

[PLANNING NOTAMS]

ORIGIN: TJSJ/SJU (LUIS MUNOZ MARIN INTL, PUERTO RICO)

UTC -04:00

**9/1280/TJSJ**

SJU IAP LUIS MUNOZ MARIN INTL,  
SAN JUAN, PR.  
RNAV (GPS) RWY 8, AMDT 1...  
LNAV MDA 600/HAT 591 ALL CATS, VISIBILITY CAT C 1 1/4.  
TEMPORARY CRANE, 2.51 NM WEST OF RWY 08, 284FT AGL/ 294 FT MSL  
(2019-ASO-18297-OE).  
1911100800-1911252105EST  
(PERM. CREATED 08-NOV-2019 21:06)

**11/082/TJSJ**

SJU OBST TOWER LGT (ASR 1263196) 182626.50N0655321.50W (6.5NM E SJU) 272.0FT  
(254.9FT AGL) U/S  
(08-NOV-2019 10:50 - 06-FEB-2020 05:00. CREATED 08-NOV-2019 10:50)

**11/077/TJSJ**

SJU TWY S BTN APCH END RWY 08 AND TWY A CLSD  
(07-NOV-2019 20:16 - 31-JAN-2020 21:00. CREATED 07-NOV-2019 20:16)

**11/051/TJSJ**

SJU SVC TAR U/S  
(12-NOV-2019 12:00 - 12-NOV-2019 19:00. CREATED 06-NOV-2019 03:10)

**11/010/TJSJ**

SJU TWY N BTN 2 APN AND 3 APN NONMOVEMENT AREA  
(01-NOV-2019 12:37 - 31-JAN-2020 21:00. CREATED 01-NOV-2019 12:37)

**11/009/TJSJ**

SJU TWY S BTN TWY S2 AND TWY S4 CLSD  
(01-NOV-2019 12:36 - 31-JAN-2020 21:00. CREATED 01-NOV-2019 12:36)

**11/008/TJSJ**

SJU TWY N BTN 1 APN AND 3 APN CLSD  
(01-NOV-2019 12:32 - 31-JAN-2020 21:00. CREATED 01-NOV-2019 12:32)

**11/007/TJSJ**

SJU RWY 28 6000FT DIST REMAINING SIGN MISSING  
(01-NOV-2019 12:31 - 31-JAN-2020 21:00. CREATED 01-NOV-2019 12:31)

**11/006/TJSJ**

SJU TWY S3 BTN RWY 08/26 AND TWY S CLSD  
(01-NOV-2019 12:30 - 31-JAN-2020 21:00. CREATED 01-NOV-2019 12:30)

**11/005/TJSJ**

SJU TWY S4 BTN RWY 08/26 AND TWY S CLSD  
(01-NOV-2019 12:30 - 31-JAN-2020 21:00. CREATED 01-NOV-2019 12:30)

**10/210/TJSJ**

SJU OBST TOWER LGT (ASR 1302040) 180703.70N0654826.30W (1.27NM SSW X63) 420FT  
(083FT AGL) U/S  
(28-OCT-2019 05:49 - 11-NOV-2019 13:00. CREATED 28-OCT-2019 05:49)

**10/068/TJSJ**

SJU NAV ILS RWY 10 GP U/S  
(21-OCT-2019 10:00 - 03-FEB-2020 20:00. CREATED 14-OCT-2019 10:01)

**10/055/TJSJ**

SJU COM REMOTE COM OUTLET 122.6 COMMISSIONED  
(10-OCT-2019 17:03 - PERM. CREATED 10-OCT-2019 17:03)

**09/151/TJSJ**

SJU NAV ILS RWY 08 GP NOT MNT  
(18-SEP-2019 10:43 - 03-FEB-2020 20:00 EST. CREATED 18-SEP-2019 10:43)

**09/089/TJSJ**

SJU OBST TOWER LGT (ASR 1296299) 182552.50N0655959.00W (0.5NM SSE SJU)  
126.6FT (119.8FT AGL) U/S  
(11-SEP-2019 15:26 - 14-DEC-2019 23:59. CREATED 11-SEP-2019 15:26)

**9/4551/TJSJ**

SJU IAP LUIS MUNOZ MARIN INTL,  
SAN JUAN, PR.  
ILS OR LOC RWY 8, AMDT 16...  
S-LOC-8 MDA 700/HAT 691 ALL CATS, CAT A/B VISIBILITY 1, CAT C/D  
VISIBILITY 1 1/2. CIRCLING MDA 700/HAA 690 ALL CATS, CIRCLING CAT  
C VISIBILITY 2, CIRCLING CAT D VISIBILITY 2 1/4. CHANGE FOR  
INOPERATIVE MALSR NOTE TO READ: FOR INOPERATIVE ALS, INCREASE  
S-ILS-8 ALL CATS VISIBILITY TO 1 SM, INCREASE S-LOC-8 CAT C/D  
VISIBILITY TO 2 SM.  
1905281809-2105281808EST  
(PERM. CREATED 28-MAY-2019 18:09)

**9/5577/TJSJ**

SJU IAP LUIS MUNOZ MARIN INTL,  
SAN JUAN, PR.  
ILS OR LOC RWY 10, AMDT 6A...  
NDB RWY 8, AMDT 8...  
VOR OR TACAN RWY 10, AMDT 2A...  
VOR OR TACAN RWY 26, AMDT 20...  
VOR OR TACAN RWY 8, AMDT 1...  
DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM  
WITH GPS,  
BQN VORTAC OUT OF SERVICE.  
(10-MAY-2019 18:26 - 10-MAY-2021 18:26 EST. CREATED 10-MAY-2019 18:27)

**9/5576/TJSJ**

SJU SID LUIS MUNOZ MARIN INTL,  
SAN JUAN, PR.  
JAAWS ONE DEPARTURE...  
VERMO FIVE DEPARTURE...  
DEPARTURE PROCEDURE DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH  
SUITABLE RNAV SYSTEM WITH GPS,  
BQN VORTAC OUT OF SERVICE.  
(10-MAY-2019 18:26 - 10-MAY-2021 18:26 EST. CREATED 10-MAY-2019 18:27)

**9/9363/TJSJ**

SJU IAP LUIS MUNOZ MARIN INTL,  
SAN JUAN, PR.  
VOR OR TACAN RWY 8, AMDT 1...  
S-8 MDA 580/HAT 571 ALL CATS, CAT C VIS 1 1/4, CIRCLING CAT C VIS 1  
5/8. CHANGE FOR INOPERATIVE MALSR NOTE TO READ: FOR INOPERATIVE  
ALS, INCREASE S-8 CAT C/D/E VISIBILITY TO 1 5/8 SM.  
NOTE: RWY 8 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT  
AUTHORIZED.  
1904091553-2104091553EST  
(PERM. CREATED 09-APR-2019 15:54)

**9/2787/TJSJ**

SJU SID LUIS MUNOZ MARIN INTL,  
SAN JUAN, PR.  
VERMO FIVE DEPARTURE...  
DEPARTURE PROCEDURE DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH  
SUITABLE RNAV SYSTEM WITH GPS.

BQN R-037 UNUSABLE.  
(05-MAR-2019 20:37 - 05-MAR-2021 20:37 EST. CREATED 05-MAR-2019 20:39)

**DESTINATION: KIAH/IAH (GEORGE BUSH INTERCONTINENTAL/H, UNITED STATE UTC -06:00)**

**11/097/KIAH**

IAH NAV ILS RWY 26L CAT II NA  
(08-NOV-2019 19:06 - 10-JAN-2020 20:00 EST. CREATED 08-NOV-2019 19:06)

**11/076/KIAH**

IAH RWY 26L PAPI U/S  
(08-NOV-2019 17:36 - 15-NOV-2019 20:00 EST. CREATED 08-NOV-2019 17:36)

**11/075/KIAH**

IAH TWY FH BTN TWY FJ AND TWY EE CLSD DLY 1300-1900  
(09-NOV-2019 13:00 - 10-NOV-2019 19:00. CREATED 08-NOV-2019 12:59)

**9/9398/KIAH**

IAH IAP GEORGE BUSH  
INTERCONTINENTAL/HOUSTON, HOUSTON, TX.  
RNAV (GPS) RWY 33R, AMDT 2B...  
LNAV/VNAV DA 599/HAT 510 ALL CATS. RVR 5500 ALL CATS.  
LNAV MDA 560/HAT 471 ALL CATS. VIS CATS C/D/E RVR 5000.  
SIDESTEP 33L MDA 560/HAT 471 ALL CATS.  
FOR INOPERATIVE MALSR, INCREASE LPV CAT E VISIBILITY TO RVR 4000,  
LNAV/VNAV CAT E VISIBILITY TO 1 3/8, AND LNAV CAT E VISIBILITY TO 1  
1/2.  
TEMPORARY CRANE, 259 MSL, 1.14NM SE OF APCH END RWY 33R  
(2019-ASW-4893-OE).  
1911062022-2011162022EST  
(PERM. CREATED 06-NOV-2019 20:23)

**9/7817/KIAH**

IAH SID GEORGE BUSH  
INTERCONTINENTAL/HOUSTON, HOUSTON, TX.  
LAKE CHARLES FIVE DEPARTURE...  
DEPARTURE PROCEDURE NA EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV  
SYSTEM WITH GPS,  
LCH VOR OUT OF SERVICE.  
(05-NOV-2019 14:00 - 05-DEC-2019 13:26 EST. CREATED 05-NOV-2019 13:27)

**11/034/KIAH**

IAH OBST TOWER LGT (ASR UNKNOWN) 294955.79N0952705.29W (10.77NM SSW IAH)  
177FT (110FT AGL) U/S  
(04-NOV-2019 23:09 - 04-FEB-2020 23:59. CREATED 04-NOV-2019 23:10)

**9/7309/KIAH**

IAH IAP GEORGE BUSH  
INTERCONTINENTAL/HOUSTON, HOUSTON, TX.  
GLS RWY 26L, AMDT 1B...  
GLS DA 457/HAT 362 ALL CATS VIS RVR 3500 ALL CATS.  
FOR INOPERATIVE ALSF, INCREASE GLS ALL CATS TO RVR 5500.  
TEMPORARY CRANE, 286FT MSL, 1770FT SE OF APCH END RWY 26L  
(2017-ASW-3382-NRA).  
1911041826-2006151826EST  
(PERM. CREATED 04-NOV-2019 18:26)

**11/017/KIAH**

IAH APRON TXL RC BTN SPOT 3 AND TERMINAL A CLSD DLY  
0400-1300  
(04-NOV-2019 04:00 - 08-MAR-2020 13:00. CREATED 02-NOV-2019 20:17)

**11/016/KIAH**

IAH APRON NORTH RAMP NORTH TXL CLSD DLY 0400-1300  
(04-NOV-2019 04:00 - 08-MAR-2020 13:00. CREATED 02-NOV-2019 20:16)

**10/256/KIAH**

IAH OBST TOWER LGT (ASR 1062888) 295448.00N0950848.00W (11.0NM ESE IAH)  
564.3FT (515.1FT AGL) U/S  
(29-OCT-2019 23:50 - 29-NOV-2019 23:50. CREATED 29-OCT-2019 23:50)

**10/235/KIAH**

IAH OBST TOWER LGT (ASR 1054786) 300254.40N0952556.30W (6.1NM NW IAH) 466.2FT  
(370.1FT AGL) U/S  
(29-OCT-2019 13:47 - 29-NOV-2019 23:59 EST. CREATED 29-OCT-2019 13:51)

**10/198/KIAH**

IAH TWY ND CL MARKINGS BTN TERMINAL B NORTH RAMP AND TWY NC FADED  
(24-OCT-2019 18:03 - 31-DEC-2020 23:59 EST. CREATED 24-OCT-2019 18:03)

**10/197/KIAH**

IAH APRON TXL RC CL MARKINGS FADED  
(24-OCT-2019 17:41 - 31-DEC-2020 23:59 EST. CREATED 24-OCT-2019 17:41)

**10/196/KIAH**

IAH APRON NORTH RAMP SOUTH TXL CL MARKINGS OBSC  
(24-OCT-2019 17:40 - 31-DEC-2020 23:59 EST. CREATED 24-OCT-2019 17:40)

**10/195/KIAH**

IAH APRON NORTH RAMP NORTH TXL CL MARKINGS OBSC  
(24-OCT-2019 17:39 - 31-DEC-2020 23:59 EST. CREATED 24-OCT-2019 17:39)

**9/0263/KIAH**

IAH SID GEORGE BUSH  
INTERCONTINENTAL/HOUSTON, HOUSTON, TX.  
HOODO SIX DEPARTURE (RNAV)...  
GPS REQUIRED,  
LEV TACAN OUT OF SERVICE.  
(22-OCT-2019 19:50 - 22-NOV-2019 19:50 EST. CREATED 22-OCT-2019 19:51)

**10/145/KIAH**

IAH OBST TOWER LGT (ASR 1049499) 295206.60N0952135.10W (7.0NM S IAH) 646.0FT  
(579.1FT AGL) U/S  
(19-OCT-2019 23:27 - 19-JAN-2020 04:00. CREATED 19-OCT-2019 23:27)

**10/122/KIAH**

IAH OBST TOWER LGT (ASR 1244686) 295623.60N0952045.10W (2.7NM S IAH) 187.7FT  
(117.8FT AGL) U/S  
(15-OCT-2019 18:25 - 21-NOV-2019 23:59. CREATED 15-OCT-2019 18:30)

**9/5917/KIAH**

IAH SID GEORGE BUSH  
INTERCONTINENTAL/HOUSTON, HOUSTON, TX.  
PALACIOS ONE DEPARTURE...  
DEPARTURE PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE  
RNAV SYSTEM WITH GPS,  
THX VORTAC OUT OF SERVICE.  
(15-OCT-2019 16:07 - 28-NOV-2019 16:07 EST. CREATED 15-OCT-2019 16:08)

**9/3663/KIAH**

IAH IAP GEORGE BUSH  
INTERCONTINENTAL/HOUSTON, HOUSTON, TX.  
ILS RWY 8R (SA CAT I AND II), AMDT 26A ...  
PROCEDURE NA.  
EFFECTIVE DURING VMC CONDITIONS ONLY UNLESS ADVISED BY ATC.  
TEMPORARY CRANE 350 MSL 1946 FT SE OF RWY 26L (2018-ASW-2791-NRA)  
1910101154-2005211154EST

(PERM. CREATED 10-OCT-2019 11:54)

**10/066/KIAH**

IAH TWY WG BTN TWY WA AND TWY WB NORTH LGTD AND BARRICADED  
(08-OCT-2019 12:40 - 31-DEC-2020 23:59 EST. CREATED 08-OCT-2019 12:48)

**10/065/KIAH**

IAH TWY WF BTN TWY WA AND TWY WB NORTH LGTD AND BARRICADED  
(08-OCT-2019 12:41 - 31-DEC-2020 23:59 EST. CREATED 08-OCT-2019 12:48)

**09/225/KIAH**

IAH NAV GBAS U/S  
(23-SEP-2019 14:54 - 31-DEC-2019 23:59 EST. CREATED 23-SEP-2019 14:54)

**09/162/KIAH**

IAH OBST TOWER LGT (ASR 1304002) 295356.00N0952029.70W (5.1NM S IAH) 445FT  
(375FT AGL) U/S  
(19-SEP-2019 21:09 - 30-NOV-2019 21:10. CREATED 19-SEP-2019 21:09)

**09/071/KIAH**

IAH AD AP WILDLIFE HAZARD BATS IN THE VCY  
1909171833-2012312359  
(PERM. CREATED 17-SEP-2019 18:33)

**07/111/KIAH**

IAH TWY SB CL LGT BTN TWY SC AND TWY SK OUT OF SERVICE  
(11-JUL-2019 11:38 - 31-DEC-2019 23:00. CREATED 11-JUL-2019 11:38)

**9/9560/KIAH**

IAH IAP GEORGE BUSH  
INTERCONTINENTAL/HOUSTON, HOUSTON, TX.  
RNAV (GPS) Z RWY 26L, AMDT 4B...  
LPV DA 530/HAT 435, VIS RVR 5000 ALL CATS.  
TEMP CRANE 350 MSL 1946 FT SE OF RWY 26L (2018-ASW-2791-NRA).  
1906201817-2001301817EST  
(PERM. CREATED 20-JUN-2019 18:17)

**05/261/KIAH**

IAH TWY NE BTN TWY NB AND TWY NC IRREGULAR SFC STEEL PLATE 10FT EAST OF TWY  
CENTERLINE  
(22-MAY-2019 06:09 - 22-MAY-2020 12:00. CREATED 22-MAY-2019 06:10)

**9/0331/KIAH**

IAH IAP GEORGE BUSH  
INTERCONTINENTAL/HOUSTON, HOUSTON, TX.  
RNAV (RNP) Y RWY 26L, ORIG-C...  
RNP 0.13 DA 545/HAT 450, VIS RVR 5000 ALL CATS.  
RNP 0.30 DA 588/HAT 493, VIS RVR 5500 ALL CATS.  
TEMP CRANE 350 MSL 1946 FT SE OF RWY 26L (2018-ASW-2791-NRA).  
1905201811-1912301811EST  
(PERM. CREATED 20-MAY-2019 18:11)

