

<b>Fuel Planning (lb)</b>	<b>US DOMESTIC</b>	<b>Fuel</b>	<b>Time</b>
TRIP		17.552	01:48
HOLD	KMEM	2.495	00:20
ALTN	KBNA	6.762	00:37
FAR RSV		6.425	00:45
CONT		714	00:05
MIN T/O		33.948	03:35
EXTRA		1.871	00:15
TAXI		795	00:15
RELEASE	KMIA	36.614	04:05
ARR FUEL	KMEM	17.313	01:44

<b>Load Planning (lb)</b>	<b>N78901</b>	<b>Plan</b>	<b>Limit</b>
Empty Weight		288.021	
Zero Fuel Weight	Limit	288.021	400.000
Fuel		36.614	218.676
Ramp Weight		324.635	547.000
Take-Off Weight KMIA		323.840	545.000
Landing Weight KMEM		306.288	425.000
Underload		111.979	Lim ZFW
Max Extra Fuel		118.712	Lim CAP

<b>Cost Planning</b>		
Fuel	19.301\$	15.936
Total		\$ 15.936

[PLANNING NOTAMS]

ORIGIN: KMIA/MIA (MIAMI INTL, UNITED STATES)

UTC -04:00

**07/310/KMIA**

MIA TWY S BTN EASTERN U RAMP AND WESTERN U RAMP CLSD  
(22-JUL-2019 11:00 - 22-JUL-2019 21:30. CREATED 19-JUL-2019 19:19)

**07/309/KMIA**

MIA RWY 12/30 CLSD  
(22-JUL-2019 10:30 - 22-JUL-2019 11:00. CREATED 19-JUL-2019 19:18)

**07/308/KMIA**

MIA RWY 09/27 CLSD  
(22-JUL-2019 10:30 - 22-JUL-2019 11:00. CREATED 19-JUL-2019 19:18)

**07/307/KMIA**

MIA RWY 08R/26L CLSD  
(20-JUL-2019 03:00 - 20-JUL-2019 11:00. CREATED 19-JUL-2019 19:17)

**07/306/KMIA**

MIA RWY 08L/26R CLSD  
(20-JUL-2019 03:00 - 20-JUL-2019 11:00. CREATED 19-JUL-2019 19:17)

**07/293/KMIA**

MIA OBST TOWER LGT (ASR 1282510) 254712.50N0802219.60W (4.5NM W MIA) 131.9FT  
(127.0FT AGL) OUT OF SERVICE  
(19-JUL-2019 13:55 - 03-AUG-2019 04:00. CREATED 19-JUL-2019 13:55)

**07/292/KMIA**

MIA TWY M10 SFC PAINTED HLDG PSN SIGNS FOR RWY 08R/26L REMOVED  
(19-JUL-2019 12:14 - 22-JUL-2019 16:00. CREATED 19-JUL-2019 12:14)

**07/291/KMIA**

MIA TWY L2 SFC PAINTED HLDG PSN SIGNS FOR RWY 08L/26R REMOVED  
(19-JUL-2019 12:13 - 22-JUL-2019 16:00. CREATED 19-JUL-2019 12:13)

**07/284/KMIA**

MIA RWY 26R 4000FT DIST REMAINING SIGN N SIDE NOT LGTD  
(19-JUL-2019 01:33 - 23-JUL-2019 01:33. CREATED 19-JUL-2019 01:33)

**07/283/KMIA**

MIA RWY 08L 4000FT DIST REMAINING SIGN N SIDE NOT LGTD  
(19-JUL-2019 01:31 - 23-JUL-2019 01:30. CREATED 19-JUL-2019 01:31)

**07/280/KMIA**

MIA OBST CRANE (ASN 2018-ASO-9872-OE) 254713N0801919W (1.8NM WSW MIA) 96FT  
(90FT AGL) FLAGGED  
(20-JUL-2019 12:00 - 20-JUL-2019 21:30. CREATED 18-JUL-2019 20:47)

**07/279/KMIA**

MIA OBST CRANE (ASN 2018-ASO-9871-OE) 254711N0801918W (1.8NM WSW MIA) 95FT  
(90FT AGL) FLAGGED  
(20-JUL-2019 12:00 - 20-JUL-2019 21:30. CREATED 18-JUL-2019 20:47)

**07/269/KMIA**

MIA NAV ILS RWY 26R DME NOT MNT  
(18-JUL-2019 11:01 - 22-JUL-2019 20:00 EST. CREATED 18-JUL-2019 11:01)

**07/260/KMIA**

MIA RWY 09 RTHL OUT OF SERVICE  
(17-JUL-2019 19:12 - 22-JUL-2019 20:00 EST. CREATED 17-JUL-2019 19:12)

**07/249/KMIA**

MIA OBST CRANE (ASN UNKNOWN) 254823N0801717W (.67NM N MIA)  
58FT (50FT AGL) FLAGGED  
(17-JUL-2019 11:00 - 26-JUL-2019 20:00. CREATED 16-JUL-2019 20:21)

**07/157/KMIA**

ZBV NAV TACAN AZM OUT OF SERVICE  
(11-JUL-2019 15:09 - 08-AUG-2019 20:00 EST. CREATED 11-JUL-2019 15:09)

**9/4239/KMIA**

MIA SID MIAMI INTL, MIAMI, FL.  
EONNS TWO DEPARTURE (RNAV)...  
HEDLY TWO DEPARTURE (RNAV)...  
TAKEOFF MINIMUMS: RWY 9: STANDARD WITH MINIMUM CLIMB OF 493 FT PER  
NM TO 1400 (12-085482). RWY 27: 300-1 1/2 OR STANDARD WITH MINIMUM  
CLIMB OF 316 FT PER NM TO 400. RWY 8L: STANDARD WITH MINIMUM  
OBSTACLE CLIMB OF 382 FT PER NM TO 1400, MINIMUM ATC CLIMB OF 500  
FT PER NM TO 900 (12-002209, 12-085482). RWY 8R: STANDARD WITH  
MINIMUM OBSTACLE CLIMB OF 326 FT PER NM TO 1400, MINIMUM ATC CLIMB  
OF 500 FT PER NM TO 900 (12-085482). TAKEOFF OBSTACLE NOTES: RWY  
27: TEMPORARY CRANES BEGINNING 5395 FT FROM DER, 872 FT LEFT OF  
CENTERLINE, UP TO 180 FT AGL/191 FT MSL (2016-ASO-11728 THRU  
11735-OE). RWY 26R, TEMPORARY CRANE 1314 FT FROM DER, 531 FT RIGHT  
OF CENTERLINE, 70 FT AGL/82 FT MSL (2018-ASO-18256-OE).  
ALL OTHER DATA REMAINS AS PUBLISHED.  
(01-JUL-2019 13:16 - 10-FEB-2020 13:16 EST. CREATED 01-JUL-2019 13:17)

**9/4238/KMIA**

MIA ODP MIAMI INTL, MIAMI, FL.  
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 17A...  
TAKEOFF MINIMUMS: RWY 9, STANDARD WITH MINIMUM CLIMB OF 493 FT PER  
NM TO 1400 (12-085482). RWY 27, 300-1 1/2 OR STANDARD WITH MINIMUM  
CLIMB OF 316 FT PER NM TO 400. RWY 8L, STANDARD WITH MINIMUM CLIMB  
OF 382 FT PER NM TO 1400 (12-002209/12-085482). RWY 8R, STANDARD  
WITH MINIMUM CLIMB OF 326 FT PER NM TO 1400 (12-085482). TAKEOFF  
OBSTACLE NOTES: RWY 27, TEMPORARY CRANES BEGINNING 5395 FT FROM  
DER, 872 FT LEFT OF CENTERLINE, UP TO 180 FT AGL/191 FT MSL  
(2016-ASO-11728 THRU 11735-OE). RWY 26R, TEMPORARY CRANE 1314 FT  
FROM DER, 531 FT RIGHT OF CENTERLINE, 70 FT AGL/82 FT MSL  
(2018-ASO-18256-OE).  
ALL OTHER DATA REMAINS AS PUBLISHED.  
(01-JUL-2019 13:13 - 10-FEB-2020 13:13 EST. CREATED 01-JUL-2019 13:13)

**9/2686/KMIA**

MIA IAP MIAMI INTL, MIAMI, FL.  
RNAV (GPS) Z RWY 26L, AMDT 2...  
LPV DA 258/HAT 250 ALL CATS.  
1906261937-2002051937EST  
(PERM. CREATED 26-JUN-2019 19:37)

**06/352/KMIA**

MIA OBST CRANE (ASN UNKNOWN) 254829N0801833W (.51NM NW APCH END RWY 08L)  
167FT (160FT AGL) FLAGGED  
(26-JUN-2019 12:03 - 26-OCT-2020 20:00. CREATED 26-JUN-2019 12:03)

**06/164/KMIA**

MIA RWY 12/30 WIP CONST ADJ SW EDGE  
(12-JUN-2019 11:57 - 31-DEC-2019 16:00. CREATED 12-JUN-2019 11:57)

**9/9957/KMIA**

MIA IAP MIAMI INTL, MIAMI, FL.  
ILS OR LOC RWY 26L, AMDT 16...  
S-ILS 26L DA 258/HAT 250 ALL CATS.  
1906051827-2106051827EST

(PERM. CREATED 05-JUN-2019 18:29)

**9/8568/KMIA**

MIA IAP MIAMI INTL, MIAMI, FL.  
ILS OR LOC RWY 27, AMDT 27...  
S-ILS 27 DA 258/HAT 250 ALL CATS.  
POLE 30 MSL 437 FT S OF RWY 27 (12-026691).  
1906040125-2106030125EST  
(PERM. CREATED 04-JUN-2019 01:26)

**9/8569/KMIA**

MIA IAP MIAMI INTL, MIAMI, FL.  
RNAV (GPS) Z RWY 27, AMDT 3A...  
LPV DA 258/HAT 250 ALL CATS.  
POLE 30 MSL 437 FT S OF RWY 27 (12-026691).  
1906040125-2106030125EST  
(PERM. CREATED 04-JUN-2019 01:26)

**9/2052/KMIA**

MIA SID MIAMI INTL, MIAMI, FL.  
MIAMI SIX DEPARTURE...  
TAKEOFF MINIMUMS: RWY 27, 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB  
OF 316 FT PER NM TO 400. TAKEOFF OBSTACLE NOTES: RWY 27, TEMP  
CRANES BEGINNING 5395 FT FROM DER, 872 FT LEFT OF CENTERLINE, UP TO  
180 FT AGL/191 FT MSL (2019-ASO-15258/59/61/62/63/64/65/66-OE).  
ALL OTHER DATA REMAINS AS PUBLISHED.  
(22-MAY-2019 19:40 - 01-JAN-2020 19:39 EST. CREATED 22-MAY-2019 19:40)

