

Route Standard Briefing at Jul 3, 1718Z for N32CC KPBI to MYAW

Plain Text

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.

Adverse Conditions:

Delta

No current Delta data for this briefing

Temporary Flight Restrictions

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 Temporary Flight Restrictions data for this briefing

Closed/Unsafe NOTAMs

All published NOTAMs are available in the [Notices to Airmen Publication \(NTAP\)](#).

Departure:

KPBI [Airport Information Page](#) [Airport Diagram](#)

None

Destination:

MYAW

None

Alternate 1:

Unspecified

None

Alternate 2:

Unspecified
None

Convective SIGMET

Convective SIGMET OUTLOOK Valid

SUMMARY: Convective Outlook start is Jul 03, 1855Z, end is Jul 03, 2255Z. Convective SIGMET issuances possible. Refer to most recent one-day anticipated convection report from the Storm Prediction Center for synopsis and meteorological details.

Convective Outlook starts 8 minutes after flight estimated to leave area.

Convective SIGMET (Eastern US) issued by the Aviation Weather Center Kansas City, Missouri on the 3rd at 1655Z.

SIGE

Convective SIGMET (Eastern US) prepared on the 3rd at 1655Z.

Convective SIGMET outlook valid from the 3rd at 1855Z to the 3rd at 2255Z.

From CRG to 70 miles east-north-east of Palm Beach International, West Palm Beach, FL (PBI) to 160 miles southeast of MIA to 80 miles west-south-west of Key West International, Key West, FL (EYW) to 60 miles south-south-west of Tallahassee International, Tallahassee, FL (TLH) to CRG.

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

SIGMET

No current SIGMET data for this briefing

AIRMETS:

IFR

No current AIRMET IFR data for this briefing

Mountain Obscuration

No current AIRMET Mountain Obscuration data for this briefing

Icing

No current AIRMET Icing data for this briefing

Freezing Level

WAUS42 KKCI 031445

MIAZ WA 031445

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AIRMET ZULU UPDT 2 FOR ICE AND FRZLVL VALID UNTIL 032100

FRZLVL...RANGING FROM 140-170 ACRS AREA
160 ALG 60SE EYW-40E EYW-50S RSW-50SW RSW-30S SRQ-120SSE CHS-
160SSE ILM

Turbulence Low Altitude

No current AIRMET Turb Low Alt data for this briefing

Turbulence High Altitude

No current AIRMET Turb High Alt data for this briefing

Winds over 30 Knots

No current AIRMET Winds > 30 Knots data for this briefing

Low Level Wind Shear

No current AIRMET Low Level Wind Shear data for this briefing

OTHER

No current AIRMET Other data for this briefing

Urgent Pilot Report

No current Urgent PIREP data for this briefing

Center Weather Advisory

CWA 202 Valid Until 031843

SUMMARY: Center Advisory start is Jul 03, 1643Z, end is Jul 03, 1843Z. Area of thunderstorms with heavy-extreme precipitation moving FM 30° at 5 knots. Maximum tops above flight level 450. Expect little change through period. Mississippi

Center Advisory active while flight estimated to traverse area (1815Z to 1817Z).

FAUS22 KZMA 031643

ZMA2 CWA 031643

ZMA CWA 202 VALID UNTIL 031843

FROM 35NE RSW-5ESE PBI-50S MIA-25SW RSW-35NE RSW

AREA OF TS WITH HVY-EXTRM PCPN MOV FM 03005KT. MAX TOPS ABV FL450.

EXP LTL CHG THRU PD.

MS

Severe Weather

No current Severe Weather data for this briefing

Synopsis/Surface Analysis:

Synopsis/Surface Analysis

[Surface Analysis Chart](#)

Caribbean area forecast issued by the Aviation Weather Center Kansas City, Missouri on the 3rd at 1530Z

OFAMKC

International Operations Branch

Aviation Weather Center Kansas City Missouri

Valid from the 3rd at 1600Z to the 4th at 0400Z

Outlook valid from the 4th at 0400Z to the 4th at 1600Z

Synopsis...At 1500Z scattered to widely scattered thunderstorms and rain continuous in vicinity of QSTNR front IN western Atlantic along 29° North 60° West-27° North 66° West-31° North 72° West and surface trough 28° North 60° West-23° North 72° West. A narrow E-W surface ridge continues S of that area extending through Gulf of Mexico with axis along Jicarilla Apache Nation, Dulce, NM (24N). Except for A few thunderstorms and rain between Cuba and Jamaica little SIGWX OCRG over the Caribbean air traffic management. Fresh to strong trades continuous over the S central to southwest Caribbean. Rain showers and thunderstorms and rain will moving into western Piarco Flight Information Region {later, letter} IN the forecast period into the outlook AS A tropical WV approaches FM the E.

Current Weather:

METAR

Summarized METAR Information:

- **Departure:**
- Current conditions at Palm Beach International, West Palm Beach, FL (KPBI), VFR, Thunderstorms, Wind from 080° at 9 knots, 10 statute miles visibility, Scattered Clouds at 3,700 feet Cumulonimbus, Scattered Clouds at 4,700 feet, Ceiling is Broken at 20,000 feet, Temperature 32°C, Dewpoint 24°C, Altimeter is 29.99. Lightning indicated in Remarks. See full text below.
- **Route:**
- Some MVFR through Boca Raton, Boca Raton, FL (KBCT), with ceilings 3,400 feet or above, Widespread Haze and Thunderstorms, visibility as low as 5 statute miles. Lightning indicated in Remarks. See full text below.
- **Station nearest Destination:**

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- Current conditions at Grand Bahama International (MYGF), VFR, Showers in the Vicinity, Wind from 330° at 4 knots variable 290° to 360°, greater than 9,000 meters visibility, Few Clouds at 1,600 feet Towering Cumulus, Ceiling is Broken at 22,000 feet, Temperature 32°C, Dewpoint 25°C, Altimeter is 29.99

METAR Text:

- Palm Beach International, West Palm Beach, FL (KPBI). Jul 3, 1653Z.
Thunderstorms, Wind from 080° at 9 knots, 10 statute miles visibility, Scattered Clouds at 3,700 feet Cumulonimbus, Scattered Clouds at 4,700 feet, Ceiling is Broken at 20,000 feet, Temperature 32°C, Dewpoint 24°C, Altimeter is 29.99.
- VFR Remarks: automated station with precipitation discriminator lightning distant S and southwest thunderstorm began 33 minutes past the hour sea level pressure 1015.6 hectopascals occasional lightning in-cloud cloud-to-ground S-southwest thunderstorms S-southwest moving S CB distant S-W hourly temp 32.2°C dewpoint 24.4°C \$
- Special, Palm Beach International, West Palm Beach, FL (KPBI). Jul 3, 1634Z.
Thunderstorms, Wind from 090° at 10 knots, 10 statute miles visibility, Scattered Clouds at 3,500 feet Cumulonimbus, Scattered Clouds at 4,800 feet, Ceiling is Broken at 20,000 feet, Temperature 32°C, Dewpoint 24°C, Altimeter is 29.99.
- VFR Remarks: automated station with precipitation discriminator lightning distant S thunderstorm began 33 minutes past the hour occasional lightning in-cloud cloud-to-ground S-southwest thunderstorms S-southwest moving S CB distant S-W hourly temp 32.2°C dewpoint 23.9°C \$
- Palm Beach International, West Palm Beach, FL (KPBI). Jul 3, 1553Z. Wind from 050° at 7 knots, 10 statute miles visibility, Scattered Clouds at 3,300 feet Cumulonimbus, Scattered Clouds at 3,900 feet, Ceiling is Broken at 25,000 feet, Temperature 33°C, Dewpoint 25°C, Altimeter is 29.99. Remarks: automated station with precipitation discriminator lightning distant S sea level pressure 1015.6 hectopascals CB S-southwest moving S CB distant S hourly temp 32.8°C dewpoint 25.0°C \$
- VFR
- Palm Beach International, West Palm Beach, FL (KPBI). Jul 3, 1453Z. Wind is variable at 4 knots, 10 statute miles visibility, Scattered Clouds at 2,800 feet Towering Cumulus, Scattered Clouds at 25,000 feet, Temperature 31°C, Dewpoint 24°C, Altimeter is 30.00. Remarks: automated station with precipitation discriminator sea level pressure 1015.9 hectopascals towering cumulus southeast-S hourly temp 31.1°C dewpoint 23.9°C 3-hour atmospheric pressure increasing, then steady, or increasing then increasing more slowly by 0.9 hectopascals \$
- VFR
- North Palm Beach County Ga, West Palm Beach, FL (KF45). Jul 3, 1700Z, Automated. Wind from 090° at 8 knots, 10 statute miles visibility, Ceiling is Broken at 3,400 feet, Broken Clouds at 4,000 feet, Temperature 33°C, Dewpoint 24°C, Altimeter is 30.00. Remarks: automated station with precipitation discriminator lightning distant S
- VFR
- North Palm Beach County Ga, West Palm Beach, FL (KF45). Jul 3, 1640Z, Automated. Thunderstorms in the Vicinity, Wind from 010° at 4 knots, 10 statute

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- miles visibility, Scattered Clouds at 3,400 feet, Ceiling is Broken at 4,300 feet, Temperature 33°C, Dewpoint 24°C, Altimeter is 30.00. Remarks: automated station with precipitation discriminator lightning distant S
- VFR North Palm Beach County Ga, West Palm Beach, FL (KF45). Jul 3, 1620Z, Automated. Wind from 330° at 5 knots, 10 statute miles visibility, Few Clouds at 3,400 feet, Scattered Clouds at 4,300 feet, Temperature 35°C, Dewpoint 25°C, Altimeter is 30.00. Remarks: automated station with precipitation discriminator lightning distant S
- VFR North Palm Beach County Ga, West Palm Beach, FL (KF45). Jul 3, 1600Z, Automated. Wind from 340° at 4 knots, 10 statute miles visibility, Clear Skies, Temperature 34°C, Dewpoint 25°C, Altimeter is 30.00. Remarks: automated station with precipitation discriminator
- VFR North Palm Beach County Ga, West Palm Beach, FL (KF45). Jul 3, 1540Z, Automated. Wind from 350° at 5 knots, 10 statute miles visibility, Few Clouds at 2,900 feet, Few Clouds at 7,500 feet, Temperature 33°C, Dewpoint 25°C, Altimeter is 30.01. Remarks: automated station with precipitation discriminator
- VFR North Palm Beach County Ga, West Palm Beach, FL (KF45). Jul 3, 1520Z, Automated. Wind is Calm, 10 statute miles visibility, Scattered Clouds at 2,600 feet, Temperature 32°C, Dewpoint 25°C, Altimeter is 30.01. Remarks: automated station with precipitation discriminator
- VFR North Palm Beach County Ga, West Palm Beach, FL (KF45). Jul 3, 1500Z, Automated. Wind from 350° at 6 knots, 10 statute miles visibility, Few Clouds at 2,600 feet, Temperature 32°C, Dewpoint 25°C, Altimeter is 30.01. Remarks: automated station with precipitation discriminator
- VFR North Palm Beach County Ga, West Palm Beach, FL (KF45). Jul 3, 1440Z, Automated. Wind from 350° at 6 knots, 10 statute miles visibility, Few Clouds at 2,200 feet, Temperature 32°C, Dewpoint 26°C, Altimeter is 30.01. Remarks: automated station with precipitation discriminator
- VFR North Palm Beach County Ga, West Palm Beach, FL (KF45). Jul 3, 1420Z, Automated. Wind from 320° at 5 knots, 10 statute miles visibility, Clear Skies, Temperature 31°C, Dewpoint 25°C, Altimeter is 30.01. Remarks: automated station with precipitation discriminator
- MVFR Boca Raton, Boca Raton, FL (KBCT). Jul 3, 1647Z. Haze and Thunderstorms in the Vicinity, Wind from 100° at 5 knots with gusts to 13 knots, 5 statute miles visibility, Scattered Clouds at 2,500 feet, Temperature 33°C, Dewpoint 25°C, Altimeter is 30.01.
- VFR Boca Raton, Boca Raton, FL (KBCT). Jul 3, 1547Z. Wind from 100° at 10 knots, 10 statute miles visibility, Scattered Clouds at 2,500 feet, Temperature 33°C, Dewpoint 26°C, Altimeter is 29.99.
- VFR Boca Raton, Boca Raton, FL (KBCT). Jul 3, 1447Z. Wind from 120° at 7 knots, 10 statute miles visibility, Scattered Clouds at 2,500 feet, Temperature 33°C, Dewpoint 26°C, Altimeter is 29.99.
- VFR Grand Bahama International (MYGF). Jul 3, 1700Z. Showers in the Vicinity, Wind from 330° at 4 knots variable 290° to 360°, greater than 9,000 meters visibility, Few

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Clouds at 1,600 feet Towering Cumulus, Ceiling is Broken at 22,000 feet,
Temperature 32°C, Dewpoint 25°C, Altimeter is 29.99.

UNKN MYGF 031600Z 24004KT 180V290 9999 VCSH FEW016CB BKN220 30/24 A001
RMK RETS =

VFR Grand Bahama International (MYGF). Jul 3, 1500Z. Thunderstorms and Showers in
the Vicinity, Wind from 220° at 3 knots variable 200° to 280°, 9,000 meters
visibility, Scattered Clouds at 1,600 feet Cumulonimbus, Ceiling is Broken at 12,000
feet, Temperature 27°C, Dewpoint 24°C, Altimeter is 30.01.

Pilot Reports

No current PIREP data for this briefing

Forecasts:

Cloud Coverage

The links below will direct you to cloud coverage forecast charts for regions along your route of flight. For FAA guidance on cloud coverage forecast charts, please click [here](#).

[Cloud Coverage - Southeast 1800z](#)

[Cloud Coverage - Southeast 2100z](#)

[Cloud Coverage - CONUS 1800z](#)

[Cloud Coverage - CONUS 2100z](#)

Visibility, Surface Winds & Precipitation

The links below will direct you to visibility, surface winds & precipitation forecast charts for regions along your route of flight. For FAA guidance on visibility, surface winds & precipitation forecast charts, please click [here](#).

[Vis, Sfc Winds & Precip - Southeast 1800z](#)

[Vis, Sfc Winds & Precip - Southeast 2100z](#)

[Vis, Sfc Winds & Precip - CONUS 1800z](#)

[Vis, Sfc Winds & Precip - CONUS 2100z](#)

Terminal Forecast

TAF nearest departure: KPBI

Passing Time [What's this?](#)

VFR Palm Beach International, West Palm Beach, FL (KPBI). Amended Jul 3, 1511Z,
valid from Jul 3, 1500Z until Jul 4, 1200Z, Wind is variable at 3 knots, greater than
6 statute miles visibility, Showers in the Vicinity, Scattered Clouds at 3,000 feet,
Scattered Clouds at 7,000 feet

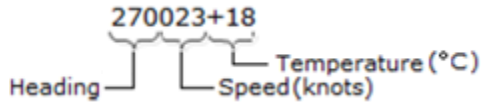
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From Jul 3, 1600Z, Wind from 100° at 9 knots, greater than 6 statute miles visibility, 1815Z VFR Thunderstorms in the Vicinity, Scattered Clouds at 3,500 feet Cumulonimbus, Scattered Clouds at 5,000 feet, Scattered Clouds at 15,000 feet

From Jul 4, 0000Z, Wind from 140° at 5 knots, greater than 6 statute miles visibility, VFR Few Clouds at 3,000 feet, Scattered Clouds at 15,000 feet, Ceiling is Broken at 25,000 feet.

No TAF stations within 5 nm of destination. For additional forecast information, please refer to other forecast sections in this briefing.

Winds Aloft



Stati on ID	030	035 Filed +2k	055 Filed +4k	060	090	120	180	240	300	340	390	450	530
0318 00Z 1400 - 2100 Z	MIA 08000 6			LGTVR 35000 B+17	01000 6+12	04000 9+07	04001 8-05		0200 08- 33	3600 14- 43	0100 28- 56	3500 16- 66	0200 21- 71
0400 00Z 2100 - 0600 Z	MLB LGT VRB			350007+ 17	36000 8+12	36000 9+07	34000 6-06	33000 7-17	3200 12- 33	3600 17- 43	3500 21- 56		
0412 00Z	MIA 15000 5	1310 05	0580 06	040007+ 18	03000 7+12	03000 8+07	05001 4-05	05001 5-16	3600 23- 31	0100 24- 42	0100 26- 56	3400 38- 67	0400 26- 73
	MLB LGT VRB			030008+ 19	03001 2+13	04001 2+07	LGTV RB-05	32000 6-16	3300 17- 31	3500 21- 42	3600 30- 55		

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Stati on ID	030	035 Filed +2k	055 Filed +4k	060	090	120	180	240	300	340	390	450	530
0600													
-													
1800													
Z													
MIA	LGT VRB			080009+ 16	08001 1+12	06001 1+07	07000 7-05	05000 8-17	0500 15-	0400 21-	0200 31-	0200 37-	0800 14-
MLB	LGT VRB			060010+ 17	08000 9+12	06000 5+08	LGTV RB-05	LGTV RB-17	0500 09-	0100 17-	3400 16-		

Area Forecast

SUMMARY: Caribbean area forecast issued by the Aviation Weather Center Kansas City, Missouri on the 3rd at 1530Z

OFAMKC

International Operations Branch

Aviation Weather Center Kansas City Missouri

Valid from the 3rd at 1600Z to the 4th at 0400Z

Outlook valid from the 4th at 0400Z to the 4th at 1600Z

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

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

Conditions. Surface to 400 millibars.

Significant Cloud/Weather...

Eastern Monterrey Flight Information Region...Northern Merida Flight Information Region West of 95° West...Scattered clouds at 2,000 feet broken clouds at 12,000 feet TOP layered above flight level 240. Occasional broken clouds at 2,000 feet. Scattered thunderstorms and rain mainly southern portion. 2200Z widely scattered rain showers/isolated thunderstorms and rain.

Outlook: VFR rain showers.

90W-95W...Scattered clouds at 2,000 feet. Isolated rain showers western portion. Outlook: VFR.

East of 90° West...Sky clear to scattered clouds at 2,000 feet. Outlook: VFR.

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.
Atlantic Southwestern New York Flight Information Region...Atlantic Miami Flight Information Region

150 nautical miles ESOL 28° North 60° West-23° North 72° West...Scattered clouds at 2,000 feet broken clouds at 5,000 feet tops above flight level 240. Occasional broken clouds at 2,000 feet. Scattered rain showers. Widely scattered thunderstorms and rain. Outlook: VFR rain showers thunderstorms and rain.

Elsewhere...Scattered clouds at 2,000 feet scattered clouds at 5,000 feet. Isolated rain showers/thunderstorms and rain. Outlook: VFR.

.
San Juan Flight Information Region

Scattered clouds at 2,000 feet scattered clouds at 5,000 feet. Isolated rain showers/thunderstorms and rain. Outlook: VFR.

.
Western Piarco Flight Information Region

Northwest half...Scattered clouds at 2,000 feet scattered clouds at 5,000 feet. Layers occasional broken tops at 7,000 feet windward side of Islands. Isolated rain showers. Outlook: VFR becoming VFR rain showers thunderstorms and rain.

Southeast half...Scattered clouds at 2,000 feet scattered to broken clouds at 5,000 feet tops at 7,000 feet. FM southeast becoming occasional broken clouds at 2,000 feet TOP layered above flight level 240. Scattered rain showers. Isolated to widely scattered thunderstorms and rain. Outlook: VFR rain showers thunderstorms and rain.

.
Northern Maiquetia Flight Information Region

Scattered clouds at 2,000 feet. Isolated rain showers. Outlook: VFR.

.
Curacao Flight Information Region...Northern Barranquilla Flight Information Region...Northern Panama Flight Information Region...Kingston

Flight Information Region...Northeastern central America Flight Information Region

North of 16° North...Scattered clouds at 2,000 feet. Widely scattered rain showers/isolated thunderstorms and rain north of 18° North. Isolated rain showers elsewhere. Outlook: VFR rain showers.

South of 16° North...Scattered clouds at 2,000 feet. Isolated rain showers. Wind E 20 to 25 knots. Outlook: VFR wind.

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

Hispaniola...Scattered clouds at 2,000 feet scattered clouds at 5,000 feet. After 1800Z layers occasional broken tops above flight level 240. Widely scattered thunderstorms and rain ending 0100Z to 0300Z. Outlook: areas of marginal VFR mist 0600Z to 1200Z. Otherwise VFR.

Waters...Scattered clouds at 2,000 feet. Isolated rain showers/thunderstorms and rain. Outlook:

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VFR.

.
Habana Flight Information Region

Cuba...Scattered clouds at 2,000 feet scattered clouds at 5,000 feet. After 1700Z layers occasional broken tops above flight level 240. Scattered thunderstorms and rain ending 0200Z to 0400Z. Outlook: areas of marginal VFR mist 0600Z to 1200Z. Otherwise VFR.

Waters...Scattered clouds at 2,000 feet. Isolated to widely scattered rain showers/thunderstorms and rain. Outlook: VFR.

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Ice And Freezing Level...

No significant ice expect outside convective activity.

Freezing level...

Southern Gulf of Mexico...14,500 to 15,500 feet.

Remainder...15,000 to 16,500 feet.

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Turbulence...

No significant turbulence expect outside convective activity.

Caribbean area forecast issued by the Aviation Weather Center Kansas City, Missouri on the 3rd at 1530Z

OFAMKC

International Operations Branch

Aviation Weather Center Kansas City Missouri

Valid from the 3rd at 1600Z to the 4th at 0400Z

Outlook valid from the 4th at 0400Z to the 4th at 1600Z

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

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

Conditions. Surface to 400 millibars.

.
Significant Cloud/Weather...

Eastern Monterrey Flight Information Region...Northern Merida Flight Information Region

West of 95° West...Scattered clouds at 2,000 feet broken clouds at 12,000 feet TOP layered

above flight level 240. Occasional broken clouds at 2,000 feet. Scattered thunderstorms and rain mainly southern portion. 2200Z widely scattered rain showers/isolated thunderstorms and rain.

Outlook: VFR rain showers.

90W-95W...Scattered clouds at 2,000 feet. Isolated rain showers western portion. Outlook: VFR.

East of 90° West...Sky clear to scattered clouds at 2,000 feet. Outlook: VFR.

