

Factual Report – Attachment 3
Atlas Air Flight 3591 Flight Release

OPERATIONAL FACTORS

DCA19MA086

Remarks

EXTRA FUEL PER AMAZONS REQUEST

PERISHABLES O/B - NONE

[REDACTED] = ATLAS AIR DISPATCH

[REDACTED] = ATLAS SYSTEM CONTROL

RAIM VALIDATION PASSED

MEL/CDL - No Applicable Items

Flight Release Authorization

I certify that this flight has been dispatched in accordance with applicable FARs. All pages of the Operational Flight Plan are an integral part of the Flight Release. By signing this release, I am affirming my belief that the planned flight can be operated safely.

Signed by PIC (Circle name below)

Signed by Dispatcher: RICHARD BOOTHE

Fit for Duty Affirmation

By signing below, I affirm that I am fit for duty to operate this flight.

		FIT FOR DUTY/ JS VERIFY	RELIEF PIC START-END(Z)
CA	* BLAKELY R		
FO	ASKA C		
JS	ARCHULETA SEAN A		

TIME	FUEL	ETA KIAH:	UPLIFT:
OUT:	/	SQB:	PYLD:
OFF:	/		
ON:	/	RVSM ALTIMETER RECORD	
IN:	/	L: S: R:	

(FPL-GTI3591-IS
 -B763/H-SDE3FGHIM1RWXYZ/S
 -KMIA1608
 -N0460F400 WINCO2 WINCO DCT DOLIE Y280 LEV DCT GIRLY NNCEE1
 -KIAH0223 KSKF
 -PBN/A1B3C4D4L104 NAV/RNVD1E2A1 DOF/190223 REG/N1217A SEL/BCHM
 CODE/A05AB7 OPR/GTI RMK/EMERG CTC [REDACTED] TCAS II EQUIPPED)

Overflight/Landing Permits

AWY MORA	WPT	MTK NM TTK CH	GS IAS	TAS .M	LEG-T TOT-T	ETA ATA	MTRS FL	DV TEMP	WS WIND	H/T	REMF AREM
	KMIA	00009 FT					MIAMI				
	N25	47.7									
	W080	17.4									
WINCO2	WINCO										
	N26	25.0	070	069	421	422	00.11		CLB	02	H001 0308
	W080	58.3	065	344	CLB	CLB	00.11	CLB	CLB	181/014	
DCT	TOC										
	N26	46.2	322	030	451	465	00.04		CLB	04	H014 0299
	W081	21.1	316	319	CLB	CLB	00.15	CLB	CLB	249/026	
DCT	DOLIE										
	N27	17.1	322	043	438	460	00.06		P00	02	H022 0291
	W081	54.6	316	319	244	801	00.21	F400	-56	260/037	
Y280	SRQ										
	N27	24.4	288	035	422	460	00.05		P00	02	H038 0284
	W082	33.8	282	286	244	802	00.26	F400	-56	256/041	
Y280	CHRG										
	N27	48.7	287	123	422	460	00.18		P00	02	H039 0261
	W084	49.9	282	284	244	802	00.44	F400	-56	250/045	
(KZJX)	AT CHRG					00.45	JACKSONVILLE				
Y280	REMIS										
	N27	53.0	285	023	421	461	00.03		P01	02	H040 0257
	W085	15.5	281	281	244	801	00.47	F400	-55	242/049	
Y280	ROZZI										
	N28	18.9	293	081	420	461	00.12		P01	01	H040 0242
	W086	42.3	289	288	244	801	00.59	F400	-56	242/057	
(KZHU)	AT NAITE					01.09	HOUSTON				

