarck Municipal, Bismarck, ND (BIS) to 80 miles west-south-west of Grand Forks International, Grand Forks, ND (GFK) to 60 miles south-south-east of Winnipeg/James A. Richardson (YWG) to 30 miles north of Falls Intl-Einarson Field, International Falls, MN (INL)

Ceiling below 1,000 feet/visibility below 3 statute miles precipitation/mist. Conditions continuing beyond 0900Z through 1500Z.

AIRMET issued by the Aviation Weather Center Kansas City, Missouri on the 17th at 0245Z.

Chicago Forecast Area AIRMET Sierra prepared on the 17th at 0245Z.

AIRMET Sierra for IFR valid until the 17th at 0900Z.

Outlook valid 0900Z to 1500Z... IFR North Dakota South Dakota Minnesota Iowa Wisconsin Lake Michigan Lake Superior Michigan Lake Huron Illinois Indiana

Bounded by 40 miles north-north-west of Falls Intl-Einarson Field, International Falls, MN (INL) to Thunder Bay (YQT) to 30 miles east of Sao Simao (SSM) to 20 miles north-north-east of Peck, Peck, MI (ECK) to 20 miles northeast of Detroit, Detroit, MI (DXO) to 40 miles south-south-west of Detroit, Detroit, MI (DXO) to 20 miles west-south-west of Gipper, Niles, MI (GIJ) to 40 miles southeast of Chippewa Valley Regional, Eau Claire, WI (EAU) to 30 miles south-south-west of Minneapolis-St Paul International, Minneapolis, MN (MSP) to 60 miles south of Redwood Falls Municipal, Redwood Falls, MN (RWF) to 30 miles south-south-east of Aberdeen Regional, Aberdeen, SD (ABR) to 50 miles east of Grand Forks International, Grand Forks, ND (GFK) to 40 miles north-north-west of Falls Intl-Einarson Field, International Falls, MN (INL)

Ceiling below 1,000 feet/visibility below 3 statute miles precipitation/mist. Conditions continuing through 1500Z.

AIRMET issued by the Aviation Weather Center Kansas City, Missouri on the 17th at 0245Z.

Chicago Forecast Area AIRMET Tango prepared on the 17th at 0245Z.

AIRMET Tango for Turbulence valid until the 17th at 0900Z.

AIRMET Turbulence...Nebraska Kansas Minnesota Iowa Missouri Wisconsin Lake Michigan Lake Superior Michigan Lake Huron Illinois Indiana Kentucky Oklahoma Arkansas Tennessee

From 30 miles north-north-west of Falls Intl-Einarson Field, International Falls, MN (INL) to Thunder Bay (YQT) to Sao Simao (SSM) to Cherry Capital, Traverse City, MI (TVC) to 40 miles south-south-west of Gipper, Niles, MI (GIJ) to Bowling Green-Warren CO Regional, Bowling Green, KY (BWG) to 60 miles west-north-west of Nashville International, Nashville, TN (BNA) to Walnut Ridge Regional, Walnut Ridge, AR (ARG) to 20 miles west of Fort Smith Regional, Fort Smith, AR (FSM) to Will Rogers World, Oklahoma City, OK (OKC) to 20 miles north-north-west of Vance Air Force Base, Enid, OK (END) to Fort Dodge Regional, Fort Dodge, IA (FOD) to Redwood Falls Municipal, Redwood Falls, MN (RWF) to 30 miles north-north-west of Falls Intl-Einarson Field, International Falls, MN (INL)

Moderate turbulence between flight level 270 and 390. Conditions continuing beyond 0900Z through 1500Z.

AIRMET issued by the Aviation Weather Center Kansas City, Missouri on the 17th at 0245Z.

Dallas/Ft. Worth Forecast Area AIRMET Tango prepared on the 17th at 0245Z.

AIRMET Tango for Turbulence valid until the 17th at 0900Z.

AIRMET Turbulence...Oklahoma Arkansas Tennessee Nebraska Kansas Minnesota Iowa Missouri Wisconsin Lake Michigan Lake Superior Michigan Lake Huron Illinois Indiana Kentucky

From 30 miles north-north-west of Falls Intl-Einarson Field, International Falls, MN (INL) to Thunder Bay (YQT) to Sao Simao (SSM) to Cherry Capital, Traverse City, MI (TVC) to 40 miles south-south-west of Gipper, Niles, MI (GIJ) to Bowling Green-Warren CO Regional, Bowling Green, KY (BWG) to 60 miles west-north-west of Nashville International, Nashville, TN (BNA) to Walnut Ridge Regional, Walnut Ridge, AR (ARG) to 20 miles west of Fort Smith Regional, Fort Smith, AR (FSM) to Will Rogers World, Oklahoma City, OK (OKC) to 20 miles north-north-west of Vance Air Force Base, Enid, OK (END) to Fort Dodge Regional, Fort Dodge, IA (FOD) to Redwood Falls Municipal, Redwood Falls, MN (RWF) to 30 miles north-north-west of Falls Intl-Einarson Field, International Falls, MN (INL)

Moderate turbulence between flight level 270 and 390. Conditions continuing beyond 0900Z through 1500Z.

Center Weather Advisory

current report not available

Severe Weather

current report not available

UAS Operating Areas

UAS Operating Area (UOA). This section of the briefing contains UAS Operating Areas filed on the LM Pilot Web Portal and UAS operations issued via NOTAM. All published NOTAMs are available in the Notices to Airmen Publication (http://www.faa.gov/air_traffic/publications/notices/).

NOTAM UAS Operating Area BRD_09/038 DEFINED AS 4NM RADIUS OF BRD220021 (21 NM SSW BRD) SFC-5000FT DLY 1300-2130 1609171300-1609182130.

NOTAM UAS Operating Area NYL_09/013 DEFINED AS 323914N1142834W (NYL073007) TO 323500N1142834W (NYL105007.9) TO 323359N1143212W (NYL120005.4) TO 323648N1143100.00 (NYL098005.3) TO POINT OF ORIGIN SFC-2300FT AGL SAT MON TUE WED THU FRI 0300-1300 1609170300-1610071300.

NOTAM UAS Operating Area FRI_04/002 DEFINED AS 5NM RADIUS OF FRI SFC-2000FT FRI 1300-2100 EXC FEDERAL HOLIDAYS 1604081938-PERM.

NOTAM UAS Operating Area FRI_04/003 DEFINED AS 5NM RADIUS OF FRI SFC-2000FT MON-THU 1300-0600 EXC FEDERAL HOLIDAYS 1604111300-PERM.

NOTAM UAS Operating Area CLE_09/010 DEFINED AS 395858N0790231W (3.7NM SSW 2G9) TO 395438N0790259W (IHD114014.7) TO 395137N0790222W (GRV011013.3) TO 395003N0790231W (GRV011011.3) TO POINT OF ORIGIN SFC-400FT AGL SR-SS 1609021000-1609302359.

NOTAM UAS Operating Area ENA_09/079 DEFINED AS 635615N1454735W (BIG183005) TO 634516N1455120W (BIG172016) TO 633500N14555340W (BIG 169026) TO 633500N1455000W (BIG165026) TO 634445N1454810W (BIG167016) TO 635600N1454430W (BIG166005) TO

635615N1454735W (BIG183005) SFC-2000FT DLY 1500-0400 1609191500-1609240400.

NOTAM UAS Operating Area ENA_09/044 DEFINED AS FBK TO 645030N1473078W (FAI064014) TO 645139N1472953W (FAI060014) TO 645177N1472434W (FAI057016) TO 645229N1471716W (FAI060019) TO 645130N1471248W (FAI064021) TO 644343N1463879W (FAI080035) TO R-2205 1000FT AGL-3500FT DLY 2359-0700 1609122359-1609170700.

NOTAM UAS Operating Area NYL_09/014 DEFINED AS 323914N1142834W (NYL073007) TO 323500N1142834W (NYL105007.9) TO 323359N1143212W (NYL120005.4) TO 323648N1143100.00 (NYL098005.3) TO POINT OF ORIGIN SFC-2300FT AGL 1609191200-1609201430.

Surface Observations

METAR KBRD 170553Z AUTO Brainerd Lakes Regional, Brainerd, MN (KBRD). Sep 17, 0553Z, Automated. Light Rain and Mist, Wind from 230° at 8 knots, 5 statute miles visibility, Ceiling is Broken at 500 feet, Broken Clouds at 4,100 feet, Overcast at 7,500 feet, Temperature 15°C, Dewpoint 15°C, Altimeter is 29.81. Remarks: automated station with precipitation discriminator rain began 45 minutes past the hour ceiling 400 feet variable 800 feet sea level pressure 1009.2 hectopascals 0.01 inches precipitation (water equivalent) in past hour 0.97 inches precipitation (water equivalent) past 6 hours hourly temp 15.0°C dewpoint 15.0°C 6-hour max temp 18.9°C 6-hour min temp 14.4°C 24-hour max temp 21.7°C 24-hour min temp 13.3°C 3-hour atmospheric pressure increasing, then steady, or increasing then increasing more slowly by 0.1 hectopascals

METAR KAIT 170613Z AUTO Aitkin Muni-Steve Kurtz Field, Aitkin, MN (KAIT). Sep 17, 0613Z, Automated. Wind from 230° at 4 knots, 10 statute miles visibility, Scattered Clouds at 1,500 feet, Ceiling is Broken at 4,600 feet, Overcast at 5,500 feet, Temperature 16°C, Dewpoint 13°C, Altimeter is 29.78. Remarks: automated station with precipitation discriminator

METAR KPWC 170613Z AUTO Pine River Regional, Pine River, MN (KPWC). Sep 17, 0613Z, Automated. Wind is Calm, 10 statute miles visibility, Ceiling is Broken at 8,500 feet, Temperature 14°C, Dewpoint 14°C, Altimeter is 29.84. Remarks: automated station with precipitation discriminator

METAR for KRYM is not available

METAR KLXL 170612Z AUTO Little Falls/Morrison Cty Lbrg, Little Falls, MN (KLXL). Sep 17, 0612Z, Automated. Wind from 280° at 3 knots, 10 statute miles visibility, Scattered Clouds at 1,100 feet, Scattered Clouds at 3,700 feet, Ceiling is Broken at 11,000 feet, Temperature 14°C, Dewpoint 13°C, Altimeter is 29.82. Remarks: automated station with precipitation discriminator