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Atlantic Southwestern New York Flight Information Region...Atlantic Miami Flight Information Region

150 nautical miles ESOL 28° North 60° West-23° North 72° West...Scattered clouds at 2,000 feet broken clouds at 5,000 feet tops above flight level 240. Occasional broken clouds at 2,000 feet. Scattered rain showers. Widely scattered thunderstorms and rain. Outlook: VFR rain showers thunderstorms and rain.

Elsewhere...Scattered clouds at 2,000 feet scattered clouds at 5,000 feet. Isolated rain showers/thunderstorms and rain. Outlook: VFR.

.
San Juan Flight Information Region

Scattered clouds at 2,000 feet scattered clouds at 5,000 feet. Isolated rain showers/thunderstorms and rain. Outlook: VFR.

.
Western Piarco Flight Information Region

Northwest half...Scattered clouds at 2,000 feet scattered clouds at 5,000 feet. Layers occasional broken tops at 7,000 feet windward side of Islands. Isolated rain showers. Outlook: VFR becoming VFR rain showers thunderstorms and rain.

Southeast half...Scattered clouds at 2,000 feet scattered to broken clouds at 5,000 feet tops at 7,000 feet. FM southeast becoming occasional broken clouds at 2,000 feet TOP layered above flight level 240. Scattered rain showers. Isolated to widely scattered thunderstorms and rain. Outlook: VFR rain showers thunderstorms and rain.

.
Northern Maiquetia Flight Information Region

Scattered clouds at 2,000 feet. Isolated rain showers. Outlook: VFR.

.
Curacao Flight Information Region...Northern Barranquilla Flight Information Region...Northern Panama Flight Information Region...Kingston

Flight Information Region...Northeastern central America Flight Information Region

North of 16° North...Scattered clouds at 2,000 feet. Widely scattered rain showers/isolated thunderstorms and rain north of 18° North. Isolated rain showers elsewhere. Outlook: VFR rain showers.

South of 16° North...Scattered clouds at 2,000 feet. Isolated rain showers. Wind E 20 to 25 knots. Outlook: VFR wind.

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

Hispaniola...Scattered clouds at 2,000 feet scattered clouds at 5,000 feet. After 1800Z layers occasional broken tops above flight level 240. Widely scattered thunderstorms and rain ending 0100Z to 0300Z. Outlook: areas of marginal VFR mist 0600Z to 1200Z. Otherwise VFR.

Waters...Scattered clouds at 2,000 feet. Isolated rain showers/thunderstorms and rain. Outlook:

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VFR.

.
Habana Flight Information Region

Cuba...Scattered clouds at 2,000 feet scattered clouds at 5,000 feet. After 1700Z layers occasional broken tops above flight level 240. Scattered thunderstorms and rain ending 0200Z to 0400Z. Outlook: areas of marginal VFR mist 0600Z to 1200Z. Otherwise VFR.

Waters...Scattered clouds at 2,000 feet. Isolated to widely scattered rain showers/thunderstorms and rain. Outlook: VFR.

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Ice And Freezing Level...

No significant ice expect outside convective activity.

Freezing level...

Southern Gulf of Mexico...14,500 to 15,500 feet.

Remainder...15,000 to 16,500 feet.

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Turbulence...

No significant turbulence expect outside convective activity.

NOTAMs:

Departure

All published NOTAMs are available in the [Notices to Airmen Publication \(NTAP\)](#).

Navigation:

None

Communication:

None

Service:

None

Obstruction within 10 nm:

!PBI 07/006 Palm Beach International, West Palm Beach, FL (KPBI) Obstruction tower light (Antenna Structure Registration 1020102) 26° 38' 47.10" North 080° 10' 21.70" West (4.8 nautical miles west-south-west PBI) 435 feet (417.0FT above ground level) out of service Jul 2, 2019 1938Z to Jul 17, 2019 1938Z

!PBI 07/005 Palm Beach International, West Palm Beach, FL (KPBI) Obstruction tower light (Antenna Structure Registration 1029714) 26° 41' 18.10" North 080° 10' 46.20" West (4.5 nautical miles W PBI) 229 feet (213.9FT above ground level) out of service Jul 2, 2019 1820Z to

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Jul 17, 2019 0400Z

!MIA 06/329 North Palm Beach County Ga, West Palm Beach, FL (KF45) Obstruction tower light (Antenna Structure Registration 1276171) 26° 44' 07.80" North 080° 14' 01.20" West (6.6 nautical miles S F45) 236.9 feet (214.9FT above ground level) out of service Jun 23, 2019 2245Z to Sep 21, 2019 0400Z

!MIA 06/294 Palm Beach County Park, West Palm Beach, FL (KLNA) Obstruction tower light (Antenna Structure Registration 1202499) 26° 32' 28.90" North 080° 04' 16.80" West (3.1 nautical mile south-south-east LNA) 352 feet (325.1FT above ground level) out of service Jun 20, 2019 0708Z to Jul 5, 2019 0707Z

!PBI 06/088 Palm Beach International, West Palm Beach, FL (KPBI) Obstruction tower light (Antenna Structure Registration 1217381) 26° 40' 16.20" North 080° 05' 28.20" West (0.7 nautical miles south-south-east PBI) 169.3 feet (154.2FT above ground level) out of service Jun 30, 2019 0735Z to Jul 15, 2019 2359Z

!PBI 06/039 Palm Beach International, West Palm Beach, FL (KPBI) Obstruction tower light (Antenna Structure Registration 1020782) 26° 47' 59.70" North 080° 04' 31.70" West (7.1 nautical mile NE PBI) 541 feet (499.0FT above ground level) out of service Jun 13, 2019 1820Z to Jul 13, 2019 1820Z

!PBI 06/031 Palm Beach International, West Palm Beach, FL (KPBI) Obstruction crane (Aeronautical Study Number 2018-ASO-5550-NRA) 264126N0800435W (1.1 nautical mile east-north-east PBI) 174 feet (160FT above ground level) flagged Jun 11, 2019 1625Z to Jul 7, 2019 2300Z

!PBI 02/042 Palm Beach International, West Palm Beach, FL (KPBI) Obstruction crane (Aeronautical Study Number 2017-ASO-12868-OE) 264009N0800427W (1.4 nautical miles southeast PBI) 158 feet (150FT above ground level) flagged and lighted Feb 23, 2019 1340Z to Aug 16, 2019 2300Z

!PBI 01/028 Palm Beach International, West Palm Beach, FL (KPBI) Obstruction crane (Aeronautical Study Number 2018-ASO-7653-OE) 264253N0800302W (3.1 nautical mile NE PBI) 269 feet (262FT above ground level) flagged and lighted Jan 20, 2019 1225Z to Nov 18, 2019 2359Z

Airspace within 10 nm:

!PBI 07/011 Palm Beach International, West Palm Beach, FL (KPBI) Airspace pyrotechnic demonstration WI an area defined as 1 nautical mile radius of 264912N0800336W (13.4 nautical miles N PBI) surface-800 feet Jul 5, 2019 0100Z to Jul 5, 2019 0130Z

!PBI 07/010 Palm Beach International, West Palm Beach, FL (KPBI) Airspace pyrotechnic demonstration WI an area defined as .5 nautical miles radius of PBI270007 surface-3 feet Jul 5, 2019 0100Z to Jul 5, 2019 0125Z

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!PBI 07/009 Palm Beach International, West Palm Beach, FL (KPBI) Airspace pyrotechnic demonstration WI an area defined as .5 nautical miles radius of PBI180003 surface-4 feet Jul 5, 2019 0100Z to Jul 5, 2019 0115Z

!PBI 07/008 Palm Beach International, West Palm Beach, FL (KPBI) Airspace pyrotechnic demonstration WI an area defined as .5 nautical miles radius of PBI220007 surface-5 feet Jul 5, 2019 0100Z to Jul 5, 2019 0125Z

!PBI 07/007 Palm Beach International, West Palm Beach, FL (KPBI) Airspace aerobatic area WI an area defined as 1 nautical mile radius of PBI225011.1 (8NM southwest LNA) surface-3,500 feet avoidance advise daily 1400-2359 Jul 3, 2019 1400Z to Jul 5, 2019 2359Z

!PBI 07/004 Palm Beach International, West Palm Beach, FL (KPBI) Airspace pyrotechnic demonstration WI an area defined as .5 nautical miles radius of 264238N0800244W (2.47 nautical miles north-north-east PBI) surface-600 feet above ground level Jul 5, 2019 0100Z to Jul 5, 2019 0200Z

!PBI 07/003 Palm Beach International, West Palm Beach, FL (KPBI) Airspace pyrotechnic demonstration WI an area defined as .5 nautical miles radius of 264644N0800236W (5.86 nautical miles north-north-east PBI) surface-600 feet above ground level Jul 5, 2019 0100Z to Jul 5, 2019 0200Z

Special Use Airspace within 10 nm:
None

Runway:
None

Taxiway:
None

Apron:
None

Aerodrome:
None

FDC:
!FDC 9/7405 KPBI IAP PALM BEACH INTL, West Palm Beach, FL. RNAV (GPS) Y RWY 10L, AMDT 3C... CIRCLING CAT B 600/HAA 580. TEMPORARY CRANE 250FT MSL 250FT AGL 2.58NM E OF AIRPORT (2017-ASO-1316-OE). 22 FEB 16:29 2019 UNTIL 16 MAR 16:29 2020 ESTIMATED. CREATED: 22 FEB 16:29 2019

!FDC 9/5799 KPBI IAP PALM BEACH INTL, West Palm Beach, FL. ILS OR LOC RWY 10L, AMDT 27... MISSED APPROACH: CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 326 AND ON TRV VORTAC R-167 TO MORGA INT/TRV 45.70 DME

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AND HOLD S, RT, 347.05 INBOUND. 12 MAR 19:16 2019 UNTIL 11 MAR 19:11 2021
ESTIMATED. CREATED: 12 MAR 19:17 2019

!FDC 9/2692 KPBI IAP PALM BEACH INTL, West Palm Beach, FL. ILS OR LOC RWY 28R,
AMDT 3B... S-LOC 28R MDA 560/HAT 542 ALL CATS, VIS CATS A/B RVR 5500, CATS
C/D 1 5/8. CIRCLING CAT B 600/HAA 580. TEMPORARY CRANE 250 MSL 1.63 NM E OF
RWY 28R (2017-ASO-1316-OE). 06 MAY 15:47 2019 UNTIL 16 DEC 15:47 2019
ESTIMATED. CREATED: 06 MAY 15:47 2019

!FDC 9/2691 KPBI IAP PALM BEACH INTL, West Palm Beach, FL. RNAV (GPS) Y RWY
28R, AMDT 2A... LNAV MDA 560/HAT 542 ALL CATS, VIS CATS A/B RVR 5500, CATS
C/D 1 5/8. CIRCLING CAT B 600/HAA 580. VDP 1.47 NM TO RW28R. TEMPORARY
CRANE 250 MSL 1.63 NM E OF RWY 28R (2017-ASO-1316-OE). 06 MAY 15:47 2019
UNTIL 16 DEC 15:47 2019 ESTIMATED. CREATED: 06 MAY 15:47 2019

!FDC 9/2690 KPBI IAP PALM BEACH INTL, West Palm Beach, FL. ILS OR LOC RWY 10L,
AMDT 27... CIRCLING CAT B 600/HAA 580. PASTE DME FIX MINIMUMS CIRCLING
CAT B MDA 600/HAA 580. TEMPORARY CRANE 250 MSL 1.63 NM E OF RWY 28R (2017-
ASO-1316-OE). 06 MAY 15:47 2019 UNTIL 16 DEC 15:47 2019 ESTIMATED. CREATED:
06 MAY 15:47 2019

!FDC 9/2685 KPBI IAP PALM BEACH INTL, West Palm Beach, FL. RNAV (GPS) X RWY
28R, ORIG-A... RNAV (GPS) Y RWY 32, AMDT 2A... CIRCLING CAT B 600/HAA 580.
TEMPORARY CRANE 250 MSL 1.63 NM E OF RWY 28R (2017-ASO-1316-OE). 06 MAY
15:41 2019 UNTIL 16 DEC 15:41 2019 ESTIMATED. CREATED: 06 MAY 15:41 2019

Other/Unverified:
None

Military:
None

Destination

All published NOTAMs are available in the [Notices to Airmen Publication \(NTAP\)](#).

Navigation:
None

Communication:
None

Service:
None

Obstruction within 10 nm:
None

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Airspace within 10 nm:
None

Special Use Airspace within 10 nm:
None

Runway:
None

Taxiway:
None

Apron:
None

Aerodrome:
None

FDC:
None

Other/Unverified:
None

Military:
None

En Route:

Navigation
All published NOTAMs are available in the [Notices to Airmen Publication \(NTAP\)](#).
None

Communication
All published NOTAMs are available in the [Notices to Airmen Publication \(NTAP\)](#).
None

Service
All published NOTAMs are available in the [Notices to Airmen Publication \(NTAP\)](#).
None

Obstruction
All published NOTAMs are available in the [Notices to Airmen Publication \(NTAP\)](#).

Total number of Obstruction NOTAMs: 6

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- MSL unknown: 0
- Within 500ft: 1
- Within 1000ft: 1
- Beyond 1000ft: 4

!MIA 03/209 Palm Beach County Park, West Palm Beach, FL (KLNA) Obstruction tower light (Antenna Structure Registration 1028084) 26° 34' 30.70" North 080° 14' 31.10" West (8.6 nautical miles W LNA) 1,549.2 feet (1532.2FT above ground level) out of service Mar 18, 2019 1719Z to Aug 31, 2019 2359Z

!MIA 04/376 Boca Raton, Boca Raton, FL (KBCT) Obstruction crane (Aeronautical Study Number unknown) 262345N0800549W (.7 nautical miles N approach end runway 23) 243 feet (230FT above ground level) flagged and lighted May 1, 2019 0700Z to Jun 1, 2020 2200Z

!MIA 06/396 Boca Raton, Boca Raton, FL (KBCT) Obstruction tower light (Antenna Structure Registration 1059076) 26° 22' 13.00" North 080° 10' 22.00" West (3.6 nautical miles W BCT) 511.2 feet (498.4FT above ground level) out of service Jun 29, 2019 1024Z to Jul 14, 2019 1023Z

!MIA 06/369 Boca Raton, Boca Raton, FL (KBCT) Obstruction tower light (Aeronautical Study Number 2019-ASO-414-OE) 262118N0801748W (10.4 nautical miles W BCT) 331 feet (321FT above ground level) out of service Jun 27, 2019 1358Z to Jul 31, 2019 2359Z

!PMP 06/001 Pompano Beach, Pompano Beach, FL (KPMP) Obstruction tower light (Aeronautical Study Number 2017-ASO-21640-OE) 261731N0800630W (2.7 nautical miles NE PMP) 331 feet (321FT above ground level) out of service Jun 6, 2019 1922Z to Sep 6, 2019 2359Z

!MIA 06/311 North Palm Beach County Ga, West Palm Beach, FL (KF45) Obstruction tower light (Antenna Structure Registration 1022767) 26° 56' 23.00" North 080° 09' 28.00" West (6.7 nautical miles north-north-east F45) 226 feet (210.0FT above ground level) out of service Jun 21, 2019 0922Z to Sep 21, 2019 2359Z

Airspace

All published NOTAMs are available in the [Notices to Airmen Publication \(NTAP\)](#).

!MIA 07/047 North Palm Beach County Ga, West Palm Beach, FL (KF45) Airspace pyrotechnic demonstration WI an area defined as .5 nautical miles radius of F45090002 surface-6 feet Jul 5, 2019 0100Z to Jul 5, 2019 0125Z

!MIA 07/053 Boca Raton, Boca Raton, FL (KBCT) Airspace pyrotechnic demonstration WI an area defined as .5 nautical miles radius of BCT270001 surface-500 feet Jul 5, 2019 0100Z to Jul 5, 2019 0125Z

!MIA 07/029 Boca Raton, Boca Raton, FL (KBCT) Airspace pyrotechnic demonstration WI an

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area defined as .10 nautical miles radius of 262257N0800658W (1.5 nautical miles W BCT) surface-750 feet Jul 5, 2019 0100Z to Jul 5, 2019 0130Z

!MIA 07/052 Boca Raton, Boca Raton, FL (KBCT) Airspace pyrotechnic demonstration WI an area defined as .5 nautical miles radius of BCT120003 surface-400 feet Jul 5, 2019 0100Z to Jul 5, 2019 0110Z

!MIA 07/051 Boca Raton, Boca Raton, FL (KBCT) Airspace pyrotechnic demonstration WI an area defined as .5 nautical miles radius of BCT120004 surface-800 feet Jul 5, 2019 0100Z to Jul 5, 2019 0125Z

!PMP 07/001 Pompano Beach, Pompano Beach, FL (KPMP) Airspace pyrotechnic demonstration WI an area defined as .33 nautical miles radius of 261639N0801145W (4NM west-north-west PMP) surface-1,200 feet above ground level Jul 4, 2019 0100Z to Jul 4, 2019 0130Z

!MIA 07/054 Witham Field, Stuart, FL (KSUA) Airspace pyrotechnic demonstration WI an area defined as .5 nautical miles radius of SUA120015 surface-500 feet Jul 5, 2019 0100Z to Jul 5, 2019 0110Z

Special Use Airspace

All published NOTAMs are available in the [Notices to Airmen Publication \(NTAP\)](#).
None

Runway/Taxiway/Apron/Aerodrome/FDC

All published NOTAMs are available in the [Notices to Airmen Publication \(NTAP\)](#).

!MIA 07/026 Boca Raton, Boca Raton, FL (KBCT) Runway 05 engineered materials arrest system not standard Jul 2, 2019 1511Z to Dec 31, 2019 2200Z

!FDC 9/6294 KBCT IAP BOCA RATON, Boca Raton, FL. RNAV (GPS) RWY 5, AMDT 1... CIRCLING CAT A/B MDA 680/HAA 667. 30 MAY 17:47 2019 UNTIL 30 MAY 17:47 2021 ESTIMATED. CREATED: 30 MAY 17:47 2019

!FDC 9/2406 KBCT IAP BOCA RATON, Boca Raton, FL. VOR-A, AMDT 1B... PROCEDURE NA. 05 MAR 16:10 2019 UNTIL 05 MAR 16:10 2021 ESTIMATED. CREATED: 05 MAR 16:11 2019

!FDC 9/1768 KBCT IAP BOCA RATON, Boca Raton, FL. RNAV (GPS) Y RWY 23, AMDT 1C... LNAV/VNAV DA 447/HAT 434, VIS 1 1/4 ALL CATS. LNAV MDA 540/HAT 527 ALL CATS. VDP 1.48 NM TO RW23. TEMPORARY CRANES 236 MSL 3827 FT N OF RWY (2018-ASO-26996/26997/26998/26999-OE). 03 MAY 13:13 2019 UNTIL 18 OCT 13:13 2020 ESTIMATED. CREATED: 03 MAY 13:14 2019

!FDC 8/2693 KBCT IAP BOCA RATON, Boca Raton, FL. RNAV (GPS) Y RWY 23, AMDT 1C... LPV VIS 7/8. 08 NOV 14:19 2018 UNTIL 20 JUN 14:18 2020 ESTIMATED. CREATED: 08 NOV 14:20 2018

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!RDU 05/250 4W9 Aerodrome runway all light unserviceable May 17, 2019 1907Z to Dec 31, 2019 2359Z (Not Depicted On Graphics)

!RDU 05/249 4W9 Aerodrome taxiway all light unserviceable May 17, 2019 1907Z to Dec 31, 2019 2359Z (Not Depicted On Graphics)

!RDU 05/248 4W9 Aerodrome airport wind direction indicator unserviceable May 17, 2019 1844Z to Dec 31, 2019 2359Z (Not Depicted On Graphics)

!RDU 05/251 4W9 Runway 01/19 work in progress men and equipment May 17, 2019 1907Z to Dec 31, 2019 2359Z (Not Depicted On Graphics)

!FDC 8/4356 OH56 SPECIAL DAYTON, OH. WEPID ONE DEPARTURE... PROCEDURE CANCELLED. 24 DEC 00:30 2018 UNTIL 31 DEC 23:59 2019. CREATED: 24 DEC 00:22 2018 (Not Depicted On Graphics)

!FDC 8/4355 OH56 SPECIAL DAYTON, OH. COPTER RNAV (GPS) 35, ORIG... PROCEDURE CANCELLED. 24 DEC 00:30 2018 UNTIL 31 DEC 23:59 2019. CREATED: 24 DEC 00:22 2018 (Not Depicted On Graphics)

Other/Unverified

All published NOTAMs are available in the [Notices to Airmen Publication \(NTAP\)](#).
None

Military

All published NOTAMs are available in the [Notices to Airmen Publication \(NTAP\)](#).