AWY MORA	WPT	MTK TTK	NM CH	GS IAS	TAS .M	LEG-T TOT-T	ETA ATA	MTRS FL	DV TEMP	WS WIND	H/T	REMF AREM
Y280	NAITE											
	N28	42.6	289	076	413	461	00.11		P01	02	H048	0227
	W088	05.0	288	284	244	802	01.10	F400	-56	241/067		
Y280	REDFN											
	N28	53.0	290	035	414	461	00.05		P01	02	H047	0221
	W088	42.1	288	284	244	802	01.15	F400	-56	238/069		
Y280	LEV								113.50			
	N29	10.5	286	075	410	461	00.11		P00	02	H051	0206
	W090	06.2	284	280	244	802	01.26	F400	-56	235/072		
DCT	GIRLY											
	N29	29.1	276	157	400	464	00.23		P00	03	H063	0175
	W093	04.6	278	270	246	807	01.49	F400	-56	237/084		
NNCEE1	TOD											
	N29	29.2	270	009	385	468	00.02		P00	04	H082	0174
	W093	14.7	273	264	249	814	01.51	F400	-56	238/096		
NNCEE1	KIAH	00096 FT						HOUSTON	GEORGE	BUSH		
	N29	59.1	271	143	334	367	00.32		DSC	04	H033	0151
	W095	20.5	273	273	DSC	DSC	02.23	DSC	DSC	234/036		

Destination Primary Alternate Route

KIAH PITZZ4 WAILN BRAUN2 KSKF

MORA 2400

END OF OFP

Remarks

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CA	* BLAKELY R		
FO	ASKA C		
JS	ARCHULETA SEAN A		

TIME	FUEL	ETA KIAH:	UPLIFT:
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(FPL-GTI3591-IS
 -B763/H-SDE3FGHIM1RWXYZ/S
 -KMIA1608
 -N0460F400 WINCO2 WINCO DCT DOLIE Y280 LEV DCT GIRLY NNCEE1
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 CODE/A05AB7 OPR/GTI RMK/EMERG CTC [REDACTED] TCAS II EQUIPPED)

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AWY MORA	WPT	MTK NM TTK CH	GS IAS	TAS .M	LEG-T TOT-T	ETA ATA	MTRS FL	DV TEMP	WS WIND	H/T	REMF AREM
	KMIA	00009 FT					MIAMI				
	N25	47.7									
	W080	17.4									
WINCO2	WINCO										
	N26	25.0	070	069	421	422	00.11		CLB	02	H001 0308
	W080	58.3	065	344	CLB	CLB	00.11	CLB	CLB	181/014	
DCT	TOC										
	N26	46.2	322	030	451	465	00.04		CLB	04	H014 0299
	W081	21.1	316	319	CLB	CLB	00.15	CLB	CLB	249/026	
DCT	DOLIE										
	N27	17.1	322	043	438	460	00.06		P00	02	H022 0291
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Y280	SRQ										
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	W082	33.8	282	286	244	802	00.26	F400	-56	256/041	
Y280	CHRG										
	N27	48.7	287	123	422	460	00.18		P00	02	H039 0261
	W084	49.9	282	284	244	802	00.44	F400	-56	250/045	
(KZJX)	AT CHRG					00.45	JACKSONVILLE				
Y280	REMIS										
	N27	53.0	285	023	421	461	00.03		P01	02	H040 0257
	W085	15.5	281	281	244	801	00.47	F400	-55	242/049	
Y280	ROZZI										
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Y280	LEV								113.50			
	N29	10.5	286	075	410	461	00.11		P00	02	H051	0206
	W090	06.2	284	280	244	802	01.26	F400	-56	235/072		
DCT	GIRLY											
	N29	29.1	276	157	400	464	00.23		P00	03	H063	0175
	W093	04.6	278	270	246	807	01.49	F400	-56	237/084		
NNCEE1	TOD											
	N29	29.2	270	009	385	468	00.02		P00	04	H082	0174
	W093	14.7	273	264	249	814	01.51	F400	-56	238/096		
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	W095	20.5	273	273	DSC	DSC	02.23	DSC	DSC	234/036		

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KIAH PITZZ4 WAILN BRAUN2 KSKF

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 CODE/A05AB7 OPR/GTI RMK/EMERG CTC 9 [REDACTED] TCAS II EQUIPPED)