METAR KSAZ 170614Z AUTO Staples Municipal, Staples, MN (KSAZ). Sep 17, 0614Z, Automated. Wind from 290° at 6 knots, 10 statute miles visibility, Scattered Clouds at 2,900 feet, Temperature 14°C, Dewpoint 14°C, Altimeter is 29.82. Remarks: automated station with precipitation discriminator

METAR K14Y 170613Z AUTO Todd Field, Long Prairie, MN (K14Y). Sep 17, 0613Z, Automated. Wind from 230° at 4 knots, 10 statute miles visibility, Clear Skies, Temperature 13°C, Dewpoint 13°C, Altimeter is 29.84. Remarks: automated station with precipitation discriminator

METAR KD39 170612Z AUTO Sauk Center Municipal, Sauk Center, MN (KD39). Sep 17, 0612Z, Automated. Wind from 250° at 5 knots, 10 statute miles visibility, Clear Skies, Temperature 13°C, Dewpoint 13°C, Altimeter is 29.84. Remarks: automated station with precipitation discriminator hourly temp 13.2°C

dewpoint 13.1°C

METAR KGHW 170614Z AUTO Glenwood Municipal, Glenwood, MN (KGHW). Sep 17, 0614Z, Automated. Wind from 270° at 7 knots, 10 statute miles visibility, Scattered Clouds at 2,200 feet, Temperature 14°C, Dewpoint 14°C, Altimeter is 29.86. Remarks: automated station with precipitation discriminator

METAR KAXN 170553Z AUTO Chandler Field, Alexandria, MN (KAXN). Sep 17, 0553Z, Automated. Wind from 280° at 6 knots, 10 statute miles visibility, Few clouds at 1,000 feet, Ceiling is Broken at 2,100 feet, Broken Clouds at 3,600 feet, Temperature 14°C, Dewpoint 14°C, Altimeter is 29.86. Remarks: automated station with precipitation discriminator sea level pressure 1011.2 hectopascals hourly temp 14.4°C dewpoint 14.4°C 6-hour max temp 15.6°C 6-hour min temp 13.3°C 24-hour max temp 22.8°C 24-hour min temp 13.3°C 3-hour atmospheric pressure decreasing or steady, then increasing; or increasing then increasing more rapidly by 0.8 hectopascals

Pilot Reports

current report not available

Synopsis

Chicago CONUS area forecast issued by the Aviation Weather Center Kansas City, Missouri on the 17th at 0145Z

FA3W

Chicago area forecast, prepared on the 17th at 0145Z

Synopsis and VFR clouds/weather

Synopsis valid until the 17th at 2000Z

Clouds/weather valid until the 17th at 1400Z...Outlook valid from the 17th at 1400Z to the 17th at 2000Z

North Dakota South Dakota Nebraska Kansas Minnesota Iowa Missouri Wisconsin Lake Michigan Lake Superior Michigan Lake Huron Illinois Indiana Kentucky

Synopsis...Cold front curved from A low along the Minnesota/southwestern Ontario border across eastern Minnesota..Western Iowa..Extreme southeastern northeast-bound and S central Kansas into eastern NM. By 2000Z...Cold front will curve from A low just E of northern Lake Superior across western Lower Michigan..Northwestern IN..Central Illinois..Southwestern Missouri..Northwestern Arkansas and southeastern Oklahoma into extreme southeastern NM.

Area Forecast

Chicago CONUS area forecast issued by the Aviation Weather Center Kansas City, Missouri on the 17th at 0145Z

FA3W

Chicago area forecast, prepared on the 17th at 0145Z

Synopsis and VFR clouds/weather

Synopsis valid until the 17th at 2000Z

Clouds/weather valid until the 17th at 1400Z...Outlook valid from the 17th at 1400Z to the 17th at 2000Z

North Dakota South Dakota Nebraska Kansas Minnesota Iowa Missouri Wisconsin Lake Michigan Lake Superior Michigan Lake Huron Illinois Indiana Kentucky

.

SEE AIRMET SIERRA FOR IFR CONDS And MTN OBSCN.

Thunderstorms imply severe OR greater turbulence severe ice low level wind shear and IFR conditions. Non mean sea level heights denoted by above ground level OR ceiling.

.
Minnesota

Northwestern...Ceilings broken to overcast clouds at 1,000 to 2,000 feet tops at 16,000 feet. Widely scattered light rain showers. Outlook: marginal VFR ceilings.

Northeastern...Broken clouds at 1,500 to 2,500 feet overcast clouds at 5,000 feet layered flight level 200 overcast cirrus. Widely scattered thunderstorms and light rain/light rain showers CB tops at flight level 370. 0500Z through 0800Z, becoming ceilings overcast clouds at 1,000 to 2,000 feet visibility 3 statute miles mist. Outlook: IFR ceilings mist 1700Z through 2000Z, becoming VFR.

Southwestern...Broken clouds at 4,000 to 5,000 feet tops at 13,000 to 15,000 feet. After 0800Z occasional ceilings overcast clouds at 1,000 to 2,000 feet. Outlook: marginal VFR ceilings 1700Z through 2000Z, becoming VFR.

Southeastern...Scattered clouds at 3,500 to 5,000 feet broken cirrus. Outlook: VFR.

Terminal Forecasts

TAF nearest departure: KBRD

Brainerd Lakes Regional, Brainerd, MN (KBRD). Issued Sep 17, 0540Z, valid from Sep 17, 0600Z until Sep 18, 0600Z, Wind from 240° at 5 knots, greater than 6 statute miles visibility, Showers in the Vicinity, Ceiling is Overcast at 500 feet

From Sep 17, 0800Z, Wind from 280° at 7 knots, 2 statute miles visibility, Mist and Showers in the Vicinity, Ceiling is Overcast at 1,500 feet

From Sep 17, 1500Z, Wind from 270° at 8 knots, greater than 6 statute miles visibility, Scattered Clouds at 800 feet, Ceiling is Broken at 1,500 feet

From Sep 17, 1800Z, Wind from 280° at 9 knots, greater than 6 statute miles visibility, Ceiling is Broken at 3,000 feet

From Sep 17, 2000Z, Wind from 280° at 7 knots, greater than 6 statute miles visibility, Scattered Clouds at 4,000 feet

From Sep 18, 0000Z, Wind is variable at 3 knots, greater than 6 statute miles visibility, Sky Clear.

Chandler Field, Alexandria, MN (KAXN). Issued Sep 17, 0520Z, valid from Sep 17, 0600Z until Sep 18, 0600Z, Wind from 290° at 8 knots, greater than 6 statute miles visibility, Scattered Clouds at 2,500 feet, Ceiling is Broken at 7,000 feet

From Sep 17, 0800Z, Wind from 290° at 8 knots, greater than 6 statute miles visibility, Ceiling is Overcast at 2,000 feet

Temporary between Sep 17, 0800Z and Sep 17, 1200Z, Ceiling is Overcast at 800 feet

From Sep 17, 1800Z, Wind from 290° at 9 knots, greater than 6 statute miles visibility, Scattered Clouds at 6,000 feet.

Convective Outlook

ACUS01 KWNS 170559

SWODY1

SPC AC 170558

DAY 1 CONVECTIVE OUTLOOK

NWS STORM PREDICTION CENTER NORMAN OK

1258 AM CDT SAT SEP 17 2016

VALID 171200Z - 181200Z

...THERE IS A SLGT RISK OF SVR TSTMS ACROSS PORTIONS OF THE SRN HIGH PLAINS VICINITY...

...THERE IS A MRGL RISK OF SVR TSTMS SURROUNDING THE HIGH PLAINS SLIGHT RISK AND EXTENDING NWD INTO THE CENTRAL HIGH PLAINS AND EWD ACROSS PARTS OF THE RED RIVER VALLEY...

...THERE IS A MRGL RISK OF SVR TSTMS OVER THE LOWER GREAT LAKES/UPPER OH VALLEY REGION...

...SUMMARY...

SCATTERED STRONG TO SEVERE THUNDERSTORMS ARE POSSIBLE ACROSS PARTS OF THE SOUTHERN AND CENTRAL HIGH PLAINS ON SATURDAY...WITH A FEW STRONG STORMS ALSO POSSIBLE FROM THE OHIO VALLEY INTO THE LOWER GREAT LAKES.

...SYNOPSIS...

BROAD/POSITIVE-TILT UPPER TROUGHING WILL CONTINUE ADVANCING EWD ACROSS THE CENTRAL U.S. SATURDAY...ACCOMPANIED BY A BELT OF ENHANCED FLOW /40 TO 50 KT AT H5/ ON ITS SRN AND ERN PERIPHERY.

AT THE SURFACE...A COLD FRONT WILL PROGRESS EWD ACROSS THE MIDWEST/OH VALLEY REGIONS...WHILE MOVING MORE SLOWLY SEWD ACROSS THE SRN PLAINS VICINITY. THIS BOUNDARY -- AND WEAK LOW-LEVEL WARM ADVECTION ATOP ITS WRN FRINGES IN THE HIGH PLAINS AREA -- WILL SUPPORT SCATTERED SHOWERS AND THUNDERSTORMS ALONG WITH LOCAL SEVERE RISK.

...CENTRAL/SRN HIGH PLAINS...

AFTERNOON SHOWERS AND THUNDERSTORMS ARE FORECAST TO DEVELOP ACROSS THE HIGH PLAINS -- AND POSSIBLY AS FAR E AS CENTRAL OK...AS MARGINAL TO MODERATE AFTERNOON DESTABILIZATION OCCURS NEAR AND N OF THE AFOREMENTIONED SURFACE COLD FRONT AND ALONG/E OF A HIGH-PLAINS LEE TROUGH. WITH ENHANCED /35 TO 45 KT/ MID-LEVEL FLOW ACROSS THE REGION ATOP LOW-LEVEL SLYS...SHEAR SUFFICIENT FOR ORGANIZED/ROTATING STORMS SUGGESTS RISK FOR LOCALLY DAMAGING WINDS AND HAIL. GREATEST RISK FOR WIND COULD EVOLVE DURING THE EVENING...AS SEVERAL CAM RUNS SUGGEST STORMS DEVELOPING OVER THE SERN CO VICINITY POSSIBLY GROWING UPSCALE INTO A BOWING MCS AND PROPAGATING ESEWD TOWARD/INTO WRN OK. OTHERWISE...EXPECT RISK TO REMAIN LOCAL/ISOLATED GIVEN SOMEWHAT LIMITED STORM COVERAGE ANTICIPATED ATTM.