!KQZC 19/W1237 ATTC [US DAFIF and/OR flight information publication CHANGE] United States Department of Defense ENRT CHT CSA L-11; index SIDE; the CSA L-11 ENRT chart effective on 20 June 19, index side, reads 25 April 19. It should read 20 June 19. The chart data and DAFIF are correct. 20 June 16:47 2019 until 15 August 00:01 2019. Created: 20 June 16:48 2019 (Not Depicted On Graphics)

!KQZC 19/W1236 ATTP Aerodrome United States Department of Defense PAA en-route CHTS, due to extensive updates to Japanese Air Traffic Service routes and waypoints effective 18 July 2019 (JAPAN aeronautical information regulation and control amendment 8/2019), NGA will publish out-of-cycle IFR enroute and area charts for the Pacific, AUSTRALASIA and ANTARCTICA (PAA) region effective 18 July 2019 (CYCLE 1908). 20 June 10:28 2019 until 18 July 00:01 2019. Created: 20 June 10:28 2019 (Not Depicted On Graphics)

!KGRF 19/M0677 KZ99 Reduced coverage on frequencies 121.500, 138.625, 363.400, and 30.025 IN the area of west RATTLESNAKE. 05 June 21:46 2019 until 03 July 20:00 2019. Created: 05 June 21:46 2019 (Not Depicted On Graphics)

!KGRF 19/M0625 KZ99 Aircrews use caution for numerous obstruction lights out of service on power lines IN the northern expansion area. Contact vagabond heliport operations for further

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details. 24 May 22:18 2019 until 31 July 23:59 2019. Created: 24 May 22:18 2019 (Not Depicted On Graphics)

!KQZC 19/W1044 LEAO Aerodrome [US Department of Defense E-IPL ONLY] copter NDB 087 based on host source dated 31 January 2019 not authorized without current TERPS review. 05 June 15:45 2019 until 04 July 00:01 2019. Created: 05 June 15:45 2019 (Not Depicted On Graphics)

!KQZC 19/W1043 LEAO Aerodrome [US Department of Defense E-IPL ONLY] copter NDB 267 based on host source dated 26 May 2016 not authorized without current TERPS review. 05 June 15:42 2019 until 04 July 00:01 2019. Created: 05 June 15:42 2019 (Not Depicted On Graphics)

!KQZC 19/W0801 LEBT Aerodrome [US Department of Defense E-IPL ONLY] SID runway 27 based on host source dated 28 March 2019 not authorized without current TERPS review. 24 May 20:37 2019 until 04 July 00:01 2019. Created: 24 May 20:37 2019 (Not Depicted On Graphics)

!KQZC 19/W0796 LEBT Aerodrome [US Department of Defense E-IPL ONLY] SID runway 09 based on host source dated 28 March 2019 not authorized without current TERPS review. 24 May 20:20 2019 until 04 July 00:01 2019. Created: 24 May 20:20 2019 (Not Depicted On Graphics)

!KQZC 19/W0794 LEBT Aerodrome [US Department of Defense E-IPL ONLY] copter runway 087 based on host source dated 10 December 2015 not authorized without current TERPS review. 24 May 20:18 2019 until 04 July 00:01 2019. Created: 24 May 20:18 2019 (Not Depicted On Graphics)

!KQZC 19/W1063 LECV Aerodrome [US Department of Defense E-IPL ONLY] copter VOR A 340 based on host source dated 06 December 2018 not authorized. 06 June 13:32 2019 until 04 July 00:01 2019. Created: 06 June 13:32 2019 (Not Depicted On Graphics)

!KQZC 19/W1062 LECV Aerodrome [US Department of Defense E-IPL ONLY] area navigation (RNAV) DME/DME SID runway 22 based on host source dated 06 December 2018 not authorized. 06 June 13:30 2019 until 04 July 00:01 2019. Created: 06 June 13:30 2019 (Not Depicted On Graphics)

!KQZC 19/W1061 LECV Aerodrome [US Department of Defense E-IPL ONLY] star runway 04/22 LEMD south configuration based on host source dated 06 December 2018 not authorized. 06 June 13:26 2019 until 04 July 00:01 2019. Created: 06 June 13:26 2019 (Not Depicted On Graphics)

!KQZC 19/W1060 LECV Aerodrome [US Department of Defense E-IPL ONLY] SID runway 04/22 BRA 1F, CJN 1F, NVS 1F, TLD 1F, VTB 1F based on host source dated 06 December 2018 not authorized. 06 June 13:23 2019 until 04 July 00:01 2019. Created: 06 June 13:23 2019 (Not Depicted On Graphics)

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!KQZC 19/W1059 LECV Aerodrome [US Department of Defense E-IPL ONLY] SID runway 04/22 BRA 1R, CJN 1R, NVS 1R, SIE 1R, TLD 1R, VTB 1C based on host source dated 06 December 2018 not authorized. 06 June 13:19 2019 until 04 July 00:01 2019. Created: 06 June 13:19 2019 (Not Depicted On Graphics)

!KQZC 19/W1058 LECV Aerodrome [US Department of Defense E-IPL ONLY] arrival runway 04/22 LEMD north configuration based on host source dated 06 December 2018 not authorized. 06 June 13:13 2019 until 04 July 00:01 2019. Created: 06 June 13:13 2019 (Not Depicted On Graphics)

!KQZC 19/W1051 LECV Aerodrome [US Department of Defense E-IPL ONLY] arrival runway 04/22 BRA 1E, CJN 1E, NVS 1E, TLD 1E, VTB 1E based on host source dated 31 January 2019 not authorized without current TERPS review. 05 June 15:59 2019 until 04 July 00:01 2019. Created: 05 June 15:59 2019 (Not Depicted On Graphics)

!KQZC 19/W1050 LECV Aerodrome [US Department of Defense E-IPL ONLY] copter NDB 036 based on host source dated 31 January 2019 not authorized without current TERPS review. 05 June 15:58 2019 until 04 July 00:01 2019. Created: 05 June 15:58 2019 (Not Depicted On Graphics)

!KQZC 19/W1049 LECV Aerodrome [US Department of Defense E-IPL ONLY] copter area navigation (RNAV) GNSS runway 04 based on host source dated 31 January 2019 not authorized without current TERPS review. 05 June 15:56 2019 until 04 July 00:01 2019. Created: 05 June 15:56 2019 (Not Depicted On Graphics)

!KQZC 19/W1048 LECV Aerodrome [US Department of Defense E-IPL ONLY] SID runway 04/22 BRA 1F, CJN 1F, NVS 1F, TLD 1F, VTB 1F based on host source dated 31 January 2019 not authorized without current TERPS review. 05 June 15:54 2019 until 04 July 00:01 2019. Created: 05 June 15:54 2019 (Not Depicted On Graphics)

!KQZC 19/W1047 LECV Aerodrome [US Department of Defense E-IPL ONLY] SID runway 04/22 BRA 1R, CJN 1R, NVS 1R, SIE 1R, TLD 1R, VTB 1C based on host source dated 31 January 2019 not authorized without current TERPS review. 05 June 15:53 2019 until 04 July 00:01 2019. Created: 05 June 15:53 2019 (Not Depicted On Graphics)

!KQZC 19/W1046 LECV Aerodrome [US Department of Defense E-IPL ONLY] arrival runway 22 RNAV1A based on host source dated 31 January 2019 not authorized without current TERPS review. 05 June 15:51 2019 until 04 July 00:01 2019. Created: 05 June 15:51 2019 (Not Depicted On Graphics)

!KQZC 19/W1045 LECV Aerodrome [US Department of Defense E-IPL ONLY] arrival runway 04/22 BRA 1P, CJN 3P, NVS 1P, SIE 1P, TLD 1P, VTB 1P based on host source dated 31 January 2019 not authorized. 05 June 15:47 2019 until 04 July 00:01 2019. Created: 05 June 15:47 2019 (Not Depicted On Graphics)

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!KQZC 19/W1039 LEEC Aerodrome [US Department of Defense E-IPL ONLY] SID runway 21 based on host source dated 12 November 2015 not authorized without current TERPS review. 05 June 15:03 2019 until 04 July 00:01 2019. Created: 05 June 15:03 2019 (Not Depicted On Graphics)

!KQZC 19/W1038 LEEC Aerodrome [US Department of Defense E-IPL ONLY] copter NDB 027 based on host source dated 12 November 2015 not authorized without current TERPS review. 05 June 15:01 2019 until 04 July 00:01 2019. Created: 05 June 15:01 2019 (Not Depicted On Graphics)

!KQZC 19/W0930 LPMR Aerodrome [US Department of Defense E-IPL ONLY] SID OMEXO 1N/1S based on host source dated 01 March 2018 not authorized without current TERPS review. 28 May 19:21 2019 until 04 July 00:01 2019. Created: 28 May 19:21 2019 (Not Depicted On Graphics)

!KQZC 19/W0928 LPMR Aerodrome [US Department of Defense E-IPL ONLY] SID HPMA PEKOV 1A/1B based on host source dated 01 March 2018 not authorized without current TERPS review. 28 May 19:19 2019 until 04 July 00:01 2019. Created: 28 May 19:19 2019 (Not Depicted On Graphics)

!KQZC 19/W0926 LPMR Aerodrome [US Department of Defense E-IPL ONLY] SID HPMA DIRIR 3A/3B based on host source dated 01 March 2018 not authorized without current TERPS review. 28 May 19:18 2019 until 04 July 00:01 2019. Created: 28 May 19:18 2019 (Not Depicted On Graphics)

!KQZC 19/W0923 LPMR Aerodrome [US Department of Defense E-IPL ONLY] TACAN runway 19 based on host source dated 01 March 2018 not authorized without current TERPS review. 28 May 19:16 2019 until 04 July 00:01 2019. Created: 28 May 19:16 2019 (Not Depicted On Graphics)

!KQZC 19/W0921 LPMR Aerodrome [US Department of Defense E-IPL ONLY] SID HPMA BUMOG 3A/3B based on host source dated 01 March 2018 not authorized without current TERPS review. 28 May 19:14 2019 until 04 July 00:01 2019. Created: 28 May 19:14 2019 (Not Depicted On Graphics)

!KQZC 19/W0919 LPMR Aerodrome [US Department of Defense E-IPL ONLY] SID HPMA ETOPI 3A/3B based on host source dated 01 March 2018 not authorized without current TERPS review. 28 May 19:13 2019 until 04 July 00:01 2019. Created: 28 May 19:13 2019 (Not Depicted On Graphics)

!KQZC 19/W0917 LPMR Aerodrome [US Department of Defense E-IPL ONLY] SID ETOPI 1N/1S based on host source dated 01 March 2018 not authorized without current TERPS review. 28 May 19:12 2019 until 04 July 00:01 2019. Created: 28 May 19:12 2019 (Not Depicted On Graphics)

!KQZC 19/W0913 LPMR Aerodrome [US Department of Defense E-IPL ONLY] TACAN

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runway 01 based on host source dated 23 May 2019 not authorized without current TERPS review. 28 May 19:08 2019 until 04 July 00:01 2019. Created: 28 May 19:08 2019 (Not Depicted On Graphics)

!KQZC 19/W0911 LPMR Aerodrome [US Department of Defense E-IPL ONLY] SID HPMA OMEXO 3A/3B based on host source dated 01 March 2018 not authorized without current TERPS review. 28 May 19:06 2019 until 04 July 00:01 2019. Created: 28 May 19:06 2019 (Not Depicted On Graphics)

!KQZC 19/W0909 LPMR Aerodrome [US Department of Defense E-IPL ONLY] SID BUMOG 1N/1S based on host source dated 01 March 2018 not authorized without current TERPS review. 28 May 19:04 2019 until 04 July 00:01 2019. Created: 28 May 19:04 2019 (Not Depicted On Graphics)

!KQZC 19/W0907 LPMR Aerodrome [US Department of Defense E-IPL ONLY] SID DIRIR 1N/1S based on host source dated 01 March 2018 not authorized without current TERPS review. 28 May 18:59 2019 until 04 July 00:01 2019. Created: 28 May 18:59 2019 (Not Depicted On Graphics)

!KQZC 19/W0905 LPMR Aerodrome [US Department of Defense E-IPL ONLY] SID HPMA ARBAV 3A/3B based on host source dated 01 March 2018 not authorized without current TERPS review. 28 May 18:57 2019 until 04 July 00:01 2019. Created: 28 May 18:57 2019 (Not Depicted On Graphics)

!KQZC 19/W0904 LPMR Aerodrome [US Department of Defense E-IPL ONLY] SID ARBAV 1N/1S based on host source dated 01 March 2018 not authorized without current TERPS review. 28 May 18:55 2019 until 04 July 00:01 2019. Created: 28 May 18:55 2019 (Not Depicted On Graphics)

!KQZC 19/W0903 LPMR Aerodrome [US Department of Defense E-IPL ONLY] ILS Z runway 19 based on host source dated 01 March 2018 not authorized without current TERPS review. 28 May 18:53 2019 until 04 July 00:01 2019. Created: 28 May 18:53 2019 (Not Depicted On Graphics)

!KQZC 19/W0900 LPMR Aerodrome [US Department of Defense E-IPL ONLY] ILS runway 01 based on host source dated 01 March 2018 not authorized without current TERPS review. 28 May 18:51 2019 until 04 July 00:01 2019. Created: 28 May 18:51 2019 (Not Depicted On Graphics)

!KACC 19/V0248 ORBR [US Department of Defense procedural NOTAM] instrument approach procedure amendment IFR take-off minimums and (OBSTACLE) departure procedures diverse departure not authorized. 29 June 00:00 2019 until 17 July 23:59 2019. Created: 28 June 13:02 2019 (Not Depicted On Graphics)

!KACC 19/V0247 ORBR [US Department of Defense procedural NOTAM] instrument approach procedure amendment IFR take-off minimums and (OBSTACLE) departure procedures runway

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13 remain between 220 CW 290 , continue climb to 7600' mean sea level. Minimum climb gradient 444 feet/NM to 7,600 feet mean sea level. Take-off obstacles: terrain 2,391 feet from der 1,141 feet left of centerline, 2,144 feet mean sea level terrain 807 feet from der 716 feet left of centerline, 2,114 feet mean sea level terrain 766 feet from der 697 feet left of centerline, 2,113 feet mean sea level terrain 215 feet from der 531 feet left of centerline, 2,103 feet mean sea level terrain 0FT from der 500 feet left of centerline, 2,099 feet mean sea level. 29 June 00:00 2019 until 17 July 23:59 2019. Created: 28 June 12:59 2019 (Not Depicted On Graphics)

!KACC 19/V0246 ORBR [US Department of Defense procedural NOTAM] instrument approach procedure amendment IFR take-off minimums and (OBSTACLE) departure procedures runway 31 remain between 220 CW 293 , continue climb to 7600' mean sea level. Minimum climb gradient 382 feet/NM to 7,600 feet mean sea level. Take-off obstacles: terrain 0FT from der 500 feet right of centerline, 2,022 feet mean sea level terrain 317 feet from der 585 feet right of centerline, 2,024 feet mean sea level terrain 653 feet from der 640 feet right of centerline, 2,031 feet mean sea level terrain 761 feet from der 704 feet right of centerline, 2,033 feet mean sea level. 29 June 00:00 2019 until 17 July 23:59 2019. Created: 28 June 12:57 2019 (Not Depicted On Graphics)

!KACC 19/V0245 ORBR [US Department of Defense procedural NOTAM] instrument approach procedure amendment area navigation (RNAV) (GPS) runway 13 increase minutes category A 2860-1500M 801 (800-1500M); category B 2860-1600M 801 (800-1600M); category C 2860-3600M 801 (800-3600M); category D 2860-3600M 801 (800-3600M). When approach light system inoperative, increase category A visibility to 1600M category B visibility to 2000M CD visibility to 3800. 29 June 00:00 2019 until 17 July 23:59 2019. Created: 28 June 12:54 2019 (Not Depicted On Graphics)

!KACC 19/V0244 ORBR [US Department of Defense procedural NOTAM] instrument approach procedure amendment area navigation (RNAV) (GPS) runway 13 increase circling minima category A 2860-1600M 763 (800-1600M); category B 2860-2000M 763 (800-2000M); category C 3460-4800M 1363 (1400-4800M); category D 3860-4800M 1763 (1800-4800M). 29 June 00:00 2019 until 17 July 23:59 2019. Created: 28 June 12:52 2019 (Not Depicted On Graphics)

!KUSA 19/V0080 RKSG [US Department of Defense procedural NOTAM] instrument approach procedure changed ILS OR localizer runway 32, original ... PYONG fix minimums circling category A/B/C MDA 660/HAA 607, visibility category C 1 3/4; due to TEMP crane 3,900 feet southwest of runway 14 approach end of runway - until February 2020. 29 March 17:28 2019 until 18 July 23:59 2019. Created: 29 March 17:28 2019 (Not Depicted On Graphics)

!KUSA 19/V0079 RKSG [US Department of Defense procedural NOTAM] instrument approach procedure changed area navigation (RNAV) (GPS) runway 32, amendment 1 ... Circling category A/B/C MDA 660/HAA 607, visibility category C 1 3/4; due to TEMP crane 3,900 feet southwest of runway 14 approach end of runway - until February 2020. 29 March 17:25 2019 until 18 July 23:59 2019. Created: 29 March 17:25 2019 (Not Depicted On Graphics)

General FDC

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All published NOTAMs are available in the [Notices to Airmen Publication \(NTAP\)](#).

ARTCC NOTAMs

!FDC 9/4544 KZMA AIRSPACE ADS-B, AUTO DEPENDENT SURVEILLANCE REBROADCAST (ADS-R), TFC INFO SERVICE BCST (TIS-B), FLT INFO SERVICE BCST (FIS-B) SERVICES MAY NOT BE AVBL WI AN AREA DEFINED AS 93NM RADIUS OF 260209N0781431W. SFC-UNL. 01 JUL 21:30 2019 UNTIL 08 JUL 22:00 2019 ESTIMATED. CREATED: 01 JUL 21:06 2019

!FDC 8/3881 KZMA FL..SPECIAL NOTICE.. GULF OF MEXICO RNAV AND ATLANTIC ROUTES PUBLISHED CO-DESIGNATION ON ENROUTE HIGH CHARTS H-7, H-8, AND H-9 CHARTS. THE RNAV ROUTES Q100 AND Q102 WILL BE CO-DESIGNATED WITH Y280 AND Y290 RESPECTIVELY. ADDITIONALLY, MULTIPLE ATLANTIC ROUTES (AR) WILL BE CO-DESIGNATED AS Y ROUTES, E.G. AR 21/Y 289. UNTIL FURTHER NOTICE AND COMPLETION OF TRANSITION OF THE U.S. EAST COAST PBN ROUTE STRUCTURE, OPERATORS ARE TO FOLLOW THE PUBLISHED GUIDANCE APPLICABLE TO THE ROUTES INDICATED IN THEIR FLIGHT PLAN. FOR EXAMPLE, OPERATORS FILING TO FLY Q100 ARE TO FOLLOW THE GULF Q ROUTE GUIDANCE IN THE NTAP (PART 3, SECTION 2) GULF OF MEXICO Q ROUTES. ADDITIONALLY, OPERATORS FILING TO FLY Y280 ARE TO FOLLOW THE Y ROUTE GUIDANCE IN THE U. S. AIP (ENR 7). SAME POLICY APPLIES TO CO-DESIGNATED AR AND Y ROUTES. IF AN OPERATOR FLIGHT PLANS A ROUTE OF FLIGHT INDICATING A COMBINATION OF ROUTES WHICH INCLUDES A Y ROUTE, THE AIRCRAFT MUST MEET THE EQUIPAGE AND PERFORMANCE REQUIREMENTS PUBLISHED IN THE AIP SECTION ENR 7.10. PLEASE DIRECT ANY QUESTION TO FLIGHT TECHNOLOGIES AND PROCEDURES DIVISION, 202-267-8790. 09 NOV 15:00 2018 UNTIL PERM. CREATED: 09 NOV 15:01 2018

!FDC 4/5104 KZMA FL..SPECIAL NOTICE..DEPARTURES FROM ORLANDO TERMINAL AIRSPACE WITH ROUTES THROUGH MIAMI CENTER MUST ADDRESS THEIR FLIGHT PLANS TO JACKSONVILLE CENTER ONLY. FPL MESSAGES SHOULD NOT BE ADDRESSED TO MIAMI CENTER. 29 OCT 17:40 2014 UNTIL PERM. CREATED: 29 OCT 17:50 2014

Chart NOTAMs

!FDC 9/8126 FDC CHART CORRECT U.S. GOVERNMENT JACKSONVILLE VFR SECTIONAL AERONAUTICAL CHART, 103RD EDITION, EFFECTIVE 31 JAN 2019... SHIFT EVERIDGE ARPT TEXT TO ARPT SYMBOL AT 32 13 11N, 83 51 19W; AND SHIFT BYROMVILLE ARPT TEXT TO ARPT SYMBOL AT 32 10 46N, 83 54 00W. 03 JUN 18:07 2019 UNTIL PERM. CREATED: 03 JUN 18:09 2019

!FDC 9/0520 FDC CHART CORRECT U.S. GOVERNMENT VFR AERONAUTICAL CHART GRAND CANYON, 4TH EDITION, EFFECTIVE 28 FEB 2019... CHANGE COORDINATES OF VFR WAYPOINT VPGCD FROM 33 22.87N, 112 18.70W TO 36 22.87N, 112 18.70W. 28 FEB 16:34 2019 UNTIL PERM. CREATED: 28 FEB 16:35 2019

Other NOTAMs

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!FDC 9/9586 FDC SECURITY SPECIAL SECURITY INSTRUCTIONS FOR UNMANNED AIRCRAFT SYSTEM (UAS) OPERATIONS WITHIN AND IN THE VICINITY OF AIRSPACE OVERLYING THE TERRITORIAL AND NAVIGABLE WATERS OF THE UNITED STATES OF AMERICA (USA). PURSUANT TO 49 USC SECTION 40103(B)(3), THE FAA CLASSIFIES THE AIRSPACE DEFINED IN THIS NOTAM AND IN FURTHER DETAIL BY THE FAA WEBSITE IDENTIFIED BELOW AS 'NATIONAL DEFENSE AIRSPACE'. OPERATORS WHO DO NOT COMPLY WITH THE FOLLOWING PROCEDURES MAY FACE THE FOLLOWING ENFORCEMENT ACTIONS: THE UNITED STATES GOVERNMENT MAY PURSUE CRIMINAL CHARGES, INCLUDING CHARGES UNDER 49 USC SECTION 46307; AND THE FAA MAY TAKE ADMINISTRATIVE ACTION, INCLUDING IMPOSING CIVIL PENALTIES AND REVOKING FAA CERTIFICATES OR AUTHORIZATIONS TO OPERATE UNDER TITLE 49 USC SECTIONS 44709 AND 46301. IN ADDITION, PURSUANT TO 10 USC SECTION 130I, THE DEPARTMENT OF DEFENSE (DOD) MAY TAKE SECURITY ACTION THAT RESULTS IN THE INTERFERENCE, DISRUPTION, SEIZURE, DAMAGING, OR DESTRUCTION OF UNMANNED AIRCRAFT CONSIDERED TO POSE A SAFETY OR SECURITY THREAT TO SPECIAL SECURITY INSTRUCTIONS FOR UNMANNED PROTECTED DOD ASSETS. PURSUANT TO 14 CFR SECTION 99.7, SPECIAL SECURITY INSTRUCTIONS (SSI), ALL UNMANNED AIRCRAFT ARE PROHIBITED FROM FLYING WITHIN A STAND-OFF DISTANCE OF 3000FT Laterally AND 1000FT ABOVE ANY U.S. NAVY (USN) VESSEL OPERATING, TRANSITING, OR AT PORT WITHIN THE TERRITORIAL WATERS AND/OR NAVIGABLE WATERS OF THE USA. THE AIRSPACE IN WHICH UAS OPERATIONS MUST COMPLY WITH THIS SSI IS DEFINED AS THE AIRSPACE, SFC-2000FT MSL, ABOVE THE TERRITORIAL AND NAVIGABLE WATERS OF THE USA, INCLUDING PORTS, ANCHORAGES AND ADJACENT LAND. THE TERRITORIAL WATERS OVER WHICH THIS SSI APPLIES ARE VISUALLY DEPICTED AND GEOSPATIALLY DEFINED ON THE FOLLOWING FAA WEBSITE: [HTTPS://UDDS-FAA.OPENDATA.ARCGIS.COM](https://udds-faa.opendata.arcgis.com). NAVIGABLE WATERS OF THE USA ARE DEFINED BY 33 CFR PART 329. ADDITIONAL SECURITY-RELATED UAS RESTRICTIONS ARE DEPICTED ON [HTTPS://UDDS-FAA.OPENDATA.ARCGIS.COM](https://udds-faa.opendata.arcgis.com). UAS OPERATORS NEEDING TO OPERATE IN THE DEFINED AIRSPACE IN CLOSE SPECIAL SECURITY INSTRUCTIONS FOR UNMANNED PROXIMITY TO USN VESSELS OPERATING IN TERRITORIAL AND NAVIGABLE WATERS OF THE USA FOR OVERRIDING REASONS OF PUBLIC INTEREST OR NECESSITY (SUCH AS IN DIRECT SUPPORT OF AN ACTIVE NATIONAL DEFENSE, HOMELAND SECURITY, LAW ENFORCEMENT, FIREFIGHTING, SEARCH AND RESCUE, OR DISASTER RESPONSE MISSION; OR COMMERCIAL ACTIVITY) MUST COORDINATE AND OBTAIN ADVANCE AUTHORIZATION FROM THE APPROPRIATE DOD/USN POINT OF CONTACT IDENTIFIED IN THE FOLLOWING FAA WEBSITE: [HTTPS://UDDS-FAA.OPENDATA.ARCGIS.COM](https://udds-faa.opendata.arcgis.com). OPERATORS UNABLE TO SUCCESSFULLY COORDINATE WITH THESE DOD OR USN POINTS OF CONTACT MAY CONTACT THE FAA SYSTEM OPERATIONS SUPPORT CENTER (SOSC) AT (202) 267-8276 FOR FURTHER ASSISTANCE. IF YOU HAVE GENERAL QUESTIONS REGARDING UAS OPERATIONS, PLEASE REFER TO [WWW.FAA.GOV/UAS/CONTACT](http://www.faa.gov/uas/contact); OR CONTACT THE FAA VIA EMAIL AT UASHELP@FAA.GOV OR PHONE AT (844) FLY-MY-UA. IF YOU HAVE QUESTIONS REGARDING THIS UAS-SPECIFIC SSI, PLEASE REFER TO