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NNCEE1	TOD											
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	W093	14.7	273	264	249	814	01.51	F400	-56	238/096		
NNCEE1	KIAH	00096 FT						HOUSTON	GEORGE	BUSH		
	N29	59.1	271	143	334	367	00.32		DSC	04	H033	0151
	W095	20.5	273	273	DSC	DSC	02.23	DSC	DSC	234/036		

Destination Primary Alternate Route

KIAH PITZZ4 WAILN BRAUN2 KSKF
MORA 2400

END OF OFP

TAKEOFF AND LANDING REPORT GTI 3591 KMIA-KIAH 23FEB19
 TLR-8 SEQ-121425858 23FEB19 1256Z
 A/C N1217A B767-300W CF680C2B6F LB

ACARS INIT DATE = 23 ACARS TAKEOFF REQUEST = 1255Z-2055Z
 -- TLR TAKEOFF DATA VALID IF --
 OAT RANGE = 17C TO MT QNH = GREATER OR EQUAL TO 30.02

/// TAKEOFF DATA ///

APT PRWY POAT PWIND PQNH FLP PTOW MFPTW
 KMIA 09 27.0 137M12 30.17 5 2479 3466

RMKS NONE

 RWY MTOW ATM N1 THR/PACKS CONFIG FLAPS V1 VR V2 R40 R80

 SMRGN ACCEL EFP

----- RUNWAY INFO -----

RWY	LENGTH	EFP	NOTES
08L	8600	DT H094	NOTAMS 04/133
08R	10506	DT H094	NOTAMS A0551/19 A0553/19
09	13016	DT H094	NOTAMS 9/4268 A0551/19 A0553/19 A3627/18
12	9355	DT H126	NOTAMS 01/057 01/110 02/281 02/283 10/230 10/231 10/232 9/2172 9/4268 A0551/19 A0553/19 A0555/19
26L	10506	DT H274	NOTAMS 10/312 10/313 10/314 10/315 10/316
26R	8600	DT H274	NOTAMS 01/088 06/266 10/312 10/313 10/314 10/315 10/316
27	13016	DT H274	NOTAMS 9/1261 9/4268 A0553/19
27/Q	12434	DT H274	
30	9355	DT H306	NOTAMS 01/058 01/088 06/266 9/2174 9/4268

----- DRY RWY - PTOW - ENG A/I OFF - CALM WIND -----

RWY	MTOW	MT	N1	CONFIG	FL	V1	VR	V2	R40	R80
08L	2479	64	98.6	D-T0 - PACKS ON	5	123	128	135	166	206
08R	2479	64	98.6	D-T0 - PACKS ON	5	123	128	135	166	206
09	2479	64	98.6	D-T0 - PACKS ON	5	123	128	135	166	206
12	2479	64	98.6	D-T0 - PACKS ON	5	123	128	135	166	206
26L	2479	64	98.6	D-T0 - PACKS ON	5	123	128	135	166	206
26R	2479	64	98.6	D-T0 - PACKS ON	5	123	128	135	166	206
27	2479	64	98.6	D-T0 - PACKS ON	5	123	128	135	166	206
27/Q	2479	64	98.6	D-T0 - PACKS ON	5	123	128	135	166	206
30	2479	64	98.6	D-T0 - PACKS ON	5	123	128	135	166	206

TAKEOFF AND LANDING REPORT GTI 3591 KMIA-KIAH 23FEB19
TLR-8 SEQ-121425858 23FEB19 1256Z

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----- DRY RWY - PTOW PLUS 10000 - ENG A/I OFF - CALM WIND -----

RWY	MTOW	MT	N1	CONFIG	FL	V1	VR	V2	R40	R80
08L	2579	64	98.6	D-T0 - PACKS ON	5	126	131	137	169	209
08R	2579	64	98.6	D-T0 - PACKS ON	5	126	131	137	169	209
09	2579	64	98.6	D-T0 - PACKS ON	5	126	131	137	169	209
12	2579	64	98.6	D-T0 - PACKS ON	5	126	131	137	169	209
26L	2579	64	98.6	D-T0 - PACKS ON	5	126	131	137	169	209
26R	2579	64	98.6	D-T0 - PACKS ON	5	126	131	137	169	209
27	2579	64	98.6	D-T0 - PACKS ON	5	126	131	137	169	209
27/Q	2579	64	98.6	D-T0 - PACKS ON	5	126	131	137	169	209
30	2579	64	98.6	D-T0 - PACKS ON	5	126	131	137	169	209