**9/3994/KIAH**

IAH IAP GEORGE BUSH  
INTERCONTINENTAL/HOUSTON, HOUSTON, TX.  
RNAV (GPS) RWY 15R, AMDT 2B...  
LNAV/VNAV DA 460/HAT 364, ALL CATS VISIBILITY RVR 3500.  
NOTE: FOR INOPERATIVE ALS, INCREASE LPV CAT E VISIBILITY TO RVR  
4000, LNAV/VNAV ALL CATS VISIBILITY TO RVR 5500, AND LNAV CAT C/D/E  
VISIBILITY TO 1 3/8 SM.  
DISREGARD NOTE: FOR INOPERATIVE MALSR, INCREASE LPV CAT E  
VISIBILITY TO RVR 4000, LNAV/VNAV CAT E VISIBILITY TO RVR 5000, AND  
LNAV CAT C/D/E TO 1 3/8 MILE.  
1905081344-2105081343EST

(PERM. CREATED 08-MAY-2019 13:44)

**9/7287/KIAH**

IAH IAP GEORGE BUSH  
INTERCONTINENTAL/HOUSTON, HOUSTON, TX.  
ILS OR LOC RWY 27, AMDT 11A...  
S-ILS 27: CAT III CAT A, B, C, D RVR 600..  
1904251426-2104251426EST  
(PERM. CREATED 25-APR-2019 14:28)

**9/7124/KIAH**

IAH IAP GEORGE BUSH  
INTERCONTINENTAL/HOUSTON, HOUSTON, TX.  
ILS OR LOC RWY 26L, AMDT 21D...  
S-ILS 26L DA 456/HAT 361 ALL CATS. VIS RVR 3500 ALL CATS.  
S-LOC 26L MDA 580/HAT 485 ALL CATS. VIS CATS C/D/E RVR 5000.  
VDP AT JYV 3.09 DME; DISTANCE VDP TO THLD 1.35 MILES.  
FOR INOPERATIVE ALS, INCREASE S-ILS 26L CATS C/D/E VISIBILITY TO  
RVR 5500, S-LOC 26L CATS C/D/E VISIBILITY TO 2 1/2 MILES.  
TEMPORARY CRANE, 286FT MSL, 1770FT SE OF APCH END RWY 26L  
(2017-ASW-3382-NRA).  
1904251232-1912051232EST  
(PERM. CREATED 25-APR-2019 12:32)

**9/7118/KIAH**

IAH IAP GEORGE BUSH  
INTERCONTINENTAL/HOUSTON, HOUSTON, TX.  
ILS RWY 26L (SA CAT I), AMDT 21D ...  
ILS RWY 26L (CAT II AND III), AMDT 21D ...  
PROCEDURE NA.  
EFFECTIVE DURING VMC CONDITIONS ONLY UNLESS ADVISED BY ATC.  
TEMPORARY CRANE, 286FT MSL, 1770FT SE OF APCH END RWY 26L  
(2017-ASW-3382-NRA)  
(25-APR-2019 12:24 - 05-DEC-2019 12:24 EST. CREATED 25-APR-2019 12:24)

**ALTERNATE: KAUS/AUS (AUSTIN-BERGSTROM INTL, UNITED STATES)**

**UTC -06:00**

**11/041/KAUS**

AUS OBST TOWER LGT (ASR 1013859) 300717.80N0973447.50W (6.4NM SE AUS)  
1019.0FT (500.0FT AGL) U/S  
(09-NOV-2019 01:03 - 30-NOV-2019 23:59. CREATED 09-NOV-2019 01:03)

**11/040/KAUS**

AUS OBST TOWER LGT (ASR 1047854) 301126.40N0975133.80W (9.9NM W AUS) 1092.8FT  
(281.8FT AGL) U/S  
(08-NOV-2019 22:19 - 07-FEB-2020 05:00. CREATED 08-NOV-2019 22:19)

**11/039/KAUS**

AUS RWY 17L/35R CLSD  
(10-NOV-2019 13:30 - 10-NOV-2019 21:30. CREATED 08-NOV-2019 13:10)

**11/038/KAUS**

AUS RWY 17R/35L CLSD  
(09-NOV-2019 13:30 - 09-NOV-2019 21:30. CREATED 08-NOV-2019 13:08)

**11/035/KAUS**

AUS TWY C BTN TWY G AND TWY W CLSD LGTD AND BARRICADED  
(08-NOV-2019 19:00 - 01-JAN-2020 19:00. CREATED 08-NOV-2019 00:10)

**11/033/KAUS**

AUS TWY G3 NORTH OF TWY G CL LGT U/S  
(07-NOV-2019 20:10 - 29-NOV-2019 18:00. CREATED 07-NOV-2019 20:10)

**11/032/KAUS**

AUS TWY G3 NORTH OF TWY G EDGE LGT U/S  
(07-NOV-2019 20:08 - 29-NOV-2019 18:00. CREATED 07-NOV-2019 20:08)

**11/026/KAUS**

AUS AIRSPACE SEE CWK 11/020 PJE  
(09-NOV-2019 18:45 - 09-NOV-2019 19:45. CREATED 07-NOV-2019 01:51)

**11/025/KAUS**

AUS AIRSPACE PYROTECHNIC DEMONSTRATION WI AN AREA DEFINED AS 0.8NM RADIUS OF  
300757N0973810W (4.1NM NW AUS) SFC-800FT AGL  
(09-NOV-2019 23:00 - 09-NOV-2019 23:06. CREATED 06-NOV-2019 22:40)

**11/022/KAUS**

AUS AIRSPACE SEE AUS 11/021 UAS  
(09-NOV-2019 15:00 - 09-NOV-2019 23:30. CREATED 06-NOV-2019 15:00)

**11/010/KAUS**

AUS AIRSPACE SEE ZHU 11/052 HIGH SPEED ACFT AVOIDANCE ADZ  
1911092000-1911092030  
(PERM. CREATED 04-NOV-2019 17:31)

**11/006/KAUS**

AUS OBST TOWER LGT (ASR 1241722) 301635.90N0973556.30W (6.1NM NE AUS) 807.7FT  
(234.9FT AGL) U/S  
(02-NOV-2019 07:08 - 02-DEC-2019 07:07. CREATED 02-NOV-2019 07:09)

**11/005/KAUS**

AUS TWY B BTN TWY H AND TWY J CLSD TO ACFT WINGSPAN MORE THAN 118FT  
(02-NOV-2019 03:12 - 30-NOV-2019 06:00. CREATED 02-NOV-2019 03:12)

**11/001/KAUS**

AUS TWY G BTN TWY C AND TWY G2 CLSD TO ACFT WINGSPAN MORE THAN 118FT  
(01-NOV-2019 01:35 - 31-DEC-2019 23:00. CREATED 01-NOV-2019 01:35)

**10/155/KAUS**

AUS OBST TOWER LGT (ASR 1013180) 301923.80N0974759.50W (10.2NM NW AUS)  
2046.9FT (1229.0FT AGL) U/S  
(30-OCT-2019 13:02 - 14-NOV-2019 13:01. CREATED 30-OCT-2019 13:02)

**10/141/KAUS**

AUS TWY G3 NORTH OF TWY G WIP OPN TRENCH ADJ EAST AND  
WEST SIDE LGTD AND BARRICADED  
(28-OCT-2019 07:46 - 15-NOV-2019 17:00. CREATED 28-OCT-2019 07:46)

**10/138/KAUS**

AUS TWY R CLSD  
(27-OCT-2019 10:00 - 31-DEC-2019 11:00. CREATED 27-OCT-2019 07:38)

**10/037/KAUS**

AUS OBST TOWER LGT (ASR UNKNOWN) 301318.52N0974035.13W (1.3NM N AUS) 585FT  
(100FT AGL) U/S  
(07-OCT-2019 02:06 - 31-DEC-2019 23:59. CREATED 07-OCT-2019 02:06)

**9/0357/KAUS**

AUS IAP AUSTIN-BERGSTROM INTL, AUSTIN, TX.  
RNAV (RNP) Z RWY 17R, AMDT 1...  
RNP 0.30 DA 885/HAT 343 ALL CATS.  
PERMANENT TOWER, 582 MSL, 4954 FT NORTH OF APCH END RWY 17R  
(48-144442).  
1910041331-2110041331EST  
(PERM. CREATED 04-OCT-2019 13:32)

**09/074/KAUS**

AUS APRON TERMINAL APRON OPEN TRENCH ADJ SW CORNER LGTD AND BARRICADED  
(30-SEP-2019 12:04 - 30-NOV-2019 17:00. CREATED 30-SEP-2019 12:04)

**07/083/KAUS**

AUS TWY P COMMISSIONED 350FT X 75FT CONC LGTD  
(16-JUL-2019 22:38 - PERM. CREATED 16-JUL-2019 22:38)

**9/7299/KAUS**

AUS SID AUSTIN-BERGSTROM INTL, AUSTIN, TX.  
AUSTIN FIVE DEPARTURE...  
MINIMUM ALTITUDE AMUSE INT TO JUNCTION VORTAC, 7000 FT.  
1905311919-2105311919EST  
(PERM. CREATED 31-MAY-2019 19:20)

**02/024/KAUS**

AUS RWY 35L RAI LGT OUT OF SERVICE  
(08-FEB-2019 13:02 - 07-FEB-2020 20:00 EST. CREATED 08-FEB-2019 13:03)

**TJZS (SAN JUAN OCEANIC FIR/UIR)**

**08/078/TJZS**

ZSU OBST MOORED BALLOON WI AN AREA DEFINED AS .25NM RADIUS OF 181416N0663436W  
(MAZ102032.8) 3017FT (500FT AGL) FLAGGED DLY 1300-0100  
(13-AUG-2019 13:00 - 09-AUG-2020 01:00. CREATED 13-AUG-2019 10:37)

**9/1875/TJZS**

ZSU PR..AIRSPACE VIEQUES, PR..TEMPORARY FLIGHT  
RESTRICTIONS WI AN AREA DEFINED AS 4.1 NM RADIUS OF 180818N0652012W  
(STT244022.1) SFC-5000FT TO PROVIDE A SAFE ENVIRONMENT FOR ORDNANCE  
DISPOSAL OPS. PURSUANT TO 14 CFR SECTION 91.137(A)(2) TEMPORARY  
FLIGHT RESTRICTIONS ARE IN EFFECT. CH2M HILL, DENNIS BALLAM,  
TELEPHONE 757-672-8001, OR NAVFAC ATLANTIC, MARIA DANOIS,  
TELEPHONE 757-286-6457, IS IN CHARGE OF THE OPERATION. SAN JUAN  
/ZSU/ CERAP, TELEPHONE 787-253-8664, IS THE FAA CDN FACILITY.  
1905031630-1912212200  
(PERM. CREATED 03-MAY-2019 16:27)

**A0026/19/TJZS**

DEPLOYMENT OF HIGH ALT TRANPONDER EQUIPPED UNMANNED FREE  
BALLOONS WI SAN JUAN CENTER'S AIRSPACE. DEPLOYMENT LOCATION IS  
RVR (181445.60N653813.20W) OR THE SJU 132 RADIAL AT 23.4NM.  
SFC-FL600  
DLY 1900-1400  
(01-MAY-2019 10:17 - PERM. CREATED 01-MAY-2019 10:25)

**A0042/18/TJZS**

GNSS EQUIPPED ACFT DEPARTING TJSJ ENTERING MIAMI CENTER AIRSPACE  
(ZMA) DEPENDING ON THEIR DEST MUST FILE AND OR EXP TO BE ROUTED AS  
FOLLOWS. MIAMI METRO DEST:  
ACONY Y308 FOWEE - SEE MIAMI CENTER PREFERRED ROUTES/NOTAMS FOR  
AIRWAYS TO DESTINATION.  
REST OF FLORIDA/TEXAS DEST:  
ACONY2 SAPPO Y280 CHASO OR ACONY SID SAPPO Y399 CADGE - SEE MIAMI  
CENTER PREFERRED ROUTES/NOTAMS FOR AIRWAYS TO DESTINATION.  
ATLANTA/EASTERN/CENTRAL U.S. DEST:  
ACONY Y185 RENA - SEE MIAMI/JACKSONVILLE PREFERRED ROUTES/NOTAMS.  
NORTHEAST U.S./NEW YORK METRO/CANADA DEST:  
ACONY Y185 DONQU DCT LETON FOR L451 - SEE NEW YORK CENTER.  
PREFERRED ROUTES/NOTAMS: LNHOM FOR L452 - SEE NEW YORK CENTER.  
PREFERRED ROUTES/NOTAMS: LAMER FOR L453 - SEE NEW YORK CENTER.  
PREFERRED ROUTES/NOTAMS: LUCTI FOR L454 - SEE NEW YORK CENTER.  
PREFERRED ROUTES/NOTAMS  
GNSS EQUIPPED ACFT ENTERING SAN JUAN CENTERS AIRSPACE TJZS(ZSU) FM



NORTHEAST U.S./NEW YORK METRO/CANADA VIA NEW YORK OCEANIC AIRSPACE  
END PART 1 OF 3  
(21-DEC-2018 16:54 - PERM. CREATED 21-DEC-2018 17:00)

**A0042/18/TJZS**

(ZWY) DEPENDING ON THEIR DEST MUST FILE AND OR CAN EXP TO BE ROUTED  
TO ENTER TJZS AS FOLLOWS:

**DEST TIST/TISX:**

L455 - KINCH L455 JETSS TIST/TISX.  
L456 - HANCY L456 THANK JETSS TIST/TISX.  
L458 - CHEDR L458 THANK JETSS TIST/TISX.  
L459 - KEEKA L459 ODUCA JETSS TIST.  
L459 - KEEKA L459 ODUCA L460 STT TISX.

**DEST TNCM/TQPF:**

L455 - KINCH L455 LENNT SLUGO TNCM/TQPF.  
L456 - HANCY L456 THANK SLUGO TNCM/TQPF.  
L458 - CHEDR L458 THANK SLUGO TNCM/TQPF.  
L459 - KEEKA L459 ODUCA SLUGO TNCM/TQPF.  
L461 - OPAUL L461 PJM TNCM/TQPF.

**DEST TAPA:**

L455 - KINCH L455 LENNT ELOPO B520 TAPA.  
L456 - HANCY L456 THANK ELOPO B520 TAPA.

END PART 2 OF 3

(21-DEC-2018 16:54 - PERM. CREATED 21-DEC-2018 17:00)

**A0042/18/TJZS**

L458 - CHEDR L458 THANK ELOPO B520 TAPA.  
L459 - KEEKA L459 ODUCA ELOPO B520 TAPA.  
L461 - OPAUL L461 YIYYO ELOPO LAMKN TAPA.  
L462 - DAWIN L462 ANU TAPA.

END PART 3 OF 3

(21-DEC-2018 16:54 - PERM. CREATED 21-DEC-2018 17:00)

**A0017/18/TJZS**

ROUTE A555 FM COY VOR/DME, VI TO COP NOT AUTH EXC FOR ACFT  
EQUIPPED WITH SUITABLE RNAV SYSTEM OR GPS. COY VOR R-141 UNUSABLE  
BEYOND 26NM.

(19-OCT-2018 13:35 - 31-DEC-2019 23:50 EST. CREATED 19-OCT-2018 13:47)

**MIAMI/TJZS**

METRO DEST - GABAR Y280 ACONY Y308 FOWEE - SEE MIAMI  
CENTER PREFERRED ROUTES/NOTAMS FOR AIRWAYS TO DEST.

6.

**REST/TJZS**

OF FLORIDA/TEXAS DEST - GABAR Y280 CAHSO OR GABAR  
Y280 SAPPO Y399 CADGE - SEE MIAMI CENTER PREFERRED  
ROUTES/NOTAMS FOR AIRWAYS TO DEST.

7.

**ATLANTA/EASTERN/CENTRAL/TJZS**

U.S DEST - GABAR Y280 ACONY Y185  
RENAH - SEE MIAMI/JACKSONVILLE CENTER PREFERRED  
ROUTES/NOTAMS FOR AIRWAYS TO DEST.

8.

**NORTHEAST/TJZS**

U.S./NEW YORK METRO/CANADA DEST - GABAR Y280 ACONY  
Y185 DONQU DCT

LETON FOR L451 - SEE NEW YORK CENTER PREFERRED ROUTES/NOTAMS  
LNHOM FOR L452 - SEE NEW YORK CENTER PREFERRED ROUTES/NOTAMS  
LAMER FOR L453 - SEE NEW YORK CENTER PREFERRED ROUTES/NOTAMS  
LUCTI FOR L454 - SEE NEW YORK CENTER PREFERRED ROUTES/NOTAMS

FM TNCM/TQPF TO

9.

**REST/TJZS**

OF FLORIDA/TEXAS DEST - JUICE B520 STT RTE6 SJU ACONY  
Y280 CAHSO OR JUICE B520 STT RTE6 SJU ACONY Y280 SAPPO  
Y399 CADGE - SEE MIAMI CENTER PREFERRED ROUTES/NOTAMS FOR  
AIRWAYS TO DEST.

11.

**NORTHEAST/TJZS**

U.S./NEW YORK METRO/CANADA DEST - JUICE B520 STT  
RTE6 SJU ACONY Y280 ACONY Y185 DONQU DCT  
LETON FOR L451 - SEE NEW YORK CENTER PREFERRED ROUTES/NOTAMS  
LNHOM FOR L452 - SEE NEW YORK CENTER PREFERRED ROUTES/NOTAMS  
LAMER FOR L453 - SEE NEW YORK CENTER PREFERRED ROUTES/NOTAMS  
LUCTI FOR L454 - SEE NEW YORK CENTER PREFERRED ROUTES/NOTAMS  
TRNKY ODUCA FOR L459 - SEE NEW YORK CENTER PREFERRED ROUTES/NOTAMS

TIST/TISX/TUPJ TO

1.