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THE FOLLOWING FAA WEBSITE: [HTTPS://UDDS-FAA.OPENDATA.ARCGIS.COM](https://UDDS-FAA.OPENDATA.ARCGIS.COM); OR CONTACT THE FAA SOSC AT (202) 267-8276. 20 MAY 14:00 2019 UNTIL 20 MAY 14:00 2020. CREATED: 17 MAY 21:31 2019

!FDC 9/7567 FDC AIRSPACE EMERGENCY ORDER OF PROHIBITION..OPERATORS OF BOEING COMPANY MODEL 737-8 AND BOEING COMPANY MODEL 737-9 AIRPLANES AN EMERGENCY ORDER OF PROHIBITION HAS BEEN ISSUED BY THE FEDERAL AVIATION ADMINISTRATION (FAA) PURSUANT TO 49 U.S.C. 40113(A) AND 46105(C), EFFECTIVE 13 MAR 19, THAT PROHIBITS THE OPERATION OF BOEING MODEL 737-8 AND BOEING COMPANY MODEL 737-9 AIRPLANES BY U.S. CERTIFICATED OPERATORS. THE ORDER ALSO PROHIBITS THE OPERATION OF BOEING COMPANY MODEL 737-8 AND BOEING COMPANY MODEL 737-9 AIRPLANES IN THE TERRITORIAL AIRSPACE OF THE UNITED STATES. THE FULL TEXT OF THE ORDER IS AVAILABLE ON THE FAAS WEBSITE AT WWW.FAA.GOV/NEWS/UPDATES/MEDIA/EMERGENCY_ORDER.PDF SPECIAL FLIGHT PERMITS MAY BE ISSUED IN ACCORDANCE WITH 14 CFR SECTIONS 21.197 AND 21.199, INCLUDING TO ALLOW NON-PASSENGER CARRYING FLIGHTS, AS NEEDED, FOR PURPOSES OF FLIGHT TO A BASE FOR STORAGE, PRODUCTION FLIGHT TESTING, REPAIRS, ALTERATIONS, OR MAINTENANCE. EXPERIMENTAL AIRWORTHINESS CERTIFICATES MAY BE ISSUED IN ACCORDANCE WITH 14 CFR 21.191 TO SUPPORT CERTIFICATION OF DESIGN CHANGES. THE EMERGENCY ORDER OF PROHIBITION WAS EFFECTIVE ON 13 MAR 19 AND THE FULL TEXT OF THE PROHIBITION WILL BE PUBLISHED IN THE FEDERAL AIRSPACE EMERGENCY ORDER OF PROHIBITION..OPERATORS REGISTER ON 18 MAR 19. THE FAA ISSUED THIS ORDER BASED ON THE INITIAL INVESTIGATIONS OF TWO RECENT BOEING COMPANY MODEL 737-8 CRASHES. THE FAA IS CONTINUING TO INVESTIGATE THESE INCIDENTS AND TO ADDRESS FACTORS THAT MAY HAVE CONTRIBUTED TO THESE ACCIDENTS, AND WILL RESCIND OR MODIFY THIS ORDER AS APPROPRIATE TO MAINTAIN THE SAFETY OF THE AVIATION SYSTEM. FOR FURTHER INFORMATION CONTACT THE FAA BY EMAIL AT ASKFAA@FAA.GOV. F) SFC G) UNL 15 MAR 19:28 2019 UNTIL PERM. CREATED: 15 MAR 19:49 2019

!FDC 9/5103 FDC SPECIAL NOTICE... ON SUNDAY, 9 JUNE, HUNDREDS OF US COMMERCIAL REGIONAL JET AND LARGE TRANSPORT CATEGORY AIRCRAFT WERE NOT ABLE TO DISPATCH DUE TO LOSS OF GLOBAL POSITIONING SYSTEM (GPS) FUNCTIONALITY ON THEIR COLLINS AEROSPACE RECEIVERS, EITHER THE GPS-4000S (COLLINS PART NUMBER 822-2189-100) OR THE GLU-2100 (COLLINS PART NUMBER 822-2532-100). COLLINS ESTIMATES THAT THE TWO GPS RECEIVERS ACCOUNT FOR 6000 UNITS IN THE FIELD. THESE UNITS ARE INSTALLED ON OVER 2300 AIRCRAFT. ONLY THOSE AIRCRAFT WITH GPS UNITS CONNECTED TO THE GPS CONSTELLATIONS (LIVE SKY) BETWEEN THE DATES OF JUNE 9 AND JUNE 16 ARE AFFECTED. THE ISSUE WAS DETERMINED TO BE A CODE ERROR IN THE MULTI-MODE RECEIVER WHEN CALCULATING THE GLOBAL NAVIGATION SATELLITE SYSTEM WEEK. THE CALCULATION BECOMES STUCK IN A LOOP, EVENTUALLY CAUSING THE UNIT TO RESET. THE ERROR ONLY MANIFESTS WHEN THE WEEK VALUE IS 128. THAT WEEK BEGAN ON JUNE 9, 2019,

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AT 0000 GREENWICH MEAN TIME (GMT) AND WILL END ON JUNE 16, 2019 AT 0000 GMT. A MAINT ACTION TO CLEAR THE RECEIVERS NON VOLATILE MEMORY (NVM) WILL NOT REMOVE THE ISSUE UNTIL THE WEEK VALUE CHANGES FROM 128. AFTER THAT TIME, A CLEARING OF THE NVM SHOULD RETURN THE RECEIVER TO NORMAL OPERATION AT LEAST UNTIL THE TIME THE WEEK CALCULATION AGAIN NOTICE... ON SUNDAY, 9 JUNE, HUNDREDS OF US EQUALS 128. COLLINS IS CURRENTLY WORKING ON A SERVICE INFORMATION LETTER TO INSTRUCT OWNERS/OPERATORS HOW TO DETERMINE IF THEY WILL BE ABLE TO CLEAR THE NON-VOLATILE MEMORY THEMSELVES (AND HOW TO DO THAT) OR IF IT WILL NEED TO BE RETURNED TO A SERVICE CENTER TO BE CLEARED. THE AIR CARRIER OR OPERATOR SHOULD CONTACT THE ACFT MANUFACTURER TO DETERMINE THE IMPACT OF THE GPS SOURCE FAILURE. IF MEL RELIEF IS AVBL, THE AIR CARRIER/OPERATOR MUST ENSURE THEY ARE FLT PLANNING AND FILING THE ACFT APPROPRIATELY. OPERATORS SHOULD BE AWARE THAT THERE MAY BE ADDITIONAL SYSTEMS AFFECTED DUE TO THEIR DEPENDENCE ON THE AFFECTED GPS SYSTEM SIGNAL. THE NAVIGATION AND SURVEILLANCE CODES ARE OR MAY BE AFFECTED. THE FAA GUIDANCE FOR FLT PLAN FILING CAN BE FOUND BY ACCESSING THE FAA FLT PLAN FILING PAGE AT:
[HTTPS://WWW.FAA.GOV/ABOUT/OFFICE_ORG/HEADQUARTERS_OFFICES/ATO/SERVICE_UNITS/AIR_TRAFFIC_SERVICES/FLIGHT_PLAN_FILING/](https://www.faa.gov/about/office_org/headquarters_offices/ato/service_units/air_traffic_services/flight_plan_filing/)
[HTTPS://WWW.FAA.GOV/ABOUT/OFFICE_ORG/HEADQUARTERS_OFFICES/ATO/SERVICE_UNITS/AIR_TRAFFIC_SERVICES/FLIGHT_PLAN_FILING/](https://www.faa.gov/about/office_org/headquarters_offices/ato/service_units/air_traffic_services/flight_plan_filing/)
[HTTPS://WWW.FAA.GOV/ABOUT/OFFICE_ORG/HEADQUARTERS_OFFICES/ATO/SERVICE_UNITS/AIR_TRAFFIC_SERVICES/FLIGHT_PLAN_FILING/](https://www.faa.gov/about/office_org/headquarters_offices/ato/service_units/air_traffic_services/flight_plan_filing/)
[HTTPS://WWW.FAA.GOV/ABOUT/OFFICE_ORG/HEADQUARTERS_OFFICES/ATO/SERVICE_UNITS/AIR_TRAFFIC_SERVICES/FLIGHT_PLAN_FILING/](https://www.faa.gov/about/office_org/headquarters_offices/ato/service_units/air_traffic_services/flight_plan_filing/) SPECIFIC GUIDANCE ON PERFORMANCE BASED NAVIGATION AND FILING CAN BE FOUND AT THE FOLLOWING LINK: NOTICE... ON SUNDAY, 9 JUNE, HUNDREDS OF US
[HTTPS://WWW.FAA.GOV/ABOUT/OFFICE_ORG/HEADQUARTERS_OFFICES/ATO/SERVICE_UNITS/AIR_TRAFFIC_SERVICES/FLIGHT_PLAN_FILING/MEDIA/FILING_PERFORMANCE_BASED_NAVIGATION_CAPABILITY_FAA_DOMESTIC_ICAO_FLIGHT_PL AN-V6.PDF](https://www.faa.gov/about/office_org/headquarters_offices/ato/service_units/air_traffic_services/flight_plan_filing/media/filing_performance_based_navigation_capability_faa_domestic_icao_flight_plan-v6.pdf)
[HTTPS://WWW.FAA.GOV/ABOUT/OFFICE_ORG/HEADQUARTERS_OFFICES/ATO/SERVICE_UNITS/AIR_TRAFFIC_SERVICES/FLIGHT_PLAN_FILING/MEDIA/FILING_PERFORMANCE_BASED_NAVIGATION_CAPABILITY_FAA_DOMESTIC_ICAO_FLIGHT_PL AN-V6.PDF](https://www.faa.gov/about/office_org/headquarters_offices/ato/service_units/air_traffic_services/flight_plan_filing/media/filing_performance_based_navigation_capability_faa_domestic_icao_flight_plan-v6.pdf)
[HTTPS://WWW.FAA.GOV/ABOUT/OFFICE_ORG/HEADQUARTERS_OFFICES/ATO/SERVICE_UNITS/AIR_TRAFFIC_SERVICES/FLIGHT_PLAN_FILING/MEDIA/FILING_PERFORMANCE_BASED_NAVIGATION_CAPABILITY_FAA_DOMESTIC_ICAO_FLIGHT_PL AN-V6.PDF](https://www.faa.gov/about/office_org/headquarters_offices/ato/service_units/air_traffic_services/flight_plan_filing/media/filing_performance_based_navigation_capability_faa_domestic_icao_flight_plan-v6.pdf)
[HTTPS://WWW.FAA.GOV/ABOUT/OFFICE_ORG/HEADQUARTERS_OFFICES/ATO/SERVICE_UNITS/AIR_TRAFFIC_SERVICES/FLIGHT_PLAN_FILING/MEDIA/FILING_PERFORMANCE_BASED_NAVIGATION_CAPABILITY_FAA_DOMESTIC_ICAO_FLIGHT_PL AN-V6.PDF](https://www.faa.gov/about/office_org/headquarters_offices/ato/service_units/air_traffic_services/flight_plan_filing/media/filing_performance_based_navigation_capability_faa_domestic_icao_flight_plan-v6.pdf) NOTE: TO SUPPRESS FLIGHT PLAN FILING OF RNAV SIDS, Q OR T ROUTES, OR STARS THE OPERATOR SHOULD FILE NAV/RNVD0E0A0 IN FIELD 18 OF THE ICAO FLIGHT PLAN. NOTE: WHEN ASSESSING COMPLIANCE WITH RVSM,

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OPERATORS SHOULD BE COGNIZANT OF ALL RVSM REQUIREMENTS SPECIFIED FOR THEIR ACFT. GPS/ADS-B OUT FACILITATES HEIGHT MONITORING OF THE ACFT. GPS/ADS-B OUTAGES ALONE DO NOT AFFECT THE ALTITUDE-KEEPING CAPABILITIES OF THE ACFT. CONSEQUENTLY, PARAGRAPH 9(A)5 OF PART 91, APPENDIX G ALLOWS FOR OPERATION OF ACFT IN RVSM AIRSPACE, UNDER THE PROVISIONS OF SECTION 9, WHEN GPS OUTAGES OCCUR. OPERATORS SHOULD FILE APPROPRIATELY BASED ON THE OVERALL IMPACT OF THE ACFT SYSTEMS. NOTICE... ON SUNDAY, 9 JUNE, HUNDREDS OF US RETURN OF GPS FUNCTIONALITY NVM RESET WILL BE REQUIRED FOR UNITS THAT WERE POWERED ON DURING THE WEEK OF JUNE 9 TO JUNE 15. UNITS THAT WERE NOT POWERED ON WITH A LIVE SKY VIEW WILL OPERATE NORMALLY WHEN POWERED UP AFTER SUNDAY JUNE 16, 0010 UTC. A SOFTWARE FIX IS NECESSARY FOR THE LONG-TERM SOLUTION. COLLINS AEROSPACE EXPECTS TO SUBMIT A CODING REVISION TO THEIR GPS UNITS BEFORE THE END OF SEPTEMBER 2019 WITH A PLAN TO UPDATE THE UNITS IN THE FIELD - BOTH INSTALLED AND IN STOCK. POINT OF CONTACT: FAA AFS 202-267-4147 14 JUN 20:15 2019 UNTIL PERM. CREATED: 14 JUN 20:23 2019

!FDC 9/3332 FDC SECURITY SPECIAL SECURITY INSTRUCTIONS (SSI) FOR UNMANNED AIRCRAFT SYSTEM (UAS) OPERATIONS OVER MULTIPLE LOCATIONS NATIONWIDE. THIS NOTAM SUPPLEMENTS FDC 8/3277 TO PROVIDE AN UPDATE ON SSI AIRSPACE ESTABLISHED BY THE FAA PURSUANT TO 14 C.F.R. SECTION 99.7 OVER SELECT NATIONAL SECURITY SENSITIVE LOCATIONS. AT THE REQUEST OF THE DEPARTMENT OF DEFENSE, THE FAA HAS THE APPLIED THE SSI DEFINED BY FDC 8/3277 OVER ADDITIONAL LOCATIONS. UAS OPERATORS ARE URGED TO REVIEW THE RESTRICTIONS DESCRIBED BY FDC 8/3277 AND THE FOLLOWING FAA WEBSITE: [HTTP://UDDS-FAA.OPENDATA.ARCGIS.COM/](http://UDDS-FAA.OPENDATA.ARCGIS.COM/), WHICH PROVIDES A CURRENT DESCRIPTION OF AFFECTED AIRSPACE, INCLUDING THESE NEW LOCATIONS, AND OTHER IMPORTANT INFORMATION. 27 JUN 22:50 2019 UNTIL 11 JUL 23:59 2019. CREATED: 27 JUN 22:58 2019

!FDC 8/3277 FDC SECURITY..SPECIAL SECURITY INSTRUCTIONS FOR UNMANNED AIRCRAFT SYSTEM (UAS) OPERATIONS FOR MULTIPLE LOCATIONS NATIONWIDE DECEMBER 20, 2018 TO DECEMBER 20, 2019 LOCAL. THIS NOTAM REPLACES NOTAM FDC 7/7282 TO PROVIDE UPDATED INSTRUCTIONS. PURSUANT TO 49 U.S.C. SECTION 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 AND SECURITY ACTIONS: THE UNITED STATES GOVERNMENT MAY PURSUE CRIMINAL CHARGES, INCLUDING CHARGES UNDER 49 U.S.C. SECTION 46307. THE FAA MAY TAKE ADMINISTRATIVE ACTION, INCLUDING IMPOSING CIVIL PENALTIES AND THE REVOCATION OF FAA CERTIFICATES OR AUTHORIZATIONS TO OPERATE UNDER TITLE 49 U.S.C. SECTIONS 44709 AND 46301. IN ADDITION, PURSUANT TO 10 U.S.C. SECTION 130I, 50 U.S.C. SECTION 2661, AND SECTION 1602 OF PUB. L. 115-254, THE DEPARTMENT OF DEFENSE (DOD), DEPARTMENT OF ENERGY (DOE),

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DEPARTMENT OF HOMELAND SECURITY (DHS), OR DEPARTMENT OF JUSTICE (DOJ) MAY TAKE SECURITY ACTION AT OR IN THE VICINITY OF SPECIFIC LOCATIONS WITHIN A SUBSET OF THE DEFINED AIRSPACE, OR IN RESTRICTED OR PROHIBITED AIRSPACE ADJACENT TO SUCH LOCATIONS, THAT SECURITY..SPECIAL SECURITY INSTRUCTIONS FOR UNMANNED RESULTS IN THE INTERFERENCE, DISRUPTION, SEIZURE, DAMAGING, OR DESTRUCTION OF UNMANNED AIRCRAFT CONSIDERED TO POSE A SAFETY OR SECURITY THREAT TO FACILITIES OR ASSETS. PURSUANT TO 14 C.F.R. SECTION 99.7, SPECIAL SECURITY INSTRUCTIONS (SSI), ALL UAS FLIGHT OPERATIONS ARE PROHIBITED WITHIN THE AIRSPACE OVER SELECT FACILITIES, SURFACE TO 400 FEET AGL, EXCEPT AS PROVIDED FOR BELOW. A LIST OF THESE SELECTED FACILITIES AND DEFINITIONS OF THE OVERLYING AIRSPACE IN WHICH UAS OPERATIONS ARE PROHIBITED; A LIST OF SPECIFIC FACILITIES AND DEFINITIONS OF THE ASSOCIATED SUBSET OF OVERLYING AIRSPACE IN WHICH NON-COMPLIANT UAS OPERATIONS MAY BE SUBJECT TO THE SECURITY ACTION CITED ABOVE; DESIGNATED FACILITY CONTACTS; AND OTHER IMPORTANT INFORMATION ARE PROVIDED AT THE FOLLOWING FAA WEBSITE: [HTTPS://UDDS-FAA.OPENDATA.ARCGIS.COM](https://UDDS-FAA.OPENDATA.ARCGIS.COM). SOME OF THE DEFINED SSI AIRSPACE MAY BE NEAR OR ADJACENT TO PROHIBITED AREAS AND RESTRICTED AREAS ESTABLISHED PURSUANT TO 14 C.F.R. SECTION PART 73. UAS OPERATIONS ARE AUTHORIZED WITHIN THE DEFINED SSI AIRSPACE IF IN COMPLIANCE WITH THE REQUIREMENTS LISTED BELOW: THE UAS FLIGHT OPERATION HAS BEEN PRE-APPROVED BY THE DESIGNATED SECURITY..SPECIAL SECURITY INSTRUCTIONS FOR UNMANNED FACILITY CONTACT BASED ON CRITERIA ESTABLISHED BY THE SPONSORING FEDERAL AGENCY IN COORDINATION WITH THE FAA; OR 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 IF THE UAS FLIGHT OPERATION IS CONDUCTED IN DIRECT SUPPORT OF A SIGNIFICANT AND URGENT GOVERNMENTAL INTEREST AND IS APPROVED BY THE FAA'S SYSTEM OPERATIONS SUPPORT CENTER (SOSC) IN ADVANCE OF ENTERING THE DEFINED SSI AIRSPACE; AND THE UAS FLIGHT OPERATION COMPLIES WITH ALL OTHER APPLICABLE FEDERAL AVIATION REGULATIONS. IF YOU HAVE GENERAL QUESTIONS REGARDING UAS OPERATIONS, PLEASE REFER TO WWW.FAA.GOV/UAS/CONTACT; OR CONTACT THE FAA VIA EMAIL AT UASHELP@FAA.GOV OR PHONE AT (844) FLY-MY-UA. IF YOU HAVE QUESTIONS REGARDING THESE UAS SSI, PLEASE REFER TO THE FOLLOWING FAA WEBSITE: [HTTPS://UDDS-FAA.OPENDATA.ARCGIS.COM](https://UDDS-FAA.OPENDATA.ARCGIS.COM); OR CONTACT THE FAA'S SOSC AT (202)267-8276. 20 DEC 17:00 2018 UNTIL 20 DEC 16:59 2019. CREATED: 19 DEC 19:07 2018