----- DRY RWY - PTOW - ENG A/I OFF - 10KT TW -----

RWY	MTOW	MT	N1	CONFIG	FL	V1	VR	V2	R40	R80
08L	2479	64	98.6	D-T0 - PACKS ON	5	123	128	135	166	206
08R	2479	64	98.6	D-T0 - PACKS ON	5	123	128	135	166	206
09	2479	64	98.6	D-T0 - PACKS ON	5	123	128	135	166	206
12	2479	64	98.6	D-T0 - PACKS ON	5	123	128	135	166	206
26L	2479	64	98.6	D-T0 - PACKS ON	5	123	128	135	166	206
26R	2479	64	98.6	D-T0 - PACKS ON	5	123	128	135	166	206
27	2479	64	98.6	D-T0 - PACKS ON	5	123	128	135	166	206
27/Q	2479	64	98.6	D-T0 - PACKS ON	5	123	128	135	166	206
30	2479	64	98.6	D-T0 - PACKS ON	5	123	128	135	166	206

----- DRY RWY - PTOW PLUS 10000 - ENG A/I OFF - 10KT TW -----

RWY	MTOW	MT	N1	CONFIG	FL	V1	VR	V2	R40	R80
08L	2579	64	98.6	D-T0 - PACKS ON	5	126	131	137	169	209
08R	2579	64	98.6	D-T0 - PACKS ON	5	126	131	137	169	209
09	2579	64	98.6	D-T0 - PACKS ON	5	126	131	137	169	209
12	2579	64	98.6	D-T0 - PACKS ON	5	126	131	137	169	209
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26R	2579	64	98.6	D-T0 - PACKS ON	5	126	131	137	169	209
27	2579	64	98.6	D-T0 - PACKS ON	5	126	131	137	169	209
27/Q	2579	64	98.6	D-T0 - PACKS ON	5	126	131	137	169	209
30	2579	64	98.6	D-T0 - PACKS ON	5	126	131	137	169	209

/// LANDING DATA ///

APT	PRWY	POAT	PWIND	PQNH	FLP	PLDW	PMRLW
KIAH	08L	22.0	308M13	29.92	25	2273	3862

RMKS NONE

----- RUNWAY INFO -----

RWY	LENGTH	SLOPE	NOTES
08L	9000	0.04	NOTAMS A0702/19
08R	9402	-0.02	NOTAMS 8/0829 A0352/19 A0501/19 A0503/19 A0706/19
09	10000	-0.06	
15R	9999	-0.08	
26L	9402	0.02	
26R	9000	-0.04	
27	10000	0.06	
33L	9999	0.08	

TAKEOFF AND LANDING REPORT GTI 3591 KMIA-KIAH 23FEB19
TLR-8 SEQ-121425858 23FEB19 1256Z

PAGE 3

- AUTOBRK 2 - 15PCT LDG FACTOR - NO THR REV - MAN LAND - CALM WIND --

FLAPS 25

	LDW	DRY	WET
	2400	7009	-----
	2300	6790	-----
/	2273	6731	-----
	2200	6582	-----
	2100	6582	-----
	HW/KT	-40	-----
	TW/KT	+137	-----
	UP/1PCT	-138	-----
	DN/1PCT	+58	-----

- AUTOBRK 3 - 15PCT LDG FACTOR - NO THR REV - MAN LAND - CALM WIND --

FLAPS 25

	LDW	DRY	WET
	2400	6336	6336
	2300	6152	6152
/	2273	6103	6103
	2200	5977	5977
	2100	5977	5977
	HW/KT	-35	-35
	TW/KT	+120	+120
	UP/1PCT	-23	-23
	DN/1PCT	0	0