**9/4012/KMIA**

MIA IAP MIAMI INTL, MIAMI, FL.  
ILS OR LOC RWY 9, AMDT 10C...  
S-LOC 9 MDA 500/HAT 493 ALL CATS. VIS CATS A/B RVR 4000, CAT C RVR  
5000. TEMPORARY CRANES UP TO 191 MSL 1.09 NM W OF RWY 9  
(2019-ASO-15258/59/61/62/63/64/65/66-OE).  
1905081411-1912181411EST  
(PERM. CREATED 08-MAY-2019 14:11)

**9/4011/KMIA**

MIA IAP MIAMI INTL, MIAMI, FL.  
RNAV (GPS) RWY 9, AMDT 1B...  
LNAV MDA 500/HAT 493 ALL CATS. VIS CATS C/D RVR 5000. TEMPORARY  
CRANES UP TO 191 MSL 1.09 NM W OF RWY 9  
(2019-ASO-15258/59/61/62/63/64/65/66-OE).  
1905081411-1912181411EST  
(PERM. CREATED 08-MAY-2019 14:11)

**05/025/KMIA**

MIA OBST TOWER LGT (ASR 1030083) 254623.30N0802512.90W (7.3NM W MIA) 271.0FT  
(266.1FT AGL) OUT OF SERVICE  
(02-MAY-2019 11:31 - 01-AUG-2019 23:59. CREATED 02-MAY-2019 11:31)

**05/024/KMIA**

MIA OBST TOWER LGT (ASR 1030081) 254624.00N0802516.00W (7.3NM W MIA) 548.9FT  
(541.0FT AGL) OUT OF SERVICE  
(02-MAY-2019 11:31 - 01-AUG-2019 23:59. CREATED 02-MAY-2019 11:31)

**03/372/KMIA**

ZIN NAV NDB OUT OF SERVICE  
(29-MAR-2019 11:12 - 25-SEP-2019 20:00 EST. CREATED 29-MAR-2019 11:12)

**9/2478/KMIA**

MIA SID MIAMI INTL, MIAMI, FL.  
HITAG TWO DEPARTURE (RNAV)...  
JONZI TWO DEPARTURE (RNAV)...

MNATE TWO DEPARTURE (RNAV)...  
PADUS TWO DEPARTURE (RNAV)...  
SKIPS TWO DEPARTURE (RNAV)...  
VALLY TWO DEPARTURE (RNAV)...  
WINCO TWO DEPARTURE (RNAV)...  
TAKEOFF MINIMUMS: RWY 8L/R, 9: STANDARD WITH MINIMUM OBSTACLE CLIMB  
OF 500 FT PER NM TO 900 (12-002209, 12-085482).  
ALL OTHER DATA REMAINS AS PUBLISHED.  
(05-MAR-2019 18:08 - 15-OCT-2019 18:08 EST. CREATED 05-MAR-2019 18:08)

**9/2480/KMIA**

MIA SID MIAMI INTL, MIAMI, FL.  
POTTR SIX DEPARTURE...  
SOUBY FIVE DEPARTURE...  
TAKEOFF MINIMUMS: RWY 8R: STANDARD WITH MINIMUM CLIMB OF 382 FT PER  
NM TO 1800 (12-002209, 12-085482). TAKEOFF OBSTACLE NOTES: RWY 8R:  
TEMP CRANE 4381 FT FROM DER, 1165 FT RIGHT OF CENTERLINE, 151 FT  
AGL/158 FT MSL (2016-ASO-24569-OE).  
ALL OTHER DATA REMAINS AS PUBLISHED.  
(05-MAR-2019 18:08 - 15-OCT-2019 18:08 EST. CREATED 05-MAR-2019 18:08)

**9/8474/KMIA**

MIA IAP MIAMI INTL, MIAMI, FL.  
RNAV (GPS) Z RWY 8R, AMDT 1B...  
LPV DA 277/HAT 269.  
1902252036-2102252036EST  
(PERM. CREATED 25-FEB-2019 20:37)

**9/8262/KMIA**

MIA IAP MIAMI INTL, MIAMI, FL.  
RNAV (GPS) Z RWY 12, AMDT 1A...  
LNAV/VNAV DA 512/HAT 504.  
1902251850-2102251850EST  
(PERM. CREATED 25-FEB-2019 18:51)

**9/8201/KMIA**

MIA IAP MIAMI INTL, MIAMI, FL.  
RNAV (GPS) RWY 8L, AMDT 2A...  
LPV DA 279/HAT 271.  
1902251640-2102251640EST  
(PERM. CREATED 25-FEB-2019 16:41)

**9/8182/KMIA**

MIA IAP MIAMI INTL, MIAMI, FL.  
RNAV (RNP) Y RWY 8R, ORIG-B...  
RNP 0.30 DA 464/HAT 456.  
1902251624-2110071624EST  
(PERM. CREATED 25-FEB-2019 16:25)

**02/284/KMIA**

MIA OBST CRANE (ASN 2018-ASO-26887-OE) 254647N0801557W (1.6NM SE MIA) 114FT  
(110FT AGL) FLAGGED  
(22-FEB-2019 21:44 - 20-FEB-2020 22:00. CREATED 22-FEB-2019 21:45)

**02/283/KMIA**

MIA OBST CRANE (ASN 2018-ASO-26886-OE) 254647N0801551W (1.7NM SE MIA) 114FT  
(110FT AGL) FLAGGED  
(22-FEB-2019 21:44 - 20-FEB-2020 22:00. CREATED 22-FEB-2019 21:44)

**02/282/KMIA**

MIA OBST CRANE (ASN 2018-ASO-26885-OE) 254650N0801551W (1.6NM ESE MIA) 113FT  
(110FT AGL) FLAGGED  
(22-FEB-2019 21:43 - 20-FEB-2020 22:00. CREATED 22-FEB-2019 21:43)

**02/281/KMIA**

MIA OBST CRANE (ASN 2018-ASO-26884-OE) 254650N0801557W (1.6NM SE MIA) 113FT  
(110FT AGL) FLAGGED  
(22-FEB-2019 21:42 - 20-FEB-2020 22:00. CREATED 22-FEB-2019 21:42)

**01/110/KMIA**

MIA OBST CRANE (ASN 2018-ASO-25707-OE) 254643N0801537W (1.9NM ESE MIA) 175FT  
(167FT AGL) FLAGGED  
(14-JAN-2019 14:04 - 03-SEP-2019 12:00 EST. CREATED 14-JAN-2019 14:04)

**9/2174/KMIA**

MIA IAP MIAMI INTL, MIAMI, FL.  
ILS OR LOC RWY 12, AMDT 5A...  
S-LOC 12 MDA 600/HAT 592 ALL CATS, VIS CAT C RVR 6000.  
VDP 3.26 DME FROM GEM LOC/DME.  
TEMP CRANE 334 MSL 2.19 NM NW OF RWY 12 (2018-ASO-4422-OE).  
1901081608-1908201608EST  
(PERM. CREATED 08-JAN-2019 16:09)

**9/2172/KMIA**

MIA IAP MIAMI INTL, MIAMI, FL.  
RNAV (RNP) Y RWY 30, ORIG-A...  
PROCEDURE NA.  
TEMP CRANES 113 MSL 2328 FT SE OF RWY 27 (2015-ASO-11959-OE).  
1901081608-1908201608EST  
(PERM. CREATED 08-JAN-2019 16:09)

**01/058/KMIA**

MIA OBST CRANE (ASN 2018-ASO-11167-OE) 254840N0801933W (2.1NM WNW MIA) 193FT  
(186FT AGL) FLAGGED AND LGTD  
(07-JAN-2019 15:13 - 20-JAN-2020 23:00 EST. CREATED 07-JAN-2019 15:13)

**01/057/KMIA**

MIA OBST CRANE (ASN 2018-ASO-16634-OE) 254643N0801538W (1.9NM ESE MIA) 180FT  
(172FT AGL) FLAGGED  
(07-JAN-2019 15:10 - 30-SEP-2019 21:30. CREATED 07-JAN-2019 15:10)

**10/316/KMIA**

MIA OBST CRANE (ASN 2018-ASO-20841-OE) 254754N0801924W (1.8NM W MIA) 188FT  
(181FT AGL) FLAGGED  
(25-OCT-2018 16:52 - 01-NOV-2019 23:00. CREATED 25-OCT-2018 16:52)

**10/315/KMIA**

MIA OBST CRANE (ASN 2018-ASO-20056-OE) 254758N0801918W (1.7NM W MIA) 174FT  
(167FT AGL) FLAGGED  
(25-OCT-2018 16:51 - 01-NOV-2019 23:00. CREATED 25-OCT-2018 16:51)

**10/314/KMIA**

MIA OBST CRANE (ASN 2018-ASO-20057-OE) 254760N0801928W (1.9NM W MIA) 190FT  
(183FT AGL) FLAGGED  
(25-OCT-2018 16:50 - 01-NOV-2019 23:00. CREATED 25-OCT-2018 16:50)

**10/313/KMIA**

MIA OBST CRANE (ASN 2018-ASO-20054-OE) 254802N0801918W (1.7NM W MIA) 173FT  
(166FT AGL) FLAGGED  
(25-OCT-2018 16:49 - 01-NOV-2019 23:00. CREATED 25-OCT-2018 16:49)

**10/312/KMIA**

MIA OBST CRANE (ASN 2018-ASO-19531-OE) 254802N0801928W (1.9NM W MIA) 167FT  
(160FT AGL) FLAGGED  
(25-OCT-2018 16:48 - 01-NOV-2019 23:00. CREATED 25-OCT-2018 16:48)

**10/232/KMIA**

MIA OBST CRANE (ASN 2018-ASO-17900-OE) 254446N0801525W (3.4NM SSE MIA) 390FT

(380FT AGL) FLAGGED  
(17-OCT-2018 19:23 - 31-DEC-2019 23:00. CREATED 17-OCT-2018 19:23)

**10/231/KMIA**

MIA OBST CRANE (ASN 2018-ASO-17899-OE) 254446N0801528W (3.4NM SSE MIA) 390FT  
(380FT AGL) FLAGGED  
(17-OCT-2018 19:22 - 31-DEC-2019 23:00. CREATED 17-OCT-2018 19:22)

**10/230/KMIA**

MIA OBST CRANE (ASN 2018-ASO-17898-OE) 254444N0801528W (3.4NM SSE MIA) 390FT  
(380FT AGL) FLAGGED  
(17-OCT-2018 19:21 - 31-DEC-2019 23:00. CREATED 17-OCT-2018 19:21)