...LOWER GREAT LAKES/UPPER OH VALLEY AREA...

FAIRLY STRONG /40 TO 50 KT/ WLYS IN ROUGHLY THE 850 TO 500 MB LAYER ARE FORECAST ACROSS THE UPPER OH VALLEY/LOWER GREAT LAKES AREA DURING THE AFTERNOON...AS UPPER TROUGHING ADVANCES. MODEST AFTERNOON DESTABILIZATION /AVERAGING NEAR 1000 J/KG MIXED-LAYER CAPE/ EXPECTED OVER THE REGION IN CONJUNCTION WITH INCREASING ASCENT SHOULD YIELD DEVELOPMENT OF SCATTERED SHOWERS AND STORMS ACROSS THE AREA...WITH SHEAR SUPPORTIVE OF ORGANIZED STORMS AND SOME UPSCALE GROWTH INTO BANDS. THOUGH DEGREE OF INSTABILITY -- PARTICULARLY INTO WRN NY/WRN PA -- LIKELY LIMITING RISK TO SOME DEGREE...DAMAGING WIND POTENTIAL APPEARS GREAT ENOUGH TO INITIATE INCLUSION OF 5% PROBABILITY/MRGL RISK AREA ACROSS THIS REGION FOR THE AFTERNOON AND EARLY EVENING HOURS.

..GOSS.. 09/17/2016

\$\$

ACUS02 KWNS 170545

SWODY2

SPC AC 170544

DAY 2 CONVECTIVE OUTLOOK

NWS STORM PREDICTION CENTER NORMAN OK

1244 AM CDT SAT SEP 17 2016

VALID 181200Z - 191200Z

...NO SVR TSTM AREAS FORECAST...

...SUMMARY...

NO ORGANIZED SEVERE THUNDERSTORMS ARE EXPECTED ON SUNDAY.

...SYNOPSIS...

A BELT OF STRONGER WLY FLOW ALOFT WILL ENTER THE NRN PLAINS...AND ACCOMPANY A SERIES OF UPPER DISTURBANCES MOVING ACROSS THE NRN TIER. MOISTURE WILL RETURN NWD INTO THE UPPER MS VALLEY AHEAD OF A COLD FRONT MOVING THROUGH THE CNTRL/NRN PLAINS. A DRYLINE WILL EXTEND SWD FROM NEB ACROSS WEST TX...AND COULD PROVIDE THE FOCUS FOR A FEW STRONGER STORMS DEVELOPING DURING THE AFTERNOON. FARTHER E...A SHORTWAVE TROUGH WILL EXTEND FROM THE LOWER GREAT LAKES INTO THE MID-SOUTH...WITH AN ASSOCIATED WEAK FRONT EFFECTIVELY STALLING NEAR THE OH VALLEY.

...PA/NY INTO WRN NEW ENGLAND...

BROADLY CONFLUENT LOW-LEVEL FLOW WITHIN A MOIST BOUNDARY LAYER WILL SUPPORT THE DEVELOPMENT OF SCATTERED TO WIDESPREAD TSTMS DURING THE AFTERNOON. THE DEGREE OF DIURNAL DESTABILIZATION THAT CAN OCCUR IS UNCERTAIN GIVEN THE LIKELIHOOD OF CLOUD COVER/PRECIPITATION DURING THE MORNING...BUT IF A CORRIDOR OF STRONGER HEATING AND STEEPENING LOW-LEVEL LAPSE RATES CAN OCCUR...SUBSEQUENT CONVECTIVE WIND GUST POTENTIAL WOULD INCREASE GIVEN 40-50 KT OF EFFECTIVE-LAYER SHEAR FORECAST TO BE IN PLACE.

...OK/N TX INTO THE ARKLATEX AND LOWER MS VALLEY...

A SHORTWAVE IMPULSE IS FORECAST TO MOVE ACROSS THE CNTRL PLAINS EARLY SUN MORNING...AND MAY AID IN TSTM INITIATION EARLY IN THE PERIOD ACROSS PARTS OF OK/WEST TX. THERE IS THE POTENTIAL FOR A LONGER-LIVED CLUSTER TO MOVE SEWD INTO N TX OR THE ARKLATEX POSSIBLY REACHING THE LOWER MS VALLEY...WHICH COULD POSE AN ACCOMPANYING STRONG WIND THREAT DURING THE AFTERNOON. HOWEVER...SIGNIFICANT UNCERTAINTY IN THE TIMING OF THE UPPER IMPULSE...AND THE INITIATION/EVOLUTION OF ANY DEVELOPING CLUSTER...PRECLUDE PROBABILISTIC HIGHLIGHTS AT THIS TIME.

...TX PANHANDLE INTO SOUTHWEST TX...

ISOLATED TSTM DEVELOPMENT IS POSSIBLE ALONG A DRYLINE POSITIONED ACROSS FAR NWRN OK INTO THE TX PANHANDLE AND SOUTHWEST TX...BUT THE POTENTIAL FOR CONVECTIVE INITIATION IS UNCERTAIN DUE TO CAPPING LIKELY TO PERSIST INTO THE LATE AFTERNOON. HOWEVER...A CONDITIONAL THREAT FOR HAIL MAY MATERIALIZE...AND IF CONFIDENCE IN CONVECTIVE INITIATION INCREASES IN FUTURE OUTLOOKS...A MARGINAL RISK MAY NEED

TO BE CONSIDERED.
..ROGERS.. 09/17/2016
\$\$

ACUS03 KWNS 160715

SWODY3

SPC AC 160714

DAY 3 CONVECTIVE OUTLOOK

NWS STORM PREDICTION CENTER NORMAN OK

0214 AM CDT FRI SEP 16 2016

VALID 181200Z - 191200Z

...NO SVR TSTM AREAS FORECAST...

...SUMMARY...

NO ORGANIZED SEVERE THUNDERSTORMS ARE EXPECTED ON SUNDAY.

...SYNOPSIS...

A SHORTWAVE TROUGH WILL EXTEND FROM THE UPPER GREAT LAKES SWD TO THE MID-SOUTH AND GRADUALLY SHIFT EWD...AHEAD OF A MORE PROMINENT BELT OF WLY FLOW ALOFT ENTERING THE NRN ROCKIES AND NRN PLAINS. A WEAK SFC COLD FRONT WILL MOVE EWD ACROSS THE OH VALLEY AND LOWER MS VALLEY...AS HIGH PRESSURE BUILDS OVER THE MID-MS VALLEY. MOISTURE WILL RETURN NWD INTO THE ERN DAKOTAS AND MN AHEAD OF A FRONTAL WAVE MOVING ACROSS THE NRN PLAINS.

...UPPER OH VALLEY...

ISOLATED TSTMS ARE FORECAST TO DEVELOP ALONG AN EWD MOVING COLD FRONT AS A SHORTWAVE IMPULSE MOVES THROUGH THE OH VALLEY. MODEST DIURNAL DESTABILIZATION SHOULD OCCUR AHEAD OF THE FRONT AMIDST MID-60S F DEWPOINTS BUT POOR MIDDLE LEVEL LAPSE RATES. BELT OF 40-50 KT MIDDLE LEVEL FLOW COULD SUPPORT A FEW ORGANIZED STORMS CAPABLE OF STRONG WIND GUSTS.

..ROGERS.. 09/16/2016

\$\$

Winds Aloft Forecast

Filed Filed+2k Filed+4k

Station 030 040 060 080 090 120 180 240 300 340 390 450 530

170600Z

0200-0900Z

AXN 310013 306012 300012+08 300011+04 300011+03 290012-02 290018-14 290027-26 290029-44
270038-49 250046-48

DLH 240011 240013 240017+08 233019+04 230020+03 230022-02 220025-15 210039-26 220056-42
230066-47 230051-48

MSP 260020 253020 240021+08 240022+04 240023+03 250025-02 240034-12 240043-25 240053-42
240066-47 240055-48 240041-56 230023-59

171200Z

0900-1800Z

AXN 310022 310021 310021+08 310021+05 310022+04 310028-01 320022-13 290020-26 300019-44
270020-53 260033-50

DLH 300015 296014 290012+08 283014+04 280015+03 280017-02 280025-15 270028-27 280034-44
250038-50 240041-47

MSP 310015 303016 290019+08 290019+05 290019+04 290023-01 280027-12 280025-25 270027-43
260038-50 240044-49 240044-55 250027-59

180000Z

1800-0600Z

AXN 270011 280014 300021+11 300022+07 300023+05 300019+00 300020-13 280020-27 270022-42
280023-51 290021-52

DLH 280016 290016 310017+09 303019+06 300021+05 300022+00 290021-13 280026-26 280023-43
280024-52 280025-52

MSP 290015 296015 310017+10 296017+06 290018+05 290019+00 290020-13 280019-26 270020-42
270026-52 270028-51 260029-54 260026-59

All Apron NOTAMs

All published NOTAMs are available in the Notices to Airmen Publication
(http://www.faa.gov/air_traffic/publications/notices/).

No current Apron NOTAMs data for this briefing.

All Taxiway NOTAMs

All published NOTAMs are available in the Notices to Airmen Publication
(http://www.faa.gov/air_traffic/publications/notices/).

No current Taxiway NOTAMs data for this briefing.

All Runway NOTAMs

All published NOTAMs are available in the Notices to Airmen Publication
(http://www.faa.gov/air_traffic/publications/notices/).

!AIT 07/005 Aitkin Muni-Steve Kurtz Field, Aitkin, MN (KAIT) Runway 34 runway end ID light out of
service Jul 15, 2016 2020Z to Jan 19, 2017 2111Z Estimated

All Aerodrome NOTAMs

All published NOTAMs are available in the Notices to Airmen Publication
(http://www.faa.gov/air_traffic/publications/notices/).

!AXN 09/007 Chandler Field, Alexandria, MN (KAXN) Aerodrome airport all surface work in progress
resurfacing Sep 13, 2016 1100Z to Sep 24, 2016 2300Z

No current Aerodrome NOTAMs data for this briefing.

All Communication NOTAMs

All published NOTAMs are available in the Notices to Airmen Publication (http://www.faa.gov/air_traffic/publications/notices/).

!DRI 09/206 E44 Communication EUGENE island remote communication outlet 122.25 Out of service Sep 15, 2016 1400Z-permanent

All Navigation NOTAMs

All published NOTAMs are available in the Notices to Airmen Publication (http://www.faa.gov/air_traffic/publications/notices/).

No current Navigation NOTAMs data for this briefing.