- AUTOBRK 4 - 15PCT LDG FACTOR - NO THR REV - MAN LAND - CALM WIND --

FLAPS 25

	LDW	DRY	WET
	2400	5561	5618
	2300	5400	5457
/	2273	5356	5414
	2200	5246	5304
	2100	5246	5304
	HW/KT	-30	-30
	TW/KT	+101	+101
	UP/1PCT	0	0
	DN/1PCT	0	+12

AUTOBRK MAX - 15PCT LDG FACTOR - NO THR REV - MAN LAND - CALM WIND -

FLAPS 25

	LDW	DRY	WET
	2400	5468	5571
	2300	5318	5422
/	2273	5278	5381
	2200	5176	5279
	2100	5176	5279
	HW/KT	-29	-29
	TW/KT	+97	+99
	UP/1PCT	0	0
	DN/1PCT	0	+23

- MAX MANUAL - 15PCT LDG FACTOR - NO THR REV - MAN LAND - CALM WIND -

FLAPS 25

	LDW	DRY	WET
	2400	3659	5305
	2300	3556	5190
/	2273	3528	5159
	2200	3458	5080

2100	3458	5080
HW/KT	-17	-24
TW/KT	+60	+83
UP/1PCT	-36	-127
DN/1PCT	+49	+138

346600/247900/227312/1400/20658/33600/37200
END TAKEOFF AND LANDING REPORT GTI 3591 KMIA-KIAH 23FEB19

STATION COMPANY NOTAMS

KMIA COMPANY NOTAMS

KMIA-RBS

Oper: Y

06JAN19/0456

VALID FROM: WIE

TO: UFN

KMIA RWY BEARING STRENGTH LIMITS

	B747-400	B747-8	B767-300	B777-200
RWY 09/27	STRUCTURAL	STRUCTURAL	STRUCTURAL	STRUCTURAL
RWY 08R/26L	STRUCTURAL	STRUCTURAL	STRUCTURAL	STRUCTURAL
RWY 08L/26R	STRUCTURAL	STRUCTURAL	STRUCTURAL	STRUCTURAL
RWY 12/30	STRUCTURAL	STRUCTURAL	STRUCTURAL	STRUCTURAL

	B737-400	B767-200F
RWY 09/27	STRUCTURAL	STRUCTURAL
RWY 08R/26L	STRUCTURAL	STRUCTURAL
RWY 08L/26R	STRUCTURAL	STRUCTURAL
RWY 12/30	STRUCTURAL	STRUCTURAL

KIAH COMPANY NOTAMS

KIAH-RBS

Oper: Y

26MAY17/1915

VALID FROM: WIE

TO: UFN

KIAH RWY BEARING STRENGTH LIMITS

	B747-400	B747-8	B767-300	B777-200
RWY 08L/26R	STRUCTURAL	STRUCTURAL	STRUCTURAL	STRUCTURAL
RWY 08R/26L	STRUCTURAL	STRUCTURAL	STRUCTURAL	STRUCTURAL
RWY 09/27	STRUCTURAL	NOT USABLE	STRUCTURAL	STRUCTURAL
RWY 15L/33R	STRUCTURAL	STRUCTURAL	STRUCTURAL	STRUCUTRAL
RWY 15R/33L	STRUCTURAL	STRUCUTRAL	STRUCTURAL	STRUCUTRAL

	B737-400	B767-200
RWY 08L/26R	STRUCTURAL	STRUCTURAL
RWY 08R/26L	STRUCTURAL	STRUCTURAL
RWY 09/27	STRUCTURAL	STRUCTURAL
RWY 15L/33R	STRUCTURAL	STRUCTURAL
RWY 15R/33L	STRUCTURAL	STRUCTURAL

KSKF COMPANY NOTAMS

KSKF-FREQ

Oper: Y

27SEP16/1819

VALID FROM: WIE

TO: UFN

IN-RANGE CALL FREQ

VHF FREQ = 130.65

KSKF COMPANY NOTAMS

KSKF-RBS

Oper: Y

19APR17/1431

VALID FROM: WIE

TO: UFN

KSKF RWY BEARING STRENGTH LIMITS

	B747-400	B747-8	B767-200	B767-300
RWY 16/34	378,000KG	367,000KG	STRUCTURAL	STRUCUTRAL

KVPS COMPANY NOTAMS

KVPS-00001

Oper: Y

27SEP16/1819

VALID FROM: WIE

TO: UFN

IN RANGE FREQ.