**06/266/KMIA**

MIA OBST CRANE (ASN 2016-ASO-22076-OE) 254827N0801847W (1.4NM WNW MIA) 107FT  
(100FT AGL) FLAGGED  
(22-JUN-2018 18:31 - 06-OCT-2019 20:00. CREATED 22-JUN-2018 18:31)

**DESTINATION: KMEM/MEM (MEMPHIS INTL, UNITED STATES)**

**UTC -05:00**

**07/260/KMEM**

MEM NAV ILS RWY 36L LOC/DME OUT OF SERVICE  
(20-JUL-2019 01:13 - 24-JUL-2019 20:00 EST. CREATED 20-JUL-2019 01:13)

**07/255/KMEM**

MEM RWY 18R RAI LGT OUT OF SERVICE  
(19-JUL-2019 15:54 - 23-JUL-2019 20:00 EST. CREATED 19-JUL-2019 15:54)

**07/253/KMEM**

MEM SVC TAR/SSR OUT OF SERVICE  
(22-JUL-2019 13:00 - 22-JUL-2019 22:30. CREATED 19-JUL-2019 13:01)

**07/252/KMEM**

MEM NAV ILS RWY 36L LOC/GP/DME OUT OF SERVICE  
(22-JUL-2019 12:30 - 22-JUL-2019 20:00. CREATED 19-JUL-2019 12:30)

**07/251/KMEM**

MEM NAV ILS RWY 18R LOC/GP OUT OF SERVICE  
(22-JUL-2019 12:30 - 22-JUL-2019 20:00. CREATED 19-JUL-2019 12:30)

**07/248/KMEM**

MEM NAV ILS RWY 36C CAT II/III NA  
(22-JUL-2019 12:00 - 23-JUL-2019 00:30. CREATED 19-JUL-2019 12:00)

**07/247/KMEM**

MEM NAV ILS RWY 36L CAT II/III NA  
(22-JUL-2019 12:00 - 23-JUL-2019 00:30. CREATED 19-JUL-2019 12:00)

**9/3899/KMEM**

MEM ODP MEMPHIS INTL, MEMPHIS, TN.  
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 4A...  
TAKEOFF OBSTACLE NOTES: RWY 18C, TEMPORARY CRANE 914 FT FROM DER,  
608 FT RIGHT OF CENTERLINE, 60 FT AGL/390 FT MSL  
(2018-ASO-2377-NRA).  
ALL OTHER DATA REMAINS AS PUBLISHED.  
(18-JUL-2019 15:07 - 20-AUG-2019 15:07 EST. CREATED 18-JUL-2019 15:09)

**07/240/KMEM**

MEM NAV ILS RWY 36C CAT II/III NA  
(21-JUL-2019 12:00 - 22-JUL-2019 00:30. CREATED 18-JUL-2019 12:00)

**07/226/KMEM**

MEM NAV ILS RWY 36L CAT II/III NA

(20-JUL-2019 13:05 - 21-JUL-2019 00:30. CREATED 17-JUL-2019 15:55)

**07/225/KMEM**

MEM NAV ILS RWY 36C CAT II/III NA

(20-JUL-2019 13:05 - 21-JUL-2019 00:30. CREATED 17-JUL-2019 15:55)

**07/195/KMEM**

MEM RWY 09 RAI LGT OUT OF SERVICE

(16-JUL-2019 10:23 - 24-JUL-2019 20:00 EST. CREATED 16-JUL-2019 10:23)

**07/160/KMEM**

MEM OBST TOWER LGT (ASR 1051232) 345754.70N0900913.30W (9.9NM WSW MEM)  
512.1FT (313.0FT AGL) OUT OF SERVICE

(14-JUL-2019 11:12 - 13-AUG-2019 11:12. CREATED 14-JUL-2019 11:12)

**07/159/KMEM**

MEM TWY S6 EDGE MARKINGS BTN RWY 18L/36R AND TWY S REMOVED

(14-JUL-2019 01:06 - 31-AUG-2019 19:30 EST. CREATED 14-JUL-2019 01:06)

**M0004/19/KMEM**

RAMP MIL RAMP OPERATING HOURS ARE 1230-0430Z++ MON-FRI, CLDS ALTN

MON AND HOL DUE ALTN WORK SKED. MIL RAMP IS CLOSED OUTSIDE OF

PUBLISHED HOURS WITHOUT OG/CC APPROVAL DSN 726-7530, C901-291-7530.

(12-JUL-2019 17:19 - 04-OCT-2019 23:59. CREATED 12-JUL-2019 17:19)

**07/135/KMEM**

MEM TWY S EDGE MARKINGS BTN TWY D AND TWY S4 REMOVED

(12-JUL-2019 03:34 - 31-AUG-2019 19:30. CREATED 12-JUL-2019 03:34)

**9/6000/KMEM**

MEM CHART MEMPHIS INTL, MEMPHIS, TN.

ILS OR LOC RWY 18L, AMDT 2D...

CORRECT MINIMUMS: CHANGE CIRCLING CAT E HAA TO READ 799 INSTEAD OF  
779. CHANGE BRYSN FIX CIRCLING CAT E HAA TO READ 799 INSTEAD OF  
779. ALL OTHER INFORMATION REMAINS THE SAME.

1907031611-PERM

(PERM. CREATED 03-JUL-2019 16:11)

**9/5528/KMEM**

MEM IAP MEMPHIS INTL, MEMPHIS, TN.

ILS OR LOC RWY 27, AMDT 4C...

S-ILS 27 DA 538/HAT 250 ALL CATS. TEMP CRANE 487 MSL 2099 FT SW OF  
RWY 27 (2017-ASO-3440-NRA).

1907021852-1909021852EST

(PERM. CREATED 02-JUL-2019 18:52)

**9/5526/KMEM**

MEM IAP MEMPHIS INTL, MEMPHIS, TN.

RNAV (GPS) RWY 27, AMDT 2D...

LPV DA 538/HAT 250 ALL CATS. TEMP CRANE 487 MSL 2099 FT SW OF RWY  
27 (2017-ASO-3440-NRA).

1907021851-1909021851EST

(PERM. CREATED 02-JUL-2019 18:51)

**06/772/KMEM**

MEM TWY S EDGE MARKINGS BTN TWY D AND TWY S7 NOT STD

(29-JUN-2019 09:35 - 31-JUL-2019 05:00. CREATED 29-JUN-2019 09:35)

**06/058/KMEM**

MEM OBST TOWER LGT (ASN UNKNOWN) 350607N0901025W (12NM W MEM) 671FT (226FT  
AGL) U/S

(04-JUN-2019 19:36 - 31-DEC-2020 23:59. CREATED 04-JUN-2019 19:38)

**06/057/KMEM**



MEM OBST TOWER LGT (ASN UNKNOWN) 350619.77N0901055.30W (12NM W MEM) 671FT  
(226FT AGL) U/S  
(04-JUN-2019 19:33 - 31-DEC-2020 23:59. CREATED 04-JUN-2019 19:37)

**06/056/KMEM**

MEM OBST TOWER LGT (ASN UNKNOWN) 350505.40N0901002.50W (12NM W MEM) 671FT  
(226FT AGL) U/S  
(04-JUN-2019 19:24 - 31-DEC-2020 23:59. CREATED 04-JUN-2019 19:29)

**M0003/19/KMEM**

RAMP MIL RAMP OPERATING AT REDUCED ARFF DOWNGRADED TO YELLOW PER  
AFI13-204V3 ANGSUP15.1.1.3.10.2.  
(05-MAY-2019 13:35 - 02-AUG-2019 23:59. CREATED 05-MAY-2019 13:35)

**ALTERNATE: KBNA/BNA (NASHVILLE INTL, UNITED STATES)**

**UTC -05:00**

**07/416/KBNA**

BNA AIRSPACE UAS WI AN AREA DEFINED AS .25NM RADIUS OF 355543N0864858W  
(14.3NM SW BNA) SFC-250FT AGL  
(20-JUL-2019 15:00 - 20-JUL-2019 21:00. CREATED 19-JUL-2019 18:32)

**07/410/KBNA**

BNA NAV ILS RWY 20L OUT OF SERVICE  
(22-JUL-2019 13:00 - 23-JUL-2019 22:00. CREATED 19-JUL-2019 13:27)

**07/409/KBNA**

BNA NAV ILS RWY 02R OUT OF SERVICE  
(22-JUL-2019 13:00 - 23-JUL-2019 22:00. CREATED 19-JUL-2019 13:25)

**07/408/KBNA**

BNA AD AP LGT ALL NOT MNT  
(21-JUL-2019 04:00 - 21-JUL-2019 10:00. CREATED 19-JUL-2019 12:17)

**07/406/KBNA**

BNA RWY 13/31 CLSD  
(21-JUL-2019 04:00 - 21-JUL-2019 10:00. CREATED 19-JUL-2019 11:52)

**07/405/KBNA**

BNA RWY 02L/20R CLSD  
(21-JUL-2019 04:00 - 21-JUL-2019 10:00. CREATED 19-JUL-2019 11:51)

**07/404/KBNA**

BNA AD AP CLSD TO TGL AND PLA  
(21-JUL-2019 04:00 - 21-JUL-2019 10:00. CREATED 19-JUL-2019 11:49)

**07/396/KBNA**

BNA SVC MBST/WS DETECTION SYSTEM NOT AVBL  
(21-JUL-2019 04:00 - 21-JUL-2019 10:00. CREATED 18-JUL-2019 21:04)

**07/395/KBNA**

BNA AD AP RVR ALL OUT OF SERVICE  
(21-JUL-2019 04:00 - 21-JUL-2019 10:00. CREATED 18-JUL-2019 21:02)

**07/394/KBNA**

BNA SVC TAR/SSR OUT OF SERVICE  
(21-JUL-2019 04:00 - 21-JUL-2019 10:00. CREATED 18-JUL-2019 20:58)

**07/393/KBNA**

BNA NAV ILS RWY 02R CAT II/III NA  
(21-JUL-2019 04:00 - 21-JUL-2019 10:00. CREATED 18-JUL-2019 20:57)

**07/392/KBNA**

BNA NAV ILS RWY 02L CAT II/III NA

(21-JUL-2019 04:00 - 21-JUL-2019 10:00. CREATED 18-JUL-2019 20:57)

**07/391/KBNA**

BNA NAV ILS RWY 20L NOT MNT

(21-JUL-2019 04:00 - 21-JUL-2019 10:00. CREATED 18-JUL-2019 20:55)

**07/390/KBNA**

BNA NAV ILS RWY 02R NOT MNT

(21-JUL-2019 04:00 - 21-JUL-2019 10:00. CREATED 18-JUL-2019 20:55)

**07/389/KBNA**

BNA NAV ILS RWY 02L NOT MNT

(21-JUL-2019 04:00 - 21-JUL-2019 10:00. CREATED 18-JUL-2019 20:55)