**MIAMI/TJZS**

METRO DEST - STT RTE6 SJU ACONY Y308 FOWEE - SEE  
MIAMI CENTER PREFERRED ROUTES/NOTAMS FOR AIRWAYS TO DEST.

2.

**NORTHEAST/TJZS**

U.S./NEW YORK METRO/CANADA DEST - STT RTE6 ACONY  
Y280 ACONY Y185 DONQU DCT  
LETON FOR L451 - SEE NEW YORK CENTER PREF ROUTES/NOTAMS  
LNHOM FOR L452 - SEE NEW YORK CENTER PREF ROUTES/NOTAMS  
LAMER FOR L453 - SEE NEW YORK CENTER PREF ROUTES/NOTAMS  
LUCTI FOR L454 - SEE NEW YORK CENTER PREF ROUTES/NOTAMS

GNSS EQUIPED ACFT ENTERING SAN JUAN AIRSPACE TJZS FM MIAMI CENTERS  
AIRSPACE (KZMA) DEPENDING ON THEIR DEST MUST FILE AND/OR CAN EXP TO  
BE ROUTED TO ENTER TJZS AS FOLLOWS:

DEST TJBQ, TJMZ, TJPS

1.

**ATLANTA/EASTERN/CENTRAL/TJZS**

U.S DEST - ANADA Y294 GESSO  
Y354 DONQU Y185 RENAH - SEE MIAMI/JACKSONVILLE CENTER  
PREFERRED ROUTES/NOTAMS FOR AIRWAYS TO DEST.

3.

**HARBG/TJZS**

Y421 MEEGL DCT DEST  
DEST SAINT CROIX (TISX)

1.

**HARBG/TJZS**

Y421 MEEGL TISX  
DEST SAINT THOMAS (TIST), BEEF ISLAND (TUPJ)

1.

**FIPEK/TJZS**

Y355 KOLAO JETSS TIST

2.

**FIPEK/TJZS**

Y355 KOLAO TUPJ  
3.

**CALTO/TJZS**  
Y290 JETSS TIST  
4.

**CALTO/TJZS**  
Y290 JETSS TUPJ  
DEST SAINT MARTEEN (TNCM), CJ LLOYD (TQPF) VC BIRD (TAPA)  
1.

**FIPEK/TJZS**  
Y355 SLUGO TNCM  
2.

**CALTO/TJZS**  
Y290 SLUGO TNCM  
3.

**FIPEK/TJZS**  
Y355 SLUGO TQPF  
4.

**CALTO/TJZS**  
Y290 SLUGO TQPF  
5.

**FIPEK/TJZS**  
Y355 ELOPO B520 TAPA  
6.

**FIPEK/TJZS**  
Y355 KOLAO DANDE G633 GABAR TKPK/TKPN  
2.

**HARBG/TJZS**  
Y421 MEEGL DANDE G633 GABAR TKPK/TKPN  
OTHER EASTERN CARIBBEAN AND SOUTH AMERICAN DEST  
1.

**MIAMI/TJZS**  
METRO/FLORIDA/TEXAS DEST - ANADA L452 HARBG  
Y421 HAGIT SEE MIAMI CENTER PREFERRED ROUTES/NOTAMS FOR  
AIRWAYS TO DEST.  
2.

**FIPEK/TJZS**  
Y355 KOLAO ILURI AIRWAYS TO DEST  
3.

**FIPEK/TJZS**  
Y294 ANADA AIRWAYS TO DEST  
4.

**FIPEK/TJZS**  
Y439 ARMUR AIRWAYS TO DEST  
5.

**HARBG/TJZS**  
Y421 GEECE AIRWAYS TO DEST  
6.

**HARBG/TJZS**

Y421 MEEGL MODUX AIRWAYS TO DEST  
7.

**HARBG/TJZS**

Y421 MEEGL ILURI AIRWAYS TO DEST  
8.

**FIPEK/TJZS**

Y439 MEEGL DCT DEST  
2.

**MIAMI/TJZS**

METRO/FLORIDA/TEXAS DEST - GEECE Y421 HARBG Y421  
HAGIT SEE MIAMI CENTER PREFERRED ROUTES/NOTAMS FOR AIRWAYS  
TO DEST.

2.

**ATLANTA/EASTERN/CENTRAL/TJZS**

U.S DEST - GEECE Y421 MEEGL Y356  
DONQU Y185 RENAH OR ILURI Y185 RENAH - SEE  
MIAMI/JACKSONVILLE CENTER PREFERRED ROUTES/NOTAMS FOR  
AIRWAYS TO DEST.

3.

**NORTHEAST/TJZS**

U.S./NEW YORK METRO/CANADA DEST - GEECE Y331 FERNA  
MACOR L455 SAVIK - SEE NEW YORK CENTER PREFERRED  
ROUTES/NOTAMS.

4.

**MIAMI/TJZS**

METRO DEST - ILURI Y185 ACONY Y308 FOWEE - SEE  
MIAMI CENTER PREFERRED ROUTES/NOTAMS FOR AIRWAYS TO  
DEST.

2.

**REST/TJZS**

OF FLORIDA/TEXAS DEST - ILURI Y185 ACONY Y280 CHASO  
OR ILURI Y185 ACONY Y280 SAPPO Y399 CADGE - SEE MIAMI CENTER  
PREFERRED ROUTES/NOTAMS FOR AIRWAYS TO DEST.

3.

**ATLANTA/EASTERN/CENTRAL/TJZS**

U.S DEST - ILURI Y185 RENAH - SEE  
MIAMI/JACKSONVILLE CENTER PREFERRED ROUTES/NOTAMS FOR  
AIRWAYS TO DEST.

4.

**KZMA (MIAMI OCEANIC FIR/UIR)**

**11/900/KZMA**

ZMA AIRSPACE R2901L ACT FL310-FL400  
(09-NOV-2019 12:30 - 09-NOV-2019 12:59. CREATED 09-NOV-2019 06:32)

**11/899/KZMA**

ZMA AIRSPACE R2901K ACT FL230 UP TO BUT NOT INCLUDING FL310  
(09-NOV-2019 12:30 - 09-NOV-2019 12:59. CREATED 09-NOV-2019 06:32)

**11/898/KZMA**

ZMA AIRSPACE R2901J ACT FL180-FL180  
(09-NOV-2019 12:30 - 09-NOV-2019 12:59. CREATED 09-NOV-2019 06:32)

**11/897/KZMA**

ZMA AIRSPACE AVON EAST MOA ACT 500FT-13999FT  
(09-NOV-2019 12:30 - 09-NOV-2019 22:00. CREATED 09-NOV-2019 06:32)

**11/896/KZMA**

ZMA AIRSPACE AVON EAST HIGH MOA ACT 14000FT UP TO BUT NOT INCLUDING FL180  
(09-NOV-2019 12:30 - 09-NOV-2019 22:00. CREATED 09-NOV-2019 06:32)

**11/895/KZMA**

ZMA AIRSPACE R2901M ACT 4000FT-13999FT  
(09-NOV-2019 12:30 - 09-NOV-2019 12:59. CREATED 09-NOV-2019 06:32)

**11/894/KZMA**

ZMA AIRSPACE R2901A ACT SFC-13999FT  
(09-NOV-2019 12:30 - 09-NOV-2019 12:59. CREATED 09-NOV-2019 06:32)

**11/893/KZMA**

ZMA AIRSPACE R2901N ACT 4000FT-13999FT  
(09-NOV-2019 12:30 - 09-NOV-2019 12:59. CREATED 09-NOV-2019 06:32)

**11/892/KZMA**

ZMA AIRSPACE BASINGER MOA ACT 500FT AGL-5000FT  
(09-NOV-2019 12:30 - 09-NOV-2019 22:00. CREATED 09-NOV-2019 06:32)

**11/891/KZMA**

ZMA AIRSPACE R2901C ACT SFC-13999FT  
(09-NOV-2019 12:30 - 09-NOV-2019 12:59. CREATED 09-NOV-2019 06:32)

**11/890/KZMA**

ZMA AIRSPACE R2901B ACT 14000FT UP TO BUT NOT INCLUDING FL180  
(09-NOV-2019 12:30 - 09-NOV-2019 12:59. CREATED 09-NOV-2019 06:32)

**11/889/KZMA**

ZMA AIRSPACE R2901E ACT 1000FT-3999FT  
(09-NOV-2019 12:30 - 09-NOV-2019 22:00. CREATED 09-NOV-2019 06:32)

**11/888/KZMA**

ZMA AIRSPACE R2901G ACT SFC-4999FT  
(09-NOV-2019 12:30 - 09-NOV-2019 12:59. CREATED 09-NOV-2019 06:32)

**11/887/KZMA**

ZMA AIRSPACE R2901D ACT 500FT-3999FT  
(09-NOV-2019 12:30 - 09-NOV-2019 12:59. CREATED 09-NOV-2019 06:32)

**11/886/KZMA**

ZMA AIRSPACE R2901F ACT 4000FT-4999FT  
(09-NOV-2019 12:30 - 09-NOV-2019 12:59. CREATED 09-NOV-2019 06:32)

**11/885/KZMA**

ZMA AIRSPACE R2901I ACT 1500FT-3999FT  
(09-NOV-2019 12:30 - 09-NOV-2019 12:59. CREATED 09-NOV-2019 06:32)

**11/884/KZMA**

ZMA AIRSPACE R2901H ACT 1000FT-3999FT  
(09-NOV-2019 12:30 - 09-NOV-2019 12:59. CREATED 09-NOV-2019 06:32)

**9/1324/KZMA**

ZMA FL..AIRSPACE CAPE CANAVERAL FL..TEMPORARY FLT  
RESTRICTION. PURSUANT TO 14 CFR SECTION 91.143, FLT LIMITATION IN  
THE PROXIMITY OF SPACE FLT OPS, OPS BY FAA CERT PILOTS OR U.S. REG  
ACFT ARE PROHIBITED WI AN AREA DEFINED AS 285116N0804219W  
(OMN141034.4) TO 290730N0803000W (OMN108033.9) THEN CLOCKWISE VIA A  
30 NM ARC CENTERED AT 283703N0803647W (OMN147048.7) TO  
281330N0801600W (OMN145078.4) TO 282501N0803029W (OMN149061.9) TO  
282501N0803759W (OMN155058.8) TO 282501N0804144W (OMN157057.4) TO

283121N0804349W (OMN157050.9) TO 283801N0804701W (OMN157043.7) TO 284910N0805044W (OMN154032.2) TO 285116N0804714W (OMN148031.8) TO POINT OF ORIGIN. SFC-FL180. MIAMI / ZMA / ARTCC, TELEPHONE 305-716-1589, IS THE FAA CDN FACILITY. THIS AREA ENCOMPASSES R2932, R2933, R2934, AND PORTIONS OF W137F, W137G, W497A. ADDITIONAL WARNING AND RESTRICTED AREAS WILL BE ACT. PILOTS MUST CONSULT ALL NOTAMS REGARDING THIS OPS AND MAY CONTACT ZMA FOR CURRENT AIRSPACE STATUS.

1911121354-1911121532

(PERM. CREATED 08-NOV-2019 23:14)

**A1712/19/KZMA**

STNR ALT RESERVATION CAPE-A ATC ASSIGNED AIRSPACE FOR A ROCKET LAUNCH. MIAMI CENTER WILL NOT APPROVE IFR FLTS AND VFR SHOULD EXERCISE EXTREME CAUTION WI AN AREA DEFINED AS 2847N08050W TO 2847N08021W TO 2847N07950W TO 2825N07950W TO 2825N08030W TO 2825N08041W TO 2831N08044W TO 2838N08047W TO POINT OF ORIGIN. THIS ALT RESERVATION ENCOMPASSES PORTIONS OF R2933, R2934, AND W497A.

SFC-FL180

(12-NOV-2019 12:24 - 12-NOV-2019 15:32. CREATED 08-NOV-2019 23:12)

**A1711/19/KZMA**

EROP X0422

ATTENTION AIRLINE DISPATCHERS, SOME OPS APPEAR TO BE USING THE NOTAM BEGINNING TIME TO START FILING ROUTES AROUND THE LAUNCH OPS. LAUNCH HAZARD AREA TIMES IN THE NOTAM ARE ALT SPECIFIC AND DO NOT AFFECT ALL OPS. THIS NOTAM CONTAINS A BREAKDOWN OF THE TIMES FOR PRE-LAUNCH AND LAUNCH CLOSURES. THE FOLLOWING AIRSPACE IS IN USE FOR A MISSILE LAUNCH/SPLASH DOWN. DURING THESE TIMES KZMA ARTCC/OAC, ZJX ARTCC AND KZNY ARTCC/OAC WILL NOT APPROVE IFR FLT WI 45NM OF THE AFFECTED OCEANIC STNR AIRSPACE RESERVATIONS WEST OF 6000W, 50NM BTN 6000W AND 5500W, AND 60NM EAST OF 5500W OR WI AFFECTED WARNING AREA AIRSPACE. EFFECTIVE:

1911121224-1911121532 W497A WEST OF 80 WEST, SFC-5000FT MSL

1911121224-1911121532 CAPE ATC ASSIGNED AIRSPACE, SFC-FL180

1911121354-1911121532 R2933, 5000FT MSL-UNL

1911121354-1911121532 R2934, SFC-UNL

1911121424-1911121532 LAUNCH HAZARD AREA A WI AN AREA DEFINED AS 2837N08036W TO 2837N08038W TO 2942N07924W TO 2937N07919W TO END PART 1 OF 4

SEE TEXT

(12-NOV-2019 12:24 - 12-NOV-2019 15:32. CREATED 08-NOV-2019 23:08)

**A1711/19/KZMA**

2827N08033W TO POINT OF ORIGIN, SFC-UNL. THIS AREA ENCOMPASSES PORTIONS OF R2932, R2933, AND W497A/B.

LAUNCH HAZARD AREA B WI AN AREA DEFINED AS 3153N07654W 3240N07615W 3405N07459W 3344N07418W 3232N07447W 3145N07645W TO POINT OF ORIGIN, SFC-UNL.

LAUNCH HAZARD AREA C WI AN AREA DEFINED AS 2832N08031W TO 2838N08037W TO 3200N07700W TO 3125N07700W TO POINT OF ORIGIN, SFC-UNL. THIS AREA ENCOMPASSES HAZARD AREA A, AND PORTIONS OF R2932, R2933, AND W497A/B.

IN THE INTEREST OF SAFETY, ALL NONPARTICIPATING PILOTS ARE STRONGLY ADZ TO AVOID THE ABV AREA, EXC AS NOTED BLW FOR FLT PLAN FILING PURPOSES. ACFT ESTABLISHED ON PREAPPROVED DEFINED ROUTES MAY TRANSITION HAZARD AREA C. ACFT ON THESE ROUTES MAY NOT DEVIATE UNLESS CLEARED BY ATC. THE APPROVED ROUTES ARE: AR3, AR5, AR7, AR12, AR16, AR18, AR21, AR22, AR23, AR24, BR65V, G446, L375, L435, L451, Y291, Y299, Y307, Y309, Y319, Y323, Y436, AND Y438. FOR FURTHER GUIDANCE, SEE ATSCC ADVISORIES. THE FOLLOWING RESTRICTIONS WILL BE

END PART 2 OF 4

SEE TEXT

(12-NOV-2019 12:24 - 12-NOV-2019 15:32. CREATED 08-NOV-2019 23:08)

**A1711/19/KZMA**

IN EFFECT WI KZMA AND KZNY FIRS. ALL TFC REGARDLESS OF ALT MUST BE ESTIMATED TO CLEAR OCEANIC ALT RESERVATION (ALTRV) AT OR BEFORE 1911121419. KZNY REQUEST ACFT CERTIFIED FOR RNP 4/10 FILE ROUTES TO AVOID HAZARD AREA B BY 25NM, AND NON CERTIFIED RNP 4/10 ACFT AVOID HAZARD AREA B BY 45NM DURING THE HAZARD PERIOD 1911121424-1911121532. THE FOLLOWING ROUTES WILL BE IMPACTED: AR-6, AR-15, AR-17, AR-19, L375(NON-RNP4/10 ONLY), L435(NON-RNP4/10 ONLY), L451(NON-RNP4/10 ONLY), L452(NON-RNP4/10 ONLY), M326, Q89, Y185, Y493, Y494 AND Y588. HIBAC TRANS SHIFTY STAR CLSD. FOR FLTS FILED OVER OMN ON THE FOLLOWING STARS: FISEL/GISSH/FRWAY/CAYSL EXP A REROUTE VIA OMN J79 TRV AND TRV TRANSITION. REROUTES FOR AFFECTED "AR" ROUTES WILL BE CONTAINED IN FAA ATC COMMAND CENTER ADVISORY. BECAUSE OF THE INDEFINITE OPENING TIME, SOME AIRLINE OPS ARE REROUTING FLTS UNNECESSARILY. EXCEPTING THE KZNY REQUEST ABV, ALL FLTS WITH ROUTES THAT WOULD NORMALLY TRANSIT THROUGH OCEANIC OPS AREAS DURING OPS WINDOW 1911121424-1911121532 SHOULD FILE THEIR NORMAL ROUTE BUT PLAN ON RECEIVING REROUTE FM ATC. KZMA WILL REROUTE