All Service NOTAMs

All published NOTAMs are available in the Notices to Airmen Publication (http://www.faa.gov/air_traffic/publications/notices/).

No current Service NOTAMs data for this briefing.

All Obstruction NOTAMs

All published NOTAMs are available in the Notices to Airmen Publication (http://www.faa.gov/air_traffic/publications/notices/).

!PNM 09/103 Birch Lake, Deerwood, MN (KM69) Obstruction tower light (Antenna Structure Registration 1020169) 46° 21' 28.80" North 093° 57' 04.90" West (5.7 Nautical miles W M69) 1704.7 Feet (424.9 Feet above ground level) out of service Sep 16, 2016 1726Z to Oct 16, 2016 1725Z

!PNM 09/050 Birch Lake, Deerwood, MN (KM69) Obstruction tower light (Antenna Structure Registration 1295229) 46° 25' 23.60" North 093° 44' 09.50" West (4.6 Nautical miles NE M69) 1524.6 Feet (258.9 Feet above ground level) out of service Sep 09, 2016 0356Z to Oct 08, 2016 0001Z

!PNM 09/081 Moreys, Motley, MN (K22Y) Obstruction tower light (Antenna Structure Registration 1054654) 46° 19' 21.30" North 094° 40' 32.20" West (1.5 Nautical miles W 22Y) 1522.0 Feet (290.0 Feet above ground level) out of service Sep 14, 2016 1530Z to Sep 29, 2016 1530Z

!LXL 09/002 Little Falls/Morrison Cty Lbrg, Little Falls, MN (KLXL) Obstruction tower light (Antenna Structure Registration 1023851) 45° 48' 52.00" North 094° 01' 39.00" West (15.6 Nautical miles east-south-east LXL) 2244.1 Feet (974.4 Feet above ground level) out of service Sep 14, 2016 0049Z to Sep 29, 2016 0049Z

!LXL 09/001 Little Falls/Morrison Cty Lbrg, Little Falls, MN (KLXL) Obstruction tower light (Antenna Structure Registration 1012111) 46° 08' 57.30" North 094° 20' 00.80" West (12.0 Nautical miles NE LXL) 1639.8 Feet (418.0 Feet above ground level) out of service Sep 10, 2016 0247Z to Oct 07, 2016 0247Z

!LXL 08/007 Little Falls/Morrison Cty Lbrg, Little Falls, MN (KLXL) Obstruction tower light (Antenna Structure Registration 1253627) 45° 58' 41.00" North 094° 32' 10.30" West (8.1 Nautical mile west-north-west LXL) 1468.2 Feet (250.0 Feet above ground level) out of service Aug 26, 2016 1314Z to Sep 25, 2016 1200Z

!LXL 08/004 Little Falls/Morrison Cty Lbrg, Little Falls, MN (KLXL) Obstruction tower light (Antenna Structure Registration 1200117) 46° 00' 48.60" North 094° 04' 41.10" West (11.9 Nautical miles east-north-east LXL) 1642.1 Feet (418.0 Feet above ground level) out of service Aug 17, 2016 1424Z to Sep 17, 2016 2300Z

!14Y 08/003 Todd Field, Long Prairie, MN (K14Y) Obstruction tower light (Antenna Structure Registration 1020141) 45° 59' 33.00" North 094° 49' 56.70" West (5.9 Nautical miles north-north-east 14Y) 1829.1 Feet (469.2 Feet above ground level) out of service Aug 29, 2016 0334Z to Sep 28, 2016 0334Z

!PNM 09/064 Henning Municipal, Henning, MN (K05Y) Obstruction tower light (Antenna Structure Registration 1240284) 46° 11' 13.20" North 095° 42' 28.20" West (13.2 Nautical miles west-south-west 05Y) 1672.9 Feet (270.0 Feet above ground level) out of service Sep 11, 2016 1945Z to Oct 09, 2016 2359Z

!PNM 09/055 Henning Municipal, Henning, MN (K05Y) Obstruction tower light (Antenna Structure Registration 1047266) 46° 16' 39.60" North 095° 38' 31.80" West (8.6 Nautical miles W 05Y) 1740.2 Feet (325.1 Feet above ground level) out of service Sep 09, 2016 1441Z to Oct 09, 2016 1400Z

!PNM 08/237 Sauk Center Municipal, Sauk Center, MN (KD39) Obstruction tower light (Antenna Structure Registration 1020144) 45° 49' 25.00" North 095° 07' 40.00" West (10.8 Nautical miles northwest D39) 1752.0 Feet (372.0 Feet above ground level) out of service Aug 31, 2016 1635Z to Oct 01, 2016 1634Z

!GHW 09/001 Glenwood Municipal, Glenwood, MN (KGHW) Obstruction tower light (Antenna Structure Registration 1020179) 45° 36' 22.10" North 095° 23' 08.30" West (3.6 Nautical miles southwest GHW) 1609.9 Feet (337.9 Feet above ground level) out of service Sep 12, 2016 0539Z to Oct 12, 2016 1300Z

!PNM 09/087 Starbuck Municipal, Starbuck, MN (KD32) Obstruction tower light (Antenna Structure Registration 1031154) 45° 37' 26.00" North 095° 32' 15.00" West (1.4 Nautical miles N D32) 1401.6 Feet (91.9 Feet above ground level) out of service Sep 15, 2016 0231Z to Oct 15, 2016 0231Z

!PNM 09/104 KZMP Obstruction tower light (Antenna Structure Registration unknown) 45° 53' 18.98" North 099° 04' 10.56" West (14.6 Nautical miles southeast ASY) 2,304 feet (253FT above ground level) out of service Sep 16, 2016 1924Z to Nov 16, 2016 2300Z

!PNM 09/102 KZMP Obstruction wind turbine farm WI an area defined as 5 nautical miles radius of 480143N1011728W (15.9 Nautical miles S MOT) 2,377 feet (297FT above ground level) not lighted Sep 16, 2016 1644Z to Dec 16, 2016 1640Z

!PNM 09/046 KZMP Obstruction wind turbine farm WI an area defined as .5 Nautical miles radius of 42° 40' 41.39" North 097° 38' 58.23" West (6.2 Nautical miles N 84Y) 2,263 feet (410FT above ground level) not lighted Sep 08, 2016 1850Z to Nov 11, 2016 1850Z

!PNM 09/034 KZMP Obstruction wind turbine farm WI an area defined as 5 nautical miles radius of 461918N0985313W (2NM NE D03) 2,437 feet (280FT above ground level) not lighted Sep 07, 2016 1304Z to Nov 07, 2016 1558Z

!PNM 08/236 KZMP Obstruction wind turbine farm WI an area defined as 5.02 Nautical miles radius of 483751N0981635W (45.4 Nautical miles NE DVL) 2,037 feet (400FT above ground level) not lighted Aug 31, 2016 1327Z to Sep 30, 2016 2359Z

!PNM 08/235 KZMP Obstruction wind turbine farm WI an area defined as 4.78 Nautical miles radius of 432709N0952609W (16SE OTG) 1,932 feet (400FT above ground level) not lighted Aug 31, 2016 1211Z to Sep 30, 2016 2359Z

!PNM 08/229 KZMP Obstruction wind turbine farm WI an area defined as 5 nautical miles radius of 483711N0981804W (46NM NE DVL) 2,049 feet (400FT above ground level) not lighted Aug 30, 2016 1923Z to Sep 30, 2016 1922Z

!PNM 08/226 KZMP Obstruction wind turbine farm WI an area defined as 5.7 Nautical miles radius of 440807N0960830W (26NM E BKX) 2,272 feet (400FT above ground level) not lighted Aug 30, 2016 1538Z to Sep 30, 2016 2359Z

!PNM 08/213 KZMP Obstruction wind turbine farm WI an area defined as 7.67 Nautical miles radius of 471019N0975520W (39.3 Nautical miles NE JMS) 1,882 feet (400FT above ground level) not lighted Aug 28, 2016 1323Z to Sep 28, 2016 2359Z

!PNM 08/197 KZMP Obstruction wind turbine farm WI an area defined as 6 nautical miles radius of 440009N0983458W (6NM southwest 4X4) 2,259 feet (389FT above ground level) not lighted Aug 25, 2016 1901Z to Sep 30, 2016 1900Z

!PNM 08/177 KZMP Obstruction wind turbine farm WI an area defined as 3 nautical miles radius of 442209N0992747W (10NM S 9D0) unknown (328FT above ground level) not lighted Aug 22, 2016 1427Z to Aug 22, 2017 1427Z

!PNM 08/159 KZMP Obstruction wind turbine farm WI an area defined as 2.36 Nautical miles radius of 432035N0935323W (15.7 Nautical miles northwest FXY) 1,731 feet (400FT above ground level) not lighted Aug 19, 2016 0123Z to Sep 18, 2016 2300Z Estimated

!PNM 08/156 KZMP Obstruction wind turbine farm WI an area defined as 7.29 Nautical miles radius of 431159N0934703W (11.8 Nautical miles west-south-west FXY) 1,731 feet (400FT above ground level) not lighted Aug 18, 2016 2031Z to Sep 18, 2016 2349Z

!PNM 08/146 KZMP Obstruction wind turbine farm WI an area defined as 10 nautical miles radius of 470939N1011236W (17NM east-south-east HZE) unknown (984FT above ground level) not lighted Aug 17, 2016 1617Z to Sep 29, 2016 2359Z

!PNM 08/143 KZMP Obstruction wind turbine farm WI an area defined as 5.3 Nautical miles radius of 451249N0975415W (29.6 Nautical miles southeast ABR) 2,256 feet (400FT above ground level) not lighted Aug 17, 2016 1231Z to Sep 17, 2016 2000Z

!PNM 07/215 KZMP Obstruction wind turbine farm WI an area defined as 10 nautical miles radius of 4312197N09537027W (8.5 Nautical miles N 2Y0) 1,572 feet (FT 443 feet above ground level) not lighted Jul 29, 2016 1100Z to Nov 25, 2016 2100Z

!PNM 04/162 KZMP Obstruction wind turbine farm WI an area defined as 1 nautical mile radius of

ISB050005.3 (5.3 Nautical miles NE ISB) unknown (400FT above ground level) not lighted Apr 25, 2016 1902Z to Oct 31, 2016 2359Z

!MLC 06/040 HAX Obstruction tower light (Aeronautical Study Number 2013-ASW-8147-OE) 354739N0951659W (7.0 Nautical miles east-north-east HAX) 764 feet (250FT above ground level) out of service Jun 03, 2016 1414Z to May 31, 2017 2200Z

!MLC 06/039 HAX Obstruction tower light (Aeronautical Study Number 2013-ASW-8148-OE) 354755N0951659W (7.1 Nautical mile east-north-east HAX) 763 feet (250FT above ground level) out of service Jun 03, 2016 1412Z to May 31, 2017 2200Z

!MLC 06/038 HAX Obstruction tower light (Aeronautical Study Number 2013-ASW-8150-OE) 354808N0951846W (5.9 Nautical miles NE HAX) 731 feet (215FT above ground level) out of service Jun 03, 2016 1411Z to May 31, 2017 2200Z

!AXN 09/014 Chandler Field, Alexandria, MN (KAXN) Obstruction tower light (Antenna Structure Registration 1221923) 45° 52' 33.90" North 095° 28' 06.30" West (3.1 Nautical mile W AXN) 1637.1 Feet (250.0 Feet above ground level) out of service Sep 16, 2016 2226Z to Oct 01, 2016 2226Z

All Airspace NOTAMs

All published NOTAMs are available in the Notices to Airmen Publication (http://www.faa.gov/air_traffic/publications/notices/).