**07/388/KBNA**

BNA NAV ILS RWY 02C NOT MNT

(21-JUL-2019 04:00 - 21-JUL-2019 10:00. CREATED 18-JUL-2019 20:55)

**07/386/KBNA**

BNA COM REMOTE COM OUTLET OUT OF SERVICE

(21-JUL-2019 04:00 - 21-JUL-2019 10:00. CREATED 18-JUL-2019 20:48)

**07/385/KBNA**

BNA COM REMOTE TRANS/REC OUT OF SERVICE

(21-JUL-2019 04:00 - 21-JUL-2019 10:00. CREATED 18-JUL-2019 20:47)

**07/384/KBNA**

BNA COM CPDLC NOT AVBL

(21-JUL-2019 04:00 - 21-JUL-2019 10:00. CREATED 18-JUL-2019 20:45)

**07/383/KBNA**

BNA SVC ATIS 135.1 NOT AVBL

(21-JUL-2019 04:00 - 21-JUL-2019 10:00. CREATED 18-JUL-2019 20:43)

**07/373/KBNA**

BNA TWY L BTN TWY T4 AND TWY T5 CLSD

(18-JUL-2019 14:13 - 06-AUG-2019 21:00. CREATED 18-JUL-2019 14:13)

**07/372/KBNA**

BNA TWY J BTN TWY T4 AND TWY T5 CLSD

(18-JUL-2019 14:12 - 06-AUG-2019 21:00. CREATED 18-JUL-2019 14:12)

**07/371/KBNA**

BNA TWY T3 BTN RWY 13/31 AND TWY L CLSD

(18-JUL-2019 14:11 - 06-AUG-2019 21:00. CREATED 18-JUL-2019 14:11)

**07/370/KBNA**

BNA TWY T4 BTN TERMINAL RAMP AND RWY 13/31 CLSD

(18-JUL-2019 14:10 - 06-AUG-2019 21:00. CREATED 18-JUL-2019 14:10)

**9/3710/KBNA**

BNA CHART NASHVILLE INTL, NASHVILLE, TN.

NASHVILLE FIVE DEPARTURE ...

CORRECT PLANVIEW: CHANGE TAKEOFF MINIMUMS TO READ RWY 31 INSTEAD OF RWY 30. ALL OTHER INFORMATION REMAINS THE SAME.

1907181149-PERM

(PERM. CREATED 18-JUL-2019 11:49)

**07/359/KBNA**

BNA SVC SEE ZME 07/200 NASHVILLE APP CLSD

(21-JUL-2019 04:00 - 21-JUL-2019 10:00. CREATED 18-JUL-2019 04:01)

**07/315/KBNA**

BNA APRON TXL U CLSD

(15-JUL-2019 17:08 - 20-JUL-2019 22:00. CREATED 15-JUL-2019 17:08)

**07/142/KBNA**

BNA OBST TOWER LGT (ASR 1063907) 355953.00N0864727.00W (9.4NM SW BNA)  
1476.0FT (808.1FT AGL) OUT OF SERVICE  
(07-JUL-2019 04:38 - 07-SEP-2019 23:59. CREATED 07-JUL-2019 04:38)

**07/007/KBNA**

BNA COM REMOTE COM OUTLET 122.2 OUT OF SERVICE  
(01-JUL-2019 10:32 - 31-JUL-2019 20:00 EST. CREATED 01-JUL-2019 10:32)

**06/475/KBNA**

BNA TWY A1 SFC PAINTED HLDG PSN SIGNS NOT MARKED  
(21-JUN-2019 12:20 - 19-AUG-2019 22:00. CREATED 21-JUN-2019 12:20)

**06/474/KBNA**

BNA TWY C1 CLSD  
(21-JUN-2019 12:18 - 19-AUG-2019 22:00. CREATED 21-JUN-2019 12:19)

**06/473/KBNA**

BNA TWY A BTN TWY A1 AND TWY C2 CLSD  
(21-JUN-2019 12:17 - 19-AUG-2019 22:00. CREATED 21-JUN-2019 12:17)

**06/472/KBNA**

BNA TWY A1 CLSD TO ACFT WINGSPAN MORE THAN 90FT  
(21-JUN-2019 12:15 - 19-AUG-2019 22:00. CREATED 21-JUN-2019 12:15)

**9/9057/KBNA**

BNA SID NASHVILLE INTL, NASHVILLE, TN.  
NASHVILLE FIVE DEPARTURE...  
DEPARTURE ROUTE DESCRIPTION:  
TAKEOFF RWY 31: CLIMB HEADING 316.32 OR ASSIGNED ATC HEADING,  
THENCE...  
DISREGARD TAKEOFF RWY 30: CLIMB HEADING 316.32 OR ASSIGNED ATC  
HEADING, THENCE...  
ALL OTHER DATA REMAINS AS PUBLISHED.  
(20-JUN-2019 12:32 - 21-JUN-2021 12:32 EST. CREATED 20-JUN-2019 12:33)

**9/1235/KBNA**

BNA IAP NASHVILLE INTL, NASHVILLE, TN.  
RNAV (GPS) Y RWY 31, AMDT 2...  
LNAV MDA 1140/HAT 562 ALL CATS.  
CIRCLING CATS A/B MDA 1160/HAA 561. TEMPORARY CRANES UP TO 877 MSL  
2934 FT N OF RWY 31 (2018-ASO-5443 THRU 5451-NRA). EXCEPT WHEN  
ADVISED BY ATCT THAT CRANES ARE DOWN.  
1906101100-1911151935EST  
(PERM. CREATED 07-JUN-2019 19:36)

**9/1237/KBNA**

BNA IAP NASHVILLE INTL, NASHVILLE, TN.  
ILS OR LOC RWY 20R, AMDT 11...  
ILS OR LOC RWY 2C, AMDT 2...  
ILS OR LOC RWY 2L, AMDT 11...  
ILS OR LOC RWY 31, AMDT 10...  
RNAV (GPS) Y RWY 2C, AMDT 2A...  
RNAV (GPS) Y RWY 2L, AMDT 3A...  
RNAV (GPS) Y RWY 2R, AMDT 2D...  
CIRCLING CATS A/B MDA 1160/HAA 561.  
TEMPORARY CRANES UP TO 877 MSL 3175 FT NE OF KBNA (2018-ASO-5443  
THRU 5451-NRA).  
EXCEPT WHEN ADVISED BY ATCT THAT CRANES ARE DOWN.  
1906101100-1911151935EST  
(PERM. CREATED 07-JUN-2019 19:36)

**9/1236/KBNA**

BNA IAP NASHVILLE INTL, NASHVILLE, TN.  
RNAV (GPS) RWY 13, AMDT 1...  
VOR/DME RWY 13, AMDT 13D...  
CIRCLING CATS A/B/C MDA 1160/HAA 561.  
TEMPORARY CRANES UP TO 877 MSL 3175 FT NE OF KBNA (2018-ASO-5443  
THRU 5451-NRA).  
EXCEPT WHEN ADVISED BY ATCT THAT CRANES ARE DOWN.  
1906101100-1911151935EST  
(PERM. CREATED 07-JUN-2019 19:36)

**9/1234/KBNA**

BNA IAP NASHVILLE INTL, NASHVILLE, TN.  
RNAV (GPS) RWY 20C, ORIG-B...  
LNAV MDA 1140/HAT 552 ALL CATS, VIS CATS C/D RVR 5500.  
CIRCLING CATS A/B MDA 1160/HAA 561. TEMPORARY CRANES UP TO 877 MSL  
3567 FT NE OF RWY 20C (2018-ASO-5443 THRU 5451-NRA). EXCEPT WHEN  
ADVISED BY ATCT THAT CRANES ARE DOWN.  
1906101100-1911151935EST  
(PERM. CREATED 07-JUN-2019 19:36)

**9/1233/KBNA**

BNA IAP NASHVILLE INTL, NASHVILLE, TN.  
RNAV (RNP) Z RWY 20L, AMDT 2A...  
RNP 0.20 DA 882/HAT 331 ALL CATS.  
TEMPORARY CRANES UP TO 877 MSL 2459 FT SW OF RWY 20L (2018-ASO-5443  
THRU 5451-NRA). EXCEPT WHEN ADVISED BY ATCT THAT CRANES ARE DOWN.  
1906101100-1911151935EST  
(PERM. CREATED 07-JUN-2019 19:36)

**9/1232/KBNA**

BNA IAP NASHVILLE INTL, NASHVILLE, TN.  
RNAV (GPS) Y RWY 20L, AMDT 2B...  
LPV DA 886/HAT 335 ALL CATS.  
LNAV MDA 1120/HAT 569 ALL CATS, VIS CATS C/D RVR 5500.  
CIRCLING CATS A/B MDA 1160/HAA 561. TEMPORARY CRANES UP TO 877 MSL  
2459 FT SW OF RWY 20L (2018-ASO-5443 THRU 5451-NRA). EXCEPT WHEN  
ADVISED BY ATCT THAT CRANES ARE DOWN.  
1906101100-1911151935EST  
(PERM. CREATED 07-JUN-2019 19:36)

**9/1231/KBNA**

BNA IAP NASHVILLE INTL, NASHVILLE, TN.  
ILS OR LOC/DME RWY 20L, AMDT 6A...  
S-ILS 20L DA 886/HAT 335 ALL CATS.  
S-LOC 20L MDA 1080/HAT 529 ALL CATS, VIS CATS C/D RVR 5500.  
CIRCLING CATS A/B MDA 1160/HAA 561. TEMPORARY CRANES UP TO 877 MSL  
2459 FT SW OF RWY 20L (2018-ASO-5443 THRU 5451-NRA). EXCEPT WHEN  
ADVISED BY ATCT THAT CRANES ARE DOWN.  
1906101100-1911151935EST  
(PERM. CREATED 07-JUN-2019 19:36)

**9/1230/KBNA**

BNA IAP NASHVILLE INTL, NASHVILLE, TN.  
ILS OR LOC/DME RWY 2R, AMDT 8B...  
S-LOC 2R MDA 980/HAT 390 ALL CATS.  
CIRCLING CATS A/B MDA 1160/HAA 561. TEMPORARY CRANES UP TO 877 MSL  
5902 FT N OF RWY 2R (2018-ASO-5443 THRU 5451-NRA). EXCEPT WHEN  
ADVISED BY ATCT THAT CRANES ARE DOWN.  
1906101100-1911151935EST  
(PERM. CREATED 07-JUN-2019 19:36)

**05/236/KBNA**

BNA TWY L BTN TWY B AND TWY T3 CLSD

(13-MAY-2019 13:30 - 26-AUG-2019 22:00. CREATED 12-MAY-2019 14:46)

**04/368/KBNA**

BNA AD AP ARFF NOW INDEX D DLY 1900-0350  
(19-APR-2019 19:00 - 01-NOV-2019 03:50. CREATED 18-APR-2019 07:02)