END PART 3 OF 4  
SEE TEXT

(12-NOV-2019 12:24 - 12-NOV-2019 15:32. CREATED 08-NOV-2019 23:08)

**11/871/KZMA**

ZMA AIRSPACE R2901A ACT SFC-5000FT

(09-NOV-2019 05:00 - 09-NOV-2019 12:30. CREATED 08-NOV-2019 23:02)

**A1709/19/KZMA**

AIRMEN ARE ADZ THE FOLLOWING AREA ACTIVE FOR GUNEX, LASEX, IR-BREAKLOCK, SMOKEY SAM LAUNCHES, CHAFF AND FLARE FIRINGS. WI AN AREA DEFINED AS 2405N07728W TO 2405N07713W TO 2355N07708W TO 2355N07700W TO 2350N07658W TO 2350N07723W TO POINT OF ORIGIN. THIS AREA LIES SOUTH OF NASSAU, AND SOUTHEAST OF CONGO TOWN, FRESH CREEK AND CLR BAIN AP.  
SFC-3000FT

(09-NOV-2019 18:00 - 09-NOV-2019 23:59. CREATED 08-NOV-2019 21:53)

**11/032/KZMA**

ZMA AIRSPACE A MIL MISSILE LAUNCH WILL BE CONDUCTED IN THE GULF OF MEXICO SCHEDULED AS FOLLOWS:  
EWTA 2A WI AN AREA DEFINED AS 283019N0864800W TO 281610N0860000W TO 280143N0851213W TO 280223N0850000W TO 280332N0844045W TO 274300N0844045W TO 281200N0864800W TO THE POINT OF THE BEGINNING.  
EWTA 2B NORTH WI AN AREA DEFINED AS 280330N0844045W TO 280500N0841500W TO 280500N0833100W TO 273400N0833100W TO 273741N0844045W TO THE POINT OF THE BEGINNING.  
SFC-FL700

1911141330-1911141730

(PERM. CREATED 08-NOV-2019 21:52)

**A1708/19/KZMA**

AIRMEN ARE ADZ THE FOLLOWING AREA ACTIVE FOR GUNEX, LASEX, IR-BREAKLOCK, SMOKEY SAM LAUNCHES, CHAFF AND FLARE FIRINGS. WI AN AREA DEFINED AS 2436N07724W TO 2422N07718W TO 2414N07718W TO 2414N07732W TO 2430N07738W TO 2436N07738W TO POINT OF ORIGIN. THIS AREA LIES BTN 15NM AND 50NM SOUTH OF NASSAU, AND EAST OF CONGO TOWN, FRESH CREEK AND CLR BAIN AP.  
SFC-10000FT

(16-NOV-2019 16:00 - 16-NOV-2019 22:00. CREATED 08-NOV-2019 20:39)

**A1707/19/KZMA**

AVON HI COMPLEX ACT. MIAMI CENTER WILL NOT APPROVE IFR FLTS WI AN AREA DEFINED AS 2800N08121W TO 2800N08114W TO 2744N08108W TO

2734N08104W TO 2721N08100W TO 2716N08106W TO 2724N08111W TO  
2730N08118W TO 2732N08122W TO 2742N08125W TO 2744N08125W TO  
2755N08125W TO POINT OF ORIGIN. AIRSPACE IS ABOVE THE WESTERN HALF  
OF BASINGER MOA (LINE BISECTING NE TO SW), R2901A/B/C/D/E/F/G/H/I/J  
/K/L/M/N, AVON EAST MOA AND NORTH OF AVON EAST MOA. VFR FLTS ARE  
ENCOURAGED TO EXERCISE EXTREME CAUTION.

SFC-FL180

(09-NOV-2019 12:30 - 09-NOV-2019 22:00. CREATED 08-NOV-2019 20:33)

**A1706/19/KZMA**

EROP X0422

ATTENTION AIRLINE DISPATCHERS, SOME OPS APPEAR TO BE USING THE NOTAM  
BEGINNING TIME TO START FILING ROUTES AROUND THE LAUNCH OP. LAUNCH  
HAZARD AREA TIMES IN THE NOTAM ARE ALT SPECIFIC AND DO NOT AFFECT  
ALL OPS. THIS NOTAM CONTAINS A BREAKDOWN OF THE TIMES FOR PRE-LAUNCH  
AND LAUNCH CLOSURES. THE FOLLOWING AIRSPACE IS IN USE FOR A MISSILE  
LAUNCH/SPLASH DOWN. DURING THESE TIMES KZMA ARTCC/OAC, ZJX ARTCC AND  
KZNY ARTCC/OAC WILL NOT APPROVE IFR FLT WI 45NM OF THE AFFECTED  
OCEANIC STNR AIRSPACE RESERVATIONS WEST OF 6000W, 50NM BTN 6000W AND  
5500W, AND 60NM EAST OF 5500W OR WI AFFECTED WARNING AREA AIRSPACE.

EFFECTIVE:

1911111246-1911111554 W497A WEST OF 80 WEST, SFC-5000FT MSL

1911111246-1911111554 CAPE ATC ASSIGNED AIRSPACE, SFC-FL180

1911111416-1911111554 R2933, 5000FT MSL-UNL

1911111416-1911111554 R2934, SFC-UNL

1911111446-1911111554 LAUNCH HAZARD AREA A WI AN AREA DEFINED  
AS 2837N08036W TO 2837N08038W TO 2942N07924W TO 2937N07919W TO  
END PART 1 OF 4

SEE TEXT

(11-NOV-2019 12:46 - 11-NOV-2019 15:54. CREATED 08-NOV-2019 20:28)

**A1706/19/KZMA**

2827N08033W TO POINT OF ORIGIN, SFC-UNL. THIS AREA ENCOMPASSES  
PORTIONS OF R2932, R2933, AND W497A/B. LAUNCH HAZARD AREA B WI AN  
AREA DEFINED AS 3153N07654W 3240N07615W 3405N07459W 3344N07418W  
3232N07447W 3145N07645W TO POINT OF ORIGIN, SFC-UNL. LAUNCH HAZARD  
AREA C WI AN AREA DEFINED AS 2832N08031W TO 2838N08037W TO  
3200N07700W TO 3125N07700W TO POINT OF ORIGIN, SFC-UNL. THIS AREA  
ENCOMPASSES HAZARD AREA A, AND PORTIONS OF R2932, R2933, AND  
W497A/B. IN THE INTEREST OF SAFETY, ALL NONPARTICIPATING PILOTS ARE  
STRONGLY ADVISED TO AVOID THE ABV AREA, EXC AS NOTED BLW FOR FLT  
PLAN FILING PURPOSES. ACFT ESTABLISHED ON PREAPPROVED DEFINED ROUTES  
MAY TRANSITION HAZARD AREA C. ACFT ON THESE ROUTES MAY NOT DEVIATE  
UNLESS CLEARED BY ATC. THE APPROVED ROUTES ARE: AR3, AR5, AR7, AR12,  
AR16, AR18, AR21, AR22, AR23, AR24, BR65V, G446, L375, L435, L451,  
Y291, Y299, Y307, Y309, Y319, Y323, Y436, AND Y438. FOR FURTHER  
GUIDANCE, SEE ATCCS ADVISORIES. THE FOLLOWING RESTRICTIONS WILL BE  
IN EFFECT WI KZMA AND KZNY FIRS. ALL TRAFFIC REGARDLESS OF ALT MUST  
BE ESTIMATED TO CLEAR OCEANIC ALTRV AT OR BEFORE 1911111441. KZNY  
END PART 2 OF 4

SEE TEXT

(11-NOV-2019 12:46 - 11-NOV-2019 15:54. CREATED 08-NOV-2019 20:28)

**A1705/19/KZMA**

LAKE PLACID MOA ACT. MIAMI CENTER WILL NOT APPROVE IFR FLT AND  
VFR FLTS ARE ENCOURAGED TO EXERCISE EXTREME CAUTION WI AN AREA  
DEFINED AS 2735N08142W TO 2755N08125W TO 2742N08125W TO 2732N08121W  
TO 2730N08117W TO 2724N08110W TO 2715N08104W TO 2704N08116W TO  
2704N08128W TO POINT OF ORIGIN.

7000FT-FL400

(12-NOV-2019 19:00 - 12-NOV-2019 20:00. CREATED 08-NOV-2019 20:26)

**A1704/19/KZMA**

AVON HI COMPLEX ACT. MIAMI CENTER WILL NOT APPROVE IFR FLTS WI AN



AREA DEFINED AS 2800N08121W TO 2800N08114W TO 2744N08108W TO 2734N08104W TO 2721N08100W TO 2716N08106W TO 2724N08111W TO 2730N08118W TO 2732N08122W TO 2742N08125W TO 2744N08125W TO 2755N08125W TO POINT OF ORIGIN. AIRSPACE IS ABOVE THE WESTERN HALF OF BASINGER MOA (LINE BISECTING NE TO SW), R2901A/B/C/D/E/F/G/H/I/J /K/L/M/N, AVON EAST MOA AND NORTH OF AVON EAST MOA. VFR FLTS ARE ENCOURAGED TO EXERCISE EXTREME CAUTION.

SFC-FL400

(12-NOV-2019 19:00 - 12-NOV-2019 20:00. CREATED 08-NOV-2019 20:25)

**9/1054/KZMA**

ZMA FL..AIRSPACE CAPE CANAVERAL FL..TEMPORARY FLT RESTRICTION. PURSUANT TO 14 CFR SECTION 91.143, FLT LIMITATION IN THE PROXIMITY OF SPACE FLT OPS, OPS BY FAA CERT PILOTS OR U.S.REG ACFT ARE PROHIBITED WI AN AREA DEFINED AS 285116N0804219W (OMN141034.4) TO 290730N0803000W (OMN108033.9) THEN CLOCKWISE VIA A 30 NM ARC CENTERED AT 283703N0803647W (OMN147048.7) TO 281330N0801600W (OMN145078.4) TO 282501N0803029W (OMN149061.9) TO 282501N0803759W (OMN155058.8) TO 282501N0804144W (OMN157057.4) TO 283121N0804349W (OMN157050.9) TO 283801N0804701W (OMN157043.7) TO 284910N0805044W (OMN154032.2) TO 285116N0804714W (OMN148031.8) TO POINT OF ORIGIN. SFC-FL180. MIAMI / ZMA / ARTCC, PHONE 305-716-1589, IS THE FAA COORDINATION FACILITY. THIS AREA ENCOMPASSES R2932, R2933, R2934, AND PORTIONS OF W137F, W137G, W497A. ADDITIONAL WARNING AND RESTRICTED AREAS WILL BE ACT. PILOTS MUST CONSULT ALL NOTAMS REGARDING THIS OP AND MAY CONTACT ZMA FOR CURRENT AIRSPACE STATUS.

1911111416-1911111554

(PERM. CREATED 08-NOV-2019 16:36)

**A1701/19/KZMA**

STNR ALT RESERVATION CAPE-A ATC ASSIGNED AIRSPACE FOR A ROCKET LAUNCH. MIAMI CENTER WILL NOT APPROVE IFR FLIGHTS AND VFR SHOULD EXERCISE EXTREME CAUTION WI AN AREA DEFINED AS 2847N08050W TO 2847N08021W TO 2847N07950W TO 2825N07950W TO 2825N08030W TO 2825N08041W TO 2831N08044W TO 2838N08047W TO POINT OF ORIGIN. THIS ALT RESERVATION ENCOMPASSES PORTIONS OF R2933, R2934, AND W497A.

SFC-FL180

(11-NOV-2019 12:46 - 11-NOV-2019 15:54. CREATED 08-NOV-2019 16:35)

**11/029/KZMA**

ZMA AIRSPACE A MIL MISSILE LAUNCH WILL BE CONDUCTED IN THE GULF OF MEXICO SCHEDULED AS FOLLOWS:  
EWT A 2A WI AN AREA DEFINED AS 283019N0864800W TO 281610N0860000W TO 280143N0851213W TO 280223N0850000W TO 280332N0844045W TO 274300N0844045W TO 281200N0864800W TO THE POINT OF THE BEGINNING.  
EWT A 2B NORTH WI AN AREA DEFINED AS 280330N0844045W TO 280500N0841500W TO 280500N0833100W TO 273400N0833100W TO 273741N0844045W TO THE POINT OF THE BEGINNING.

SFC-FL700

1911131400-1911131800

(PERM. CREATED 08-NOV-2019 00:45)

**11/023/KZMA**

ZMA AIRSPACE A MIL MISSILE LAUNCH WILL BE CONDUCTED IN THE GULF OF MEXICO SCHEDULED AS FOLLOWS:  
EWT A 2A WI AN AREA DEFINED AS 283019N0864800W TO 281610N0860000W TO 280143N0851213W TO 280223N0850000W TO 280332N0844045W TO 274300N0844045W TO 281200N0864800W TO THE POINT OF THE BEGINNING.  
EWT A 2B NORTH WI AN AREA DEFINED AS 280330N0844045W TO 280500N0841500W TO 280500N0833100W TO 273400N0833100W TO 273741N0844045W TO THE POINT OF THE BEGINNING.

SFC-FL700

1911121430-1911121830  
(PERM. CREATED 06-NOV-2019 21:36)

**A1688/19/KZMA**

STNR ALT RESERVATION CAPE A ATCAA FOR  
ACFT OPS. MIAMI ARTCC WILL NOT APPROVE IFR FLIGHTS AND  
VFR SHOULD EXERCISE EXTREME CAUTION WI AN AREA DEFINED AS  
2838N8047W TO 2847N8021W TO 2847N7950W TO 2825N7950W TO 2825N8030W TO  
2825N8041W TO 2831N8044W TO 2838N8047W TO POINT OF ORIGIN. THIS ALTRV  
ENCOMPASSES R2933 AND PORTIONS OF R2934 AND W497A.  
SFC-FL280  
DLY 1630-1730  
(26-NOV-2019 16:30 - 27-NOV-2019 17:30. CREATED 05-NOV-2019 15:28)

**A1664/19/KZMA**

AIRMEN ARE ADVISED THE FOLLOWING AREA ACTIVE FOR GUNEX, LASEX,  
IR-BREAKLOCK, SMOKEY SAM LAUNCHES, CHAFF AND FLARE FIRINGS. WI  
AN AREA DEFINED AS 2436N07724W TO 2422N07718W TO 2414N07718W TO  
2414N07732W TO 2430N07738W TO 2436N07738W TO POINT OF ORIGIN.  
THIS AREA LIES BTN 15NM AND 50NM SOUTH OF NASSAU, AND EAST OF  
CONGO TOWN, FRESH CREEK AND CLARENCE BAIN AIRPORTS.  
SFC-10000FT  
DLY 1500-2200  
(24-NOV-2019 15:00 - 25-NOV-2019 15:00. CREATED 28-OCT-2019 13:32)

**A1663/19/KZMA**

AIRMEN ARE ADVISED THE FOLLOWING AREA ACTIVE FOR GUNEX, LASEX,  
IR-BREAKLOCK, SMOKEY SAM LAUNCHES, CHAFF AND FLARE FIRINGS. WI  
AN AREA DEFINED AS 2436N07724W TO 2422N07718W TO 2414N07718W TO  
2414N07732W TO 2430N07738W TO 2436N07738W TO POINT OF ORIGIN.  
THIS AREA LIES BTN 15NM AND 50NM SOUTH OF NASSAU, AND EAST OF  
CONGO TOWN, FRESH CREEK AND CLARENCE BAIN AIRPORTS.  
SFC-10000FT  
DLY 1500-2200  
(18-NOV-2019 15:00 - 22-NOV-2019 22:00. CREATED 28-OCT-2019 13:31)

**A1662/19/KZMA**

AIRMEN ARE ADVISED THE FOLLOWING AREA ACTIVE FOR GUNEX, LASEX,  
IR-BREAKLOCK, SMOKEY SAM LAUNCHES, CHAFF AND FLARE FIRINGS. WI  
AN AREA DEFINED AS 2436N07724W TO 2422N07718W TO 2414N07718W TO  
2414N07732W TO 2430N07738W TO 2436N07738W TO POINT OF ORIGIN.  
THIS AREA LIES BTN 15NM AND 50NM SOUTH OF NASSAU, AND EAST OF  
CONGO TOWN, FRESH CREEK AND CLARENCE BAIN AIRPORTS.  
SFC-10000FT  
(13-NOV-2019 11:00 - 16-NOV-2019 07:00. CREATED 28-OCT-2019 13:24)

**A1661/19/KZMA**

AIRMEN ARE ADVISED THE FOLLOWING AREA ACTIVE FOR GUNEX, LASEX,  
IR-BREAKLOCK, SMOKEY SAM LAUNCHES, CHAFF AND FLARE FIRINGS. WI  
AN AREA DEFINED AS 2436N07724W TO 2422N07718W TO 2414N07718W TO  
2414N07732W TO 2430N07738W TO 2436N07738W TO POINT OF ORIGIN.  
THIS AREA LIES BTN 15NM AND 50NM SOUTH OF NASSAU, AND EAST OF  
CONGO TOWN, FRESH CREEK AND CLARENCE BAIN AIRPORTS.  
SFC-3000FT  
(09-NOV-2019 18:00 - 09-NOV-2019 23:59. CREATED 28-OCT-2019 13:21)

**A1394/19/KZMA**

HURRICANE DORIAN RECOVERY ROUTES

THE FOLLOWING RTES WILL BE IN EFFECT FOR THE IMPACTED AIRPORTS.