!BRD 09/038 Brainerd Lakes Regional, Brainerd, MN (KBRD) Airspace unmanned aircraft system WI an area defined as 4 nautical miles radius of BRD220021 (21NM south-south-west BRD) surface-5,000 feet daily 1300-2130 Sep 17, 2016 1300Z to Sep 18, 2016 2130Z

!BRD 09/036 Brainerd Lakes Regional, Brainerd, MN (KBRD) Airspace airdrop WI an area defined as 3 nautical miles either side of A line FM BRD202008 to BRD255021 to BRD272021 surface-3,300 feet Sep 17, 2016 1630Z to Sep 17, 2016 2000Z

!PNM 09/101 KZMP Airspace hot air balloon within an area defined as 30 nautical miles radius of DLH110005 (5NM southeast DLH) surface-5,000 feet Sep 18, 2016 1130Z to Sep 18, 2016 1330Z

!PNM 09/085 KZMP Airspace hot air balloon WI an area defined as 10 nautical miles radius of LMN318031 (CSQ) surface-8,000 feet daily 2200-0020 Sep 16, 2016 2200Z to Sep 18, 2016 0020Z

!PNM 09/084 KZMP Airspace hot air balloon WI an area defined as 10 nautical miles radius of LMN318031 (CSQ) surface-8,000 feet daily 1155-1600 Sep 17, 2016 1155Z to Sep 18, 2016 1600Z

!PNM 09/083 KZMP Airspace see misted 09/036 airdrop Sep 17, 2016 1630Z to Sep 17, 2016 2000Z

!PNM 09/078 KZMP Airspace hot air balloon within an area defined as 30 nautical miles radius of DLH110005 (5NM southeast DLH) surface-5,000 feet daily 1130-1330 Sep 15, 2016 1130Z to Sep 17, 2016 1330Z

!PNM 09/077 KZMP Airspace hot air balloon within an area defined as 30 nautical miles radius of DLH110005 (5NM southeast DLH) surface-5,000 feet daily 2130-0030 Sep 15, 2016 2130Z to Sep 18, 2016 0030Z

!PNM 06/235 KZMP Airspace unmanned aircraft system WI an area defined as .5 Nautical miles radius of 403431N0980814W (14NM east-south-east HSI) surface-400 feet above ground level daily 1300-2200 Jul 01, 2016 1300Z to Oct 31, 2016 2200Z

All Special Use Airspace NOTAMs

!SUAC 09/741 KZMP Airspace R4301 active surface-15,000 feet Sep 18, 2016 0501Z to Sep 18, 2016 0700Z

!SUAC 09/668 KZMP Airspace R5401 active surface-5,000 feet Sep 17, 2016 1200Z to Sep 17, 2016 2359Z

!SUAC 09/661 KZMP Airspace R4301 active surface-15,000 feet Sep 17, 2016 1100Z to Sep 17, 2016 1229Z

All Unverified Aeronautical Information NOTAMs

All published NOTAMs are available in the Notices to Airmen Publication (http://www.faa.gov/air_traffic/publications/notices/).

No current Unverified Aeronautical Information NOTAMs data for this briefing.

All Other NOTAMs

All published NOTAMs are available in the Notices to Airmen Publication (http://www.faa.gov/air_traffic/publications/notices/).

No current Other NOTAMs data for this briefing.

All NOTAMs without keywords

All published NOTAMs are available in the Notices to Airmen Publication (http://www.faa.gov/air_traffic/publications/notices/).

!ZNB 09/025 ZNB CZNB remote communications outlet 126.7, 364.2, 121.5 And 243.0 At shepherd bay unserviceable 1500-2359 daily Sep 17, 2016 1500Z to Sep 18, 2016 2359Z

!ZNB 09/024 ZNB CZNB remote communications outlet 126.7 And 122.375 At Baker lake unserviceable Sep 15, 2016 2231Z to Sep 19, 2016 2359Z

All FDC NOTAMs

All published NOTAMs are available in the Notices to Airmen Publication (http://www.faa.gov/air_traffic/publications/notices/).

!FDC 6/5193 22ME SPECIAL Bar Harbor Heliport, BAR HARBOR, ME. COPTER RNAV (GPS) 022 DEPARTURE (PILOT NAV), ORIG ... PROCEDURE NA. 17 MAY 13:52 2016 UNTIL 27 DEC 13:52 2016

ESTIMATED. CREATED: 17 MAY 13:52 2016

!FDC 5/8197 2ME2 SPECIAL NORTH HAVEN, NORTH HAVEN, ME. COPTER RNAV (GPS) 135 DEPARTURE (PILOT NAV), ORIG ... PROCEDURE NA. 25 NOV 19:51 2015 UNTIL 23 MAY 19:51 2016 ESTIMATED. CREATED: 25 NOV 19:51 2015

!FDC 6/2117 4A7 STAR HENRY COUNTY AIRPORT, HAMPTON, GA. AWSON THREE ARRIVAL...4A7 HAS BEEN CHANGED TO HMP, LANDINGS NOT AUTHORIZED TO HMP VIA AWSON STAR. 15 SEP 09:09 2016 UNTIL 15 SEP 09:00 2017. CREATED: 15 SEP 10:08 2016

!FDC 6/2116 4A7 STAR HENRY COUNTY AIRPORT, HAMPTON, GA. DEHAN ONE... ARRIVAL ATC ASSIGNED ONLY. 15 SEP 09:09 2016 UNTIL 15 SEP 09:00 2017. CREATED: 15 SEP 10:08 2016

!FDC 6/2112 4A7 STAR HENRY COUNTY AIRPORT, HAMPTON, GA. BUKHD ONE... ARRIVAL ATC ASSIGNED ONLY. 15 SEP 09:01 2016 UNTIL 15 SEP 09:00 2017. CREATED: 15 SEP 09:58 2016

!FDC 5/8198 4ME9 SPECIAL NORWAY HELIPORT, NORWAY, ME. COPTER RNAV (GPS) 024 DEPARTURE (PILOT NAV) , ORIG ... PROCEDURE NA. 25 NOV 19:53 2015 UNTIL 23 MAY 19:53 2016 ESTIMATED. CREATED: 25 NOV 19:53 2015

!FDC 6/5310 4OH2 IAP , , . COPTER RNAV (GPS) 160, AMDT 1... PROCEDURE NA. 29 JUL 21:07 2016 UNTIL 10 MAR 21:07 2017 ESTIMATED. CREATED: 29 JUL 21:07 2016

!FDC 6/3190 4OH2 SPECIAL BETHESDA HOSPITAL HELISTOP, ZANESVILLE, OH. COPTER RNAV (GPS) 160, AMDT 1... IFR DEPARTURE NA. 08 MAR 14:21 2016 UNTIL 18 OCT 14:21 2016 ESTIMATED. CREATED: 08 MAR 14:21 2016

!FDC 5/8110 99ME SPECIAL ISLE AU HAUT, ISLE AU HAUT, ME. COPTER RNAV (GPS) 036 DEPARTURE (PILOT NAV), ORIG ... PROCEDURE NA. 25 NOV 18:14 2015 UNTIL 23 MAY 18:14 2016 ESTIMATED. CREATED: 25 NOV 18:15 2015

!FDC 6/3113 CN52 SPECIAL OROVILLE HOSPITAL, OROVILLE, CA. COPTER RNAV (GPS) 090, ORIG... LNAV MDA 680/HAS 316, VISIBILITY 3/4 MILE. 26 AUG 19:58 2016 UNTIL 07 APR 19:58 2017 ESTIMATED. CREATED: 26 AUG 19:58 2016

!FDC 5/8097 ME21 SPECIAL CHEBEAGUE ISLAND, CHEBEAGUE ISLAND, ME. COPTER RNAV (GPS) 158 DEPARTURE (PILOT NAV), ORIG ... PROCEDURE NA. 25 NOV 17:53 2015 UNTIL 23 MAY 17:52 2016 ESTIMATED. CREATED: 25 NOV 17:53 2015

!FDC 5/8099 ME77 SPECIAL CRANBERRY ISLES, CRANBERRY ISLES, ME. COPTER RNAV (GPS) 129 DEPARTURE (PILOT NAV), ORIG ... PROCEDURE NA. 25 NOV 17:58 2015 UNTIL 23 MAY 17:58 2016 ESTIMATED. CREATED: 25 NOV 17:59 2015

!FDC 5/8159 ME98 SPECIAL LONG ISLAND, LONG ISLAND, ME. COPTER RNAV (GPS) 306, ORIG ... IFR DEPARTURE NA. 25 NOV 18:53 2015 UNTIL 23 MAY 18:52 2016 ESTIMATED. CREATED: 25 NOV 18:53 2015

All General FDC NOTAMs

All published NOTAMs are available in the Notices to Airmen Publication

(http://www.faa.gov/air_traffic/publications/notices/).