**03/178/KBNA**

BNA OBST CRANE (ASN 2018-ASO-5449-NRA) 360745N863956W 300FT AGL DURING VFR  
CONDITIONS ONLY FLAGGED AND LGTD DLY SR-SS  
(11-MAR-2019 12:00 - 01-MAY-2020 23:00. CREATED 11-MAR-2019 11:52)

**02/562/KBNA**

BNA OBST CRANE (ASN 2018-ASO-5516-NRA) 360754N0863956W (0.7NM NE BNA) 822FT  
(265FT AGL) FLAGGED AND LGTD  
(28-FEB-2019 16:34 - 31-DEC-2019 23:00. CREATED 28-FEB-2019 16:34)

**02/291/KBNA**

BNA RWY 13 VASI OUT OF SERVICE  
(15-FEB-2019 15:41 - 30-AUG-2019 23:00. CREATED 15-FEB-2019 15:41)

**8/2079/KBNA**

BNA IAP NASHVILLE INTL, NASHVILLE, TN.  
ILS OR LOC RWY 2C, AMDT 2...  
DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM  
WITH GPS.  
LVT R-270 UNUSABLE AT TANDS.  
1812172010-2012172010EST  
(PERM. CREATED 17-DEC-2018 20:11)

**10/011/KBNA**

BNA OBST TOWER LGT (ASR 1044389) 360553.00N0864531.00W (4.2NM WSW BNA)  
1033.5FT (439.6FT AGL) OUT OF SERVICE  
(01-OCT-2018 14:07 - 01-OCT-2019 23:59. CREATED 01-OCT-2018 14:07)

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

**07/392/KZMA**

ZMA AIRSPACE R2933 ACT 5000FT-9000FT  
(21-JUL-2019 03:00 - 21-JUL-2019 05:00. CREATED 20-JUL-2019 03:04)

**07/391/KZMA**

ZMA AIRSPACE R2934 ACT SFC-FL180  
(21-JUL-2019 03:00 - 21-JUL-2019 05:00. CREATED 20-JUL-2019 03:04)

**07/389/KZMA**

ZMA AIRSPACE R2934 ACT SFC-1000FT  
(21-JUL-2019 02:00 - 21-JUL-2019 03:00. CREATED 20-JUL-2019 02:04)

**A1127/19/KZMA**

LAKE PLACID MOA ACT. MIAMI CENTER WILL NOT APPROVE IFR FLIGHT AND  
VFR FLIGHTS 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 2704N8128W TO POINT OF ORIGIN.  
7000FT-FL400  
(22-JUL-2019 13:00 - 22-JUL-2019 19:30. CREATED 19-JUL-2019 21:49)

**A1126/19/KZMA**

RESERVATION  
AVON HI COMPLEX ACT. MIAMI CENTER WILL NOT APPROVE IFR FLIGHTS 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 FLIGHTS ARE ENCOURAGED TO EXERCISE EXTREME CAUTION.

SFC-FL400

(22-JUL-2019 13:00 - 22-JUL-2019 19:30. CREATED 19-JUL-2019 21:49)

**A1125/19/KZMA**

RESERVATION

AVON HI COMPLEX ACT. MIAMI CENTER WILL NOT APPROVE IFR FLIGHTS 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 FLIGHTS ARE ENCOURAGED TO EXERCISE EXTREME CAUTION.

SFC-FL250

(21-JUL-2019 14:30 - 21-JUL-2019 21:30. CREATED 19-JUL-2019 20:55)

**A1124/19/KZMA**

LAKE PLACID MOA ACT. MIAMI CENTER WILL NOT APPROVE IFR FLIGHT AND VFR FLIGHTS ARE ENCOURAGED TO EXERCISE EXTREME CAUTION WI AN AREA DEFINED AS 2753N08151W TO 2800N08120W TO 2755N08125W TO 2742N08125W TO 2732N08121W TO 2730N08117W TO 2724N08110W TO 2715N08104W TO 2704N08116W TO 2704N08128W TO POINT OF ORIGIN.

7000FT-FL250

(21-JUL-2019 14:30 - 21-JUL-2019 21:30. CREATED 19-JUL-2019 20:55)

**A1117/19/KZMA**

STATIONARY ALTITUDE RESERVATION MANATEE ACT. MIAMI CENTER WILL NOT APPROVE IFR FLIGHTS AND VFR SHOULD EXERCISE EXTREME CAUTION WI AN AREA DEFINED AS 2900N07500W TO 2900N07200W TO 2600N07200W TO 2600N07500W TO POINT OF ORIGIN.

SFC-FL250

(24-JUL-2019 15:00 - 24-JUL-2019 21:00. CREATED 16-JUL-2019 23:24)

**07/213/KZMA**

ZMA OBST TOWER LGT (ASR 1302429) 273512.30N0813515.20W (3.13NM W AVO) 348FT (248FT AGL) OUT OF SERVICE

(15-JUL-2019 05:02 - 29-JUL-2019 13:00. CREATED 15-JUL-2019 05:02)

**07/071/KZMA**

ZMA NAV GPS (CSG4 GPS 19-02) (INCLUDING WAAS, GBAS, AND ADS-B) MAY NOT BE AVBL WI A 400NM RADIUS CENTERED AT 304514N0802321W (CRG072063) FL400-UNL, 352NM RADIUS AT FL250, 286NM RADIUS AT 10000FT, 241NM RADIUS AT 4000FT AGL, 180NM RADIUS AT 50FT AGL.

DLY 1700-2300

1907201700-1907212300

(PERM. CREATED 13-JUL-2019 18:51)

**07/065/KZMA**

ZMA NAV GPS (CSG4 GPS 19-02) (INCLUDING WAAS, GBAS, AND ADS-B) MAY NOT BE AVBL WI A 400NM RADIUS CENTERED AT 304514N0802321W (CRG072063) FL400-UNL, 352NM RADIUS AT FL250, 286NM RADIUS AT 10000FT, 241NM RADIUS AT 4000FT AGL, 180NM RADIUS AT 50FT AGL.

1907221700-1907222200

(PERM. CREATED 13-JUL-2019 18:42)

**A1081/19/KZMA**

THE FOLLOWING AIRSPACE RSVN IN USE FOR AIR OPNS.

TAILHOOK DELTA AFFECTING

AR3/AR16/AR18/AR23/AR24/BR65V/G446/Y307/Y319.

FROM 3000N/7713W TO 2930N/7818W TO 2920N/7820W TO 2914N/7843W TO 3000N/7836W TO POINT OF ORIGIN.

SFC-FL300

TAILHOOK ECHO 1 FROM 2912N7937W TO 2857N7943W TO 2850N8006W TO 2850N8029W TO 2853N8031W TO 2854N8027W TO POINT OF ORIGIN.

13000FT-FL430

TAILHOOK ECHO 2 AFFECTING AR6,AR15,AR17,AR19 AND AR21 FROM 2933N7840W TO 2914N7843W TO 2857N7943W TO 2912N7937W TO POINT OF ORIGIN.

13000FT-FL300

TAILHOOK FOX AFFECTING AR3,AR16,AR17,AR18,AR19,AR21,AR22,AR23,AR24 AND G446.

FROM 3000N/7700W TO 2800N/7704N TO 2800N/7945W TO 2856N/7945W TO 2920N/7820W TO 2930N/7818W TO 3000N/7713W TO POINT OF ORIGIN.

SFC-FL300.

END PART 1 OF 2

(11-JUL-2019 00:45 - 03-AUG-2019 23:00. CREATED 11-JUL-2019 00:42)

**A1081/19/KZMA**

TAILHOOK FOX EXTENSION.

FROM 2850N/8029W TO 2850N/8006W TO 2856N/7945W TO 2800N/7945W TO POINT OF ORIGIN.

6000FT-FL300

TIMES ARE SUBJECT TO CHANGE. CALL ZMA MISSION DESK @ 305-716-1589 FOR REAL TIME SCHEDULING.

SFC-FL430

END PART 2 OF 2

(11-JUL-2019 00:45 - 03-AUG-2019 23:00. CREATED 11-JUL-2019 00:42)

**A1079/19/KZMA**

AIRSPACE STNR ALT RESERVATION GYPSY FOR MIL OPS.

MIAMI CENTER WILL NOT APPROVE IFR FLTS AND VFR SHOULD EXERCISE

EXTREME CAUTION WI AN AREA DEFINED AS 3414N07400W TO 2800N07400W TO 2800N07700W TO 3214N07700W TO 3214N07651W TO POINT OF ORIGIN.

SFC-FL280

DLY 1000-0200

(25-JUL-2019 10:00 - 02-AUG-2019 02:00. CREATED 10-JUL-2019 22:31)

**A1055/19/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

(31-JUL-2019 10:00 - 31-JUL-2019 22:00. CREATED 02-JUL-2019 16:20)

**A1053/19/KZMA**

AIRMEN ARE ADVISED THE FOLLOWING AREA ACT 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 1100-2100

(11-JUL-2019 11:00 - 24-JUL-2019 21:00. CREATED 02-JUL-2019 14:16)

**A1007/19/KZMA**

STATIONARY ALTITUDE RESERVATION MANATEE ACT.  
MIAMI CENTER WILL NOT APPROVE IFR FLIGHTS AND VFR  
SHOULD EXERCISE EXTREME CAUTION WI AN AREA DEFINED AS  
2900N07500W TO 2900N07200W TO 2600N07200W TO 2600N07500W  
TO POINT OF ORIGIN.