- FLORIDA DEPARTURES TO MYAT:

AIRCRAFT ARE EXPECTED TO CANCEL 30 MILES PRIOR TO MYAT OR DESCENT

BELOW 7000FT DUE TO POOR RADAR AND FREQUENCY COVERAGE.

KFXE/KFLL - PREDA ZFP BR10L FLINY

FLL DEPARTING JETS WILL BE ISSUED PREDA4 DEPARTURE, PREDA TRANSITION.

ALL OTHERS WILL BE ISSUED FLL6 DEPARTURE, PREDA TRANSITION.

KMIA/KOPF/KTMB: - PADUS ZFP BR10L FLINY.  
KPBI/KBCT/F45: - TURPS HALBI ZFP BR10L FLINY.

PBI DEPARTING JETS WILL BE ISSUED MIXAE2 DEPARTURE, HALBI TRANSITION.

KVRB/KSUA/KFPR: - DALOO SWOMP ZFP BR10L FLINY  
TPA APCH: - JAKEL ZFP BR10L FLINY  
RSW APCH: - PHK PBI BR63V HALBI ZFP BR10L FLINY

END PART 1 OF 4

(08-SEP-2019 20:00 - 04-DEC-2019 23:59. CREATED 08-SEP-2019 19:24)

**A1394/19/KZMA**

HURRICANE DORIAN RECOVERY ROUTES.

THE FOLLOWING RTES WILL BE IN EFFECT FOR THE IMPACTED AIRPORTS.

- FLORIDA DEPARTURES TO MYAM:

AIRCRAFT ARE EXPECTED TO CANCEL 30 MILES PRIOR TO MYAM OR DESCENT BELOW 7000FT DUE TO POOR RADAR AND FREQUENCY COVERAGE.

KFXE/KFLL: PREDA ZFP BR70V GRREG.

FLL DEPARTING JETS WILL BE ISSUED PREDA4 DEPARTURE, PREDA TRANSITION.

ALL OTHERS WILL BE ISSUED FLL6 DEPARTURE, PREDA TRANSITION.

KMIA/KOPF/KTMB: - PADUS ZFP BR70V GRREG.  
KPBI/KBCT/KF45: - TURPS HALBI ZFP BR70V GRREG.

PBI DEPARTING JETS WILL BE ISSUED MIXAE TWO DEPARTURE, HALBI TRANSITION.

KVRB/KSUA/KFPR: - DALOO SWOMP ZFP BR70V GRREG.  
TPA APCH: - JAKEL ZFP BR70V GRREG.  
RSW APCH: - PHK PBI BR63V HALBI ZFP BR70V GRREG.

END PART 2 OF 4

(08-SEP-2019 20:00 - 04-DEC-2019 23:59. CREATED 08-SEP-2019 19:24)

**A1394/19/KZMA**

HURRICANE DORIAN RECOVERY ROUTES

THE FOLLOWING RTES WILL BE IN EFFECT FOR THE IMPACTED AIRPORTS.

- FLORIDA DEPARTURES TO MYAS:

AIRCRAFT ARE EXPECTED TO CANCEL 30 MILES PRIOR TO MYAS OR DESCENT BELOW 8000FT DUE TO POOR RADAR AND FREQUENCY COVERAGE.

KFXE/KFLL: - PREDA 2623N/7749W MYAS.

FLL DEPARTING JETS WILL BE ISSUED PREDA4 DEPARTURE, PREDA TRANSITION.

ALL OTHERS WILL BE ISSUED FLL6 DEPARTURE, PREDA TRANSITION.

KMIA/KOPF/KTMB - PADUS 2623N/7749W MYAS.  
KPBI/KBCT/KF45 - TURPS HALBI ZFP 2623N/7749W MYAS.

PBI DEPARTING JETS WILL BE ISSUED MIXAE2 DEPARTURE, HALBI TRANSITION.

KVRB/KSUA/KFPR - DALOO SWOMP ZFP 2623N/7749W MYAS.  
TPA APCH - JAKEL ZFP 2623N/7749W MYAS.  
RSW APCH - PHK PBI BR63V HALBI ZFP 2623N/7749W MYAS.

END PART 3 OF 4

(08-SEP-2019 20:00 - 04-DEC-2019 23:59. CREATED 08-SEP-2019 19:24)

**A1158/19/KZMA**

APF/MKY DEPARTURE AIRCRAFT FILING FLIGHT PLANS FOR  
DESTINATIONS WEST OF ATL THAT ARE EQUIPPED WITH ADVANCED NAVIGATION  
CAPABILITIES REQUESTING AT OR ABOVE FL270 ARE STRONGLY ENCOURAGED TO  
FILE DIRECT MOOKY DIRECT HILTI THEN DIRECT POINTS NORTH.  
FL270-UNL  
(26-JUL-2019 13:29 - PERM. CREATED 26-JUL-2019 13:33)

**A0724/19/KZMA**

MAIMI CENTER NO LONGER REQUIRES A 10MIN CALL PRIOR TO XNG  
THE MIAMI FIR BOUNDARY EXC FOR NB TFC OVER THE  
FOLLOWING LOCATIONS:  
NB ACFT FM SANTO DOMINGO FIR OVER SEKAR LERED  
POKEGUSE ASIVO USE 126.45. OVER MALVN USE 123.77

NB ACFT FM PORT-AU-PRINCE FIR USE 123.77.

NBD ACFT FM CUBA FIR OVERFLYING DYNAH AT OR ABV FL240 AND ALL ACFT  
OVERFLYING ENAMO AND ERRCA USE 127.22. ACFT FM CUBA FIR OVER  
GHANN, OVALU OR BYGON USE 123.77.

ALL THESE ACFT SHALL CALL MIAMI /ZMA/ ARTCC 10MIN PRIOR TO XNG THE  
MIAMI CTA/FIR BDRY DUE TO HVY AIR TFC CONGESTION.

SFC-UNL

(30-APR-2019 18:30 - PERM. CREATED 30-APR-2019 18:34)

**9/1394/KZMA**

ZMA FL..ROUTE ZMA.  
V35 DEEDS INT, FL TO CURVE, FL NA EXCEPT FOR AIRCRAFT EQUIPPED WITH  
SUITABLE RNAV SYSTEM WITH GPS.  
CYY VOR/DME UNUSABLE BETWEEN DEEDS AND CURVE.  
1904121450-2104121450EST  
(PERM. CREATED 12-APR-2019 14:51)

**9/0909/KZMA**

ZMA FL..ROUTE ZMA.  
V3 FORT LAUDERDALE (FLL) VOR/DME, FL TO PALM BEACH (PBI) VORTAC, FL  
USE FLL R-013.  
PBI VORTAC R-190 UNUSABLE BEYOND 13 NM.  
(22-MAR-2019 15:53 - 22-MAR-2021 15:53 EST. CREATED 22-MAR-2019 15:54)

**9/0907/KZMA**

ZMA FL..ROUTE ZMA.  
V437 SUBER, FL TO HOTAR, FL MEA 8000.  
1903221548-2103221548EST  
(PERM. CREATED 22-MAR-2019 15:49)

**9/6279/KZMA**

ZMA FL..ROUTE ZMA.  
V531 SHEDS, FL TO BAIRN, FL MEA 8000.  
1902201950-2102201950EST  
(PERM. CREATED 20-FEB-2019 19:50)

**9/8258/KZMA**

ZMA FL..ROUTE ZMA.  
V225 LA BELLE (LBV) VORTAC, FL TO DIDDY, FL MOCA 1600.  
1901301348-2101301348EST  
(PERM. CREATED 30-JAN-2019 13:48)

**9/8037/KZMA**

ZMA FL..ROUTE ZMA.  
V35 DEEDS, FL TO LEE COUNTY (RSW) VORTAC, FL MEA 4000.

1901292040-2101292040EST  
(PERM. CREATED 29-JAN-2019 20:41)

**12/021/KZMA**

ZMA AIRSPACE PARASAILING WI AN AREA DEFINED AS 2NM EITHER SIDE OF A LINE FM  
EYW074050.5 TO EYW074052.5 SFC-300FT AGL DLY SR-SS  
(03-DEC-2018 19:52 - 30-NOV-2019 22:35. CREATED 03-DEC-2018 19:52)

**12/019/KZMA**

ZMA AIRSPACE UAS WI AN AREA DEFINED AS 3.5NM RADIUS OF PHK041022.4 (2NM NE  
X58) SFC-300FT AGL  
(03-DEC-2018 14:06 - 03-DEC-2019 23:59. CREATED 03-DEC-2018 14:06)

**A1690/18/KZMA**

DUE TO FLORIDA METROPLEX Q AND Y ROUTE IMPLEMENTATION GNSS  
EQUIPPED  
ACFT 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/VRB/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/VRB/FPR/F45  
VIA - SMELZ JOKKY -  
END PART 1 OF 2  
(20-NOV-2018 17:30 - 19-NOV-2019 17:00. CREATED 20-NOV-2018 17:32)

**A1648/18/KZMA**

GNSS EQUIPPED ACFT ENTERING MIAMI CENTER AIRSPACE (ZMA) FM  
NEW YORK OCEANIC AIRSPACE (ZNY) 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

END PART 1 OF 2

(09-NOV-2018 22:00 - 09-NOV-2019 20:00. CREATED 09-NOV-2018 22:29)

**L454/KZMA**

- LUCTI L454 MNDEZ FIPEK Y355 KOLAO JETSS  
(PERM. CREATED 09-NOV-2018 22:29)

**8/3881/KZMA**

ZMA 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  
1811091500-PERM  
(PERM. CREATED 09-NOV-2018 15:01)

**4/5104/KZMA**

ZMA 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.  
1410291740-PERM  
(PERM. CREATED 29-OCT-2014 17:50)

**(NON-RNP4/10/KZMA**

ONLY) GALVN NETSS M325 OXANA  
M202

**L453/KZMA**

- LAMER L453 RODRK FIPEK Y355 KOLAO JETSS

**(NON-RNP4/10/KZMA**

ONLY) ILIDO TROUT Y438 CARPX AR3 OLDEY  
L452

**CLSD./KZMA**

REROUTE INLAND OR VEGAA LSIER M203 LEXUM THEN TROUT AR5  
BAHAA OR M203 SNAGY  
Y494

**A1706/19/KZMA**

NOTAMN Q) KZMA/QWMLW/IV/NBO/W/000/999/ A) KZMA PART 4 OF 4 B) 1911111246 C) 1911111554 D) SEE TEXT E) L375  
SEE TEXT  
(11-NOV-2019 12:46 - 11-NOV-2019 15:54. )

**CLSD./KZMA**

REROUTE INLAND OR VEGAA LSIER M203 LEXUM THEN TROUT  
AR5 BAHAA OR M203 SNAGY  
Y494

**A1394/19/KZMA**

NOTAMN Q) KZMA/QCEAC////000/999/ A) KZMA PART 4 OF 4 B) 1909082000 C) 1912042359 E) HURRICANE DORIAN RECOVERY ROUTES

THE FOLLOWING RTES WILL BE IN EFFECT FOR THE IMPACTED AIRPORTS.

FLORIDA DEPARTUES TO MYGF.

AIRCRAFT ARE EXPECTED TO CANCEL 30 MILES PRIOR TO ZFP OR DESCENT BELOW 7000FT DUE TO ZFP APCH NOT ACCEPTING TRAFFIC SEE (FDC 9/5109).

KFXE/KFLL  
(08-SEP-2019 20:00 - 04-DEC-2019 23:59. )

**-/KZMA**

PREDA ZFP

FLL DEPARTING JETS WILL BE ISSUED PREDA4 DEPARTURE, PREDA TRANSITION.

ALL OTHERS WILL BE ISSUED FLL6 DEPARTURE, PREDA TRANSITION.

KMIA/KOPF/KTMB - PADUS ZFP

KMIA DEPARTING JETS WILL BE ISSUED PADUS TWO DEPARTURE, PADUS TRANSITION.

ALL OTHERS WILL BE ISSUED MIA6 DEPARTURE, PADUS TRANSITION.

KPBI/KBCT/KF45 - TURPS BR63V HALBI ZFP

KPBI DEPARTING JETS WILL BE ISSUED MIXAE TWO DEPARTURE, HALBI TRANSITION.

KRSW APCH

**A1706/19/KZMA**

NOTAMN Q) KZMA/QWMLW/IV/NBO/W/000/999/ A) KZMA PART 3 OF 4 B) 191111246 C) 1911111554 D) SEE TEXT E) REQUEST ACFT CERTIFIED FOR RNP 4/10 FILE ROUTES TO AVOID HAZARD AREA

B BY 25NM, AND NON CRTFY RNP 4/10 ACFT AVOID HAZARD AREA B BY 45NM DURING THE HAZARD PERIOD 191111446-191111554. THE FOLLOWING ROUTES WILL BE IMPACTED: AR-6, AR-15, AR-17, AR-19, L375(NON- RNP4/10 ONLY), L435(NON- RNP4/10 ONLY), L451(NON- RNP4/10 ONLY), L452(NON- RNP4/10 ONLY), M326, Q89, Y185, Y493, Y494 AND Y588. HIBAC TRANS SHIFTY STAR CLSD. FOR FLTS FILED OVER OMN ON THE FOLLOWING STARS: FISEL/GISSH/FRWAY/CAYSL EXPECT A REROUTE VIA OMN J79 TRV AND TRV TRANSITION. REROUTES FOR AFFECTED "AR" ROUTES WILL BE CONTAINED IN FAA ATC COMMAND CENTER ADVISORY. BECAUSE OF THE INDEFINITE OPENING TIME, SOME AIRLINE OPS ARE REROUTING FLTS UNNECESSARILY. EXCEPTING THE KZNY REQUEST ABV, ALL FLTS WITH ROUTES THAT WOULD NORMALLY TRANSIT THROUGH OCEANIC OP AREAS DURING OP WINDOW 191111446-191111554 SHOULD FILE THEIR NORMAL ROUTE BUT PLAN ON RECEIVING REROUTE FM ATC. KZMA WILL REROUTE ONLY THOSE FLTS NECESSARY TO CLEAR THE AFFECTED AREAS WHILE IN USE. EXPECT THE FOLLOWING INTL REROUTES:

AR6/15

SEE TEXT

(11-NOV-2019 12:46 - 11-NOV-2019 15:54. )

**A1690/18/KZMA**

NOTAMN Q) KZMA/QXXXX/////180/999/ A) KZMA PART 2 OF 2 B) 1811201730 C) 1911191700 E) DEPARTING TPA/PIE VIA - LACEN AMORY DAWWN -

DEPARTING SRQ/VNC VIA - MOMIE AMORY DAWWN -

DEPARTING APF/MKY/RSW/FMY VIA - LAL AMORY JOKKY -

DEPARTING EYW VIA - KARTR FEMID Q118 SHEEK SMELZ JOKKY Q110 -

DEPARTING MTH VIA - FEMID Q118 SHEEK SMELZ JOKKY Q110 -

TO THE WEST (OVERLAND)

DEPARTING MIA/OPF/TMB/HWO/07FA/FLL/FXE/PMP/BCT/PBI/SUA/VRB/FPR/F45

VIA - SMELZ PATOY MICES Q116 -

DEPARTING TPA/PIE VIA

(20-NOV-2018 17:30 - 19-NOV-2019 17:00. )

**(NON-RNP4/10/KZMA**

ONLY) GALVN TROUT Y438 CARPX AR3 OLDEY  
L435

**CLSD/KZMA**

AT 1911121354  
L375  
(12-NOV-2019 13:54 - PERM. )

**A1648/18/KZMA**

NOTAMN Q) KZMA/QCEAC////000/999/ A) KZMA PART 2 OF 2 B) 1811092200 C)  
1911092000 E) 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  
(09-NOV-2018 22:00 - 09-NOV-2019 20:00. )

**L452/KZMA**

- LNHOM L452 SLUKA FIPEK Y355 KOLAO JETSS

**-/KZMA**

LACEN PATOY JAWJA -

**ADOOR/KZMA**

M203 LEXIM OMALA M202  
M326

**A1711/19/KZMA**

NOTAMN Q) KZMA/QWMLW/IV/NBO/W/000/999/ A) KZMA PART 4 OF 4 B) 1911121224 C)  
1911121532 D) SEE TEXT E) ONLY THOSE FLTS NECESSARY TO CLEAR THE AFFECTED  
AREAS WHILE IN USE.