!FDC 8/2435 FDC ... SPECIAL NOTICE ... PILOTS ARE REMINDED THAT THERE ARE INCREASED SECURITY MEASURES IN PLACE FOR AIRCRAFT ENTERING DOMESTIC AIRSPACE, INCLUDING THOSE ENTERING FLORIDA COASTAL WATERS. ALL PILOTS OF VFR AIRCRAFT ARE REQUIRED TO FILE A DEFENSE

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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

!FDC 8/2314 FDC SECURITY..SPECIAL SECURITY INSTRUCTIONS FOR UNMANNED AIRCRAFT SYSTEM (UAS) OPERATIONS IN THE VICINITY OF NAVAL BASE KITSAP AND NAVAL SUBMARINE BASE KINGS BAY. PURSUANT TO 49 U.S.C. SECTION 40103(B)(3), THE FAA CLASSIFIES THE AIRSPACE DEFINED IN THIS NOTAM AND IN FURTHER DETAIL BY THE FAA WEBSITE IDENTIFIED BELOW AS 'NATIONAL DEFENSE AIRSPACE'. OPERATORS WHO DO NOT COMPLY WITH THE FOLLOWING PROCEDURES MAY FACE THE FOLLOWING ENFORCEMENT ACTIONS: THE UNITED STATES GOVERNMENT MAY PURSUE CRIMINAL CHARGES, INCLUDING CHARGES UNDER 49 U.S.C. SECTION 46307; AND THE FAA MAY TAKE ADMINISTRATIVE ACTION, INCLUDING IMPOSING CIVIL PENALTIES AND REVOKING FAA CERTIFICATES OR AUTHORIZATIONS TO OPERATE UNDER TITLE 49 U.S.C. SECTIONS 44709 AND 46301. IN ADDITION, PURSUANT TO 10 U.S.C. SECTION 130I, THE DEPARTMENT OF DEFENSE (DOD) AND UNITED STATES COAST GUARD (USCG) MAY TAKE SECURITY ACTION THAT RESULTS IN THE INTERFERENCE, DISRUPTION, SEIZURE, DAMAGING, OR DESTRUCTION OF UNMANNED AIRCRAFT CONSIDERED TO POSE A SAFETY OR SECURITY THREAT TO PROTECTED DOD OR USCG ASSETS. PURSUANT TO 14 C.F.R. SECTION 99.7, SPECIAL SECURITY INSTRUCTIONS (SSI), ALL UNMANNED AIRCRAFT ARE PROHIBITED FROM FLYING WITHIN A STAND-OFF DISTANCE OF 3,000 FEET LATERALLY FROM AND 1,000 FEET ABOVE SECURITY..SPECIAL SECURITY INSTRUCTIONS FOR A UNITED STATES NAVY (USN) OR USCG OPERATED VESSEL WHEN OPERATING WITHIN THE DEFINED AIRSPACE. THE AIRSPACE IN WHICH UAS OPERATIONS MUST COMPLY WITH THIS SSI IS DEFINED AS THE AIRSPACE, SFC - 2,000 FEET MSL, GENERALLY OVERLYING: 1) THE PORTION THE HOOD CANAL AND STRAIT OF JUAN DE FUCA EXTENDING FROM NAVAL BASE KITSAP NEAR BREMERTON, WA, TO THE PACIFIC; AND 2) THE PORTION OF THE CUMBERLAND SOUND EXTENDING FROM NAVAL SUBMARINE BASE KINGS BAY NEAR ST. MARYS, GA, TO THE ATLANTIC. THE AIRSPACE IN WHICH THIS SSI APPLIES IS VISUALLY DEPICTED AND GEOSPATIALLY DEFINED ON THE FOLLOWING FAA WEBSITE: [HTTPS://UDDS-FAA.OPENDATA.ARCGIS.COM](https://udds-faa.opendata.arcgis.com). UAS OPERATORS NEEDING TO OPERATE IN THE DEFINED AIRSPACE IN CLOSE PROXIMITY TO USN OR USCG VESSELS FOR OVERRIDING REASONS OF PUBLIC INTEREST OR NECESSITY (SUCH AS IN DIRECT SUPPORT OF AN ACTIVE NATIONAL DEFENSE, HOMELAND SECURITY, LAW ENFORCEMENT, FIREFIGHTING, SEARCH AND RESCUE, OR DISASTER RESPONSE MISSION) MUST COORDINATE AND OBTAIN ADVANCE AUTHORIZATION FROM THE APPROPRIATE DOD OR USCG POINT OF CONTACT IDENTIFIED IN THE

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FOLLOWING FAA WEBSITE: [HTTPS://UDDS-FAA.OPENDATA.ARCGIS.COM](https://UDDS-FAA.OPENDATA.ARCGIS.COM). OPERATORS UNABLE TO SUCCESSFULLY COORDINATE WITH THESE DOD OR USCG POINTS OF CONTACT MAY SECURITY..SPECIAL SECURITY INSTRUCTIONS FOR CONTACT THE FAA SYSTEM OPERATIONS SUPPORT CENTER (SOSC) AT (202) 267-8276 FOR FURTHER ASSISTANCE. IF YOU HAVE GENERAL QUESTIONS REGARDING UAS OPERATIONS, PLEASE REFER TO WWW.FAA.GOV/UAS/CONTACT; OR CONTACT THE FAA VIA EMAIL AT UASHELP@FAA.GOV OR PHONE AT (844) FLY-MY-UA. IF YOU HAVE QUESTIONS REGARDING THIS UAS-SPECIFIC SSI, PLEASE REFER TO THE FOLLOWING FAA WEBSITE: [HTTPS://UDDS-FAA.OPENDATA.ARCGIS.COM](https://UDDS-FAA.OPENDATA.ARCGIS.COM); OR CONTACT THE FAA SOSC AT (202) 267-8276. 26 OCT 21:00 2018 UNTIL 26 OCT 21:00 2019. CREATED: 25 OCT 19:36 2018

!FDC 8/2311 FDC SPECIAL NOTICE...NATIONAL SECURITY ADVISORY FOR UNMANNED AIRCRAFT SYSTEM (UAS) OPERATIONS IN PROXIMITY TO SELECT LOCATIONS AND MOBILE ASSETS NATIONWIDE. IN THE INTEREST OF NATIONAL SECURITY, UAS OPERATORS ARE STRONGLY ADVISED TO AVOID FLYING IN CLOSE PROXIMITY (GENERALLY, IN AIRSPACE WITHIN 3000FT Laterally AND 1000FT ABOVE UNLESS INDICATED BY THE FAA BY NOTAM OR OTHER MEANS) TO: DEPARTMENT OF DEFENSE (DOD) AND DEPARTMENT OF ENERGY (DOE) FACILITIES AND MOBILE ASSETS, INCLUDING VESSELS AND GROUND VEHICLE CONVOYS AND THEIR ASSOCIATED ESCORTS, SUCH AS UNITED STATES COAST GUARD (USCG) OPERATED VESSELS. PURSUANT TO 10 U.S.C. SECTION 130I AND 50 U.S.C. SECTION 2661, DOD, USCG (FOR ESCORT VESSELS), AND DOE PERSONNEL MAY TAKE SECURITY ACTION TO PROTECT COVERED FACILITIES AND MOBILE ASSETS, INCLUDING USCG OPERATED VESSELS ESCORTING UNITED STATES NAVY (USN) MOBILE ASSETS, THAT COULD RESULT IN THE INTERFERENCE, DISRUPTION, SEIZURE, DAMAGING, OR DESTRUCTION OF UNMANNED AIRCRAFT OPERATING IN THE INDICATED AIRSPACE, WHICH ARE CONSIDERED TO POSE SAFETY OR SECURITY THREATS. LOITERING DIRECTLY OVER COVERED FACILITIES OR MOBILE ASSETS, OR FOLLOWING MOVING COVERED MOBILE ASSETS, INCLUDING USN AND USCG VESSELS, IS STRONGLY DISCOURAGED. NOTICE...NATIONAL SECURITY ADVISORY FOR THE FAA RECOMMENDS THAT UAS OPERATORS NEEDING TO OPERATE IN THE INDICATED AIRSPACE FOR OVERRIDING REASONS OF PUBLIC INTEREST OR NECESSITY (SUCH AS IN DIRECT SUPPORT OF AN ACTIVE NATIONAL DEFENSE, HOMELAND SECURITY, LAW ENFORCEMENT, FIREFIGHTING, SEARCH AND RESCUE, OR DISASTER RESPONSE MISSION) COORDINATE IN ADVANCE WITH THE APPROPRIATE DOD, DOE, OR USCG ENTITY, OR BY CONTACTING THE FAA. DOD, DOE, AND USCG POINTS OF CONTACT FOR SPECIFIC COVERED FACILITIES AND MOBILE ASSETS MAY BE AVAILABLE ON THE FOLLOWING FAA WEBSITE: [HTTPS://UDDS-FAA.OPENDATA.ARCGIS.COM](https://UDDS-FAA.OPENDATA.ARCGIS.COM). OPERATORS UNABLE TO SUCCESSFULLY COORDINATE WITH DOD, DOE, OR USCG POINTS OF CONTACT MAY CONTACT THE FAA SYSTEM OPERATIONS SUPPORT CENTER (SOSC) AT (202) 267-8276 FOR FURTHER ASSISTANCE. THE FAA APPLIES, TO THE MAXIMUM EXTENT PRACTICABLE, SPECIAL SECURITY INSTRUCTIONS (SSI) PURSUANT TO 14 C.F.R.

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SECTION 99.7 OR OTHER AIRSPACE MEASURES THAT RESTRICT UAS OPERATIONS IN PROXIMITY TO FACILITIES AND MOBILE ASSETS COVERED BY 10 U.S.C. SECTION 130I AND 50 U.S.C. SECTION 2661. HOWEVER, IMPLEMENTING ADVANCE SSI OR OTHER AIRSPACE MEASURES MAY NOT BE FEASIBLE FOR ALL COVERED ASSETS AND MOBILE ASSET OPERATIONS. UAS OPERATORS SHOULD THEREFORE EXERCISE NOTICE...NATIONAL SECURITY ADVISORY FOR CAUTION WHEN FLYING IN PROXIMITY OF ALL DOD AND DOE FACILITIES AND MOBILE ASSETS, AND USCG MOBILE ASSETS. IF YOU HAVE GENERAL QUESTIONS REGARDING UAS OPERATIONS, PLEASE REFER TO WWW.FAA.GOV/UAS/CONTACT; OR CONTACT THE FAA VIA EMAIL AT UASHELP@FAA.GOV OR BY PHONE AT (844) FLY-MY-UA. IF YOU HAVE QUESTIONS REGARDING UAS-SPECIFIC SSI, PLEASE REFER TO THE FOLLOWING FAA WEBSITE: [HTTPS://UDDS-FAA.OPENDATA.ARCGIS.COM](https://UDDS-FAA.OPENDATA.ARCGIS.COM); OR CONTACT THE FAA SOSOC AT (202) 267-8276. 26 OCT 21:00 2018 UNTIL 26 OCT 21:00 2019. CREATED: 25 OCT 19:34 2018

!FDC 7/4319 FDC SECURITY SPECIAL SECURITY INSTRUCTIONS FOR SELECT SPORTING EVENTS. THIS NOTAM REPLACES FDC NOTAM 4/3621 TO CLARIFY ATC AUTHORIZATION OF TRANSITING FLIGHTS. THIS NOTAM IMPLEMENTS SECTION 352 OF PUBLIC LAW 108-7 AS AMENDED BY SECTION 521 OF PUBLIC LAW 108-199. 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 PRE-RACE 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

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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 ATC-ASSIGNED BEACON CODE AND MAINTAIN 2-WAY 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/AIRSPACE-WAIVERS-0](http://www.tsa.gov/stakeholders/airspace-waivers-0) OR BY CALLING TSA AT 571-227-2071. SUBMIT REQUESTS FOR FAA AIRSPACE WAIVERS AT [HTTPS://WAIVERS.FAA.GOV](https://waivers.faa.gov). 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, HYDRO-ELECTRIC, 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

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ADMINISTRATION AERONAUTICAL INFORMATION MANUAL (AIM) FOR INTERCEPTION PROCEDURES, CHAPTER 5, SECTION 6, PARAGRAPH 5-6-2. ALL AIRCRAFT OPERATING IN UNITED STATES NATIONAL AIRSPACE, IF CAPABLE, SHALL MAINTAIN A LISTENING WATCH ON VHF GUARD 121.5 OR UHF 243.0. IF AN AIRCRAFT IS INTERCEPTED BY U.S. MILITARY AIRCRAFT AND FLARES ARE DISPENSED, THE FOLLOWING PROCEDURES ARE TO BE FOLLOWED: FOLLOW THE INTERCEPT'S VISUAL SIGNALS, CONTACT AIR TRAFFIC CONTROL IMMEDIATELY ON THE LOCAL FREQUENCY OR ON VHF GUARD 121.5 OR UHF GUARD 243.0, AND COMPLY WITH THE INSTRUCTIONS GIVEN BY THE INTERCEPTING AIRCRAFT INCLUDING VISUAL SIGNALS IF UNABLE RADIO CONTACT. BE ADVISED THAT NONCOMPLIANCE MAY RESULT IN THE USE OF FORCE. 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 70-2. "THIS SIGNAL MAY BE DIRECTED AT SPECIFIC AIRCRAFT SUSPECTED OF MAKING UNAUTHORIZED ENTRY INTO THE SFRA/FRZ AND ARE ON A HEADING OR FLIGHT PATH THAT MAY BE INTERPRETED AS A THREAT OR THAT OPERATE CONTRARY TO THE OPERATING RULES FOR THE SFRA/FRZ". WIE UNTIL UFN. CREATED: 13 JAN 16:38 2012

State Department (KZZZ) NOTAMs

!FDC 6/4260 KZZZ SECURITY...SPECIAL SECURITY INSTRUCTIONS FOR FOREIGN

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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

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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 202-736-7158, OR AFTER HOURS AT 202-647-9000. 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 202-267-8115. 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

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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 TWO-WAY 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 TWO-WAY 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.

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TERRITORIAL AIRSPACE OVER ALASKA NORTH OF THE FIFTY-FOURTH 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 202-267-8115. 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

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ADDITION TO THE REQUIREMENTS PRESCRIBED IN 14 CFR PART 99, SECURITY CONTROL OF AIR TRAFFIC. THE REQUIREMENTS IN THIS NOTAM SUPERSEDE THE REQUIREMENTS FOR CIVIL AIRCRAFT OPERATIONS WITHIN OR TRANSITING U.S. TERRITORIAL AIRSPACE FORMERLY PUBLISHED IN FDC NOTAM 5/6289 (A0056/15). SECURITY REQUIREMENTS FOR CIVIL AIRCRAFT OPERATIONS TO OR FROM U.S. TERRITORIAL AIRSPACE ARE PROVIDED IN A SEPARATE NOTAM. IN ADDITION TO THE REQUIREMENTS OF THIS NOTAM, CIVIL AIRCRAFT OPERATIONS WITHIN OR TRANSITING THE TERRITORIAL AIRSPACE OF THE U.S. MUST COMPLY WITH ALL OTHER APPLICABLE REGULATIONS PUBLISHED IN TITLE 14 CFR. PART I. CIVIL AIRCRAFT OPERATIONS WITHIN U.S. TERRITORIAL AIRSPACE A. CIVIL AIRCRAFT WITH A MAXIMUM CERTIFICATED TAKEOFF GROSS WEIGHT LESS THAN OR EQUAL TO 100,309 POUNDS (45,500 KGS) ARE AUTHORIZED TO OPERATE WITHIN THE TERRITORIAL AIRSPACE OF THE U.S. IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS AND VFR IN AIRPORT TRAFFIC PATTERN AREAS OF UNITED STATES AIRPORTS NEAR THE UNITED STATES BORDER WITH THE EXCEPTION DESCRIBED IN PART I, PARAGRAPH B. B. CIVIL AIRCRAFT WITH A MAXIMUM CERTIFICATED TAKEOFF GROSS WEIGHT LESS THAN OR EQUAL TO 100,309 POUNDS (45,500 KGS) AND REGISTERED IN A U.S. STATE DEPARTMENT-DESIGNATED SPECIAL INTEREST COUNTRY OR OPERATING WITH THE ICAO THREE LETTER DESIGNATOR OF A COMPANY IN A COUNTRY LISTED AS A U.S. STATE DEPARTMENT-DESIGNATED SPECIAL INTEREST COUNTRY, UNLESS THE OPERATOR HOLDS VALID FEDERAL AVIATION ADMINISTRATION (FAA) PART 129 OPERATIONS SPECIFICATIONS, MUST OPERATE WITHIN THE TERRITORIAL AIRSPACE OF THE U.S. IN ACCORDANCE WITH THE SAME REQUIREMENTS AS CIVIL AIRCRAFT WITH A MAXIMUM CERTIFICATED TAKEOFF GROSS WEIGHT GREATER THAN 100,309 POUNDS (45,500 KGS), AS DESCRIBED IN PART I, PARAGRAPH C. C. CIVIL AIRCRAFT WITH A MAXIMUM CERTIFICATED TAKEOFF GROSS WEIGHT GREATER THAN 100,309 POUNDS (45,500 KGS) ARE AUTHORIZED TO OPERATE WITHIN THE TERRITORIAL AIRSPACE OF THE U.S. IF IN COMPLIANCE WITH ALL OF THE FOLLOWING CONDITIONS: 1) FILE AND ARE ON AN ACTIVE FLIGHT PLAN (IFR OR VFR); 2) ARE EQUIPPED WITH AN OPERATIONAL MODE C OR S TRANSPONDER, AND CONTINUOUSLY SQUAWK AN ATC ASSIGNED TRANSPONDER CODE; 3) MAINTAIN TWO-WAY 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 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. 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

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ANY AIRCRAFT REQUIRING AN FAA ROUTING AUTHORIZATION; AND 6) AIRCRAFT NOT REGISTERED IN THE U.S, WHEN CONDUCTING POST-MAINTENANCE, 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 FAA-CERTIFICATED 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 TWO-WAY 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 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. 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 NON-LISTED COUNTRY PRIOR TO ENTERING U.S. TERRITORIAL AIRSPACE MUST COMPLY

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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 TWO-WAY 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 TWO-WAY 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 FIFTY-FOURTH 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/FOR-INDUSTRY/GENERAL-AVIATION](http://www.tsa.gov/for-industry/general-aviation) OR CAN BE OBTAINED BY CONTACTING TSA AT 571-227-2071. 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 202-267-8115. PART IV. SPECIAL EMPHASIS A. PILOTS ARE REMINDED THAT THERE ARE INCREASED SECURITY MEASURES IN PLACE AT MANY AREAS. IN

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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

International

All published NOTAMs are available in the [Notices to Airmen Publication \(NTAP\)](#).

Departure:

None

Destination:

None

En Route:

KZMA 19/A1063 KZMA 20190708173000 20190708200000 Airspace reservation Avon HI complex active. Miami Center will not approve IFR flights WI an area defined as 28° 00' North 081° 21' West to 28° 00' North 081° 14' West to 27° 44' North 081° 08' West to 27° 34' North 081° 04' West to 27° 21' North 081° 00' West to 27° 16' North 081° 06' West to 27° 24' North 081° 11' West to 27° 30' North 081° 18' West to 27° 32' North 081° 22' West to 27° 42' North 081° 25' West to 27° 44' North 081° 25' West to 27° 55' North 081° 25' West to Point of origin. Airspace IS above the western half of BASINGER Military Operations Area (LINE bisecting NE to SW), R2901A/B/C/D/E/F/G/H/I/J /K/L/M/N, Avon east

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Military Operations Area and north of Avon east Military Operations Area. VFR flights are encouraged to exercise extreme caution. Surface - flight level 400, 08 July 17:30 2019 until 08 July 20:00 2019. Created: 03 July 16:58 2019

KZMA 19/A1062 KZMA 20190708173000 20190708200000 Lake PLACID Military Operations Area active. Miami Center will not APPROVE IFR flight and VFR flights are encouraged to exercise extreme caution WI an area defined as 27° 35' North 081° 42' West to 27° 55' North 081° 25' West to 27° 42' North 081° 25' West to 27° 32' North 081° 21' West to 27° 30' North 081° 17' West to 27° 24' North 081° 10' West to 27° 15' North 081° 04' West to 27° 04' North 081° 16' West to 27° 04' North 081° 28' West to Point of origin. 7,000 feet - flight level 400, 08 July 17:30 2019 until 08 July 20:00 2019. Created: 03 July 16:48 2019

KZMA 19/A1058 KZMA 20190703173000 20190703193000 Lake PLACID Military Operations Area active. Miami Center will not approve IFR flight and VFR flights are encouraged to exercise extreme caution WI an area defined as 27° 35' North 081° 42' West to 27° 55' North 081° 25' West to 27° 42' North 081° 25' West to 27° 32' North 081° 21' West to 27° 30' North 081° 17' West to 27° 24' North 081° 10' West to 27° 15' North 081° 04' West to 27° 04' North 081° 16' West to 27° 04' North 81° 28' West to Point of origin. 7,000 feet - flight level 400, 03 July 17:30 2019 until 03 July 19:30 2019. Created: 02 July 19:49 2019

KZMA 19/A1057 KZMA 20190703173000 20190703193000 Reservation Avon HI complex active. Miami Center will not approve IFR flights WI an area defined as 28° 00' North 081° 21' West to 28° 00' North 081° 14' West to 27° 44' North 081° 08' West to 27° 34' North 081° 04' West to 27° 21' North 081° 00' West to 27° 16' North 081° 06' West to 27° 24' North 081° 11' West to 27° 30' North 081° 18' West to 27° 32' North 081° 22' West to 27° 42' North 081° 25' West to 27° 44' North 081° 25' West to 27° 55' North 081° 25' West to Point of origin. Airspace IS above the western half of BASINGER Military Operations Area (LINE bisecting NE to SW), R2901A/B/C/D/E/F/G/H/I/J /K/L/M/N, Avon east Military Operations Area and north of Avon east Military Operations Area. VFR flights are encouraged to exercise extreme caution. Surface - flight level 400, 03 July 17:30 2019 until 03 July 19:30 2019. Created: 02 July 19:48 2019

KZMA 19/A1055 KZMA 20190731100000 20190731220000 Airmen are advised the following area active for GUNEX, LASEX, IR-BREAKLOCK, SMOKEY SAM launches, chaff and flare firings. WI an area defined as 24° 36' North 077° 24' West to 24° 22' North 077° 18' West to 24° 14' North 077° 18' West to 24° 14' North 077° 32' West to 24° 30' North 077° 38' West to 24° 36' North 077° 38' West to Point of origin. This area lies between 15 nautical miles and 50 nautical miles south of NASSAU, and east of Congo town, fresh creek and CLARENCE BAIN airports. Surface - 10,000 feet, 31 July 10:00 2019 until 31 July 22:00 2019. Created: 02 July 16:20 2019