SFC-FL250

(23-JUL-2019 23:47 - 24-JUL-2019 02:47. CREATED 24-JUN-2019 23:31)

**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)

**9/6916/KZMA**

ZMA FL..ROUTE ZMA.  
V295 BLUFI, FL MRA 6000.  
VKZ VOR/DME R-018 UNUSABLE BEYOND 71 NM.  
(25-JAN-2019 16:56 - 25-JAN-2021 16:56 EST. CREATED 25-JAN-2019 16:57)

**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 (ZWY) DEPENDING ON THEIR DEST MUST  
FILE AS FOLLOWS:

TO MDSO:

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 NTPA (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)

**A1636/18/KZMA**

ROUTE Y587 IS CLSD BTN SKIPS AND HARDE.  
SFC-FL600  
(08-NOV-2018 00:00 - PERM. CREATED 07-NOV-2018 14:43)

**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)

**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. )

-/KZMA

LACEN PATOY JAWJA -

**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. )

**L453/KZMA**

- LAMER L453 RODRK FIPEK Y355 KOLAO JETSS

**L452/KZMA**

- LNHOM L452 SLUKA FIPEK Y355 KOLAO JETSS

**KZJX (JACKSONVILLE FIR)**

**07/411/KZJX**

ZJX AIRSPACE MOODY 2 NORTH MOA ACT 500FT-7999FT  
(20-JUL-2019 15:40 - 20-JUL-2019 16:40. CREATED 20-JUL-2019 09:44)

**07/410/KZJX**

ZJX AIRSPACE HAWG NORTH MOA ACT 8000FT UP TO BUT NOT INCLUDING FL180  
(20-JUL-2019 15:40 - 20-JUL-2019 16:40. CREATED 20-JUL-2019 09:44)

**07/409/KZJX**

ZJX AIRSPACE HAWG SOUTH MOA ACT 8000FT UP TO BUT NOT INCLUDING FL180  
(20-JUL-2019 15:40 - 20-JUL-2019 16:40. CREATED 20-JUL-2019 09:44)

**07/404/KZJX**

ZJX AIRSPACE R3008A ACT SFC-10000FT  
(20-JUL-2019 13:00 - 20-JUL-2019 21:00. CREATED 20-JUL-2019 07:04)

**07/403/KZJX**

ZJX AIRSPACE R3005C ACT SFC-FL290  
(21-JUL-2019 07:01 - 21-JUL-2019 09:59. CREATED 20-JUL-2019 07:04)

**07/402/KZJX**

ZJX AIRSPACE R3008C ACT 500FT-10000FT  
(20-JUL-2019 13:00 - 20-JUL-2019 21:00. CREATED 20-JUL-2019 07:04)

**07/401/KZJX**

ZJX AIRSPACE R3008D ACT 10000FT UP TO BUT NOT INCLUDING FL230  
(20-JUL-2019 13:00 - 20-JUL-2019 21:00. CREATED 20-JUL-2019 07:04)

**07/400/KZJX**

ZJX AIRSPACE R3008B ACT 100FT-10000FT  
(20-JUL-2019 13:00 - 20-JUL-2019 21:00. CREATED 20-JUL-2019 07:04)

**07/398/KZJX**

ZJX AIRSPACE R3005D ACT SFC-FL290  
(21-JUL-2019 04:01 - 21-JUL-2019 09:59. CREATED 20-JUL-2019 04:04)

**07/397/KZJX**

ZJX AIRSPACE R3005A ACT SFC-FL290  
(21-JUL-2019 04:01 - 21-JUL-2019 09:59. CREATED 20-JUL-2019 04:04)

**07/395/KZJX**

ZJX AIRSPACE R3005B ACT SFC-FL290  
(21-JUL-2019 04:01 - 21-JUL-2019 09:59. CREATED 20-JUL-2019 04:04)

**07/394/KZJX**

ZJX AIRSPACE R3005E ACT SFC-FL290  
(21-JUL-2019 04:01 - 21-JUL-2019 09:59. CREATED 20-JUL-2019 04:04)

**07/380/KZJX**

ZJX AIRSPACE R2903A ACT SFC-4900FT  
(20-JUL-2019 23:01 - 21-JUL-2019 04:00. CREATED 19-JUL-2019 23:04)

**07/379/KZJX**

ZJX AIRSPACE R2904A ACT SFC-1799FT  
(20-JUL-2019 21:01 - 21-JUL-2019 04:00. CREATED 19-JUL-2019 21:04)

**07/362/KZJX**

ZJX AIRSPACE W151E ACT 12000FT-FL250  
(20-JUL-2019 13:00 - 20-JUL-2019 23:00. CREATED 19-JUL-2019 13:04)

**07/361/KZJX**

ZJX AIRSPACE W151A ACT 12000FT-FL250  
(20-JUL-2019 13:00 - 20-JUL-2019 16:59. CREATED 19-JUL-2019 13:04)

**07/356/KZJX**

ZJX AIRSPACE R2904A ACT SFC-1799FT  
(20-JUL-2019 11:30 - 20-JUL-2019 11:59. CREATED 19-JUL-2019 11:34)

**07/268/KZJX**

ZJX AIRSPACE LGT OUT/NIGHT VISION GOGGLE TRAINING MOODY 2 NORTH MOA ACT  
500FT-7999FT  
(20-JUL-2019 18:10 - 20-JUL-2019 19:10. CREATED 18-JUL-2019 18:14)

**07/267/KZJX**

ZJX AIRSPACE PJE WI AN AREA DEFINED AS 5NM RADIUS OF SAV063031.3 (5NM NNW  
ARW) SFC-5000FT AVOIDANCE ADZ  
(20-JUL-2019 16:30 - 20-JUL-2019 20:30. CREATED 18-JUL-2019 18:02)

**07/266/KZJX**

ZJX AIRSPACE AEROBATIC ACFT WI AN AREA DEFINED AS 5NM RADIUS OF SAV063031.3  
(5NM NNW ARW) SFC-10000FT AVOIDANCE ADZ  
(20-JUL-2019 16:30 - 20-JUL-2019 20:30. CREATED 18-JUL-2019 18:01)

**07/266/KZJX**

ZJX AIRSPACE LGT OUT/NIGHT VISION GOGGLE TRAINING MOODY 2 NORTH MOA ACT  
500FT-7999FT  
(20-JUL-2019 15:40 - 20-JUL-2019 16:40. CREATED 18-JUL-2019 15:44)

**07/149/KZJX**

ZJX NAV GPS (FBNC GPS 19-47) (INLCUDING WAAS, GBS, AND  
ADS-B) MAY NOT BE AVBL WI A 111NM RADIUS CENTERED AT 350215N0790613W  
(RDU206052) FL400-UNL,  
112NM RADIUS AT FL250,  
110NM RADIUS AT 1000FT,  
75NM RADIUS AT 4000FT AGL,

19NM RADIUS AT 50FT AGL.  
DLY 1300-1600  
1907231300-1907241600  
(PERM. CREATED 18-JUL-2019 13:32)

**07/089/KZJX**

ZJX AIRSPACE STNR ALT RESERVATION WI  
AREA DEFINED AS THE LATERAL CONFINES OF W140A, W140B FL250-FL300  
LARGE FORCE MIL EXERCISE. AVOIDANCE ADVISED.  
(23-JUL-2019 17:00 - 23-JUL-2019 21:30. CREATED 14-JUL-2019 17:25)

**07/086/KZJX**

ZJX AIRSPACE STATIONARY ALTITUDE RESERVATION WI  
AREA DEFINED AS 321231N/0781259W TO 330001N/0772859W TO  
322001N/0771959W TO 312400N/0782055W TO POINT OF BEGINNING.  
MULTIPLE MILITARY AIRCRAFT. AVOIDANCE ADVISED.

FL200-FL300  
(23-JUL-2019 17:00 - 23-JUL-2019 21:30. CREATED 14-JUL-2019 17:15)

**07/070/KZJX**

ZJX NAV GPS (CSG4 GPS 19-02) (INCLUDING WAAS, GBAS, AND  
ADS-B) MAY NOT BE AVBL WI A 400NM RADIUS CENTERED AT 304514N0802321W  
(CRG072063) FL400-UNL,  
352NM RADIUS AT FL250, 286NM RADIUS AT 10000FT, 241NM RADIUS AT  
4000FT AGL,  
180NM RADIUS AT 50FT AGL.  
DLY 1700-2300  
1907201700-1907212300  
(PERM. CREATED 13-JUL-2019 18:51)

**07/064/KZJX**

ZJX NAV GPS (CSG4 GPS 19-02) (INCLUDING WAAS, GBAS, AND  
ADS-B) MAY NOT BE AVBL WI A 400NM RADIUS CENTERED AT 304514N0802321W  
(CRG072063) FL400-UNL,  
352NM RADIUS AT FL250, 286NM RADIUS AT 10000FT, 241NM RADIUS AT  
4000FT AGL,  
180NM RADIUS AT 50FT AGL.  
1907221700-1907222200  
(PERM. CREATED 13-JUL-2019 18:42)

**07/162/KZJX**

ZJX AIRSPACE LOW FLYING ACFT OPS WI AN AREA DEFINED AS VAN199012.9 TO  
CHS167017 TO CHS113018.5 TO VAN106010.2 TO POINT OF ORIGIN 300FT-1000FT AGL  
AVOIDANCE ADZ DLY 0900-2359  
(11-JUL-2019 09:00 - 20-JUL-2019 23:59. CREATED 10-JUL-2019 22:12)

**07/023/KZJX**

ZJX AIRSPACE STNR ALT RESERVATIONS THAT  
ENCOMPASS OFFSHORE ATLANTIC ROUTES ARE SCHEDULED AS FOLLOWS:  
TAILHOOK A WI AN AREA DEFINED AS 3346N7805W TO 3350N7755W  
TO 3331N7730W TO 3310N7730W TO 3300N7728W TO 3220N7719W TO  
3214N7700W TO 3200N7700W TO 3200N7814W TO 3212N7812W TO  
3242N7806W TO 3255N7803W TO POINT OF ORIGIN. SFC-FL240  
AR3,AR4,AR15,AR16,AR17,AR18,AR19,AR21,AR22,AR23 AND AR24 ARE  
AFFECTED BY THE ALT RESERVATION TAILHOOK B WI AN AREA DEFINED AS  
3200N7814W TO 3200N7700W TO 3100N7700W TO 3100N7825W TO 3124N7820W  
TO POINT OF ORIGIN. SFC-FL240  
AR3,AR16,AR18,AR23 AND AR24 ARE AFFECTED BY THE ALT RESERVATION  
TAILHOOK C WI AN AREA DEFINED AS 3100N7825W TO 3100N7700W TO  
3000N7700W TO 3000N7713W TO 3009N7834W TO 3019N7832W TO  
3034N7829W TO POINT OF ORIGIN. SFC-FL240  
AR3,AR5,AR16,AR18,AR23 AND AR24 ARE AFFECTED BY THE ALT  
RESERVATION

(10-JUL-2019 11:00 - 03-AUG-2019 23:00. CREATED 08-JUL-2019 19:35)

**07/121/KZJX**

ZJX OBST STACK (ASN UNKNOWN) 315602N0822030W (15NM S VDI) 513FT (394FT AGL)  
NOT LGTD  
(08-JUL-2019 17:52 - 08-OCT-2019 23:59. CREATED 08-JUL-2019 17:52)

**06/297/KZJX**

ZJX OBST TOWER LGT (ASR UNKNOWN) 331642.89N0814055.27W (13NM W BNL) 496FT  
(206 AGL) U/S  
(24-JUN-2019 13:05 - 24-JUL-2019 23:59. CREATED 24-JUN-2019 13:05)

**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)

**9/7959/KZJX**

ZJX SC..ROUTE ZJX ZTL.  
V311 GREENWOOD (GRD) VORTAC, SC TO COLUMBIA (CAE) VORTAC, SC MEA  
2400.  
1901291908-2101291908EST  
(PERM. CREATED 29-JAN-2019 19:08)

**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)

**8/9881/KZJX**

ZJX SC..ROUTE ZJX ZDC.  
V213, V70 GRAND STRAND (CRE) VORTAC, SC TO WILMINGTON (ILM) VORTAC,  
NC NA.  
1811231647-2011231647EST  
(PERM. CREATED 23-NOV-2018 16:47)

**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 THROUGH 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)

**KZTL (ATLANTA FIR)**

**07/178/KZTL**

ZTL NAV GPS (FTPK GPS 19-48H) (INCLUDING WAAS, GBAS, AND  
ADS-B) MAY NOT BE AVBL WI A 262NM RADIUS CENTERED AT  
310535N0930350W (AEX250031) FL400-UNL,

216NM RADIUS AT FL250,

145NM RADIUS AT 10000FT,

101NM RADIUS AT 4000FT AGL,

45NM RADIUS AT 50FT AGL.