EXP THE FOLLOWING INTL REROUTES:

AR6/15

SEE TEXT

(12-NOV-2019 12:24 - 12-NOV-2019 15:32. )

**(NON-RNP4/10/KZMA**

ONLY) ADUCI Y307 CARPX AR5 TROUT LEXIM M326  
Y493

**(RNP4/10/KZMA**

ONLY) JAINS 3055N07634 LEXUM M326

**(NON-RNP4/10/KZMA**

ONLY) GALVN TROUT Y438 CARPX AR3 OLDEY  
L451



**KZJX (JACKSONVILLE FIR)**

**11/903/KZJX**

ZJX AIRSPACE R3005C ACT SFC-FL290  
(10-NOV-2019 08:01 - 10-NOV-2019 10:59. CREATED 09-NOV-2019 08:02)

**11/901/KZJX**

ZJX AIRSPACE W151A ACT SFC-5000FT  
(10-NOV-2019 07:31 - 10-NOV-2019 17:59. CREATED 09-NOV-2019 07:32)

**11/883/KZJX**

ZJX AIRSPACE R3005A ACT SFC-FL290  
(10-NOV-2019 05:01 - 10-NOV-2019 10:59. CREATED 09-NOV-2019 05:02)

**11/882/KZJX**

ZJX AIRSPACE R3005B ACT SFC-FL290  
(10-NOV-2019 05:01 - 10-NOV-2019 10:59. CREATED 09-NOV-2019 05:02)

**11/881/KZJX**

ZJX AIRSPACE R3005D ACT SFC-FL290  
(10-NOV-2019 05:01 - 10-NOV-2019 10:59. CREATED 09-NOV-2019 05:02)

**11/879/KZJX**

ZJX AIRSPACE R3005E ACT SFC-FL290  
(10-NOV-2019 05:01 - 10-NOV-2019 10:59. CREATED 09-NOV-2019 05:02)

**9/1325/KZJX**

ZJX FL..AIRSPACE CAPE CANAVERAL FL..TEMPORARY FLT  
RESTRICTION. PURSUANT TO 14 CFR SECTION 91.143, FLT LIMITATION IN  
THE PROXIMITY OF SPACE FLT OPS, OPS BY FAA CERT PILOTS OR U.S. REG  
ACFT ARE PROHIBITED WI AN AREA DEFINED AS 285116N0804219W  
(OMN141034.4) TO 290730N0803000W (OMN108033.9) THEN CLOCKWISE VIA A  
30 NM ARC CENTERED AT 283703N0803647W (OMN147048.7) TO  
281330N0801600W (OMN145078.4) TO 282501N0803029W (OMN149061.9) TO  
282501N0803759W (OMN155058.8) TO 282501N0804144W (OMN157057.4) TO  
283121N0804349W (OMN157050.9) TO 283801N0804701W (OMN157043.7) TO  
284910N0805044W (OMN154032.2) TO 285116N0804714W (OMN148031.8) TO  
POINT OF ORIGIN. SFC-FL180. MIAMI / ZMA / ARTCC, TELEPHONE  
305-716-1589, IS THE FAA CDN FACILITY. THIS AREA ENCOMPASSES R2932,  
R2933, R2934, AND PORTIONS OF W137F, W137G, W497A. ADDITIONAL  
WARNING AND RESTRICTED AREAS WILL BE ACT. PILOTS MUST CONSULT ALL  
NOTAMS REGARDING THIS OPS AND MAY CONTACT ZMA FOR CURRENT AIRSPACE  
STATUS.

1911121354-1911121532  
(PERM. CREATED 08-NOV-2019 23:15)

**A1757/19/KZJX**

EROP X0422

ATTENTION AIRLINE DISPATCHERS, SOME OPS APPEAR TO BE USING THE NOTAM  
BEGINNING TIME TO START FILING ROUTES AROUND THE LAUNCH OPS. LAUNCH  
HAZARD AREA TIMES IN THE NOTAM ARE ALT SPECIFIC AND DO NOT AFFECT  
ALL OPS. THIS NOTAM CONTAINS A BREAKDOWN OF THE TIMES FOR PRE-LAUNCH  
AND LAUNCH CLOSURES. THE FOLLOWING AIRSPACE IS IN USE FOR A MISSILE  
LAUNCH/SPLASH DOWN. DURING THESE TIMES KZMA ARTCC/OAC, ZJX ARTCC AND  
KZNY ARTCC/OAC WILL NOT APPROVE IFR FLT WI 45NM OF THE AFFECTED  
OCEANIC STNR AIRSPACE RESERVATIONS WEST OF 6000W, 50NM BTN 6000W AND  
5500W, AND 60NM EAST OF 5500W OR WI AFFECTED WARNING AREA AIRSPACE.  
EFFECTIVE:

1911121224-1911121532 W497A WEST OF 80 WEST, SFC-5000FT MSL  
1911121224-1911121532 CAPE ATC ASSIGNED AIRSPACE, SFC-FL180  
1911121354-1911121532 R2933, 5000FT MSL-UNL  
1911121354-1911121532 R2934, SFC-UNL

1911121424-1911121532 LAUNCH HAZARD AREA A WI AN AREA DEFINED AS 2837N08036W TO 2837N08038W TO 2942N07924W TO 2937N07919W TO END PART 1 OF 4  
SEE TEXT

(12-NOV-2019 12:24 - 12-NOV-2019 15:32. CREATED 08-NOV-2019 23:11)

**A1757/19/KZJX**

2827N08033W TO POINT OF ORIGIN, SFC-UNL. THIS AREA ENCOMPASSES PORTIONS OF R2932, R2933, AND W497A/B.

LAUNCH HAZARD AREA B WI AN AREA DEFINED AS 3153N07654W 3240N07615W 3405N07459W 3344N07418W 3232N07447W 3145N07645W TO POINT OF ORIGIN, SFC-UNL.

LAUNCH HAZARD AREA C WI AN AREA DEFINED AS 2832N08031W TO 2838N08037W TO 3200N07700W TO 3125N07700W TO POINT OF ORIGIN, SFC-UNL. THIS AREA ENCOMPASSES HAZARD AREA A, AND PORTIONS OF R2932, R2933, AND W497A/B.

IN THE INTEREST OF SAFETY, ALL NONPARTICIPATING PILOTS ARE STRONGLY ADZ TO AVOID THE ABV AREA, EXC AS NOTED BLW FOR FLT PLAN FILING PURPOSES. ACFT ESTABLISHED ON PREAPPROVED DEFINED ROUTES MAY TRANSITION HAZARD AREA C. ACFT ON THESE ROUTES MAY NOT DEVIATE UNLESS CLEARED BY ATC. THE APPROVED ROUTES ARE: AR3, AR5, AR7, AR12, AR16, AR18, AR21, AR22, AR23, AR24, BR65V, G446, L375, L435, L451, Y291, Y299, Y307, Y309, Y319, Y323, Y436, AND Y438. FOR FURTHER GUIDANCE, SEE ATCSCC ADVISORIES. THE FOLLOWING RESTRICTIONS WILL BE  
END PART 2 OF 4

SEE TEXT

(12-NOV-2019 12:24 - 12-NOV-2019 15:32. CREATED 08-NOV-2019 23:11)

**A1757/19/KZJX**

IN EFFECT WI KZMA AND KZNY FIRS. ALL TFC REGARDLESS OF ALT MUST BE ESTIMATED TO CLEAR OCEANIC ALT RESERVATION (ALTRV) AT OR BEFORE 1911121419. KZNY REQUEST ACFT CERTIFIED FOR RNP 4/10 FILE ROUTES TO AVOID HAZARD AREA B BY 25NM, AND NON CERTIFIED RNP 4/10 ACFT AVOID HAZARD AREA B BY 45NM DURING THE HAZARD PERIOD

1911121424-1911121532. THE FOLLOWING ROUTES WILL BE IMPACTED: AR-6, AR-15, AR-17, AR-19, L375(NON-RNP4/10 ONLY), L435(NON-RNP4/10 ONLY), L451(NON-RNP4/10 ONLY), L452(NON-RNP4/10 ONLY), M326, Q89, Y185, Y493, Y494 AND Y588. HIBAC TRANS SHIFTY STAR CLSD. FOR FLTS FILED OVER OMN ON THE FOLLOWING STARS: FISEL/GISSH/FRWAY/CAYSL EXP A REROUTE VIA OMN J79 TRV AND TRV TRANSITION. REROUTES FOR AFFECTED "AR" ROUTES WILL BE CONTAINED IN FAA ATC COMMAND CENTER ADVISORY. BECAUSE OF THE INDEFINITE OPENING TIME, SOME AIRLINE OPS ARE REROUTING FLTS UNNECESSARILY. EXCEPTING THE KZNY REQUEST ABV, ALL FLTS WITH ROUTES THAT WOULD NORMALLY TRANSIT THROUGH OCEANIC OPS AREAS DURING OPS WINDOW 1911121424-1911121532 SHOULD FILE THEIR NORMAL ROUTE BUT PLAN ON RECEIVING REROUTE FM ATC. KZMA WILL REROUTE  
END PART 3 OF 4

SEE TEXT

(12-NOV-2019 12:24 - 12-NOV-2019 15:32. CREATED 08-NOV-2019 23:11)

**11/031/KZJX**

ZJX AIRSPACE A MIL MISSILE LAUNCH WILL BE

CONDUCTED IN THE GULF OF MEXICO SCHEDULED AS FOLLOWS:

EWTA 2A WI AN AREA DEFINED AS 283019N0864800W TO 281610N0860000W TO 280143N0851213W TO 280223N0850000W TO 280332N0844045W TO 274300N0844045W TO 281200N0864800W TO THE POINT OF THE BEGINNING.

EWTA 2B NORTH WI AN AREA DEFINED AS 280330N0844045W TO 280500N0841500W TO 280500N0833100W TO 273400N0833100W TO 273741N0844045W TO THE POINT OF THE BEGINNING.

SFC-FL700

1911141330-1911141730

(PERM. CREATED 08-NOV-2019 21:51)

**A1755/19/KZJX**

EROP X0422

ATTENTION AIRLINE DISPATCHERS, SOME OPS APPEAR TO BE USING THE NOTAM BEGINNING TIME TO START FILING ROUTES AROUND THE LAUNCH OP. LAUNCH HAZARD AREA TIMES IN THE NOTAM ARE ALT SPECIFIC AND DO NOT AFFECT ALL OPS. THIS NOTAM CONTAINS A BREAKDOWN OF THE TIMES FOR PRE-LAUNCH AND LAUNCH CLOSURES. THE FOLLOWING AIRSPACE IS IN USE FOR A MISSILE LAUNCH/SPLASH DOWN. DURING THESE TIMES KZMA ARTCC/OAC, ZJX ARTCC AND KZNY ARTCC/OAC WILL NOT APPROVE IFR FLT WI 45NM OF THE AFFECTED OCEANIC STNR AIRSPACE RESERVATIONS WEST OF 6000W, 50NM BTN 6000W AND 5500W, AND 60NM EAST OF 5500W OR WI AFFECTED WARNING AREA AIRSPACE.

EFFECTIVE:

1911111246-1911111554 W497A WEST OF 80 WEST, SFC-5000FT MSL

1911111246-1911111554 CAPE ATC ASSIGNED AIRSPACE, SFC-FL180

1911111416-1911111554 R2933, 5000FT MSL-UNL

1911111416-1911111554 R2934, SFC-UNL

1911111446-1911111554 LAUNCH HAZARD AREA A WI AN AREA DEFINED AS 2837N08036W TO 2837N08038W TO 2942N07924W TO 2937N07919W TO  
END PART 1 OF 4

SEE TEXT

(11-NOV-2019 12:46 - 11-NOV-2019 15:54. CREATED 08-NOV-2019 20:34)

**A1755/19/KZJX**

2827N08033W TO POINT OF ORIGIN, SFC-UNL. THIS AREA ENCOMPASSES PORTIONS OF R2932, R2933, AND W497A/B. LAUNCH HAZARD AREA B WI AN AREA DEFINED AS 3153N07654W 3240N07615W 3405N07459W 3344N07418W 3232N07447W 3145N07645W TO POINT OF ORIGIN, SFC-UNL. LAUNCH HAZARD AREA C WI AN AREA DEFINED AS 2832N08031W TO 2838N08037W TO 3200N07700W TO 3125N07700W TO POINT OF ORIGIN, SFC-UNL. THIS AREA ENCOMPASSES HAZARD AREA A, AND PORTIONS OF R2932, R2933, AND W497A/B. IN THE INTEREST OF SAFETY, ALL NONPARTICIPATING PILOTS ARE STRONGLY ADVISED TO AVOID THE ABV AREA, EXC AS NOTED BLW FOR FLT PLAN FILING PURPOSES. ACFT ESTABLISHED ON PREAPPROVED DEFINED ROUTES MAY TRANSITION HAZARD AREA C. ACFT ON THESE ROUTES MAY NOT DEVIATE UNLESS CLEARED BY ATC. THE APPROVED ROUTES ARE: AR3, AR5, AR7, AR12, AR16, AR18, AR21, AR22, AR23, AR24, BR65V, G446, L375, L435, L451, Y291, Y299, Y307, Y309, Y319, Y323, Y436, AND Y438. FOR FURTHER GUIDANCE, SEE ATCCS ADVISORIES. THE FOLLOWING RESTRICTIONS WILL BE IN EFFECT WI KZMA AND KZNY FIRS. ALL TRAFFIC REGARDLESS OF ALT MUST BE ESTIMATED TO CLEAR OCEANIC ALTRV AT OR BEFORE 1911111441. KZNY  
END PART 2 OF 4

SEE TEXT

(11-NOV-2019 12:46 - 11-NOV-2019 15:54. CREATED 08-NOV-2019 20:34)

**9/1050/KZJX**

ZJX FL..AIRSPACE CAPE CANAVERAL FL..TEMPORARY FLT RESTRICTION. PURSUANT TO 14 CFR SECTION 91.143, FLT LIMITATION IN THE PROXIMITY OF SPACE FLT OPS, OPS BY FAA CERT PILOTS OR U.S.REG ACFT ARE PROHIBITED WI AN AREA DEFINED AS 285116N0804219W (OMN141034.4) TO 290730N0803000W (OMN108033.9) THEN CLOCKWISE VIA A 30 NM ARC CENTERED AT 283703N0803647W (OMN147048.7) TO 281330N0801600W (OMN145078.4) TO 282501N0803029W (OMN149061.9) TO 282501N0803759W (OMN155058.8) TO 282501N0804144W (OMN157057.4) TO 283121N0804349W (OMN157050.9) TO 283801N0804701W (OMN157043.7) TO 284910N0805044W (OMN154032.2) TO 285116N0804714W (OMN148031.8) TO POINT OF ORIGIN. SFC-FL180. MIAMI / ZMA / ARTCC, PHONE 305-716-1589, IS THE FAA COORDINATION FACILITY. THIS AREA ENCOMPASSES R2932, R2933, R2934, AND PORTIONS OF W137F, W137G, W497A. ADDITIONAL WARNING AND RESTRICTED AREAS WILL BE ACT. PILOTS MUST CONSULT ALL NOTAMS REGARDING THIS OP AND MAY CONTACT ZMA FOR CURRENT AIRSPACE STATUS.

1911111416-1911111554

(PERM. CREATED 08-NOV-2019 16:36)

**11/854/KZJX**

ZJX AIRSPACE W470F ACT SFC-3000FT  
(09-NOV-2019 14:00 - 09-NOV-2019 17:00. CREATED 08-NOV-2019 14:02)

**9/0875/KZJX**

ZJX FL..AIRSPACE TALLAHASSEE, FL..LASER LGT  
DEMONSTRATION WI AN AREA DEFINED AS 302604N0841637W SEMINOLE VORTAC  
(SZW145010) SFC-600FT. LASER LGT BEAMS MAY BE INJURIOUS TO  
PILOTS'/PASSENGERS' EYES WI 600FT VERTICALLY AND 2100FT Laterally OF  
THE LGT SOURCE. FLASH BLINDNESS OR COCKPIT ILLUMINATION MAY OCCUR  
BEYOND THESE DISTANCES. TAHALLASSEE /TLH/ TRACON, TELEPHONE (850)  
942-8311, IS THE FAA CDN FACILITY.  
1911152300-1911160500  
(PERM. CREATED 08-NOV-2019 13:55)

**11/838/KZJX**

ZJX AIRSPACE R3005C ACT SFC-FL290  
(09-NOV-2019 08:01 - 09-NOV-2019 10:59. CREATED 08-NOV-2019 08:02)

**11/831/KZJX**

ZJX AIRSPACE W151A ACT SFC-5000FT  
(09-NOV-2019 07:31 - 09-NOV-2019 17:59. CREATED 08-NOV-2019 07:32)

**11/820/KZJX**

ZJX AIRSPACE R3005B ACT SFC-FL290  
(09-NOV-2019 05:01 - 09-NOV-2019 10:59. CREATED 08-NOV-2019 05:02)

**11/819/KZJX**

ZJX AIRSPACE R3005E ACT SFC-FL290  
(09-NOV-2019 05:01 - 09-NOV-2019 10:59. CREATED 08-NOV-2019 05:02)

**11/818/KZJX**

ZJX AIRSPACE R3005D ACT SFC-FL290  
(09-NOV-2019 05:01 - 09-NOV-2019 10:59. CREATED 08-NOV-2019 05:02)

**11/817/KZJX**

ZJX AIRSPACE R3005A ACT SFC-FL290  
(09-NOV-2019 05:01 - 09-NOV-2019 10:59. CREATED 08-NOV-2019 05:02)

**11/028/KZJX**

ZJX AIRSPACE A MIL MISSILE LAUNCH WILL BE  
CONDUCTED IN THE GULF OF MEXICO SCHEDULED AS FOLLOWS:  
EWTA 2A WI AN AREA DEFINED AS 283019N0864800W TO 281610N0860000W TO  
280143N0851213W TO 280223N0850000W TO 280332N0844045W TO  
274300N0844045W TO 281200N0864800W TO THE POINT OF THE BEGINNING.  
EWTA 2B NORTH WI AN AREA DEFINED AS 280330N0844045W TO  
280500N0841500W TO 280500N0833100W TO 273400N0833100W TO  
273741N0844045W TO THE POINT OF THE BEGINNING.  
SFC-FL700  
1911131400-1911131800  
(PERM. CREATED 08-NOV-2019 00:45)

**11/025/KZJX**

ZJX AIRSPACE A MIL MISSILE LAUNCH WILL BE  
CONDUCTED IN THE GULF OF MEXICO SCHEDULED AS FOLLOWS:  
EWTA 2A WI AN AREA DEFINED AS 283019N0864800W TO 281610N0860000W TO  
280143N0851213W TO 280223N0850000W TO 280332N0844045W TO  
274300N0844045W TO 281200N0864800W TO THE POINT OF THE BEGINNING.  
EWTA 2B NORTH WI AN AREA DEFINED AS 280330N0844045W TO  
280500N0841500W TO 280500N0833100W TO 273400N0833100W TO  
273741N0844045W TO THE POINT OF THE BEGINNING.  
SFC-FL700  
1911121430-1911121830  
(PERM. CREATED 06-NOV-2019 21:36)

**9/7804/KZJX**

ZJX FL..AIRSPACE ORLANDO, FL..LASER LGT DEMONSTRATION.  
MULTIPLE LASERS WI AN AREA DEFINED AS 0.25 NM RADIUS OF  
283218N0813409W OR ORLANDO VORTAC (ORL266004) SFC-1400FT. LASER LGT  
BEAMS MAY BE INJURIOUS TO PILOTS'/PASSENGERS' EYES WI 1400FT  
VERTICALLY AND 3900FT LATERALLY OF THE LGT SOURCE. FLASH BLINDNESS  
OR COCKPIT ILLUMINATION MAY OCCUR BEYOND THESE DISTANCES. CENTRAL  
FLORIDA/ F11 / TRACON, TELEPHONE (407) 852-7553 IS THE FAA CDN  
FACILITY.