!FDC 6/7903 KZMP ...SPECIAL NOTICE...THE 2016 WILDLAND FIRE SEASON IS UNDERWAY AND DUE TO DRY CONDITIONS AND PREDICTED WEATHER PATTERNS THE POTENTIAL FOR GROUND BASED AND AIRBORNE FIREFIGHTING EFFORTS EXIST ACROSS MOST OF THE WESTERN UNITED STATES. ALL PILOTS, INCLUDING THOSE OPERATING UNMANNED AIRCRAFT SYSTEMS (UAS) ARE STRONGLY ADVISED TO CHECK NOTAMS FOR TEMPORARY FLIGHT RESTRICTIONS (TFR) PRIOR TO EACH FLIGHT TO ENSURE THEY DO NOT OPERATE WITHIN AIRSPACE THAT IS RESTRICTED FOR OR IN THE VICINITY OF WILDLAND FIREFIGHTING ACTIVITY. PILOTS AND UAS OPERATORS SHOULD BE AWARE THAT OPERATING AN AIRCRAFT, INCLUDING A UAS, IN A MANNER THAT INTERFERES WITH EMERGENCY RESPONSE ACTIVITY MAY RESULT IN CIVIL AND CRIMINAL CHARGES. AIRCRAFT/UAS OPERATORS FLYING IN THE VICINITY OF BODIES OF WATER SHOULD MAINTAIN EXTRA VIGILANCE FOR AND NOT INTERFERE WITH AIRBORNE FIREFIGHTING AIRCRAFT UTILIZING THE WATER SOURCE TO REPLENISH ONBOARD TANKS AND WATER DROP BUCKETS. FOR THE LATEST LOCATION AND INFORMATION ON CURRENT FIRE FIGHTING TFRS AND ACTIVITIES, CONTACT FLIGHT SERVICE AT 800-992-7433. 27 JUN 15:30 2016 UNTIL 01 NOV 23:59 2016. CREATED: 27 JUN 15:38 2016

!FDC 6/5270 KZMP NE..ROUTE ZMP ZKC. V307 PAWNEE CITY (PWE) VORTAC, NE R-189 TO ALMAS INT, KS MOCA 3000. 31 AUG 13:16 2016 UNTIL 12 APR 13:16 2017 ESTIMATED. CREATED: 31 AUG 13:16 2016

!FDC 6/3947 KZMP AIRSPACE..SPECIAL NOTICE..THE FLT INFORMATION SERVICES BCST DATA SOURCE FOR ZMP ARTCC AIRSPACE IS CHANGING. ALL FLT INFORMATION SERVICES BCST PRODUCT FORMATS REMAIN UNCHANGED AND EXISTING AVIONICS SHOULD REMAIN COMPATIBLE WITH THE NEW DATA SOURCE. NOTAM-D AND NOTAM-FDC PRODUCTS THAT ARE OLDER THAN 30 DAYS WILL NO LONGER BE UPLINKED WHEN THIS CHANGE IS IMPLEMENTED. THIS UPDATE WILL OCCUR BTN 1200UTC AND 2200UTC ON SEPTEMBER 21 2016 AND WILL BE PERMANENT. ANY OBSERVED ISSUES SHOULD BE REPORTED VIA EMAIL TO ADSB@FAA.GOV. 21 SEP 12:00 2016 UNTIL PERM. CREATED: 17 SEP 01:47 2016

!FDC 6/3485 KZMP WI..ROUTE ZMP. V345 HOMLO, WI TO HAYWARD (HYR) VOR/DME, WI NA. 27 JUL 17:59 2016 UNTIL 08 MAR 17:58 2017 ESTIMATED. CREATED: 27 JUL 17:59 2016

!FDC 6/3481 KZMP WI..ROUTE ZMP. V177 HAYWARD (HYR) VOR/DME, WI TO DULUTH (DLH) VORTAC, MN NA. 27 JUL 17:57 2016 UNTIL 08 MAR 17:57 2017 ESTIMATED. CREATED: 27 JUL 17:57 2016

!FDC 6/0833 KZMP MN..ROUTE ZMP. V161, V82 BRAINERD (BRD) VORTAC, MN TO GOLLF, MN MEA 7000. V161, V82 GOLLF, MN TO GOPHER (GEP) VORTAC, MN MEA 3000. BRD R-156 UNUSABLE BLO 7000. V161, V82 GOLLF, MN MCA 7000 NORTHBOUND. 28 MAR 19:45 2016 UNTIL 07 NOV 19:45 2016 ESTIMATED. CREATED: 28 MAR 19:46 2016

!FDC 6/7903 KZMP ...SPECIAL NOTICE...THE 2016 WILDLAND FIRE SEASON IS UNDERWAY AND DUE TO DRY CONDITIONS AND PREDICTED WEATHER PATTERNS THE POTENTIAL FOR GROUND BASED AND AIRBORNE FIREFIGHTING EFFORTS EXIST ACROSS MOST OF THE WESTERN UNITED STATES. ALL PILOTS, INCLUDING THOSE OPERATING UNMANNED AIRCRAFT SYSTEMS (UAS) ARE STRONGLY ADVISED TO CHECK NOTAMS FOR TEMPORARY FLIGHT RESTRICTIONS (TFR) PRIOR TO EACH FLIGHT TO ENSURE THEY DO NOT OPERATE

WITHIN AIRSPACE THAT IS RESTRICTED FOR OR IN THE VICINITY OF WILDLAND FIREFIGHTING ACTIVITY. PILOTS AND UAS OPERATORS SHOULD BE AWARE THAT OPERATING AN AIRCRAFT, INCLUDING A UAS, IN A MANNER THAT INTERFERES WITH EMERGENCY RESPONSE ACTIVITY MAY RESULT IN CIVIL AND CRIMINAL CHARGES. AIRCRAFT/UAS OPERATORS FLYING IN THE VICINITY OF BODIES OF WATER SHOULD MAINTAIN EXTRA VIGILANCE FOR AND NOT INTERFERE WITH AIRBORNE FIREFIGHTING AIRCRAFT UTILIZING THE WATER SOURCE TO REPLENISH ONBOARD TANKS AND WATER DROP BUCKETS. FOR THE LATEST LOCATION AND INFORMATION ON CURRENT FIRE FIGHTING TFRS AND ACTIVITIES, CONTACT FLIGHT SERVICE AT 800-992-7433. 27 JUN 15:30 2016 UNTIL 01 NOV 23:59 2016. CREATED: 27 JUN 15:38 2016

!FDC 6/5270 KZMP NE..ROUTE ZMP ZKC. V307 PAWNEE CITY (PWE) VORTAC, NE R-189 TO ALMAS INT, KS MOCA 3000. 31 AUG 13:16 2016 UNTIL 12 APR 13:16 2017 ESTIMATED. CREATED: 31 AUG 13:16 2016

!FDC 6/3947 KZMP AIRSPACE..SPECIAL NOTICE..THE FLT INFORMATION SERVICES BCST DATA SOURCE FOR ZMP ARTCC AIRSPACE IS CHANGING. ALL FLT INFORMATION SERVICES BCST PRODUCT FORMATS REMAIN UNCHANGED AND EXISTING AVIONICS SHOULD REMAIN COMPATIBLE WITH THE NEW DATA SOURCE. NOTAM-D AND NOTAM-FDC PRODUCTS THAT ARE OLDER THAN 30 DAYS WILL NO LONGER BE UPLINKED WHEN THIS CHANGE IS IMPLEMENTED. THIS UPDATE WILL OCCUR BTN 1200UTC AND 2200UTC ON SEPTEMBER 21 2016 AND WILL BE PERMANENT. ANY OBSERVED ISSUES SHOULD BE REPORTED VIA EMAIL TO ADSB@FAA.GOV. 21 SEP 12:00 2016 UNTIL PERM. CREATED: 17 SEP 01:47 2016

!FDC 6/3485 KZMP WI..ROUTE ZMP. V345 HOMLO, WI TO HAYWARD (HYR) VOR/DME, WI NA. 27 JUL 17:59 2016 UNTIL 08 MAR 17:58 2017 ESTIMATED. CREATED: 27 JUL 17:59 2016

!FDC 6/3481 KZMP WI..ROUTE ZMP. V177 HAYWARD (HYR) VOR/DME, WI TO DULUTH (DLH) VORTAC, MN NA. 27 JUL 17:57 2016 UNTIL 08 MAR 17:57 2017 ESTIMATED. CREATED: 27 JUL 17:57 2016

!FDC 6/0833 KZMP MN..ROUTE ZMP. V161, V82 BRAINERD (BRD) VORTAC, MN TO GOLLF, MN MEA 7000. V161, V82 GOLLF, MN TO GOPHER (GEP) VORTAC, MN MEA 3000. BRD R-156 UNUSABLE BLO 7000. V161, V82 GOLLF, MN MCA 7000 NORTHBOUND. 28 MAR 19:45 2016 UNTIL 07 NOV 19:45 2016 ESTIMATED. CREATED: 28 MAR 19:46 2016

All International NOTAMs

All published NOTAMs are available in the Notices to Airmen Publication (http://www.faa.gov/air_traffic/publications/notices/).

KICZ 16/A0019 KICZ 20160909121100 PERM Security..United states of America advisory for Tehran (OIIX) flight information region (FIR) those persons described IN paragraph A below are advised to exercise caution when flying IN the Tehran (OIIX) flight information region (FIR) due to military activity associated with the conflicts IN Syria and Iraq. Before operating IN OR adjacent to the Tehran Flight Information Region (OIIX) carefully review current NOTAMS and be familiar with current conditions IN the middle east. A. Applicability. This NOTAM applies to: all United States air carriers and commercial OPERATORS; all persons exercising the privileges of an airman certificate issued by the FAA, except such persons operating U.S.-Registered aircraft for A foreign air CARRIER; and all operators of aircraft registered IN the united states, except where the operator of such aircraft IS A foreign air carrier. B. Planning. Those persons

described IN paragraph A planning to fly IN the Tehran Flight Information Region (OIIX) must review current security/threat information and NOTAMS; comply with all applicable FAA regulations, operations specifications, management specifications, and letters of authorization, including updating B450. Iranian civil aviation authorities May issue NOTAMS describing required procedures for entry into the Tehran Flight Information Region (OIIX). Any person described IN paragraph A planning A flight through the Tehran Flight Information Region (OIIX) should file A flight plan well IN advance and carefully adhere to that flight plan, unless otherwise directed by air traffic control, and to all air traffic clearances while IN the Tehran Flight Information Region (OIIX). The United States department of state has issued A travel warning for Iran advising, IN part, that the United States government does not currently maintain diplomatic OR consular relations with the Islamic Republic of Iran, and that the SWISS government, acting through its embassy IN Tehran, serves as the protecting power for United States interests IN Iran. Any United States operator making an unanticipated landing IN Iran should contact the United States interests section at the SWISS embassy IN Tehran for any needed assistance at telephone +98-21-2279-3912 OR +98-21-2279-3697. C. Operations. Exercise caution during flight operations due to military activity IN the Tehran Flight Information Region (OIIX) associated with the ongoing conflicts IN Syria and Iraq. Those persons described IN paragraph A must report safety and/OR security incidents to the FAA at +1 202-267-3333 OR 1-844-412-1794. The justification for this advisory will be RE-evaluated by 9 September 2017. Additional information IS provided at: http://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/. Surface - unlimited 09 September 12:11 2016 until 09 September 23:59 2017 estimated. Created: 09 September 12:18 2016