1907231300-1907232300

(PERM. CREATED 19-JUL-2019 20:32)

**07/481/KZTL**

ZTL SVC MERIDIAN APP OPN

(21-JUL-2019 22:00 - 22-JUL-2019 03:00. CREATED 19-JUL-2019 16:43)

**07/480/KZTL**

ZTL AIRSPACE UAS WI AN AREA DEFINED AS 0.5NM RADIUS OF 340120N0854452W (8NM  
SW PYP) SFC-400FT AGL DLY 1600-1800

(22-JUL-2019 16:00 - 23-JUL-2019 18:00. CREATED 19-JUL-2019 16:09)

**07/359/KZTL**

ZTL AIRSPACE R3004A ACT SFC-3499FT

(20-JUL-2019 12:00 - 21-JUL-2019 04:00. CREATED 19-JUL-2019 12:04)

**07/164/KZTL**

ZTL NAV GPS (FTPK GPS 19-48H) (INCLUDING WAAS, GBAS, AND  
ADS-B) MAY NOT BE AVBL WI A 262NM RADIUS CENTERED AT  
310535N0930350W (AEX250031) FL400-UNL,

216NM RADIUS AT FL250,

145NM RADIUS AT 10000FT,

101NM RADIUS AT 4000FT AGL,

45NM RADIUS AT 50FT AGL.

1907221500-1907222300

(PERM. CREATED 18-JUL-2019 22:59)

**07/150/KZTL**

ZTL NAV GPS (FBNC GPS 19-47) (INCLUDING WAAS, GBS, AND

ADS-B) MAY NOT BE AVBL WI A 111NM RADIUS CENTERED AT 350215N0790613W  
(RDU206052) FL400-UNL,  
112NM RADIUS AT FL250,  
110NM RADIUS AT 1000FT,  
75NM RADIUS AT 4000FT AGL,  
19NM RADIUS AT 50FT AGL.  
DLY 1300-1600  
1907231300-1907241600  
(PERM. CREATED 18-JUL-2019 13:32)

**07/138/KZTL**

ZTL NAV GPS (FTPK GPS 19-48H) (INCLUDING WAAS, GBAS, AND  
ADS-B) MAY NOT BE AVBL WI A 262NM RADIUS CENTERED AT  
310535N0930350W (AEX250031) FL400-UNL,  
216NM RADIUS AT FL250,  
145NM RADIUS AT 10000FT,  
101NM RADIUS AT 4000FT AGL,  
45NM RADIUS AT 50FT AGL.  
1907211300-1907211500  
(PERM. CREATED 17-JUL-2019 16:42)

**07/133/KZTL**

ZTL NAV GPS (FTPK GPS 19-48H) (INCLUDING WAAS, GBAS, AND  
ADS-B) MAY NOT BE AVBL WI A 262NM RADIUS CENTERED AT  
310535N0930350W (AEX250031) FL400-UNL,  
216NM RADIUS AT FL250,  
145NM RADIUS AT 10000FT,  
101NM RADIUS AT 4000FT AGL,  
45NM RADIUS AT 50FT AGL  
1907201500-1907202300  
(PERM. CREATED 16-JUL-2019 23:22)

**9/2370/KZTL**

ZTL GA..AIRSPACE ATLANTA, GA..LASER LGT DEMONSTRATION WI  
AN AREA DEFINED AS 335236N0842346W OR PEACHTREE VOR/DME (PDK276005)  
SFC-900FT. LASER LGT BEAMS MAY BE INJURIOUS TO PILOTS'/PASSENGERS'  
EYES WI 900FT VERTICALLY AND 2100FT LATERALLY OF THE LGT SOURCE.  
FLASH BLINDNESS OR COCKPIT ILLUMINATION MAY OCCUR BEYOND THESE  
DISTANCES. ATLANTA/A80/ TRACON, TELEPHONE (678) 364-6103 IS THE FAA  
CDN FACILITY.  
(22-JUL-2019 23:00 - 23-JUL-2019 05:00. CREATED 16-JUL-2019 20:45)

**9/2369/KZTL**

ZTL NC..AIRSPACE CHARLOTTE, NC..LASER LGT DEMONSTRATION  
WI AN AREA DEFINED AS 351939N0804238W OR CHARLOTTE VOR/DME  
(CLT060014) SFC-900FT. LASER LGT BEAMS MAY BE INJURIOUS TO  
PILOTS'/PASSENGERS' EYES WI 900FT VERTICALLY AND 2100FT LATERALLY OF  
THE LGT SOURCE. FLASH BLINDNESS OR COCKPIT ILLUMINATION MAY OCCUR  
BEYOND THESE DISTANCES. CHARLOTTE/CLT/ TRACON, TELEPHONE (704)  
359-1020 IS THE FAA CDN FACILITY.  
(21-JUL-2019 23:00 - 22-JUL-2019 05:00. CREATED 16-JUL-2019 20:43)

**07/073/KZTL**

ZTL NAV GPS (CSG4 GPS 19-02) (INCLUDING WAAS, GBAS, AND  
ADS-B) MAY NOT BE AVBL WI A 400NM RADIUS CENTERED AT 304514N0802321W  
(CRG072063) FL400-UNL,  
352NM RADIUS AT FL250, 286NM RADIUS AT 10000FT, 241NM RADIUS AT  
4000FT AGL,  
180NM RADIUS AT 50FT AGL.  
DLY 1700-2300  
1907201700-1907212300  
(PERM. CREATED 13-JUL-2019 18:52)

**07/067/KZTL**

ZTL NAV GPS (CSG4 GPS 19-02) (INCLUDING WAAS, GBAS, AND ADS-B) MAY NOT BE AVBL WI A 400NM RADIUS CENTERED AT 304514N0802321W (CRG072063) FL400-UNL, 352NM RADIUS AT FL250, 286NM RADIUS AT 10000FT, 241NM RADIUS AT 4000FT AGL, 180NM RADIUS AT 50FT AGL.  
1907221700-1907222200  
(PERM. CREATED 13-JUL-2019 18:42)

**06/069/KZTL**

ZTL OBST TOWER LGT (ASR UNKNOWN) 313437.52N081203073.86W (39NM N SAV) 1235FT (1200FT AGL) OUT OF SERVICE  
(03-JUN-2019 19:23 - 03-DEC-2019 23:59. CREATED 03-JUN-2019 19:23)

**05/518/KZTL**

ZTL SVC STANLY APP 119.55/306.9 U/S  
(22-MAY-2019 15:48 - 31-DEC-2019 02:00. CREATED 22-MAY-2019 15:48)

**05/489/KZTL**

ZTL SVC STANLY APP CLSD  
(21-MAY-2019 12:50 - 31-DEC-2019 02:00. CREATED 21-MAY-2019 12:50)

**05/433/KZTL**

ZTL SVC STANLY APP CLSD CTC CHARLOTTE APP AT 128.325  
1905181713-1907302359  
(PERM. CREATED 18-MAY-2019 17:13)

**9/4987/KZTL**

ZTL ROUTE ZTL ZID.  
V35 GLADE SPRING (GZG) VOR/DME, VA TO STACY, VA MEA 6500.  
1905091835-2105091835EST  
(PERM. CREATED 09-MAY-2019 18:36)

**9/8855/KZTL**

ZTL GA..ROUTE ZTL.  
V97 WILMS INT, GA TO GRANT INT, GA MEA 6000.  
V97 PRATZ INT, GA MCA 6000.  
PZD DME UNUSABLE R-359 UNUSABLE BELOW 6000.  
1904081759-2104081751EST  
(PERM. CREATED 08-APR-2019 17:59)

**9/7058/KZTL**

ZTL GA..ROUTE ZTL.  
V311 MADOL INT, GA TO NELLO INT, GA MEA 7500 SOUTHBOUND.  
HCH VOR/DME RESTRICTED BEYOND 55 NM.  
(14-MAR-2019 20:10 - 14-MAR-2021 19:53 EST. CREATED 14-MAR-2019 20:11)

**02/365/KZTL**

ZTL AIRSPACE AIRDROP WI AN AREA DEFINED AS 3NM EITHER SIDE OF A LINE FM RMG358027 TO RMG346009 SFC-1800FT MON TUE THU 2200-0330  
(18-FEB-2019 22:00 - 01-JAN-2020 03:30. CREATED 15-FEB-2019 17:25)

**02/364/KZTL**

ZTL AIRSPACE AIRDROP WI AN AREA DEFINED AS 3NM EITHER SIDE OF A LINE FM RMG358027 TO RMG346009 SFC-1800FT MON TUE THU 1430-2000  
(18-FEB-2019 14:30 - 31-DEC-2019 20:00. CREATED 15-FEB-2019 17:25)

**9/7992/KZTL**

ZTL ROUTE ZTL ZJX.  
V53 WIDER INT, SC TO WILLS INT, SC NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.  
1901291949-2101291949EST  
(PERM. CREATED 29-JAN-2019 19:49)

**9/7975/KZTL**

ZTL SC..ROUTE ZTL ZJX.  
V37 GREAT INT, SC TO RICHE INT, SC MEA 6000.  
1901291919-2101291919EST  
(PERM. CREATED 29-JAN-2019 19:19)

**9/7969/KZTL**

ZTL SC..ROUTE ZTL ZJX.  
V311 GREENWOOD (GRD) VORTAC, SC TO COLUMBIA (CAE) VORTAC, SC MEA  
2400.  
1901291911-2101291911EST  
(PERM. CREATED 29-JAN-2019 19:11)

**8/5245/KZTL**

ZTL GA..ROUTE ZTL.  
V311 AWSON, GA MRA 6000.  
1812271908-2012271908EST  
(PERM. CREATED 27-DEC-2018 19:09)

**8/5243/KZTL**

ZTL GA..ROUTE ZTL.  
V417 AWSON, GA MRA 6000.  
1812271905-2012271905EST  
(PERM. CREATED 27-DEC-2018 19:06)