KZMA 19/A1054 KZMA 20190716000000 20190717203000 Airmen are advised the following area active for GUNEX, LASEX, IR-BREAKLOCK, SMOKEY SAM launches, chaff and flare firings. WI an area defined as 24° 36' North 077° 24' West to 24° 22' North 077° 18' West

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to 24° 14' North 077° 18' West to 24° 14' North 077° 32' West to 24° 30' North 077° 38' West to 24° 36' North 077° 38' West to Point of origin. This area lies between 15 nautical miles and 50 nautical miles south of NASSAU, and east of Congo town, fresh creek and CLARENCE BAIN airports. Surface - 10,000 feet, 16 July 00:00 2019 until 17 July 20:30 2019. Created: 02 July 16:16 2019

KZMA 19/A1053 KZMA 20190711110000 20190724210000 Airmen are advised the following area active for GUNEX, LASEX, IR-BREAKLOCK, SMOKEY SAM launches, chaff and flare firings. WI an area defined as 24° 36' North 077° 24' West to 24° 22' North 077° 18' West to 24° 14' North 077° 18' West to 24° 14' North 077° 32' West to 24° 30' North 077° 38' West to 24° 36' North 077° 38' West to Point of origin. This area lies between 15 nautical miles and 50 nautical miles south of NASSAU, and east of Congo town, fresh creek and CLARENCE BAIN airports. Surface - 10,000 feet, daily 1100-2100, 11 July 11:00 2019 until 24 July 21:00 2019. Created: 02 July 14:16 2019

KZMA 19/A1007 KZMA 20190723234700 20190724024700 Stationary altitude reservation MANATEE active. Miami Center will not approve IFR flights and VFR should exercise extreme caution WI an area defined as 29° 00' North 075° 00' West to 29° 00' North 072° 00' West to 26° 00' North 072° 00' West to 26° 00' North 075° 00' West to Point of origin. Surface - flight level 250, 23 July 23:47 2019 until 24 July 02:47 2019. Created: 24 June 23:31 2019

KZMA 19/A0724 KZMA 20190430183000 PERM MAIMI Center no longer requires A 10MIN call prior to crossing the Miami Flight Information Region boundary except for northbound traffic over the following locations: northbound aircraft FM Santo Domingo Flight Information Region over SEKAR LERED POKEGUSE ASIVO use 126.45. Over MALVN use 123.77 northbound aircraft FM Port-Au-Prince Flight Information Region use 123.77. NBD aircraft FM Cuba Flight Information Region overflying DYNAH at OR above flight level 240 and all aircraft overflying ENAMO and ERRCA use 127.22. Aircraft FM Cuba Flight Information Region over GHANN, OVALU OR BYGON use 123.77. All these aircraft shall call Miami /Miami Center (ZMA)/ Air Route Traffic Control Center (ARTCC) 10MIN prior to crossing the Miami CTA/Flight Information Region boundary due to heavy air traffic congestion. Surface - unlimited, 30 April 18:30 2019 until permanent. Created: 30 April 18:34 2019

KZMA 18/A1690 KZMA 20181120173000 20191119170000 Due to Florida METROPLEX Q and Y route implementation GNSS equipped aircraft departing from south Florida (ZMA) shall file the following routes (AR routes EXEMPT) then rejoin preferred routes to destination to the northeast (OVERLAND) departing MIA/OPF/TMB/HWO/07FA via -STYMY ZERBO Q87 JROSS- departing FLL/FXE/PMP via - SEAZY ONEWY Q87 JROSS - departing PBI/SUA/BCT/F45/variable/FPR via - MATLK Q87 JROSS - departing TPA/SRQ/VNC via - CAMJO PANDY - departing RSW/FMY/PGD via - LAL JINOS ETORE FEMON Q87 JROSS - departing APF/MKY via - ORL DUCEN Q87 JROSS - departing EYW via - CARNU grids Q87 JROSS - departing MTH via - grids Q87 JROSS - to the MIDWEST (OVERLAND) departing MIA/OPF/TMB/HWO/07FA/FLL/FXE/PMP/BCT/SUA/PBI/variable/FPR/F45 via - SMELZ JOKKY - departing TPA/PIE via - LACEN AMORY DAWWN - departing SRQ/VNC via - MOMIE AMORY DAWWN - departing APF/MKY/RSW/FMY via - LAL AMORY JOKKY - departing EYW via - KARTR FEMID Q118 SHEEK SMELZ JOKKY Q110 - departing MTH

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via - FEMID Q118 SHEEK SMELZ JOKKY Q110 - to the west (OVERLAND) departing MIA/OPF/TMB/HWO/07FA/FLL/FXE/PMP/BCT/PBI/SUA/variable/FPR/F45 via - SMELZ PATOY MICES Q116 - departing TPA/PIE via - LACEN PATOY JAWJA - departing SRQ/VNC via - MOMIE PATOY JAWJA - departing APF/MKY/RSW/FMY/PGD via - LAL PATOY MICES Q116 - departing EYW via - KARTR FEMID Q118 SHEEK SMELZ PATOY MICES Q116 - departing MTH via - FEMID Q118 SHEEK SMELZ PATOY MICES Q116 - to the west (OVER GULF) departing MIA/OPF/TMB/HWO/07FA via - DOLIE Y280 LEV - departing FLL/FXE/PMP via - JAYMC Y280 LEV - departing TPA/SRQ/VNC/PIE via - REMIS Y280 LEV - departing RSW/FMY/PGD/APF/MKY via - REMIS Y280 LEV - departing EYW via - TUNSL Q81 THMPR Y290 CIGAR - departing MTH via - KARTR Q81 THMPR Y290 CIGAR -. Flight level 180 - flight level 999 20 November 17:30 2018 until 19 November 17:00 2019. Created: 20 November 17:32 2018

KZMA 18/A1648 KZMA 20181109220000 20191109200000 GNSS equipped aircraft entering Miami Center airspace (ZMA) FM New York oceanic airspace (ZWY) depending on their DEST must file as follows: to MDSD: L451 - LETON L451 IORIO POKEG UT17 KOBET G446 CDO L452 - LNHOM L452 SLUKA POKEG UT17 KOBET G446 CDO L453 - lamer L453 RODRK POKEG UT17 KOBET G446 CDO L454 - LUCTI L454 MNDEZ POKEG UT17 KOBET G446 CDO B891 - WATRS B891 POKEG UT17 KOBET G446 CDO to MDPC: L451 - LETON L451 IORIO POKEG UT17 KOBET G446 PETRI W28 PNA L452 - LNHOM L452 SLUKA POKEG UT17 KOBET G446 PETRI W28 PNA L453 - lamer L453 RODRK POKEG UT17 KOBET G446 PETRI W28 PNA L454 - LUCTI L454 MNDEZ POKEG UT17 KOBET G446 PETRI W28 PNA B891 - WATRS B891 POKEG UT17 KOBET G446 PETRI W28 PNA to MDCY: L451 - LETON L451 IORIO POKEG UT17 KOBET W37 DCY L452 - LNHOM L452 SLUKA POKEG UT17 KOBET W37 DCY L453 - lamer L453 RODRK POKEG UT17 KOBET W37 DCY L454 - LUCTI L454 MNDEZ POKEG UT17 KOBET W37 DCY B891 - WATRS B891 POKEG UT17 KOBET W37 DCY to MDST: L451 - LETON L451 IORIO SEKAR A554 PTA T13 SGO L452 - LNHOM L452 SLUKA SEKAR A554 PTA T13 SGO L453 - lamer L453 RODRK SEKAR A554 PTA T13 SGO L454 - LUCTI L454 MNDEZ SEKAR A554 PTA T13 SGO B891 - WATRS B891 POKEG B891 PTA T13 SGO to MDPP: L451 - LETON L451 IORIO SEKAR A554 PTA L452 - LNHOM L452 SLUKA SEKAR A554 PTA L453 - lamer L453 RODRK SEKAR A554 PTA L454 - LUCTI L454 MNDEZ SEKAR A554 PTA B891 - WATRS B891 POKEG B891 PTA to TNCN/TQPF: L451 - LETON L451 IORIO FIPEK Y355 SLUGO L452 - LNHOM L452 SLUKA FIPEK Y355 SLUGO L453 - lamer L453 RODRK FIPEK Y355 SLUGO L454 - LUCTI L454 MNDEZ FIPEK Y355 SLUGO to TISX/TUPJ: L451 - LETON L451 IORIO FIPEK Y355 KOLAO L452 - LNHOM L452 SLUKA FIPEK Y355 KOLAO L453 - lamer L453 RODRK FIPEK Y355 KOLAO L454 - LUCTI L454 MNDEZ FIPEK Y355 KOLAO to TJSJ/TJIG: L451 - LETON L451 IORIO FIPEK Y355 PLING RTE7 SAALR L452 - LNHOM L452 SLUKA FIPEK Y355 PLING RTE7 SAALR L453 - lamer L453 RODRK FIPEK Y355 PLING RTE7 SAALR L454 - LUCTI L454 MNDEZ FIPEK Y355 PLING RTE7 SAALR to TIST: L451 - LETON L451 IORIO FIPEK Y355 KOLAO JETSS L452 - LNHOM L452 SLUKA FIPEK Y355 KOLAO JETSS L453 - lamer L453 RODRK FIPEK Y355 KOLAO JETSS L454 - LUCTI L454 MNDEZ FIPEK Y355 KOLAO JETSS. 09 November 22:00 2018 until 09 November 20:00 2019. Created: 09 November 22:29 2018

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KZMA 18/A1636 KZMA 20181108000000 PERM Route Y587 IS closed between SKIPS and HARDE. Surface - flight level 600, 08 November 00:00 2018 until permanent. Created: 07 November 14:43 2018

KZMA 18/A0207 KZMA 20180129212600 PERM Obstacle tower light the 25th at 0417Z.8N 0813545.3W (EYW020031.1) unserviceable. Surface - 144 feet above mean sea level, 29 January 21:26 2018 until 31 December 23:59 2018 estimated. Created: 29 January 22:21 2018

KZMA 16/A1270 KZMA 20161110175500 PERM Route G431 IS not AUTH southbound between waypoints IORIO and ELMUC. Operators wishing to use G431 SOUTHBOUNND must file IORIO G504 COUKY Y585 ELMUC. Flight level 055 - flight level 600, 10 November 17:55 2016 until permanent. Created: 10 November 17:57 2016

KZMA 16/A1262 KZMA 20161110050100 PERM Route L451 IS not authorized southbound between waypoints IORIO and ELMUC. Operators wishing to use L451 SOUTHBOUNND must file L451 IORIO L450 COUKY Y585 ELMUC. Flight level 055 - flight level 600, 10 November 05:01 2016 until permanent. Created: 08 November 16:30 2016

KZMA 15/A1319 KZMA 20151211145400 PERM Single-engine aircraft operating under part 135 filing into FLL area airports (FLL/FXE/HWO/OPF/PMP) via the DEKAL intersection (DEKAL two, WAVUN one, BR22V, BR55V) should expect to cross DEKAL at 11,000 feet when carrying passengers (135.183). When part 135.183 rules apply, pilots should include the following note IN the remarks section (BLOCK 11) of their flight plan: require 110 at DEKAL for 135.183. All other non-turbojet aircraft and single-engine part 135 aircraft not carrying passengers should expect to cross DEKAL at 4,000 feet. 11 December 14:54 2015 until permanent. Created: 11 December 14:59 2015

KZMA 15/A1318 KZMA 20151211145700 PERM Subject: operation of grand Bahama air TRAFFICE services. Airmen and airline operators are advised than effective immediately, all VOR routes within the grand Bahama TMA and at the grand Bahama international airport [MYGF] Global Positioning System waypoints overlays shall be utilized. See commonwealth of the Bahamas Aeronautical Information Circular 07/01, governing the use of the GNSS/area navigation (RNAV) procedures IN the Bahamas domestic airspace and Aeronautical Information Circular 12/02, NOVEMBER 14,2001, for original area navigation (RNAV) approach procedures for runway 06/24, at the grand Bahama international airport, FREEPORT, Bahamas. Also see Aeronautical Information Publication en-route 3 for Air Traffic Service route description, en-route 3.3, page 3-3-1 for area navigation [RNAV] routes, engine 6-1-5 enroute waypoint chart and en-route 6-1-3 air traffic service system for waypoint/airway overlay. Aircraft not equipped with GNSS/area navigation (RNAV) equipment shall be required to operate between the hours of sunrise and sunset IN visual Meteorological conditions (VMC) unless specific approval IS granted by the appropriate Air Traffic Service authority. Specific waivers shall be granted for hospital emergency/ medical evacuation flights. Air traffic SERIVCES will be provided twenty Four (24) hours daily. 11 December 14:57 2015 until permanent. Created: 11 December 14:58 2015

KZMA 15/A1317 KZMA 20151211145500 PERM United States domestic departures from

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northeast airports landing central/south Florida airports, that transition through west Atlantic route system airspace (WATRS), shall not file the following airways southwest bound into Miami Center (ZMA) OR Jacksonville Center (ZJX) airspace: M202, M203, M204 without prior coordination through the FAA system command Center. European and Canadian departures are exempt from this restriction. Surface - flight level 600. 11 December 14:55 2015 until permanent. Created: 11 December 14:58 2015

KZMA 15/A1313 KZMA 20151211134100 PERM APF/MKY departure aircraft filing flight plans for destinations west of ATL that are equipped with advanced navigation capabilities requesting at OR above flight level 360 are strongly encouraged to file direct MOOKY direct HILTI then direct points north. Flight level 360 - unlimited, 11 December 13:41 2015 until permanent. Created: 11 December 13:47 2015

KZMA 15/A0342 KZMA 20150320132800 PERM Due to NAVAID limitation route BR2L from wreck intermittent to DUKKY intermittent navigation equipment other than LF OR VHF required. Flight level 030 - flight level 600, 20 March 13:28 2015 until permanent. Created: 20 March 13:33 2015

KZMA 15/A0341 KZMA 20150320133000 PERM Due to NAVAID limitation route A555 from GUANA intermittent to GEROT intermittent navigation equipment other than LF OR VHF required. Flight level 030 - flight level 600, 20 March 13:30 2015 until permanent. Created: 20 March 13:26 2015

KZMA 14/A0863 KZMA 20141028185500 PERM Operators departing from ORLANDO terminal airports with routes through Miami Center should file A flight plan only with Jacksonville Center. FPL message should not be addressed to Miami Center (KZMA). 28 October 18:55 2014 until permanent. Created: 28 October 18:56 2014

KICZ 19/A0013 KICZ 20190501002500 PERM Security..United states of America flight prohibition for Venezuela all flight operations IN the territory and airspace of Venezuela at altitudes below FL 260 by the persons described IN paragraph A below are prohibited until further advised due to increasing political instability and TENSIONS IN Venezuela and the associated inadvertent risk to flight operations. 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. Permitted operations. This NOTAM does not prohibit persons described IN paragraph A (APPLICABILITY) from conducting flight operations IN the above-named area when such operations are authorized either by another agency of the united states government with the approval of the FAA OR by A deviation, exemption, OR other authorization issued by the FAA administrator. Operators must call the FAA Washington operations Center at 202-267-3333 to initiate coordination for FAA authorization to conduct operations. C. ALLOWANCES. Persons described IN paragraph A above who are IN the territory and airspace of Venezuela at the time this NOTAM IS issued May depart the territory and airspace of Venezuela by the most expeditious possible route within 48 hours from the time this NOTAM IS issued, if the pilot IN command determines that the

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operation Canada be conducted safely. D. Emergency situations. IN an emergency that requires immediate decision and action for the safety of the flight, the pilot IN command of an aircraft May deviate from this NOTAM to the extent required by that emergency. This NOTAM IS an emergency order issued under 49 USC 40113(A) and 46105(C). Surface - flight level 259 01 May 00:25 2019 until permanent. Created: 01 May 00:28 2019

KICZ 19/A0003 KICZ 20190226123100 PERM Security..United states of America advisory for Mali. Those persons described IN paragraph A below should exercise caution when flying into, out of, within OR over the territory and airspace of Mali at altitudes below flight level 260 due to ongoing fighting and extremist/militant activity. A. Applicability. This NOTAM applies to: all United States air carriers and commercial OPERATORS; all persons exercising the privileges of an airman certificate issued by the FAA, except such persons operating U.S.-Registered aircraft for A foreign air CARRIER; and all operators of aircraft registered IN the united states, except where the operator of such aircraft IS A foreign air carrier. B. Planning. Those persons described IN paragraph A planning to fly into, out of, within, OR over the above-named area at altitudes below flight level 260 must review current security/threat information and NOTAMS; comply with all applicable FAA regulations, 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-CITWATCH@FAA.Governor with specific flight details to the maximum extent possible. C. Operations. Exercise caution during flight operations due to ongoing fighting and the possibility of attacks on civil aviation by extremists/militants. Aircraft May encounter fire from small ARMS; indirect fire weapons, such as mortars and ROCKETS; and Anit-aircraft-capable weapons, including MAN-portable air defense systems (MANPADS). Such weapons could target aircraft at low altitudes, including during the arrival and departure phases of flight, and/OR target airports and aircraft on the ground. Those persons described IN paragraph A must report safety and/OR security incidents to the FAA at +1 202-267-3333 OR +1 202-267-3203. The justification for this advisory will be RE-evaluated by 26 February 2020. Additional information IS provided at: https://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/. Surface - flight level 259 26 February 12:31 2019 until 26 February 23:59 2020 estimated. Created: 26 February 12:40 2019

KICZ 19/A0002 KICZ 20190226122700 PERM Security..United states of America advisory for Kenya. Those persons described IN paragraph A below are advised to exercise caution when flying into, out of, within, OR over the territory and airspace of Kenya east of 40 degrees east longitude at altitudes below flight level 260 due to the possibility of extremist/militant activity. A. Applicability. This NOTAM applies to: all United States air carriers and commercial OPERATORS; all persons exercising the privileges of an airman certificate issued by the FAA, except such persons operating U.S.-Registered aircraft for A foreign air CARRIER; and all operators of aircraft registered IN the united states, except where the operator of such aircraft IS A foreign air carrier. B. Planning. Those persons described IN paragraph A planning to fly into, out of, within, OR over the above-named area must review current security/threat information and NOTAMS; 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 various Anit-aircraft weapons,

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including MANPADS, small-arms, and indirect fire weapons, such as mortars and rockets, which could target aircraft at low altitudes, including during the arrival and departure phases of flight and/OR target airports and aircraft on the ground. Those persons described IN paragraph A must report safety and/OR security incidents to the FAA at +1 202-267-3333 OR +1 202-267-3203. The justification for this advisory will be RE-evaluated by 26 February 2020. Additional information IS provided at:
http://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/. Surface - FL259), 26 February 12:27 2019 until 26 February 23:59 2020 estimated. Created: 26 February 12:36 2019

KICZ 18/A0014 KICZ 20180808114500 20190808235900 Security..United states of America advisory for the Republic of south Sudan those persons described IN paragraph A should exercise caution flying into, out of, within OR over the territory and airspace of south Sudan at altitudes below flight level 260 due to the potentially hazardous situation Created by political instability and fragile security IN south Sudan. A. Applicability. This NOTAM applies to: all United States air carriers and commercial OPERATORS; all persons exercising the privileges of an airman certificate issued by the FAA, except such persons operating U.S.-Registered aircraft for A foreign air CARRIER; and all operators of aircraft registered IN the united states, except where the operator of such aircraft IS A foreign air carrier. B. Planning. Persons described IN paragraph A (APPLICABILITY) who intend to fly into, out of, within, OR over the above-named area must review current security/threat information and NOTAMS; ensure their operations specification, management specification, OR letter of authorization B450 IS CURRENT; and, to the maximum extent possible, provide advance notice of flights, with specific details, to ash-AXE-CITE-WATCH@FAA.Governor at least 72 hours prior to takeoff. C. Operations. Exercise caution during flight operations due to the potential risk from small-arms fire, rocket-propelled grenades, heavy machine GUNS, and shoulder-fired MAN-portable air defense systems (MANPADS). Airspace deconfliction remains A potential concern due to numerous threats to SHOOT down aircraft by multiple parties IN south Sudan. The risk to United States civil aviation IS primarily while on the ground and at low altitudes during approach and departure phases of flight. Those persons described IN paragraph A (APPLICABILITY) must report safety and/OR security incidents to the FAA at +1 202-267-3333 OR +1 202-267-3203. The justification for this advisory will be RE-evaluated by 8 August 2019. Additional information IS provided at:
https://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS. Surface - flight level 259 08 August 11:45 2018 until 08 August 23:59 2019. Created: 08 August 11:35 2018

KICZ 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:
https://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/. Surface - flight level 259, 13 December 14:10 2017 until 07 January 23:59 2020. Created: 13 December 14:14 2017

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MMMX 19/A3638 MMSM 20190701130000 20190705235900 Active military area MMR-112. Ground - 11000 feet above mean sea level, 1300/2359 daily, 01 July 13:00 2019 until 05 July 23:59 2019. Created: 29 June 23:52 2019

MHTG 19/C0183 MNOM 20190601120000 20190731230000 AERODROMO OPERANDO pero, EJERCER PRECAUCION debido A HOMBRES TRABAJANDO en BORDES DE pista 09/27. 1200-2300, 01 June 12:00 2019 until 31 July 23:00 2019. Created: 31 May 23:49 2019

MHTG 19/C0285 MRXX 20190703140000 20190714190000 PRECAUCION por SOBREVUELO con RPAS en HEREDIA, San ISIDRO, con Centro en las coordenadas 100207N 0840325W con unable radio DE 1 MILLA NAUTICA. Ground - 500 feet above ground level, 1400-1900, 03 July 14:00 2019 until 14 July 19:00 2019. Created: 02 July 21:16 2019

MHTG 19/C0199 MRXX 20190720120000 20190730233000 Area restringida TEMPORALMENTE en LA zona DE PUNTARENAS solo paragraph USO DE HELICOPTEROS UH60 DE LA MISION continuing PROMISE POLIGONO FORMADO por las coordenadas en unable radio DE 1.5 nautical miles AL O del FARO coordenadas 095833N 0845239W en unable radio DE 1.5 nautical miles AL so del FARO coordenadas 095804N 0845229W en unable radio DE 0.27 nautical miles AL N IGLESIA DE CARRIZALCOORDENADAS 095905N 0844548W en unable radio DE 0.22 nautical miles AL S IGLESIA DE CARRIZAL coordenadas 095835N 0844549W en unable radio DE 1.5 nautical miles AL O del FARO coordenadas 095833N 0845239W. Surface - 500 feet above mean sea level, 1200-2330, 20 July 12:00 2019 until 30 July 23:30 2019. Created: 10 June 23:38 2019