DLY 0200-0459

(09-NOV-2019 02:00 - 11-NOV-2019 04:59. CREATED 05-NOV-2019 13:10)

**11/023/KZJX**

ZJX AIRSPACE AEROBATIC ACFT WI AN AREA DEFINED AS 2NM RADIUS OF LAL019026  
SFC-4000FT AGL SAT SUN 1300-2100

(09-NOV-2019 13:00 - 26-JAN-2020 21:00. CREATED 03-NOV-2019 23:02)

**9/7584/KZJX**

ZJX FL..AIRSPACE PENSACOLA, FL..TEMPORARY FLIGHT  
RESTRICTION. PURSUANT TO 14 CFR SECTION 91.145, MANAGEMENT OF  
ACFT OPS IN THE VCY OF AERIAL DEMONSTRATIONS AND  
MAJOR SPORTING EVENTS, ACFT OPS ARE PROHIBITED WI AN AREA DEFINED  
AS 5NM RADIUS OF 302112N0871824W (BFM108041.8) SFC-15000FT UNLESS  
AUTH BY ATC. EFFECTIVE 1911071500 UTC UNTIL 1911072130 UTC,  
1911081500 UTC UNTIL 1911082130 UTC, 1911082200 UTC UNTIL  
1911090000 UTC, AND 1911091500 UTC UNTIL 1911092130 UTC. DUE TO  
NAS PENSACOLA AIRSHOW AERIAL DEMONSTRATIONS. WAYNE BOGGS, PHONE  
813-340-5623, IS THE POINT OF CONTACT. THE PENSACOLA /P31/ APCH,  
PHONE 850-266-6884, IS THE CDN FACILITY.

(07-NOV-2019 15:00 - 09-NOV-2019 21:30. CREATED 17-OCT-2019 16:02)

**9/1240/KZJX**

ZJX GA..ROUTE ZJX.

V157 ALLENDALE (ALD) VOR, SC R-216 TO LOTTS INT, GA MRA 11000.

ALD VOR UNUSABLE BELOW 11000.

(30-AUG-2019 15:20 - 30-AUG-2021 15:10 EST. CREATED 30-AUG-2019 15:20)

**9/1226/KZJX**

ZJX SC..ROUTE ZJX ZTL.

V70 ALLENDALE (ALD) VOR, SC R-248 TO COP NA EXCEPT FOR ACFT  
EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.

ALD VOR UNUSABLE ALL ALTITUDES.

(30-AUG-2019 15:09 - 30-AUG-2021 15:02 EST. CREATED 30-AUG-2019 15:10)

**08/345/KZJX**

ZJX AIRSPACE UAS WI AN AREA DEFINED AS .75NM RADIUS OF 323347N0804354W (4.9NM  
N NBC) SFC-400FT AGL DLY 1200-2000

(29-AUG-2019 12:00 - 31-DEC-2019 20:00. CREATED 28-AUG-2019 12:22)

**9/9568/KZJX**

ZJX FL..ROUTE ZJX.

V198 SEMINOLE (SZW) VORTAC, FL TO GREENVILLE (GEF) VORTAC, FL USE  
SZW R-088; GEF R-270 NA.

1905171933-2105171933EST

(PERM. CREATED 17-MAY-2019 19:33)

**9/9419/KZJX**

ZJX MS..ROUTE ZJX.

V35 GREENVILLE (GEF) VORTAC, FL TO SALER, GA NA.

1905171535-2105171535EST

(PERM. CREATED 17-MAY-2019 15:36)

**9/9417/KZJX**

ZJX MS..ROUTE ZJX.

V159 GREENVILLE (GEF) VORTAC, FL TO SALER, GA NA.  
1905171531-2105171530EST  
(PERM. CREATED 17-MAY-2019 15:31)

**04/216/KZJX**

ZJX AIRSPACE UAS WI AN AREA DEFINED AS 6NM RADIUS OF 285428N0815829W (9.5NM NW LEE) SFC-400FT AGL DLY 1200-2200  
(19-APR-2019 12:00 - 14-APR-2020 22:00. CREATED 18-APR-2019 18:01)

**04/215/KZJX**

ZJX AIRSPACE UAS WI AN AREA DEFINED AS 6NM RADIUS OF 285428N0815829W (9.5NM NW LEE) SFC-400FT AGL  
(18-APR-2019 18:01 - 14-APR-2020 22:00. CREATED 18-APR-2019 18:01)

**04/207/KZJX**

ZJX AIRSPACE UAS WI AN AREA DEFINED AS 6NM RADIUS OF OCF162025.5 (12NM W LEE) SFC-400FT AGL THU FRI MON TUE WED 1200-2200  
(18-APR-2019 12:00 - 10-APR-2020 22:00. CREATED 17-APR-2019 19:35)

**9/6420/KZJX**

ZJX NC..ROUTE ZJX.  
V136 WILDS, NC TO GRAND STRAND (CRE) VORTAC, SC NA.  
1904031432-2104031432EST  
(PERM. CREATED 03-APR-2019 14:33)

**9/6404/KZJX**

ZJX SC..ROUTE ZJX.  
V53 CHARLESTON (CHS) VORTAC, SC TO COLUMBIA (CAE) VORTAC, SC MEA 2100.  
1904031418-2104031417EST  
(PERM. CREATED 03-APR-2019 14:18)

**9/2650/KZJX**

ZJX SC..ROUTE ZJX.  
V437 FLORENCE (FLO) VORTAC, SC R-197 TO FILLI INT, SC MEA 4500.  
CRE VOR R-276 UNUSABLE.  
(26-MAR-2019 19:33 - 26-MAR-2021 19:33 EST. CREATED 26-MAR-2019 19:33)

**9/4566/KZJX**

ZJX SC..ROUTE ZJX.  
V157, V3 COP TO PEGIE, SC MEA 13000 EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.  
FLO VORTAC UNUSABLE BEYOND 25 NM BELOW 13000 FT.  
1903081824-2103081824EST  
(PERM. CREATED 08-MAR-2019 18:25)

**9/7990/KZJX**

ZJX ROUTE ZJX ZTL.  
V53 WIDER INT, SC TO WILLS INT, SC NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.  
1901291948-2101291948EST  
(PERM. CREATED 29-JAN-2019 19:48)

**9/7977/KZJX**

ZJX SC..ROUTE ZJX ZTL.  
V37 GREAT INT, SC TO RICHE INT, SC MEA 6000.  
1901291920-2101291920EST  
(PERM. CREATED 29-JAN-2019 19:21)

**01/051/KZJX**

ZJX AIRSPACE AEROBATIC ACFT WI AN AREA DEFINED AS 2NM RADIUS OF VNA096025.3 (7NM SE EZM) SFC-4000FT AVOIDANCE ADZ  
(07-JAN-2019 21:11 - 31-DEC-2019 16:30. CREATED 07-JAN-2019 21:11)

**8/9817/KZJX**

ZJX SC..ROUTE ZJX ZDC.  
V1 INLET, SC TO WALLO, NC NA.  
1811231430-2011231429EST  
(PERM. CREATED 23-NOV-2018 14:31)

**8/3878/KZJX**

ZJX AL..FL..SPECIAL NOTICE.. GULF OF MEXICO RNAV AND ATLANTIC ROUTES PUBLISHED CO-DESIGNATION ON ENROUTE HIGH CHARTS H-7, H-8, AND H-9 CHARTS. THE RNAV ROUTES Q100 AND Q102 WILL BE CO-DESIGNATED WITH Y280 AND Y290 RESPECTIVELY. ADDITIONALLY, MULTIPLE ATLANTIC ROUTES (AR) WILL BE CO-DESIGNATED AS Y ROUTES, E.G. AR 21/Y 289. UNTIL FURTHER NOTICE AND COMPLETION OF TRANSITION OF THE U.S. EAST COAST PBN ROUTE STRUCTURE, OPERATORS ARE TO FOLLOW THE PUBLISHED GUIDANCE APPLICABLE TO THE ROUTES INDICATED IN THEIR FLIGHT PLAN. FOR EXAMPLE, OPERATORS FILING TO FLY Q100 ARE TO FOLLOW THE GULF Q ROUTE GUIDANCE IN THE NTAP (PART 3, SECTION 2) GULF OF MEXICO Q ROUTES. ADDITIONALLY, OPERATORS FILING TO FLY Y280 ARE TO FOLLOW THE Y ROUTE GUIDANCE IN THE U. S. AIP (ENR 7). SAME POLICY APPLIES TO CO-DESIGNATED AR AND Y ROUTES. IF AN OPERATOR FLIGHT PLANS A ROUTE OF FLIGHT INDICATING A COMBINATION OF ROUTES WHICH INCLUDES A Y ROUTE, THE AIRCRAFT MUST MEET THE EQUIPAGE AND PERFORMANCE REQUIREMENTS PUBLISHED IN THE AIP SECTION ENR 7.10. PLEASE DIRECT ANY QUESTION TO FLIGHT TECHNOLOGIES AND PROCEDURES DIVISION, 202-267-8790  
1811091500-PERM  
(PERM. CREATED 09-NOV-2018 15:01)

**8/4313/KZJX**

ZJX SC..GA..FL..ROUTE ZJX.  
Y289 DULEE, OA TO ZILLS, OA. ATC ASSIGNED ONLY.  
(08-NOV-2018 09:01 - 30-JAN-2020 09:01 EST. CREATED 29-OCT-2018 20:47)

**8/4310/KZJX**

ZJX SC..GA..FL..ROUTE ZJX.  
Y291 HOAGG, OA TO SAGGY ,OA. ATC ASSIGNED ONLY.  
(08-NOV-2018 09:01 - 30-JAN-2020 09:01 EST. CREATED 29-OCT-2018 20:47)

**8/4309/KZJX**

ZJX SC..GA..FL..ROUTE ZJX.  
Y299 GRUBR, OA TO JRADN, OA. ATC ASSIGNED ONLY.  
(08-NOV-2018 09:01 - 30-JAN-2020 09:01 EST. CREATED 29-OCT-2018 20:47)

**8/4307/KZJX**

ZJX SC..GA..FL..ROUTE ZJX.  
Y309 PELCN, OA TO IDOLS, OA. ATC ASSIGNED ONLY.  
(08-NOV-2018 09:01 - 30-JAN-2020 09:01 EST. CREATED 29-OCT-2018 20:46)

**8/4306/KZJX**

ZJX SC..GA..FL..ROUTE ZJX.  
Y319 OHLAA, OA TO IDOLS, OA. ATC ASSIGNED ONLY.  
(08-NOV-2018 09:01 - 30-JAN-2020 09:01 EST. CREATED 29-OCT-2018 20:46)

**8/4304/KZJX**

ZJX SC..GA..FL..ROUTE ZJX.  
Y323 CARPX, OA TO IDOLS, OA. ATC ASSIGNED ONLY.  
(08-NOV-2018 09:01 - 30-JAN-2020 09:01 EST. CREATED 29-OCT-2018 20:31)

**8/4299/KZJX**

ZJX SC..GA..FL..ROUTE ZJX.  
Y307 CARPX, OA TO GARIC, OA. ATC ASSIGNED ONLY.  
(08-NOV-2018 09:01 - 30-JAN-2020 09:01 EST. CREATED 29-OCT-2018 20:31)

**8/4297/KZJX**

ZJX SC..ROUTE ZJX.  
Q409 JROSS, SC TO MRPIT, SC. ATC ASSIGNED ONLY.  
(08-NOV-2018 09:01 - 30-JAN-2020 09:01 EST. CREATED 29-OCT-2018 20:21)

**8/4296/KZJX**  
ZJX SC..ROUTE ZJX.  
Q135 JROSS, SC TO RAPZZ, SC. ATC ASSIGNED ONLY.  
(08-NOV-2018 09:01 - 30-JAN-2020 09:01 EST. CREATED 29-OCT-2018 20:19)

**8/4295/KZJX**  
ZJX SC..ROUTE ZJX.  
Q109 PANDY, SC TO LAANA, SC. ATC ASSIGNED ONLY.  
(08-NOV-2018 09:01 - 30-JAN-2020 09:01 EST. CREATED 29-OCT-2018 20:16)

**8/4294/KZJX**  
ZJX SC..ROUTE ZJX.  
Q97 CAKET, SC TO ELLDE, SC. ATC ASSIGNED ONLY.  
(08-NOV-2018 09:01 - 30-JAN-2020 09:01 EST. CREATED 29-OCT-2018 20:14)

**8/4291/KZJX**  
ZJX SC..ROUTE ZJX.  
Q85 IGARY, SC TO SMPRR, SC. ATC ASSIGNED ONLY.  
(08-NOV-2018 09:01 - 30-JAN-2020 09:01 EST. CREATED 29-OCT-2018 20:08)

**8/4290/KZJX**  
ZJX SC..ROUTE ZJX.  
Q113 RAYVO, SC TO SARKY, SC. ATC ASSIGNED ONLY.  
(08-NOV-2018 09:01 - 30-JAN-2020 09:01 EST. CREATED 29-OCT-2018 20:08)

**8/4269/KZJX**  
ZJX SC..ROUTE ZJX.  
Q87 JROSS, SC TO LCAPE, SC. ATC ASSIGNED ONLY.  
(08-NOV-2018 09:01 - 30-JAN-2020 09:01 EST. CREATED 29-OCT-2018 19:49)

**12/119/KZJX**  
ZJX AIRSPACE UAS WI AN AREA DEFINED AS 2NM RADIUS OF CEW212023.3 SFC-1199FT  
AGL  
(12-DEC-2017 20:52 - 12-DEC-2019 23:59. CREATED 12-DEC-2017 21:08)

**4/5111/KZJX**  
ZJX FL..SPECIAL NOTICE..DEPARTURES FROM ORLANDO TERMINAL  
AIRSPACE WITH ROUTES TRHOUGH MIAMI CENTER MUST ADDRESS THEIR FLIGHT  
PLANS TO JACKSONVILLE CENTER ONLY. FPL MESSAGES SHOULD NOT BE  
ADDRESSED TO MIAMI CENTER.  
1410291753-PERM  
(PERM. CREATED 29-OCT-2014 18:01)

**(NON-RNP4/10/KZJX**  
ONLY) ADUCI Y307 CARPX AR5 TROUT LEXIM M326  
Y493

**(RNP4/10/KZJX**  
ONLY) JAINS 3055N07634 LEXUM M326

**ADOOR/KZJX**  
M203 LEXIM OMALA M202  
M326

**(NON-RNP4/10/KZJX**  
ONLY) GALVN NETSS M325 OXANA  
M202

**(NON-RNP4/10/KZJX**  
ONLY) GALVN TROUT Y438 CARPX AR3 OLDEY



L451

**A1755/19/KZJX**

NOTAMN Q) KZJX/QWMLW/IV/NBO/W/000/999/ A) KZJX PART 3 OF 4 B) 191111246 C) 1911111554 D) SEE TEXT E) REQUEST ACFT CERTIFIED FOR RNP 4/10 FILE ROUTES TO AVOID HAZARD AREA

B BY 25NM, AND NON CRTFY RNP 4/10 ACFT AVOID HAZARD AREA B BY 45NM DURING THE HAZARD PERIOD 191111446-191111554. THE FOLLOWING ROUTES WILL BE IMPACTED: AR-6, AR-15, AR-17, AR-19, L375(NON- RNP4/10 ONLY), L435(NON- RNP4/10 ONLY), L451(NON- RNP4/10 ONLY), L452(NON- RNP4/10 ONLY), M326, Q89, Y185, Y493, Y494 AND Y588. HIBAC TRANS SHIFTY STAR CLSD. FOR FLTS FILED OVER OMN ON THE FOLLOWING STARS: FISEL/GISSH/FRWAY/CAYSL EXPECT A REROUTE VIA OMN J79 TRV AND TRV TRANSITION. REROUTES FOR AFFECTED "AR" ROUTES WILL BE CONTAINED IN FAA ATC COMMAND CENTER ADVISORY. BECAUSE OF THE INDEFINITE OPENING TIME, SOME AIRLINE OPS ARE REROUTING FLTS UNNECESSARILY. EXCEPTING THE KZNY REQUEST ABV, ALL FLTS WITH ROUTES THAT WOULD NORMALLY TRANSIT THROUGH OCEANIC OP AREAS DURING OP WINDOW 191111446-191111554 SHOULD FILE THEIR NORMAL ROUTE BUT PLAN ON RECEIVING REROUTE FM ATC. KZMA WILL REROUTE ONLY THOSE FLTS NECESSARY TO CLEAR THE AFFECTED AREAS WHILE IN USE. EXPECT THE FOLLOWING INTL REROUTES:

AR6/15

SEE TEXT

(11-NOV-2019 12:46 - 11-NOV-2019 15:54. )

**(NON-RNP4/10/KZJX**

ONLY) GALVN TROUT Y438 CARPX AR3 OLDEY  
L435

**CLSD/KZJX**

AT 1911121354

L375

(12-NOV-2019 13:54 - PERM. )

**A1757/19/KZJX**

NOTAMN Q) KZJX/QWMLW/IV/NBO/W/000/999/ A) KZJX PART 4 OF 4 B) 1911121224 C) 1911121532 D) SEE TEXT E) ONLY THOSE FLTS NECESSARY TO CLEAR THE AFFECTED AREAS WHILE IN USE.