PH# TOWER 8 [REDACTED]
 PH# BASE OPS [REDACTED]

KVPS COMPANY NOTAMS

KVPS-FREQ Oper: Y 27SEP16/1819

VALID FROM: WIE TO: UFN

IN-RANGE CALL FREQ

 ATLAS AIR OPS - 122.85

KVPS COMPANY NOTAMS

KVPS-RBS Oper: Y 24JAN19/2028

VALID FROM: WIE TO: UFN

KVPS RWY BEARING STRENGTH LIMITS

	B747-400	B747-8	B767-300	B777-200
RWY 01/19	STRUCTURAL	STRUCTURAL	STRUCTURAL	STRUCTURAL
RWY 12/30	305,846KG	299,272KG	350,256LB	524,243LB

	B737-400	B767-200
RWY 01/19	STRUCTURAL	STRUCTURAL
RWY 12/30	147,370LB	STRUCTURAL

 NOTE: RBS WAIVER GRANTED FOR RWY 12/30 UP TO 394,625 KG.
 AIRFIELD MANAGER [REDACTED].

KMIA COMPANY NOTAMS

KMIA-ETOPS Oper: Y 12JUL17/1328

VALID FROM: WIE TO: UFN

ETOPS ALTERNATE INFORMATION

MIA / KMIA - MIAMI INTL

- AIRPORT HRS: H24

- TOWER PH: [REDACTED]

- CFR INDEX: ICAO 09 / FAA E

- FIRE RESCUE PH: 1 [REDACTED]

- CHECK OPSPEC B342 FOR AUTHORIZATION

- INFO LAST VERIFIED ON 11-JUL-17

ROUTE COMPANY NOTAMS: NIL

FIR COMPANY NOTAMS: NIL

ADMIN COMPANY NOTAMS

ADMIN-DEICE Oper: Y 27SEP16/1819

VALID FROM: WIE TO: UFN

DEICING / ANTI-ICING INFORMATION FORM

* 1. TYPE OF PROCEDURE (DEICE OR DEICE/ANTI-ICE) (CIRCLE ONE) *
* *
* 2. FLUID TYPE (TYPE I, II, III, OR IV) (CIRCLE ONE) *
* *
* 3. FLUID MIXTURE RATIO - / *
* (FOR TYPE II, III, OR IV FLUID ONLY) *
* *
* 4. TIME (UTC) OF THE START OF THE FINAL APPLICATION - Z *
* *
* - - RETAIN THIS FORM WITH THE FLIGHT DOCUMENTS ENVELOPE - - *
* **FOR LCF AIRCRAFT ONLY - DEICE REQUIRES LOGBOOK ENTRY** *

ADMIN-DHS Oper: Y 30MAR17/1556

VALID FROM: WIE TO: UFN

DUE TO RECENT DHS (DEPARTMENT OF HOMELAND SECURITY) SECURITY

ENHANCEMENTS THAT MAY AFFECT THE CARRIAGE OF LARGE ELECTRONIC DEVICES ON AIRCRAFT, EFFECTIVE IMMEDIATELY AND UNTIL FURTHER NOTICE,

FOM PEFB REQUIRED EQUIPMENT NOTE, CURRENTLY FOUND ON PAGE 6.1.28, IS REVISED AS FOLLOWS:

NOTE

UNLESS REQUIRED TO DO SO, DO NOT PLACE THE IPAD/CHARGER IN CHECKED LUGGAGE.