MUHA 19/A2320 MUXX 20190703120000 20190704040000 Airspace reservation will take place WI follow coordinate(s): 22° 44' North 082° 35' West 22° 43' North 082° 35' West 22° 43' North 082° 34' West 22° 44' North 082° 34' West to origin Point (GUANIMAR/ARTEMISA). Surface - flight level 020, 1200/1600 1800/2200 04 0000/0400, 03 July 12:00 2019 until 04 July 04:00 2019. Created: 02 July 21:59 2019

MUHA 19/A2316 MUXX 20190703110000 20190703233000 Exercise will take place WI follow coordinate(s): 23° 08' North 081° 18' West 23° 13' North 081° 08' West 23° 11' North 081° 06' West 23° 07' North 081° 17' West to origin Point (peninsula DE hicacos/Matanzas) due PARAMOTORS and ultralight flight. Surface - flight level 010, 03 July 11:00 2019 until 03 July 23:30 2019. Created: 02 July 21:55 2019

MUHA 19/A2314 MUXX 20190703140000 20190703220000 Exercise will take place WI 3 nautical miles centered coordinate(s): 20° 54' North 076° 14' West (Loma los INTERNACIONALISTAS/Holguin) due paragliding flight. Surface - flight level 012, 03 July 14:00 2019 until 03 July 22:00 2019. Created: 02 July 21:50 2019

MUHA 19/A2313 MUXX 20190703140000 20190703220000 Exercise will take place WI 3 nautical miles centered coordinate(s): 20° 54' North 076° 03' West (CERRO GALANO/Holguin) due paragliding flight. Surface - flight level 020, 03 July 14:00 2019 until 03 July 22:00 2019. Created: 02 July 21:49 2019

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MUHA 19/A2312 MUXX 20190703110000 20190703230000 Exercise will take place WI follow coordinate(s): 20° 06' North 075° 45' West 20° 05' North 075° 46' West 20° 04' North 075° 55' West 20° 06' North 075° 55' West to origin Point (altura DE BONIATO/Santiago DE Cuba) due paragliding flight. Surface - flight level 020, 03 July 11:00 2019 until 03 July 23:00 2019. Created: 02 July 21:48 2019

MUHA 19/A2311 MUXX 20190703120000 20190703220000 UA will take place radio 2 nautical miles centered coordinate(s): 19° 57' North 075° 52' West (San Pedro DE LA ROCA/Santiago DE Cuba). Surface - flight level 007, 03 July 12:00 2019 until 03 July 22:00 2019. Created: 02 July 21:45 2019

MUHA 19/A2310 MUXX 20190703120000 20190703220000 UA will take place WI follow coordinate(s): 20° 02' North 075° 50' West 20° 00' North 075° 50' West 19° 59' North 075° 51' West 19° 57' North 075° 51' West 19° 58' North 075° 53' West to origin Point (Bahia DE Santiago DE Cuba/Santiago DE Cuba). Surface - flight level 007, 03 July 12:00 2019 until 03 July 22:00 2019. Created: 02 July 21:43 2019

MUHA 19/A2309 MUXX 20190703120000 20190703220000 UA will take place radio 2 nautical miles centered coordinate(s): 20° 01' North 075° 50' West (ciudad DE Santiago/Santiago DE Cuba). Surface - flight level 007, 03 July 12:00 2019 until 03 July 22:00 2019. Created: 02 July 21:41 2019

MUHA 19/A2308 MUXX 20190703130000 20190703190000 Airspace reservation will take place radio 3 nautical miles centered coordinate(s): 20° 55' North 076° 20' West (PRESA MAGUEYAL/Holguin) due parachute jumping exercise. Surface - flight level 100, 03 July 13:00 2019 until 03 July 19:00 2019. Created: 02 July 21:30 2019

MUHA 19/A2307 MUXX 20190703120000 20190703210000 Parachute jumping exercise will take place radio 2 nautical miles centered coordinate(s): 23° 02' North 082° 35' West (PLAYA BARACOA/ARTEMISA) due parachute jumping exercise. Surface - flight level 100, 03 July 12:00 2019 until 03 July 21:00 2019. Created: 02 July 21:29 2019

MYNN 10/A0277 MYXX 20101022193000 PERM Reference MYCP (PITTS town AD) new width runway 10/28 at PITTS town 40 feet length 3,500 feet. 22 October 19:30 2010 until permanent. Created: 21 October 19:39 2010

MHTG 19/B0025 MZLH 20190529153300 20190829152800 Northern two CAYES aerodrome closed due to rehabilitation works. 29 May 15:33 2019 until 29 August 15:28 2019. Created: 29 May 15:36 2019

Uncategorized

All published NOTAMs are available in the [Notices to Airmen Publication \(NTAP\)](#).
!SUAE 07/162 KZMA Airspace W168 active surface to flight level 500 Jul 3, 2019 1730Z to Jul 3, 2019 2000Z

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Flow Control:

Departure:

None

Route:

None

Destination:

None

Other:

Advisory ID: 050

Reporting ARTCC: DCC

Advisory Effective Start Time: Wed Jul 03 14:24:00 UTC 2019

Advisory Effective End Time: Wed Jul 03 20:00:00 UTC 2019

Advisory Text: ATCSCC ADVZY 050 DCC 07/03/19 ROUTE RQD /FL

NAME: JOT_1_PARTIAL

CONSTRAINED AREA: EAST COAST

REASON: WEATHER

INCLUDE TRAFFIC: KLAS/KSAN/ZAB/ZDV/ZLA/ZLC/ZOA/ZSE DEPARTURES TO
KBWI/KDCA/KIAD/KPHL

FACILITIES INCLUDED: ZAB/ZAU/ZDC/ZDV/ZID/ZLA/ZLC/ZMP/ZNY/ZOA/ZOB/ZSE

FLIGHT STATUS: ALL_FLIGHTS

VALID: ETD 031500 TO 032000

PROBABILITY OF EXTENSION: MODERATE

REMARKS:

ASSOCIATED RESTRICTIONS:

MODIFICATIONS:

ROUTES:

FROM:

ORIG

ROUTE - ORIGIN SEGMENTS

KLAS

>LAS DVC J146 HBU TXC HCT J60
JOT

KSAN

>IPL J18 PXR J44 RSK TXC HCT
J60 JOT

ZAB

>TXC HCT J60 JOT

ZDV

>LNK J60 JOT

ZLA (-LAS -SAN)

>RSK TXC HCT J60 JOT

ZLC

>OCS AKO HCT J60 JOT

ZOA

>INSLO Q126 BRAFF AKO HCT J60
JOT

ZSE

>OCS AKO HCT J60 JOT

TO:

DEST

ROUTE - DESTINATION SEGMENTS

KBWI

JOT J30 APE KEMAN< ANTHM3

KDCA

JOT J30 BUCKO< FRDMM5

KIAD

JOT J30 APE AIR J162 MGW<

GIBBZ3

KPHL

JOT J30 TRAKK J152 JST< BOJID2

TMI ID: RRDC050

031424-032000

19/07/03 14:24 DCCOPS.lxstn29

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Advisory ID: 056
Affected Location: DCC
Reporting ARTCC: ZDC
Advisory Effective Start Time: Wed Jul 03 14:48:00 UTC 2019
Advisory Effective End Time: Thu Jul 04 03:30:00 UTC 2019
Advisory Text: ATCSCC ADVZY 056 DCC/ZDC 07/03/2019 ZDC METRO SWAP IMPLEMENTATION
PLAN FYI
CONSTRAINED FACILITIES: ZDC
THIS ADVISORY IS FOR PLANNING PURPOSES ONLY. CUSTOMERS ARE
ENCOURAGED TO FILE NORMAL ROUTINGS AND ANTICIPATE THE SPECIFIED
ALTERNATE ROUTES.

SWAP STATEMENT:

SEVERE WEATHER AVOIDANCE PLANS ARE EXPECTED FOR THE ZDC AIRSPACE.

SCATTERED TO NUMEROUS THUNDERSTORMS EXPECTED TO DEVELOP ACROSS
EASTERN NC BETWEEN 16Z-17Z. TRACK E 5-10 KTS...TOPS FL400. IMPACTS
TO THE AR'S...J121 AND J174.

ADDITIONAL SCATTERED THUNDERSTORMS WILL DEVELOP OVER WESTERN ZDC AND
NORTHERN NJ BETWEEN 17Z-19Z. TRACK E 10 KTS WITH A FEW TOPS FL400.
POSSIBLE IMPACTS TO THE DC METRO'S BETWEEN 20Z-00Z. SCATTERED
THUNDERSTORMS WILL DIMINISH BETWEEN 01Z-03Z.

PLANNED ALTERNATE DEPARTURE ROUTES:

CDRS FOR BUFFR, JERES, OTTTO, RAMAY, MOL, GVE AND COLIN MAY BE
UTILIZED AS ROUTES ARE IMPACTED. SWANN AND PALEO ROUTES MAY ALSO BE
AFFECTED LATE IN THE DAY AS THE WEATHER MOVES EAST ACROSS ZDC AND
THE DC METRO AREA. DC INTERNATIONAL DEPARTURES MAY BE SWAPPED VIA
J220, J211, AND J518 AFTER 1900Z. NY/PHL METRO DEPARTURES FILED J6,
J75, J48, J121 AND AR ROUTES MAY BE SWAPPED AFTER 2100Z.

PLANNED ALTERNATE ARRIVAL ROUTES:

FLIGHTS INTO THE DC/NY METRO AREA MAY BE SWAPPED BETWEEN ZOB,ZJX,ZTL
AND ZID AS ROUTES ARE IMPACTED. DC/NY METRO ARRIVALS CAN EXPECT
GROUND STOPS AND HOLDING AFTER 2100Z

FUEL ADVISORY:

AIRCRAFT CAPPING AT OR BELOW 100 IS POSSIBLE FOR DESTINATIONS OUT TO
100 MILES FROM THE OTTTO, RAMAY, MOL AND GVE DEPARTURE POINTS AND
MAY INCLUDE CAPPING PLAYBOOKS IN THIS AREA.

PLAYBOOKS:

LIMBO W, S, SW
PCT EURO TUNNEL
DQO W, SW

HOTLINE ACTIVATION: EXPECTED AFTER 1900Z. (540) 359-3200 PIN: 2779
031448-040330
19/07/03 14:48 DCCOPS.lxstn29

Advisory ID: 003
Affected Location: DCC
Reporting ARTCC: ZDC

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Advisory Effective Start Time: Fri Jun 07 00:41:00 UTC 2019
Advisory Effective End Time: Sat Jul 06 00:40:00 UTC 2019
Advisory Text: ATCSCC ADVZY 003 DCC/ZDC 06/07/2019 DC HOTLINE DEACTIVATED
EVENT TIME: 06/0040 -
CONSTRAINED FACILITIES: ZDC
THE DC HOT LINE IS NOW DEACTIVATED.
070041-060040
19/06/07 00:41 DCCOPS.lxstn25

Advisory ID: 041
Reporting ARTCC: DCC
Advisory Effective Start Time: Wed Jul 03 12:58:00 UTC 2019
Advisory Effective End Time: Thu Jul 04 02:00:00 UTC 2019
Advisory Text: ATCSCC ADVZY 041 DCC 07/03/19 ROUTE RMD
NAME: AZEZU_PARTIAL
CONSTRAINED AREA: EAST COAST
REASON: WEATHER
INCLUDE TRAFFIC: KACY/KBCT/KCDW/KEWR/KFLL/KFRG/KFXE/KHPN/KISP/KJFK/K
LGA/KMCO/KMIA/KMMU/KPBI/KPHL/KRSW/KSUA/KTEB/KTMB/KT
PA/ZBW DEPARTURES TO
KACY/KBCT/KBOS/KCDW/KEWR/KFLL/KFRG/KFXE/KHPN/KISP/K
JFK/KLGA/KMCO/KMIA/KMMU/KPBI/KPHL/KRSW/KSUA/KTEB/KT
MB/KTPA
FACILITIES INCLUDED: ZBW/ZDC/ZJX/ZMA/ZNY/ZWY
FLIGHT STATUS: ALL FLIGHTS
VALID: ETD 031400 TO 040200
PROBABILITY OF EXTENSION: LOW
REMARKS: M201 IS RESTRICTED TO FL310 AND ABOVE.
ASSOCIATED RESTRICTIONS:
MODIFICATIONS:
ROUTES:

FROM:	ROUTE - ORIGIN SEGMENTS
ORIG	-----
KACY	SIE B24 AZEZU HOB OH P AEPR M201 HANRI
KEWR	DIXIE PREPI UNYAD OWENZ POPPN OHRYN BEHHR WEBBB HOB OH P AEPR M201 HANRI
KFLL KFXE	ZAPPA PERMT AR16 EMCEE M201 P AEPR
KISP	CCC SHERL JETZZ BLUUU DUMPR ICCEY OHRYN BEHHR WEBBB HOB OH P P AEPR M201 HANRI
KJFK KFRG	SHIPP JETZZ BLUUU DUMPR ICCEY OHRYN BEHHR WEBBB HOB OH P AEPR M201 HANRI
KLGA KHPN	JFK SHIPP JETZZ BLUUU DUMPR ICCEY OHRYN BEHHR WEBBB HOB OH P P AEPR M201 HANRI
KMCO KTPA KMIA KTMB	MLB LENDS AR16 EMCEE M201 P AEPR VALLY PERMT AR16 EMCEE M201 P AEPR
KPBI KBCT KSUA	PBI A699 PERMT AR16 EMCEE M201 P AEPR
KPHL	OOD HAYDO SIE B24 AZEZU HOB OH P P AEPR M201 HANRI
KRSW	LLNCH HOBEE M202 LENDS AR16 EMCEE M201 P AEPR
KTEB KMMU KCDW	DIXIE PREPI UNYAD OWENZ POPPN

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ZBW OHRYN BEHHR WEBBB HOB OH PAEPR
M201 HANRI
ACK J97 LACKS AZEZU HOB OH PAEPR
M201 HANRI

TO:
DEST

KACY
KBCT
KBOS
FERNZ OOSHNS
KCDW KMMU
KEWR
KFLI
KFRG
KFXE
KHPN
KISP
KLG A
KJFK
KMCO
KMIA
KPBI
KPHL
KRSW
KSUA
KTEB
KTMB
KTPA

ROUTE - DESTINATION SEGMENTS

PAEPR HOB OH AZEZU LYNUS B24 SIE
HANRI M201 JENKS AR19 AYBID
CAYSL4
PAEPR HOB OH AZEZU LACKS J97 ACK
PAEPR HOB OH SILLY STINK YAALE
YETTI MOUGH DONAA OWENZ CYN GXU
RBV V249 METRO
PAEPR HOB OH SILLY STINK YAALE
YETTI MOUGH DONAA OWENZ CYN GXU
RBV V249 METRO
HANRI M201 BAHAA AR21 CRANS
FISEL7
PAEPR HOB OH SILLY STINK YAALE
YETTI MOUGH DONAA OWENZ CAMRN
HANRI M201 BAHAA AR21 CRANS
FISEL7
PAEPR HOB OH SILLY STINK YAALE
YETTI MOUGH OWENZ FATON HOFFI
KEYED RICED4
PAEPR HOB OH SILLY STINK YAALE
YETTI MOUGH OWENZ FATON CCC
HANRI M201 PAEPR HOB OH AZEZU
BERGH OWENZ FATON HOFFI KEYED
BDR V475 LGA
HANRI M201 PAEPR HOB OH AZEZU
BERGH OWENZ FATON HOFFI KEYED
BDR V475 LGA
HANRI M201 BAHAA AR15 HIBAC
CWRLD4
HANRI M201 JENKS AR22 JORAY
HILEY7
HANRI M201 JENKS AR19 AYBID
FRWAY5
PAEPR HOB OH AZEZU LYNUS B24
DASHA JIIMS3
HANRI M201 BAHAA AR15 HIBAC
SHFTY5
HANRI M201 BAHAA AR15 HIBAC
PAEPR HOB OH SILLY STINK YAALE
YETTI MOUGH DONAA OWENZ CYN GXU
RBV V249 METRO
HANRI M201 JENKS AR22 JORAY
HILEY7
HANRI M201 BAHAA AR15 ORL
DADES6

031258-040200
19/07/03 12:58 DCCOPS.lxstn20

Advisory ID: 037

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Reporting ARTCC: DCC

Advisory Effective Start Time: Wed Jul 03 11:47:00 UTC 2019

Advisory Effective End Time: Thu Jul 04 03:00:00 UTC 2019

Advisory Text: ATCSCC ADVZY 037 DCC 07/03/2019 TCA/HOTLINE ISSUE REQUEST PAGE
ACTIVATION

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.

031147-040300

19/07/03 11:47 DCCOPS.lxstn24

Advisory ID: 060

Affected Location: DCC

Reporting ARTCC: ZNY

Advisory Effective Start Time: Wed Jul 03 14:58:00 UTC 2019

Advisory Effective End Time: Thu Jul 04 04:30:00 UTC 2019

Advisory Text: ATCSCC ADVZY 060 DCC/ZNY 07/03/2019 NY_SWAP_IMPLEMENTATION_PLAN_FYI
EVENT TIME: 03/1500 - 04/0400

CONSTRAINED FACILITIES: ZNY

THIS ADVISORY IS FOR PLANNING PURPOSES ONLY. CUSTOMERS ARE
ENCOURAGED TO COMPLY WITH ALL ATCSCC ROUTE ADVISORIES. IF NO ATCSCC
ROUTE ADVISORIES ARE IN EFFECT, CUSTOMERS ARE ENCOURAGED TO FILE
PUBLISHED CDR'S AND NRP PROCEDURES AROUND KNOWN OR FORECASTED
WEATHER.

THE FOLLOWING DESTINATIONS ATL, CLT , MDW, AND ORD
SHOULD FILE NORMAL ROUTES. ZNY/ATCSCC WILL PROVIDE ALTERNATE ROUTES
TO THESE DESTINATIONS AS NEEDED.

SWAP STATEMENT:

SEVERE WEATHER AVOIDANCE PLANS ARE IN EFFECT FOR THE ZNY AREA TODAY.

EXPECTED IMPACT AREA(S): A LN OF SCT TS DVLPG FM E ZOB INTO W ZNY
AND MOVG SE ISOL-SCT TS ALSO DVLPG NEAR THE DC METROS, NW ZDC AND
COASTAL NC. IMPACTS TO Q436/J95 THRU J75 AND J79/121...THEN
RBV/WHITE PSBL LATER THIS EVE. IMPACTS ALSO PSBL TO PHL AND EWR

AZEZU-PAEPR-HANRI (L453-M201): IMPACTS ARE: NOT EXPECTED

DITCH: IMPACTS ARE: POSSIBLE THIS EVE

INTERNATIONAL DEPARTURES (EAST GATES) IMPACTS : NOT EXPECTED

PLANNED ALTERNATE DEPARTURE ROUTES: SRMN S, GREKI, PLYER, DUCT
POSSIBLE RERTES/CDR.S WILL BE PROVIDED AS NECESSARY.

FUEL ADVISORY:

PLAN FUEL FOR FINAL ALTITUDE AOB FL230 FOR DESTINATIONS
WITHIN 750 NM

ZNY HOTLINE PSBLE AFT 17Z : 540-359-3200 PIN 2778#

TOMORROW MORNING SWAP OUTLOOK: NOT EXPECTED

031458-040430

19/07/03 14:58 DCCOPS.lxstn29

Advisory ID: 064

Third Party Protected Information
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Affected Location: DCC
Reporting ARTCC: ZAU
Advisory Effective Start Time: Wed Jul 03 15:31:00 UTC 2019
Advisory Effective End Time: Wed Jul 03 23:30:00 UTC 2019
Advisory Text: ATCSCC ADVZY 064 DCC/ZAU 07/03/2019 ZAU_SWAP_STATEMENT_FYI
EVENT TIME: 03/1520 - 03/2300
CONSTRAINED FACILITIES: ZAU

ZAU SWAP STATEMENT:
SEVERE WEATHER AVOIDANCE PLANS ARE POSSIBLE FOR THE SOUTHERN
PORTION OF ZAU AIRSPACE THIS AFTERNOON ACROSS SOUTHEASTERN ILLINOIS
AND INDIANA AFTER 1900Z.

EXPECTED IMPACT AREA:
THUNDERSTORMS ARE EXPECTED TO IMPACT CHICAGO METRO SOUTHBOUND
DEPARTURES UTILIZING THE C-D-E TRACKS. ADDITIONAL IMPACTS OF A-B
TRACKS ARE POSSIBLE AFTER 2100Z AS WELL AS EASTBOUND OVER MOBLE AND
LEWKE AFTER 2100Z.

PLANNED ALTERNATE DEPARTURE ROUTES:
DEPARTURES LANDING INTERNAL ZAU AIRPORTS SOUTH OF ORD/MDW MAY FILE
NORMAL ROUTES BUT ARE ENCOURAGED TO FUEL FOR POSSIBLE TACTICAL
REROUTES.

SOUTHBOUND DEPARTURE ROUTES VIA C-D-E TRACKS ARE ANTICIPATED TO BE
IMPACTED CAUSING CODED DEPARTURE ROUTES (CDR'S) AND/OR SWAPS.
DEPARTURES TO ZID, ZTL/FLORIDA AND TOBACCO ROAD ARE ENCOURAGED TO
UTILIZE CDR EASTBOUND VIA THE 2E CDR OR UTILIZE CDR'S VIA BACEN IN
THE B TRACK. POSSIBLE DELAYS AND MIT MAY BE ASSOCIATED WITH THIS
INITIATIVE AND MAY CAUSE LONGER THAN NORMAL DEPARTURE WAIT TIMES.
RE-EVALUATION OF SWAP WILL BE NEEDED FOR AFTER 2300Z.

FUEL ADVISORY:
PLEASE FUEL ACCORDINGLY FOR POSSIBLE CDR'S, PLAYBOOKS, TACTICAL
REROUTES AND OTHER TMI'S DUE TO AIRSPACE BEING AFFECTED BY
CONVECTIVE WEATHER.