EXP THE FOLLOWING INTL REROUTES:

AR6/15

SEE TEXT

(12-NOV-2019 12:24 - 12-NOV-2019 15:32. )

**CLSD./KZJX**

REROUTE INLAND OR VEGAA LSIER M203 LEXUM THEN TROUT  
AR5 BAHAA OR M203 SNAGY

Y494

**A1755/19/KZJX**

NOTAMN Q) KZJX/QWMLW/IV/NBO/W/000/999/ A) KZJX PART 4 OF 4 B) 191111246 C) 1911111554 D) SEE TEXT E) L375

SEE TEXT

(11-NOV-2019 12:46 - 11-NOV-2019 15:54. )

**CLSD./KZJX**

REROUTE INLAND OR VEGAA LSIER M203 LEXUM THEN TROUT AR5  
BAHAA OR M203 SNAGY

Y494

**(NON-RNP4/10/KZJX**

ONLY) ILIDO TROUT Y438 CARPX AR3 OLDEY  
L452

**KZHU (HOUSTON OCEANIC FIR/UIR)**

**11/123/KZHU**

ZHU AIRSPACE KINGSVILLE 4 MOA ACT 9000FT UP TO BUT NOT INCLUDING FL180  
(09-NOV-2019 13:00 - 10-NOV-2019 02:00. CREATED 09-NOV-2019 07:02)

**11/122/KZHU**

ZHU AIRSPACE WARRIOR 1 HIGH MOA ACT 10000FT UP TO BUT NOT INCLUDING FL180  
(09-NOV-2019 13:00 - 10-NOV-2019 04:00. CREATED 09-NOV-2019 07:02)

**11/121/KZHU**

ZHU AIRSPACE WARRIOR 2 HIGH MOA ACT 10000FT UP TO BUT NOT INCLUDING FL180  
(09-NOV-2019 13:00 - 10-NOV-2019 04:00. CREATED 09-NOV-2019 07:02)

**11/120/KZHU**

ZHU AIRSPACE WARRIOR 1 LOW MOA ACT 100FT AGL-9999FT  
(09-NOV-2019 13:00 - 10-NOV-2019 04:00. CREATED 09-NOV-2019 07:02)

**11/119/KZHU**

ZHU AIRSPACE WARRIOR 2 LOW MOA ACT 100FT AGL-9999FT  
(09-NOV-2019 13:00 - 10-NOV-2019 04:00. CREATED 09-NOV-2019 07:02)

**11/118/KZHU**

ZHU AIRSPACE WARRIOR 3 HIGH MOA ACT 10000FT UP TO BUT NOT INCLUDING FL180  
(09-NOV-2019 13:00 - 10-NOV-2019 04:00. CREATED 09-NOV-2019 07:02)

**11/116/KZHU**

ZHU AIRSPACE WARRIOR 3 LOW MOA ACT 100FT AGL-9999FT  
(09-NOV-2019 13:00 - 10-NOV-2019 04:00. CREATED 09-NOV-2019 07:02)

**11/112/KZHU**

ZHU AIRSPACE R6302B ACT 5000FT-11000FT  
(09-NOV-2019 12:01 - 09-NOV-2019 23:59. CREATED 09-NOV-2019 06:02)

**11/124/KZHU**

ZHU AIRSPACE DEL RIO APP OPN  
(12-NOV-2019 12:55 - 13-NOV-2019 00:45. CREATED 09-NOV-2019 00:18)

**11/092/KZHU**

ZHU AIRSPACE R6302D ACT SFC-12000FT  
(09-NOV-2019 01:01 - 11-NOV-2019 12:59. CREATED 08-NOV-2019 19:02)

**11/091/KZHU**

ZHU AIRSPACE R6302C ACT SFC-12000FT  
(09-NOV-2019 01:01 - 11-NOV-2019 12:59. CREATED 08-NOV-2019 19:02)

**11/090/KZHU**

ZHU AIRSPACE R6302D ACT 12000FT AGL-16000FT  
(09-NOV-2019 01:01 - 09-NOV-2019 12:00. CREATED 08-NOV-2019 19:02)

**11/089/KZHU**

ZHU AIRSPACE R6302C ACT 12000FT AGL-16000FT  
(09-NOV-2019 01:01 - 09-NOV-2019 12:00. CREATED 08-NOV-2019 19:02)

**9/1028/KZHU**

ZHU AL..AIRSPACE ATMORE, AL..TEMPORARY FLIGHT  
RESTRICTIONS WI AN AREA DEFINED AS 1 NM RADIUS OF 310221N/0872424W  
(MONROEVILLE VORTAC MVC182025.3) SFC-2000FT GAS RELEASE. PURSUANT  
TO 14 CFR SECTION 91.137(A)(1) TEMPORARY FLIGHT RESTRICTIONS ARE IN  
EFFECT. ONLY RELIEF AIRCRAFT OPERATIONS UNDER DIRECTION OF FLORIDA  
GAS TRANSMISSION ARE AUTHORIZED IN THE AIRSPACE. FLORIDA GAS  
TRANSMISSION, TELEPHONE 850-736-6155, IS IN CHARGE OF ON SCENE  
EMERGENCY RESPONSE ACTIVITY. HOUSTON /ZHU/ ARTCC, TELEPHONE

281-230-5560, IS THE FAA COORDINATION FACILITY.  
(11-NOV-2019 15:00 - 11-NOV-2019 17:00. CREATED 08-NOV-2019 14:57)

**11/111/KZHU**

ZHU AIRSPACE PJE WI AN AREA DEFINED AS 25NM RADIUS OF LHB SFC-15000FT  
(08-NOV-2019 16:30 - 10-NOV-2019 04:30. CREATED 08-NOV-2019 01:06)

**11/853/KZHU**

ZHU AIRSPACE R4401D ACT FL180 UP TO BUT NOT INCLUDING FL230  
(07-NOV-2019 06:01 - 14-NOV-2019 06:00. CREATED 07-NOV-2019 00:06)

**11/852/KZHU**

ZHU AIRSPACE R4401E ACT FL230-FL290  
(07-NOV-2019 06:01 - 14-NOV-2019 06:00. CREATED 07-NOV-2019 00:06)

**11/704/KZHU**

ZHU AIRSPACE R4401A ACT SFC-3999FT  
(07-NOV-2019 06:01 - 14-NOV-2019 06:00. CREATED 06-NOV-2019 06:06)

**11/703/KZHU**

ZHU AIRSPACE R4401C ACT 10000FT UP TO BUT NOT INCLUDING FL180  
(07-NOV-2019 06:01 - 14-NOV-2019 06:00. CREATED 06-NOV-2019 06:06)

**11/701/KZHU**

ZHU AIRSPACE R4401B ACT 4000FT-9999FT  
(07-NOV-2019 06:01 - 14-NOV-2019 06:00. CREATED 06-NOV-2019 06:06)

**11/678/KZHU**

ZHU AIRSPACE R3803A ACT SFC UP TO BUT NOT INCLUDING FL180  
(06-NOV-2019 06:01 - 15-NOV-2019 06:00. CREATED 06-NOV-2019 00:06)

**11/675/KZHU**

ZHU AIRSPACE R3804A ACT SFC-FL180  
(06-NOV-2019 06:01 - 15-NOV-2019 06:00. CREATED 06-NOV-2019 00:06)

**11/674/KZHU**

ZHU AIRSPACE 3803D ACT SFC UP TO BUT NOT INCLUDING FL180  
(06-NOV-2019 06:01 - 15-NOV-2019 06:00. CREATED 06-NOV-2019 00:06)

**11/673/KZHU**

ZHU AIRSPACE R3804B ACT SFC-9999FT  
(06-NOV-2019 06:01 - 15-NOV-2019 06:00. CREATED 06-NOV-2019 00:06)

**11/681/KZHU**

ZHU AIRSPACE 3803C ACT SFC UP TO BUT NOT INCLUDING FL180  
(06-NOV-2019 06:01 - 15-NOV-2019 06:00. CREATED 06-NOV-2019 00:06)

**9/8553/KZHU**

ZHU TX..AIRSPACE YORKTOWN, TEXAS..TEMPORARY FLIGHT  
RESTRICTIONS WI AN AREA DEFINED AS 3 NM RADIUS OF 285939N/0973636W  
(VICTORIA VOR/DME VCT274033.7) SFC-3000FT AGL GAS RELEASE. PURSUANT  
TO 14 CFR SECTION 91.137(A)(1) TEMPORARY FLIGHT RESTRICTIONS ARE IN  
EFFECT. ONLY RELIEF AIRCRAFT OPERATIONS UNDER DIRECTION OF TEXAS  
DIVISION OF EMERG MANAGEMENT ARE AUTHORIZED IN THE AIRSPACE. TEXAS  
DIVISION OF EMERG MANAGEMENT TELEPHONE 361-788-3532 IS IN CHARGE OF  
ON SCENE EMERGENCY RESPONSE ACTIVITY. HOUSTON /ZHU/ ARTCC TELEPHONE  
281-230-5560 IS THE FAA COORDINATION FACILITY.  
(05-NOV-2019 22:30 - 11-NOV-2019 23:00. CREATED 05-NOV-2019 22:30)

**9/7442/KZHU**

ZHU 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  
139NM RADIUS OF 261010N0892142W. AIRSPACE AFFECTED MAY INCLUDE GULF

OF MEXICO AREAS OF MISSISSIPPI CANYON, EWING BANK, ATWATER VALLEY,  
WALKER RIDGE, LLOYD RIDGE, GREEN CANYON, GRAND ISLE AREA, SOUTH  
TIMBALIER AREA, LUND, LUND SOUTH, HENDERSON, FLORIDA PLAIN, AMERY  
TERRACE. SFC-UNL  
(04-NOV-2019 18:39 - 25-NOV-2019 22:00 EST. CREATED 04-NOV-2019 18:40)

**11/052/KZHU**

ZHU AIRSPACE HIGH SPEED ACFT WI AN AREA DEFINED AS 15NM RADIUS OF  
301648N0974348W (4.8NM NW AUS) 1000FT AVOIDANCE ADZ  
(09-NOV-2019 20:00 - 09-NOV-2019 20:30. CREATED 04-NOV-2019 17:21)

**10/438/KZHU**

ZHU AIRSPACE UAS WI AN AREA DEFINED AS 12NM RADIUS OF 301819N1023446W (24.2NM  
NW 6R6) SFC-12500FT  
(24-OCT-2019 14:00 - 14-NOV-2019 07:00. CREATED 24-OCT-2019 03:21)

**10/428/KZHU**

ZHU AIRSPACE AIRDROP WI AN AREA DEFINED AS 12NM RADIUS OF FST141044  
SFC-12500FT DLY 1400-0700  
(23-OCT-2019 14:00 - 14-NOV-2019 07:00. CREATED 23-OCT-2019 14:41)

**10/427/KZHU**

ZHU AIRSPACE LGT OUT TRG WI AN AREA DEFINED AS 12NM RADIUS OF FST141044  
SFC-12500FT AVOIDANCE ADZ DLY 1400-0700  
(23-OCT-2019 14:00 - 14-NOV-2019 07:00. CREATED 23-OCT-2019 14:36)

**10/281/KZHU**

ZHU OBST WIND TURBINE FARM WI AN AREA DEFINED AS 2.9NM RADIUS OF  
261921N0973502W (14NM SE HRL) 506FT (473FT AGL) NOT LGTD  
(16-OCT-2019 13:42 - 15-NOV-2019 23:59. CREATED 16-OCT-2019 13:42)

**09/561/KZHU**

ZHU OBST WIND TURBINE FARM WI AN AREA DEFINED AS 3NM RADIUS OF  
310435N1020621W (49.2NM ENE FST) 3446FT (400FT AGL) NOT LGTD  
(25-SEP-2019 13:50 - 31-DEC-2019 17:00 EST. CREATED 25-SEP-2019 13:51)

**9/3575/KZHU**

ZHU TX..ROUTE ZHU.  
V407 AUSTS, TX DISREGARD MRA 2300..  
1905242002-2105242002EST  
(PERM. CREATED 24-MAY-2019 20:03)

**9/3574/KZHU**

ZHU TX..ROUTE ZHU.  
V13 AUSTS, TX DISREGARD MRA 2300..  
1905242002-2105242002EST  
(PERM. CREATED 24-MAY-2019 20:03)

**9/9570/KZHU**

ZHU TX..ROUTE ZHU.  
V198 HOBBY (HUB) VOR/DME, TX TO SABINE PASS (SBI) VOR/DME, TX MEA  
3100.  
1905171936-2105171936EST  
(PERM. CREATED 17-MAY-2019 19:37)

**9/1404/KZHU**

ZHU TX..ROUTE ZHU.  
V306 KUUPR, TX TO OFERS, LA MEA 2800.  
1904121454-2104121454EST  
(PERM. CREATED 12-APR-2019 14:55)

**9/1778/KZHU**

ZHU LA..ROUTE ZHU.  
V543 RYTHM, LA MCA 4200 NORTHEASTBOUND.

1903041757-2103041757EST  
(PERM. CREATED 04-MAR-2019 17:58)

**9/6836/KZHU**

ZHU MS..ROUTE ZHU.  
V20 GULFPORT (GPT) VORTAC, MS R-061 TO SEMMES (SJI) VORTAC, AL MEA  
5000 EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH  
GPS.  
1901251417-2101251417EST  
(PERM. CREATED 25-JAN-2019 14:18)

**8/5792/KZHU**

ZHU TX..ROUTE ZHU.  
V548 COUTH, TX TO SEALY, TX NA.  
1812302052-2012302052EST  
(PERM. CREATED 30-DEC-2018 20:53)

**8/5790/KZHU**

ZHU TX..ROUTE ZHU.  
V194 COUTH, TX TO SEALY, TX NA.  
1812302050-2012302050EST  
(PERM. CREATED 30-DEC-2018 20:51)

**8/3876/KZHU**

ZHU TX..LA..MS..AL..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 NTA (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  
1811091500-PERM  
(PERM. CREATED 09-NOV-2018 15:00)

**09/399/KZHU**

ZHU OBST MOORED BALLOON WI AN AREA DEFINED AS 1NM RADIUS OF 264457N0991240W  
(13.3NM SE APY) 5896FT (5500FT AGL) FLAGGED AND LGTD  
(25-SEP-2018 19:00 - 31-JUL-2020 23:59. CREATED 25-SEP-2018 19:00)

**09/398/KZHU**

ZHU OBST MOORED BALLOON WI AN AREA DEFINED AS 1NM RADIUS OF 262045N0984544W  
(30NM WNW MFE) 3000FT (2841FT AGL) FLAGGED AND LGTD  
(25-SEP-2018 18:54 - 31-JUL-2020 23:59. CREATED 25-SEP-2018 18:54)

**09/397/KZHU**

ZHU OBST MOORED BALLOON WI AN AREA DEFINED AS 1NM RADIUS OF 262810N0990257W  
(47NM W MFE) 5000FT (4547FT AGL) FLAGGED AND LGTD  
(25-SEP-2018 18:52 - 31-JUL-2020 23:59. CREATED 25-SEP-2018 18:52)

**09/396/KZHU**

ZHU OBST MOORED BALLOON WI AN AREA DEFINED AS 1NM RADIUS OF 265531N0980418W  
(18NM SSE BKS) 2491FT (2400FT AGL) FLAGGED AND LGTD  
(25-SEP-2018 17:59 - 31-JUL-2020 23:59. CREATED 25-SEP-2018 18:00)

**2/8645/KZHU**

ZHU TX.. DUE TO THE LACK OF TERRAIN AND OBSTACLE  
CLEARANCE DATA, ACCURATE AUTOMATION DATA BASES ARE NOT  
AVAILABLE FOR PROVIDING MINIMUM SAFE ALTITUDE WARNING  
INFORMATION TO AIRCRAFT OVERFLYING MEXICO. AIR TRAFFIC  
FACILITIES ALONG THE UNITED STATES/MEXICO BORDER HAVE  
INHIBITED MINIMUM SAFE ALTITUDE WARNING COMPUTER PROGRAMS  
FOR AIRCRAFT OPERATING IN MEXICAN AIRSPACE UNTIL ACCURATE  
TERRAIN DATA CAN BE OBTAINED.  
(PERM. CREATED 19-AUG-2002 21:29)