KICZ 16/A0017 KICZ 20160808124500 PERM Security..United states of America advisory for south Sudan those persons described IN paragraph A should exercise caution flying into, out of, WI OR over the territory and airspace of south Sudan at altitudes below flight level 260 due to the hazardous situation Created by the ongoing fighting IN south Sudan. A. Applicability. This NOTAM applies to: all United States air carriers and commercial OPERATORS; all persons exercising the privileges of an airman certificate issued by the FAA, except such persons operating U.S.-Registered aircraft for A foreign air CARRIER; and all operators of aircraft registered IN the united states, except where the operator of such aircraft IS A foreign air carrier. B. Planning. Those persons described IN paragraph A planning to fly into, out of, WI, OR over the above-named area must review current security/threat information and NOTAMS; comply with all applicable FAA regulations, letters of authorization, management specifications and operations specifications, including updating B450; and provide at least 72 hours advance notice of planned flights to the FAA at AEO-CITEWATCH@FAA.Governor with specific flight details whenever possible. If A person described IN paragraph A has less than 72 hours advance notice of such A flight, that person must provide notice to the FAA at AEO-CITEWATCH@FAA.Governor as far IN advance of the planned flight as possible. C. Operations. Exercise caution during flight operations due to the potential risk from small-arms fire, rocket-propelled grenades, Anit-aircraft fire, and shoulder-fired MAN-portable air defense systems (MANPADS). IN addition, while some attacks have been intentional, command and control deficiencies and/OR misidentification of aircraft have likely led to government and rebel forces mistakenly firing on civil aviation, particularly on the ground and at low altitudes. Those persons described IN paragraph A must report safety and/OR security incidents to the FAA at +1 202-267-3333. The justification for this advisory will be RE-evaluated by 8 August 2017. Additional information IS provided at: https://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS. Surface - flight level 259 08 August 12:45 2016 until 08 August 23:59 2017 estimated. Created: 08 August 12:44 2016

KICZ 16/A0012 KICZ 20160527105500 PERM Security..United states of America advisory for north Korea Pyongyang (ZKKP) flight information region (FIR) those persons described IN paragraph A below are advised to exercise caution when flying IN OR near the Pyongyang (ZKKP) flight information region (FIR) east of 132 degrees east longitude due to north KOREAS history of unannounced launching of medium-range ballistic missiles. A. Applicability. This NOTAM applies to: all United States air carriers and commercial OPERATORS; all persons exercising the privileges of an airman certificate issued by the FAA, except such

persons operating United States registered aircraft for A foreign air CARRIER; and all operators of aircraft registered IN the united states, except where the operator of such aircraft IS A foreign air carrier. B. Planning. Those persons described IN paragraph A planning for and operating IN and around the Pyongyang Flight Information Region (ZKKP) east of 132 degrees east longitude must review current security/threat information and NOTAMS; and comply with all applicable FAA regulations, operations specifications, management specifications, and letters of authorization, including updating B450. C. Operations. Exercise caution during flight operations due to possible unannounced ballistic missile launches. Between march and April 2016, north Korea conducted unannounced launches of short range ballistic missiles into the sea of japan. IN addition, north Korea has launched medium range ballistic missiles which have the ability to travel beyond 132 degrees east longitude (132 degrees east longitude IS the eastern boundary of special federal aviation regulation (SFAR) 79). SFAR 79 prohibits the persons described IN paragraph A from flying IN the Pyongyang (ZKKP) Flight Information Region west of 132 degrees east longitude. IN addition, unannounced ballistic missile launches into the sea of japan with potential ranges that extend beyond the SFAR 79 boundaries May occur. Those persons described IN paragraph A must report any observed rocket OR missile launches near the Korean peninsula to the FAA at AEO-CITEWATCH@FAA.Governor OR +1 202-267-3333 OR 1-844-412-1794. The justification for this advisory will be RE-evaluated by 27 May 2017. Additional information IS provided at: http://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/. Surface - unlimited 27 May 10:55 2016 until 27 May 23:59 2017 estimated. Created: 27 May 11:06 2016

KICZ 16/A0011 KICZ 20160527110200 PERM Security..United states of America advisory for Korean peninsula Incheon (RKRR) flight information region (FIR) those persons described IN paragraph A below are advised to exercise caution when flying IN the Incheon (RKRR) Flight Information Region, especially near Seoul, south Korea, due to possible interference with, OR disruption of Global Positioning System navigation systems. A. Applicability. This NOTAM applies to: all United States air carriers and commercial OPERATORS; all persons exercising the privileges of an airman certificate issued by the FAA, except such persons operating U.S.-Registered aircraft for A foreign air CARRIER; and all operators of aircraft registered IN the united states, except where the operator of such aircraft IS A foreign air carrier. B. Planning. Those persons described IN paragraph A planning for and operating IN the Incheon Flight Information Region (RKRR) should be prepared to use non-Global Positioning System RELIANT NAVIGATION; must review current security/threat information and NOTAMS; and comply with all applicable FAA regulations, operations specifications (OPSPEC), management specifications (MSPEC), and letters of authorization (LOA), including updating OPSPEC/MSPEC/LOA B450. C. Operations. Exercise caution during flight operations as there have been reports of civil aircraft experiencing Global Positioning System navigation systems interference and/OR disruption. Between march and April 2016, aircraft operating IN the vicinity of Incheon international airport (RKSI) experienced interference and/OR disruption similar to those experienced IN 2012. Those persons described IN paragraph A must report any Global Positioning System interference OR disruption to the FAA at AEO-CITEWATCH@FAA.Governor OR +1 202-267-3333 OR 1-844-412-1794. The justification for this advisory will be RE-evaluated by 27 May 2017. Additional information IS provided at: http://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/. Surface - unlimited 27 May 11:02 2016 until 27 May 23:59 2017 estimated. Created: 27 May 11:06 2016

KICZ 16/A0009 KICZ 20160330111300 PERM Security..United states of America advisory for Egypt Sinai peninsula those persons described IN paragraph A below should avoid flying into, out of, within OR over the Sinai peninsula IN the Cairo (HECC) flight information region (FIR) at altitudes below flight level 260 within the following lateral limits: 311855N0321900E to 294443N0322815E to 281650N0331928E to 272900N0341900E to 292920N0345500E then along the Egypt/Israel border to 311800N0341300E to 311855N0321900E. A. Applicability. This NOTAM applies to: all United States air carriers and commercial OPERATORS; all persons exercising the privileges of an airman certificate issued by the FAA, except such persons operating U.S.-Registered aircraft for A foreign air CARRIER; and all operators of aircraft registered IN the united states, except where the operator of such aircraft IS A foreign air carrier. B. Planning. Those

persons described IN paragraph A planning to fly into, out of, within, OR over the above-named area must review current security/threat information and NOTAMS; comply with all applicable FAA regulations, operations specifications, management specifications, and letters of authorization, including updating B450; and provide at least 72 hours advance notice of planned flights to the FAA at AEO-CITEWATCH@FAA.Governor with specific flight details to the maximum extent possible. C. Operations. Exercise extreme caution during flight operations due to the potential risk from extremist/militant attacks involving MAN-portable air defense systems (MANPADS), Anit-TANK missiles, small-arms fire, and indirect fire from mortars and rockets targeting Sinai airports and aircraft. Those persons described IN paragraph A must report safety and/OR security incidents to the FAA at +1 202-267-3333 OR 1 202-267-3203. The justification for this advisory will be RE-evaluated by 30 march 2017. Additional information IS provided at: http://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/. Surface - flight level 259 30 March 11:13 2016 until 30 March 23:59 2017 estimated. Created: 30 March 11:20 2016

KICZ 16/A0006 KICZ 20160226145200 PERM Security..United states of America advisory for Mali those persons described IN paragraph A below should avoid flying into, out of, within OR over the territory and airspace of Mali at altitudes below flight level 260 due to ongoing extremist/militant activity. A. Applicability. This NOTAM applies to: all United States air carriers and commercial OPERATORS; all persons exercising the privileges of an airman certificate issued by the FAA, except such persons operating U.S.-Registered aircraft for A foreign air CARRIER; and all operators of aircraft registered IN the united states, except where the operator of such aircraft IS A foreign air carrier. B. Planning. Those persons described IN paragraph A planning to fly into, out of, within, OR over the above-named area at altitudes below flight level 260 must review current security/threat information and NOTAMS; comply with all applicable FAA regulations, operations specifications, management specifications, and letters of authorization, including updating B450; and provide at least 72 hours advance notice of planned flights to the FAA at AEO-CITEWATCH@FAA.Governor with specific flight details to the maximum extent possible. C. Operations. Exercise extreme caution during flight operations due to the risk to safety from small-arms, rocket-propelled grenades, mortars, Anit-aircraft fire and shoulder-fired MAN-portable air defense systems (MANPADS). Those persons described IN paragraph A must report safety and/OR security incidents to the FAA at +1 202-267-3333 OR +1 202-267-3203. The justification for this advisory will be RE-evaluated by 26 February 2017. Additional information IS provided at: https://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/. Surface - flight level 259 26 February 14:52 2016 until 26 February 23:59 2017 estimated. Created: 26 February 14:57 2016