**8/5237/KZTL**

ZTL GA..ROUTE ZTL.  
V5 AWSON, GA MRA 6000.  
1812271904-2012271903EST  
(PERM. CREATED 27-DEC-2018 19:04)

**8/0767/KZTL**

ZTL ROUTE ZTL.  
Q52 CHOPZ, GA TO COLZI, NC NA.  
1811261657-2011261657EST  
(PERM. CREATED 26-NOV-2018 16:57)

**08/677/KZTL**

ZTL OBST TOWER LGT (ASR UNKNOWN) 354605.78N0842513.44W (13.3NM N MNV)  
976.91FT (152FT AGL) OUT OF SERVICE  
(27-AUG-2018 17:06 - 27-AUG-2019 23:59. CREATED 27-AUG-2018 17:06)

**08/676/KZTL**

ZTL OBST TOWER LGT (ASR UNKNOWN) 354623.83N0842527.98W (13.5NM N MNV)  
944.22FT (168FT AGL) OUT OF SERVICE  
(27-AUG-2018 17:03 - 27-AUG-2019 23:59. CREATED 27-AUG-2018 17:03)

**08/675/KZTL**

ZTL OBST TOWER LGT (ASR UNKNOWN) 355027.41N0843205.41W (9.2NM SE RKW)  
933.05FT (184FT AGL) OUT OF SERVICE  
(27-AUG-2018 16:57 - 27-AUG-2019 23:59. CREATED 27-AUG-2018 16:57)

**KZME (MEMPHIS FIR)**

**07/176/KZME**

ZME NAV GPS (FTPK GPS 19-48H) (INCLUDING WAAS, GBAS, AND  
ADS-B) MAY NOT BE AVBL WI A 262NM RADIUS CENTERED AT  
310535N0930350W (AEX250031) FL400-UNL,  
216NM RADIUS AT FL250,  
145NM RADIUS AT 10000FT,  
101NM RADIUS AT 4000FT AGL,  
45NM RADIUS AT 50FT AGL.

1907231300-1907232300  
(PERM. CREATED 19-JUL-2019 20:31)

**07/227/KZME**

ZME AIRSPACE AIRDROP WITHIN AREA DEFINED AS 3NM EITHER SIDE OF A LINE FM  
LIT338033 TO LIT017035 SFC-2500FT DLY 1400-0600  
(22-JUL-2019 14:00 - 27-JUL-2019 06:00. CREATED 19-JUL-2019 20:22)

**07/365/KZME**

ZME AIRSPACE R2104D ACT 12000FT-16000FT  
(20-JUL-2019 01:00 - 20-JUL-2019 11:00. CREATED 19-JUL-2019 19:04)

**07/364/KZME**

ZME AIRSPACE R2104A ACT SFC-12000FT  
(20-JUL-2019 01:01 - 20-JUL-2019 10:59. CREATED 19-JUL-2019 19:04)

**07/174/KZME**

ZME NAV GPS (FCAR GPS 19-54) (INCLUDING WAAS, GBAS, AND  
ADS-B) MAY NOT BE AVBL WI A 113 NM RADIUS CENTERED AT  
351452N0940901W (RZC180060) FL400-UNL,  
113 NM RADIUS AT FL250,  
111 NM RADIUS AT 10000FT,  
106 NM RADIUS AT 4000FT AGL,  
64 NM RADIUS AT 50FT AGL.  
1907232301-1907232359  
(PERM. CREATED 19-JUL-2019 18:42)

**07/171/KZME**

ZME NAV GPS (FCAR GPS 19-54) (INCLUDING WAAS, GBAS, AND  
ADS-B) MAY NOT BE AVBL WI A 113 NM RADIUS CENTERED AT  
351452N0940901W (RZC180060) FL400-UNL,  
113 NM RADIUS AT FL250,  
111 NM RADIUS AT 10000FT,  
106 NM RADIUS AT 4000FT AGL,  
64 NM RADIUS AT 50FT AGL.  
1907230100-1907231259  
(PERM. CREATED 19-JUL-2019 18:41)

**07/225/KZME**

ZME SVC MERIDIAN APP OPN  
(21-JUL-2019 22:00 - 22-JUL-2019 03:00. CREATED 19-JUL-2019 16:43)

**07/163/KZME**

ZME NAV GPS (FTPK GPS 19-48H) (INCLUDING WAAS, GBAS, AND  
ADS-B) MAY NOT BE AVBL WI A 262NM RADIUS CENTERED AT  
310535N0930350W (AEX250031) FL400-UNL,  
216NM RADIUS AT FL250,  
145NM RADIUS AT 10000FT,  
101NM RADIUS AT 4000FT AGL,  
45NM RADIUS AT 50FT AGL.  
1907221500-1907222300  
(PERM. CREATED 18-JUL-2019 22:59)

**07/156/KZME**

ZME NAV GPS (FCAR GPS 19-54) (INCLUDING WAAS, GBAS, AND  
ADS-B) MAY NOT BE AVBL WI A 113 NM RADIUS CENTERED AT  
351452N0940901W (RZC180060) FL400-UNL,  
113 NM RADIUS AT FL250,  
111 NM RADIUS AT 10000FT,  
106 NM RADIUS AT 4000FT AGL,  
64 NM RADIUS AT 50FT AGL.  
1907222301-1907222359  
(PERM. CREATED 18-JUL-2019 17:28)

**07/153/KZME**

ZME NAV GPS (FCAR GPS 19-54) (INCLUDING WAAS, GBAS, AND ADS-B) MAY NOT BE AVBL WI A 113 NM RADIUS CENTERED AT 351452N0940901W (RZC180060) FL400-UNL,  
113 NM RADIUS AT FL250,  
111 NM RADIUS AT 10000FT,  
106 NM RADIUS AT 4000FT AGL,  
64 NM RADIUS AT 50FT AGL.  
1907220500-1907221459  
(PERM. CREATED 18-JUL-2019 17:27)

**07/137/KZME**

ZME NAV GPS (FTPK GPS 19-48H) (INCLUDING WAAS, GBAS, AND ADS-B) MAY NOT BE AVBL WI A 262NM RADIUS CENTERED AT 310535N0930350W (AEX250031) FL400-UNL,  
216NM RADIUS AT FL250,  
145NM RADIUS AT 10000FT,  
101NM RADIUS AT 4000FT AGL,  
45NM RADIUS AT 50FT AGL.  
1907211300-1907211500  
(PERM. CREATED 17-JUL-2019 16:42)

**07/200/KZME**

ZME SVC NASHVILLE APP CLSD CLASS C SERVICE NOT AVBL CTC MEMPHIS ARTCC AT 133.85  
(21-JUL-2019 04:00 - 21-JUL-2019 10:00. CREATED 17-JUL-2019 16:41)

**07/132/KZME**

ZME NAV GPS (FTPK GPS 19-48H) (INCLUDING WAAS, GBAS, AND ADS-B) MAY NOT BE AVBL WI A 262NM RADIUS CENTERED AT 310535N0930350W (AEX250031) FL400-UNL,  
216NM RADIUS AT FL250,  
145NM RADIUS AT 10000FT,  
101NM RADIUS AT 4000FT AGL,  
45NM RADIUS AT 50FT AGL  
1907201500-1907202300  
(PERM. CREATED 16-JUL-2019 23:22)

**07/072/KZME**

ZME NAV GPS (CSG4 GPS 19-02) (INCLUDING WAAS, GBAS, AND ADS-B) MAY NOT BE AVBL WI A 400NM RADIUS CENTERED AT 304514N0802321W (CRG072063) FL400-UNL,  
352NM RADIUS AT FL250, 286NM RADIUS AT 10000FT, 241NM RADIUS AT 4000FT AGL,  
180NM RADIUS AT 50FT AGL.  
DLY 1700-2300  
1907201700-1907212300  
(PERM. CREATED 13-JUL-2019 18:52)

**07/066/KZME**

ZME NAV GPS (CSG4 GPS 19-02) (INCLUDING WAAS, GBAS, AND ADS-B) MAY NOT BE AVBL WI A 400NM RADIUS CENTERED AT 304514N0802321W (CRG072063) FL400-UNL,  
352NM RADIUS AT FL250, 286NM RADIUS AT 10000FT, 241NM RADIUS AT 4000FT AGL,  
180NM RADIUS AT 50FT AGL.  
1907221700-1907222200  
(PERM. CREATED 13-JUL-2019 18:42)

**06/055/KZME**

ZME AIRSPACE UAS WI AN AREA DEFINED AS 2NM RADIUS OF 350429.70N0923127.50W (3.6NM NNE CXW) SFC-400FT AGL DLY 0000-2359  
(08-JUN-2019 00:00 - 30-SEP-2019 23:59. CREATED 07-JUN-2019 13:00)

**06/054/KZME**

ZME AIRSPACE UAS WI AN AREA DEFINED AS 2NM RADIUS OF  
350237.10N0922533.70W (6.5NM ENE CXW) SFC-400FT AGL DLY 0000-2359  
(08-JUN-2019 00:00 - 30-SEP-2019 23:59. CREATED 07-JUN-2019 12:58)

**06/053/KZME**

ZME AIRSPACE UAS WI AN AREA DEFINED AS 2NM RADIUS OF  
350454.20N0922258.90W (6.2NM SSW 12A) SFC-400FT AGL DLY 0000-2359  
(08-JUN-2019 00:00 - 30-SEP-2019 23:59. CREATED 07-JUN-2019 12:56)

**06/052/KZME**

ZME AIRSPACE UAS WI AN AREA DEFINED AS 2NM RADIUS OF  
350524.90N0922723.50W (6.4NM NE CXW) SFC-400FT AGL DLY 0000-2359  
(08-JUN-2019 00:00 - 30-SEP-2019 23:59. CREATED 07-JUN-2019 12:54)

**05/244/KZME**

ZME OBST TOWER LGT (ASR UNKNOWN) 354040.00N0912435.00W (12.9NM ESE BVX) 638FT  
(400FT AGL) U/S  
(29-MAY-2019 20:54 - 05-AUG-2019 23:59. CREATED 29-MAY-2019 20:54)

**12/040/KZME**

ZME AIRSPACE R3702A ACT SFC-10000FT  
(01-JAN-2019 00:00 - 31-DEC-2019 23:59. CREATED 31-DEC-2018 00:05)

**12/039/KZME**

ZME AIRSPACE R3701A ACT SFC-5000FT  
(01-JAN-2019 00:00 - 31-DEC-2019 23:59. CREATED 31-DEC-2018 00:05)

**12/038/KZME**

ZME AIRSPACE R3702B ACT 10000FT-FL220  
(01-JAN-2019 00:00 - 31-DEC-2019 23:59. CREATED 31-DEC-2018 00:05)