PLEASE CONTACT ZAU TMU AT (630) 906-8241 WITH ANY QUESTIONS.
031531-032330
19/07/03 15:31 DCCOPS.lxstn19

Advisory ID: 067 (WARNING: Advisory incomplete. Available data is displayed.)
Reporting ARTCC: DCC
Advisory Text: ATCSCC ADVZY 067 DCC 07/03/19 ROUTE RMD
NAME: AZEZU_PARTIAL
CONSTRAINED AREA: EAST COAST
REASON: WEATHER
INCLUDE TRAFFIC: KACY/KBCT/KCDW/KEWR/KFLL/KFRG/KFXE/KHPN/KISP/KJFK/K
LGA/KMCO/KMIA/KMMU/KPBI/KPHL/KRSW/KSUA/KTEB/KTMB/KT
PA/ZBW/ZTL DEPARTURES TO
KACY/KATL/KBCT/KBOS/KCDW/KCLT/KEWR/KFLL/KFRG/KFXE/K
HPN/KISP/KJFK/KLGA/KMCO/KMIA/KMMU/KPBI/KPHL/KRSW/KS
UA/KTEB/KTMB/KTPA
FACILITIES INCLUDED: ZBW/ZDC/ZJX/ZMA/ZNY/ZTL/ZWY
FLIGHT STATUS: ALL FLIGHTS
VALID: ETD 031400 TO 040200
PROBABILITY OF EXTENSION: LOW
REMARKS: REPLACES ADVZY 041. M201 IS RESTRICTED TO FL310 AND ABOVE.
ASSOCIATED RESTRICTIONS:
MODIFICATIONS: ATL/CLT ADDED.
ROUTES:

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KISP	KEYED RICED4 PAEPR HOBOH SILLY STINK YAALE
KLGA	YETTI MOUGH OWENZ FATON CCC HANRI M201 PAEPR HOBOH AZEZU BERGH OWENZ FATON HOFFI KEYED BDR V475 LGA
KJFK	HANRI M201 PAEPR HOBOH AZEZU BERGH OWENZ FATON HOFFI KEYED BDR V475 LGA
KMCO	HANRI M201 BAHAA AR15 HIBAC CWRLD4
KMIA	HANRI M201 JENKS AR22 JORAY HILEY7
KPBI	HANRI M201 JENKS AR19 AYBID FRWAY5
KPHL	PAEPR HOBOH AZEZU LYNUS B24 DASHA JIIMS3
KRSW	HANRI M201 BAHAA AR15 HIBAC SHFTY5
KSUA	HANRI M201 BAHAA AR15 HIBAC
KTEB	PAEPR HOBOH SILLY STINK YAALE YETTI MOUGH DONAA OWENZ CYN GXU RBV V249 METRO
KTMB	HANRI M201 JENKS AR22 JORAY HILEY7
KTPA	HANRI M201 BAHAA AR15 ORL DADES6

031540-040200

Advisory ID: 072
Reporting ARTCC: DCC
Advisory Effective Start Time: Wed Jul 03 16:27:00 UTC 2019
Advisory Effective End Time: Wed Jul 03 19:30:00 UTC 2019
Advisory Text: ATCSCC ADVZY 072 DCC 07/03/2019 AR CLOSURE_RQD
EVENT TIME: 03/1625 - 03/1900
ZDC ADVISES THAT THE ARS SOUTH OF ILM/DIW ARE CLOSED DUE TO
THUNDERSTORMS. USERS SHOULD FILE ALTERNATE ROUTING.

EXPECT UPDATE BY 1900Z
031627-031930
19/07/03 16:27 DCCOPS.lxstn21

Advisory ID: 077
Reporting ARTCC: DCC
Advisory Effective Start Time: Wed Jul 03 16:38:00 UTC 2019
Advisory Effective End Time: Wed Jul 03 19:30:00 UTC 2019
Advisory Text: ATCSCC ADVZY 077 DCC 07/03/2019 AR CLOSURE_RQD
EVENT TIME: 03/1625 - 03/1900
REPLACES ADVZY 072

ZDC ADVISES THAT ARS SOUTH OF ILM/DIW ARE CLOSED DUE TO
THUNDERSTORMS. **AZEZU AND CARIBBEAN TRAFFIC ARE EXEMPT** USERS
SHOULD FILE ALTERNATE ROUTING.

EXPECT UPDATE BY 1900Z
031638-031930
19/07/03 16:38 DCCOPS.lxstn21

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Advisory ID: 031

Reporting ARTCC: DCC

Advisory Effective Start Time: Sun Jun 30 11:28:00 UTC 2019

Advisory Effective End Time: Mon Jul 29 13:59:00 UTC 2019

Advisory Text: ATCSCC ADVZY 031 DCC 06/30/2019 OPERATIONS PLAN

EVENT TIME: 29/1200 - AND LATER

PRELIMINARY GOALS FOR 6/30/19

-MANAGE EWR,LGA,JFK, PHL AND TEB AIRPORT OPERATIONS TO KEEP DEPARTURE DELAYS TO LESS THAN 45 MINUTES AFTER 1800Z.

-MANAGE ORD AND MDW AIRPORT OPERATIONS TO KEEP DEPARTURE DELAYS TO LESS THAN 30 MINUTES.

-MANAGE DEN AIRPORT OPERATIONS TO KEEP DEPARTURE DELAYS TO LESS THAN 30 MINUTES AFTER 1800Z.

SWAP IS POSS FOR THE NE DUE TO DEVELOPING CONVECTION FORECAST ACROSS SOUTHERN ZDC. SPARSE TSTMS TO FORM THROUGHOUT THE DAY OVER THE CENTRAL ROCKIES, ALONG THE GULF COAST, AND ACROSS FLA. LOCIGS FORECAST FOR THE WEST COAST THAT COULD AFFECT SFO OPS DURING THE DAYSHIFT.

TERMINAL ACTIVE:

NONE

TERMINAL PLANNED:

AFTER 1300 -IAH/HOU GROUND STOP POSSIBLE

AFTER 1500 -BOS GROUND STOP/DELAY PROGRAM POSSIBLE

AFTER 1500 -ORD/MDW GROUND STOP POSSIBLE

AFTER 1500 -SFO GROUND STOP/DELAY PROGRAM POSSIBLE

AFTER 1700 -ATL GROUND STOP POSSIBLE

AFTER 1700 -EWR GROUND STOP/DELAY PROGRAM PROBABLE

AFTER 1700 -JFK/LGA GROUND STOP/DELAY PROGRAM POSSIBLE

AFTER 1700 -MCO/TPA GROUND STOP POSSIBLE

AFTER 1700 -MIA/FLL GROUND STOP POSSIBLE

AFTER 1800 -DEN GROUND STOP/DELAY PROGRAM POSSIBLE

AFTER 1800 -MSP GROUND STOP POSSIBLE

TERMINAL CONSTRAINTS:

SFO-LOCIGS

EWR/LGA/JFK-WIND

IAH/HOU/BOS/ORD/MDW/ATL/MCO/TPA/MIA/FLL/DEN/MSP - TSTMS

MCO - RWY 17R/35L CLOSED UNTIL 08/07/19

DEN - RWY 17R/35L CLOSED UNTIL 09/13/19

FLL - RWY 10L/28R CLOSED UNTIL 10/01/19

ORD - RWY 04L/22R CLOSED UNTIL 11/01/19

JFK - RWY 13L/31R CLOSED UNTIL 11/16/19

ACTIVE ROUTES:

1700 0430 -FCAEWR:WIND_ROUTE_EWR

1700 0430 -FCAJFK:WIND_ROUTE_JFK

PLANNED ROUTES:

AFTER 1200 -ZHU/ZJX TSTMS REGIONAL/GULF/Q ROUTE CLOSURES

AFTER 1300 -IAH/HOU TSTMS ARRIVAL/SWAP/CDRS POSSIBLE

AFTER 1400 -BOS TSTMS ARRIVAL/SWAP/CDRS POSSIBLE

AFTER 1400 -ORD/MDW TSTMS ARRIVAL/SWAP/CDRS POSSIBLE

AFTER 1600 -ZMP/ZAU/ZDV TSTMS TRANSCON ROUTES POSSIBLE

AFTER 1700 -ATL TSTMS ARRIVAL/SWAP/CDRS POSSIBLE

AFTER 1700 -ZTL/ZJX/ZMA TSTMS REGIONAL ROUTES POSSIBLE

AFTER 1800 -DEN TSTMS ARRIVAL/SWAP/CDRS POSSIBLE

AFTER 1800 -MSP TSTMS ARRIVAL/SWAP/CDRS POSSIBLE

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AFTER 1800 -N90/PHL/PCT TSTMS ARRIVAL/SWAP/CDRS POSSIBLE

EN ROUTE CONSTRAINTS:

ZDC/ZTL/ZJX/ZMA/ZME/ZFW/ZHU/ZDV/ZMP/ZAU/ZLC/ZAB-TSTMS

BE ADVISED, BEGINNING JULY 1, 2019, THE ATCSCC OPERATIONS PLAN WEBINAR
WILL TRANSITION TO THE 3RD QUARTER REGIST WEST_TO_IAH_HOURATION. PLEASE
CHECK YOUR EMAIL
FOR A LINK. IF YOU NEED A NEW LINK, EMAIL: 9-ATOR-HQ-ATCSCC-AT-SPT@FAA.GOV

NEXT PLANNING WEBINAR: 1315z
301128-291359
19/06/30 11:28 DCCOPS.lxstn35

UAS Operating Area:

null

UAS Operating Area

SUMMARY: UOA start is Jul 03, 1032Z, end is Jul 04, 0018Z. Maximum altitude: 250 feet

UOA active while flight estimated to traverse area (1815Z to 1815Z).

UAS Operating Area DEFINED AS 0.3NM RADIUS OF 263222.40N0801159.20W (7.0NM
WSW LNA) SFC-250FT DLY SR-SS 1901091211-1908312342.

Miscellaneous:

NHC Bulletins

There are no National Hurricane Center bulletins found for this briefing

Convective Outlook

ACUS01 KWNS 031628
SWODY1
SPC AC 031627

DAY 1 CONVECTIVE OUTLOOK
NWS STORM PREDICTION CENTER NORMAN OK
1127 AM CDT WED JUL 03 2019

VALID 031630Z - 041200Z

...THERE IS A SLIGHT RISK OF SEVERE THUNDERSTORMS PARTS OF WY TO THE

NORTHERN GREAT PLAINS...

...SUMMARY...

THE MOST LIKELY REGION FOR SEVERE THUNDERSTORMS IS FROM PORTIONS OF WYOMING INTO THE NORTHERN GREAT PLAINS. A COUPLE TORNADOES, LARGE HAIL, AND SEVERE WIND GUSTS WILL BE POSSIBLE, WITH THE PEAK THREAT DURING LATE AFTERNOON TO EVENING.

...NORTHERN ROCKIES/PLAINS...

CONSIDERED AN UPGRADE TO ENHANCED SLIGHT RISK ACROSS PARTS OF THE DAKOTAS BUT CONFIDENCE IS CURRENTLY TOO LOW TO IDENTIFY THE MOST PROBABLE SEVERE WIND CORRIDOR.

A PAIR OF PRIMARY SHORTWAVE IMPULSES ARE EVIDENT IN WATER VAPOR IMAGERY, THE LEAD ONE EJECTING INTO WESTERN MT AND A LAGGING ONE OVER SOUTHWEST OR. THESE FEATURES WILL TRANSLATE GRADUALLY EAST THROUGH THE PERIOD, FOSTERING WEAK MID-LEVEL HEIGHT FALLS OVER MAINLY THE NORTHERN ROCKIES AND ADJACENT HIGH PLAINS. STRONGER MID-LEVEL SOUTHWESTERLIES WILL ACCOMPANY THE LEAD IMPULSE WITH A BELT OF 40-55 KT 500-MB FLOW CENTERED ON THE YELLOWSTONE VICINITY INTO WESTERN ND AT PEAK HEATING. LEE CYCLOGENESIS WILL OCCUR ACROSS SOUTHEAST WY WITH A SLOW-MOVING FRONT EXTENDING NORTHEAST ACROSS THE

DAKOTAS.

THUNDERSTORMS ARE ALREADY ONGOING IN ASSOCIATION WITH THE LEAD IMPULSE ACROSS SOUTHWEST MT. DESPITE THIS ACTIVITY OCCURRING WITHIN 50S SURFACE TEMPERATURES AND PERVASIVE CLOUDINESS DOWNSTREAM LIMITING BOUNDARY-LAYER HEATING, THE COLD POCKET OF MID-LEVEL TEMPERATURES WILL SUPPORT SUFFICIENTLY STEEP LAPSE RATES AMID WEAK BUOYANCY. THIS COULD YIELD A SWATH OF MARGINALLY SEVERE HAIL INTO THE AFTERNOON. TOWARDS MID-LATE AFTERNOON, MORE NUMEROUS THUNDERSTORMS SHOULD DEVELOP IN THE MOUNTAINS SURROUNDING THE BIGHORN BASIN, NEAR THE SURFACE CYCLONE IN SOUTHEAST WY, OVER THE BLACK HILLS, AND ALONG THE FRONT IN CENTRAL ND. THE MORE LONG-LIVED SUPERCELL CORRIDOR SHOULD EXIST ACROSS THE NORTHEAST WY TO WESTERN

SD VICINITY AS IT LIES ON THE WESTERN PLUME OF MODERATE TO LARGE BUOYANCY WITH LOW-LEVEL SRH ENHANCED ON THE COOL SIDE OF THE FRONT.

LARGE HAIL AND A COUPLE TORNADIC SUPERCELLS ARE POSSIBLE.

ALTHOUGH CAMS ARE RATHER VARIED, THERE IS SIGNAL FOR UPSCALE GROWTH

AND POTENTIAL DEVELOPMENT OF ONE OR MORE MCS/S EASTWARD ACROSS MAINLY SD AND EASTERN ND THIS EVENING. THIS WILL BE HIGHLY DEPENDENT ON STORM-SCALE/SUPERCELL INTERACTIONS, ESPECIALLY WITH SOUTHEAST EXTENT GIVEN THE DISPLACEMENT OF STRONGER MID-LEVEL FLOW TO THE

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COOL
SIDE OF THE FRONT AND THE SOUTHERLY LOW-LEVEL JET WELL SOUTH ACROSS
THE CENTRAL GREAT PLAINS. HOWEVER, ENCROACHMENT ON A PLUME OF
2500-3500 J/KG MLCAPE MAY SUPPORT AT LEAST ISOLATED SEVERE WIND
GUSTS PERSISTING INTO THE EARLY MORNING.

...COASTAL CAROLINAS...

A MODEST BELT OF MID/UPPER-LEVEL WESTERLIES WILL OVERLAP THE SEA
BREEZE, YIELDING POTENTIAL FOR MULTICELL CLUSTERING. LARGER
BUOYANCY
PREVAILS ALONG THE IMMEDIATE COAST, ESPECIALLY COMPARED TO AREAS
FARTHER INLAND TO THE NORTH/WEST THAT ARE EAST OF THE APPALACHIANS,
AS ROBUST HEATING HAS OCCURRED AMID THE PRESENCE OF MID TO UPPER 70S
SURFACE DEW POINTS. WHILE WEAK LOWER-LEVEL FLOW SHOULD LIMIT
GREATER
ORGANIZATION, LOCALLY STRONG WIND GUSTS AND MARGINALLY SEVERE
HAIL
WILL BE POSSIBLE FOR A FEW HOURS DURING MID-LATE AFTERNOON.

..GRAMS/SMITH.. 07/03/2019

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ACUS02 KWNS 030536

SWODY2

SPC AC 030535

DAY 2 CONVECTIVE OUTLOOK
NWS STORM PREDICTION CENTER NORMAN OK
1235 AM CDT WED JUL 03 2019

VALID 041200Z - 051200Z

...THERE IS A MARGINAL RISK OF SEVERE THUNDERSTORMS ACROSS PARTS OF
THE CENTRAL TO NORTHERN PLAINS AND IN PARTS OF THE EASTERN STATES...

...SUMMARY...

ISOLATED SEVERE STORMS WITH HAIL AND STRONG WIND GUSTS WILL BE
POSSIBLE ACROSS PARTS OF THE NORTHERN AND CENTRAL PLAINS ON
THURSDAY. STORMS ASSOCIATED WITH A FEW MARGINALLY SEVERE WIND
GUSTS
WILL ALSO BE POSSIBLE IN THE EASTERN STATES.

...NORTHERN AND CENTRAL PLAINS...

SOUTHWEST MID-LEVEL FLOW WILL BE IN PLACE ACROSS THE NORTH-CENTRAL
U.S. ON THURSDAY. AT THE SURFACE, A SLOW MOVING COLD FRONT IS
FORECAST TO BE LOCATED FROM NORTHEASTWARD COLORADO
EAST-NORTHEASTWARD INTO NORTHWEST IOWA. SURFACE DEWPOINTS

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SHOULD BE
IN THE MID TO UPPER 60S F CONTRIBUTING MODERATE TO STRONG
INSTABILITY BY AFTERNOON. ALTHOUGH LARGE-SCALE ASCENT SHOULD BE
LIMITED ACROSS THE REGION, LOW-LEVEL CONVERGENCE ALONG THE FRONT
AND
SURFACE HEATING IS EXPECTED TO BE ENOUGH FOR ISOLATED
THUNDERSTORM
DEVELOPMENT. ANY STORMS THAT CAN DEVELOP ALONG THE FRONT, COULD
PRODUCE HAIL AND ISOLATED WIND STRONG WIND GUSTS. CONVECTIVE
COVERAGE IS EXPECTED TO INCREASE MARKEDLY DURING THE OVERNIGHT
PERIOD BUT MODEL SPREAD IS LARGE CONCERNING THE AREA WITH MAXIMUM
CONVECTIVE COVERAGE. ONCE THIS BECOMES MORE CERTAIN, AN UPGRADE TO
SLIGHT RISK COULD BE NEEDED.

...EASTERN STATES...

AN UPPER-LEVEL RIDGE IS FORECAST TO BUILD NORTHWARD ACROSS THE
NORTHEAST ON THURSDAY AS A MINOR SHORTWAVE TROUGH MOVES INTO THE
UPPER OHIO VALLEY. AT THE SURFACE, A MOIST AIRMASS WITH SURFACE
DEWPOINTS IN THE LOWER 70S F WILL BE LOCATED FROM THE CAROLINAS
NORTHWARD INTO THE MID-ATLANTIC. IN RESPONSE, LOW-END MODERATE
INSTABILITY MAY DEVELOP ALONG THE MOIST AXIS FROM EASTERN VIRGINIA
INTO MARYLAND AS THE NAM, GFS AND ECMWF MODELS SUGGEST. ALTHOUGH
SHEAR SHOULD BE LIMITED, STEEP LOW-LEVEL LAPSE RATES AND AN
INVERTED-V THERMODYNAMIC PROFILE MAY BE ENOUGH FOR MARGINALLY
SEVERE
WIND GUSTS DURING THE MID TO LATE AFTERNOON ASSOCIATED WITH PULSE
STORMS.

...MAXIMUM RISK BY HAZARD...

TORNADO: 2% - MARGINAL
WIND: 5% - MARGINAL
HAIL: 5% - MARGINAL

..BROYLES.. 07/03/2019

\$\$

ACUS03 KWNS 030701

SWODY3

SPC AC 030700

DAY 3 CONVECTIVE OUTLOOK
NWS STORM PREDICTION CENTER NORMAN OK
0200 AM CDT WED JUL 03 2019

VALID 051200Z - 061200Z

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...THERE IS A MARGINAL RISK OF SEVERE THUNDERSTORMS ACROSS PARTS OF THE HIGH PLAINS...CENTRAL PLAINS AND MID MISSOURI TO UPPER MISSISSIPPI VALLEYS...

...SUMMARY...

MARGINALLY SEVERE THUNDERSTORMS WILL BE POSSIBLE ON FRIDAY FROM THE HIGH PLAINS INTO THE MID MISSOURI AND UPPER MISSISSIPPI VALLEYS.

...HIGH PLAINS...

A SHORTWAVE TROUGH IS FORECAST TO MOVE EAST-NORTHEASTWARD INTO THE CENTRAL AND NORTHERN ROCKIES ON FRIDAY. AT THE SURFACE, A CORRIDOR OF INSTABILITY IS FORECAST TO DEVELOP FROM THE NORTHERN TEXAS PANHANDLE INTO EASTERN COLORADO AND SOUTHEAST WYOMING. CONVECTION SHOULD INITIATE IN THE CENTRAL ROCKIES DURING THE AFTERNOON WITH SCATTERED THUNDERSTORMS MOVING EASTWARD ACROSS THE CENTRAL HIGH PLAINS. MODERATE DEEP-LAYER SHEAR AND STEEP MID-LEVEL LAPSE ARE FORECAST TO BE SUFFICIENT FOR AN ISOLATED SEVERE THREAT. A FEW ROTATING STORMS WILL BE POSSIBLE IN AREAS WHERE MESOSCALE CONDITIONS ARE MOST FAVORABLE. HAIL AND MARGINALLY SEVERE WIND GUSTS WILL BE THE PRIMARY THREATS.

...CENTRAL PLAINS/MID MISSOURI AND UPPER MISSISSIPPI VALLEYS...

A SHORTWAVE RIDGE WILL MOVE EASTWARD ACROSS THE CENTRAL AND NORTHERN PLAINS ON FRIDAY. AT THE SURFACE, A COLD FRONT IS FORECAST TO MOVE SOUTHWARD ACROSS THE CENTRAL PLAINS AND MID MISSOURI VALLEY. SOUTH OF THE FRONT, MODERATE TO STRONG INSTABILITY IS FORECAST TO DEVELOP BY AFTERNOON. INCREASING LOW-LEVEL CONVERGENCE ALONG THE FRONT IS EXPECTED TO HELP ISOLATED THUNDERSTORMS FORM DURING THE LATE AFTERNOON. THE INSTABILITY COMBINED WITH STEEP LOW-LEVEL LAPSE RATES AND 30-35 KT OF DEEP-LAYER SHEAR SHOULD BE ENOUGH FOR STRONG WIND GUSTS AND HAIL. MODEL SPREAD CONCERNING THE EXACT POSITION OF THE FRONT IS LARGE SUGGESTING THAT THE LATITUDINAL SPACING OF THE MARGINAL RISK AREA MAY NEED TO BE ADJUSTED IN LATER OUTLOOKS.

..BROYLES.. 07/03/2019

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