KICZ 16/A0005 KICZ 20160226144700 PERM Security..United states of America advisory for Kenya those persons described IN paragraph A below are advised to exercise caution when flying into, out of, within, OR over the territory and airspace of Kenya at altitudes below flight level 260 due to the possibility of extremist/militant activity. A. Applicability. This NOTAM applies to: all United States air carriers and commercial OPERATORS; all persons exercising the privileges of an airman certificate issued by the FAA, except such persons operating U.S.-Registered aircraft for A foreign air CARRIER; and all operators of aircraft registered IN the united states, except where the operator of such aircraft IS A foreign air carrier. B. Planning. Those persons described IN paragraph A planning to fly into, out of, within, OR over the above-named area must review current security/threat information and NOTAMS; comply with all applicable FAA regulations, letters of authorization, management specifications, and operations specifications, including updating B450. C. Operations. Exercise caution during flight operations due to the possibility of attacks by extremists/militants on civil aviation. Aircraft May encounter small-arms and other weapons systems, including shoulder-fired MAN-portable air defense systems (MANPADS). Airports IN Kenya have been targeted as recently as 2014 by terrorists and MANPADS were previously used against aircraft IN Kenya IN 2002. Those persons described IN paragraph A must report safety and/OR security incidents to the FAA at +1 202-267-3333 OR +1 202-267-3203. KICZ NOTAM A0040/15 IS cancelled. The justification for this advisory will be RE-evaluated by 26 February 2017. Additional information IS provided at:

http://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/. Surface - flight level 259
26 February 14:47 2016 until 26 February 23:59 2017 estimated. Created: 26 February 14:52 2016

KICZ 16/A0002 KICZ 20160107183800 20180106235900 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 7 January 2016 and was effective immediately. SFAR no. 115 Supersedes KICZ NOTAM A0036/15 and continues the prohibition on United States civil flight operations IN specified areas of the Sanaa (OYSC) Flight Information Region that was contained IN KICZ NOTAM A0036/15. Additional information IS provided at: https://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/. Surface - unlimited, 07 January 18:38 2016 until 06 January 23:59 2018. Created: 07 January 19:26 2016

KICZ 16/A0001 KICZ 20160107183400 20180106235900 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 7 January 2016 and was effective immediately. Amended SFAR no. 107 Supersedes KICZ NOTAM A0031/15 and incorporates the prohibition on United States civil flight operations IN the territory and airspace of SOMALIA at altitudes below flight level 260 that was contained IN KICZ NOTAM A0031/15 into SFAR 107. Additional information IS provided at: https://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/. Surface - flight level 259, 07 January 18:34 2016 until 06 January 23:59 2018. Created: 07 January 18:41 2016

KICZ 15/A0046 KICZ 20151228214500 PERM Security..United states of America advisory for Pakistan. Those persons described IN paragraph A below are advised to exercise caution when flying into, out of, within, OR over the territory and airspace of Pakistan, particularly while operating at low altitude, during the arrival and departure phases of flight, and during airport operations, due to extremist/militant activities. A. Applicability. This NOTAM applies to: all United States air carriers and commercial OPERATORS; all persons exercising the privileges of an airman certificate issued by the FAA, except such persons operating U.S.-Registered aircraft for A foreign air CARRIER; and all operators of aircraft registered IN the united states, except where the operator of such aircraft IS A foreign air carrier. B. Planning. Those persons described IN paragraph A planning to fly into, out of, within, OR over the above-named area must review current security/threat information and NOTAMS and comply with all applicable FAA regulations, letters of authorization, management specifications, and operations specifications, including updating B450. C. Operations. Exercise caution during flight operations, particularly at low altitude, during the arrival and departure phases of flight, and during AIPORT operations, due to possible attempts by extremists/militants to attack civil aviation. Aircraft May encounter small-arms, rocket-propelled grenades, mortars, and Anit-aircraft fire, particularly when operating IN the terminal areas of airports. Airports IN Pakistan have been the target of direct assaults and May be subject to insider threat risks. Those persons described IN paragraph A must report safety and/OR security incidents to the FAA at +1 202-267-3333 OR +1 202-267-3203. The justification for this advisory will be RE-evaluated by 28 December 2016. Additional information IS provided at: http://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/. Surface - unlimited 28 December 21:45 2015 until 30 December 23:59 2016 estimated. Created: 28 December 21:51 2015

KICZ 15/A0041 KICZ 20151224000100 20161224000100 Security..United states of America advisory for Afghanistan. Those persons described IN paragraph A flying into, out of, within, OR over the territory and airspace of Afghanistan should operate only on established air routes and at altitudes at OR above flight level 330 to the maximum extent possible. IN addition, there exist significant areas of high elevation terrain along A number of air routes IN Afghanistan. As A result, the potential exists for some of the threats described IN

paragraph C to be encountered at higher altitudes IN those areas. A. Applicability. This NOTAM applies to: all United States air carriers and commercial OPERATORS; all persons exercising the privileges of an airman certificate issued by the FAA, except such persons operating U.S.-Registered aircraft for A foreign air CARRIER; and all operators of aircraft registered IN the united states, except where the operator of such aircraft IS A foreign air carrier. B. Planning. Those persons described IN paragraph A planning to fly into, out of, within, OR over the above-named area must review current security/threat information and NOTAMS and comply with all applicable FAA regulations, letters of authorization, management specifications, and operations specifications, including updating B450. C. Operations. Exercise extreme caution during flight operations when operating below flight level 330, particularly at low altitude, during the arrival and departure phases of flight, and during airport operations, due to ongoing military operations IN Afghanistan and possible attempts by extremists/militants to attack civil aviation. MAN-portable air defense systems (MANPADS) are present IN Afghanistan and May pose A threat to flight operations. Civil aircraft flying at low altitudes have been damaged by small-arms fire. Aircraft at airports/airfields have been damaged OR destroyed by indirect rocket OR mortar fire from extremist/militant attacks. Aircraft May encounter small-arms fire, rocket-propelled grenades, Anit-aircraft fire, and MANPADS. Airports IN Afghanistan have been the target of direct assaults and May be subject to insider threat risks. Those persons described IN paragraph A must report safety and/OR security incidents to the FAA at +1 202-267-3333 OR +1 202-267-3203. The justification for this advisory will be RE-evaluated by 23 December 2016. Additional information IS provided at: https://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/. Surface - flight level 329 24 December 00:01 2015 until 24 December 00:01 2016. Created: 24 December 00:02 2015

KICZ 15/A0019 KICZ 20151118172400 20170511235900 Security..United states of America flight prohibition for U.S.Civil flights IN the Baghdad (ORBB) flight information region (FIR). The United States federal aviation administration (FAA) has issued 14 CFR 91.1605 Special federal aviation regulation (SFAR) no. 77 Prohibition against certain flights IN the Baghdad (ORBB) Flight Information Region, and was published IN the federal register on 11 May 2015. Amended SFAR 77 prohibits flight operations at all altitudes IN the Baghdad (ORBB) Flight Information Region by all united states (U.S.) Air CARRIERS; United States commercial OPERATORS; persons exercising the privileges of A United States airman certificate, except when such persons are operating A United States registered aircraft for A foreign air CARRIER; and operators of U.S.-Registered civil aircraft, except when such operators are foreign air carriers. The prohibition IS due to the potentially hazardous situation Created by the armed conflict between militants associated with the Islamic state IN Iraq and the Levant and Iraqi security forces and their allies. See SFAR no. 77 For further background information. SFAR no. 77 Supersedes Flight Data Center (FDC) NOTAM 4/2185 and continues the prohibition on United States civil flight operations IN the Baghdad (ORBB) Flight Information Region. Flight Data Center (FDC) NOTAM 5/9549 (KFDC A0016/15) IS cancelled. Additional information IS provided at: https://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/. Surface - UNL), 18 November 17:24 2015 until 11 May 23:59 2017. Created: 18 November 17:41 2015

KICZ 15/A0018 KICZ 20151118172900 20161229235900 Security..United states of America flight prohibition for Syria Damascus (OSTT) flight information region (FIR). 14 CFR 91.1609 Special federal aviation regulation (SFAR) no. 114PROHIBITION against certain flights IN the Damascus (OSTT) Flight Information Region was published IN the federal register on 30 December 2014 and was effective immediately. SFAR no. 114 Supersedes Flight Data Center (FDC) NOTAM 4/4936 and continues the prohibition on United States civil flight operations IN the Damascus (OSTT) Flight Information Region that was contained IN Flight Data Center (FDC) NOTAM 4/4936. Flight Data Center (FDC) NOTAM 4/2638 (A0071/14) IS cancelled. Additional information IS provided at: https://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/. Surface - unlimited), 18 November 17:29 2015 until 29 December 23:59 2016. Created: 18 November 17:37 2015

KICZ 15/A0017 KICZ 20151118173500 PERM Security..United states of America flight prohibition against certain flights within the flight information region of the Democratic Peoples Republic of Korea. Special federal aviation regulation (SFAR) no. 79FLIGHT prohibition against certain flights within the flight information region of the Democratic Peoples Republic of Korea was published IN the federal register on 17 February 1998 and updated 17 April 1998. Flight Data Center (FDC) NOTAM 8/1167 IS cancelled.

Additional information IS provided at:

https://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/. Surface - unlimited), 18 November 17:35 2015 until permanent. Created: 18 November 17:37 2015

KICZ 15/A0016 KICZ 20151118173300 20161026235900 Security..United states of America flight prohibition for Ukraine Simferopol (UKFV) and Dnepropetrovsk (UKDV) flight information regions (FIRS). An amendment to 14 CFR 91.1607 Special federal aviation regulation (SFAR) no. 113PROHIBITION against certain flights IN the Simferopol (UKFV) and Dnepropetrovsk (UKDV) Flight Information Regions was published IN the federal register on 27 October 2015. SFAR no. 113, As amended, extends the prohibition on United States civil flight operations IN the Simferopol (UKFV) and Dnepropetrovsk (UKDV) Flight Information Regions until October 27, 2016. KFDC NOTAM 5/2977 (A0034/15) IS cancelled.

Additional information IS provided at:

https://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/. Surface - unlimited), 18 November 17:33 2015 until 26 October 23:59 2016. Created: 18 November 17:36 2015

KICZ 15/A0009 KICZ 20151116182500 20170319235900 Security..United states of America flight prohibition against certain flights IN the Tripoli (HLLL) flight information region (FIR). A notice extending the expiration date of 14 CFR 91.1603 Special federal aviation regulation (SFAR) no. 112PROHIBITION against certain flights IN the Tripoli (HLLL) Flight Information Region was published IN the federal register. SFAR no. 112 Supersedes Flight Data Center (FDC) NOTAMS 4/7034 and 5/5798 and continues the prohibition on United States civil flight operations IN the Tripoli (HLLL) Flight Information Region. KFDC NOTAM 5/7254 (A0008/15) IS cancelled. Additional information IS provided at:

https://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/. Surface - unlimited), 16 November 18:25 2015 until 19 March 23:59 2017. Created: 16 November 18:30 2015

Volcanic Ash Advisory

current report not available

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.