MANUALS WILL BE REVISED ACCORDINGLY.

SENIOR DIRECTOR, FLIGHT OPERATIONS

ADMIN-PUBS767A Oper: Y 24JAN19/1719
VALID FROM: WIE TO: UFN
CURRENT AIRCRAFT LIBRARY REVISIONS

		CURRENT	/	CURRENT EFF ON RECEIPT
767-200	QRH.....	REV 04	22-MAY-18	/ NA
	DDG.....	VER 22	22-MAY-18	/ NA
767-300GE	QRH.....	REV 13	22-MAY-18	/ NA
	DDG.....	VER 22	22-MAY-18	/ NA
767-300PW	QRH.....	REV 1	22-MAY-18	/ NA
	DDG.....	VER 22	22-MAY-18	/ NA
767	NORMAL CHECKLIST	01-JUL-18	/	NA

FOR ALL DDG TRS - REFER TO EFB COMPLY365

RELEASE COMPANY NOTAMS: NIL

N1217A COMPANY NOTAMS
1217-SABLEA1 Oper: Y 17JUL17/2154
VALID FROM: WIE TO: UFN

767-300 FREIGHTERS - SABLE A1 DISPLAY

FOR INFORMATION, WHEN POSITION A1 CENTER IS UTILIZED THE SABLE LOADSHEET WILL DISPLAY AS A1 RIGHT DUE TO LOADING LAYOUT HAVING A 7.5 INCH OFFSET.

ALL WEIGHTS AND INDEX VALUES ARE PROPERLY ACCOUNTED FOR AND COMPUTED IN SABLE.

PLEASE CONTACT GROUND OPERATIONS IF YOU HAVE QUESTIONS.

EQUIP COMPANY NOTAMS
B767-SABLE WB Oper: Y 21DEC18/1438
VALID FROM: WIE TO: UFN

SABLE WEIGHT AND BALANCE RECORD:
EFFECTIVE IMMEDIATELY, 767 FCOM SP.19.4(37) IS
MODIFIED TO ALLOW ELECTRONIC SIGNATURES/INITIALS, AS
INDICATED BELOW (**):

KEY TO DHL/AMAZON SABLE WEIGHT AND BALANCE RECORD:
37) NAMES AND SIGNATURES OF LOADING AGENTS, AND
VERIFICATION.

A. PREPARED BY - CONTAINS THE ELECTRONIC SIGNATURE
(PRINTED NAME) OF THE LOAD PLANNER.

** B. CONTAINS THE ELECTRONIC SIGNATURE (PRINTED NAME) OR
PRINTED INITIALS OF THE PERSON THAT PERFORMED THE LOAD
PLANNER VERIFICATION.

** C. LOADING AGENT'S SIGNATURE - CONTAINS THE SIGNATURE OF
THE PERSON, WHO PERFORMS THE ULD AND EQUIPMENT
SERVICEABILITY INSPECTION, CARGO LOCKS VERIFICATION (AS
APPLICABLE), AND IS RESPONSIBLE FOR LOADING THE AIRCRAFT
IN ACCORDANCE WITH THE LOAD PLANNER.

APPROPRIATE MANUALS/BULLETINS/TAS WILL BE
ISSUED/MODIFIED SHORTLY.

QUESTIONS? CONTACT THE FLEET CAPTAIN

FLTNUM COMPANY NOTAMS: NIL
AIRWAY COMPANY NOTAMS: NIL
WAYPOINT COMPANY NOTAMS: NIL
GEOGRAPHIC AREA COMPANY NOTAMS: NIL

ORIGIN

METAR KMIA 231153Z 12008KT 10SM FEW015 SCT055 SCT075 24/23 A3014 RMK
A02 SLP208 T02440233 10256 20239 53008

TAF KMIA 231122Z 2312/2418 12010KT P6SM FEW020 SCT070 FM231400
13015KT P6SM SCT030 SCT060 FM240100 15009KT P6SM FEW025 SCT250
FM241400 17010KT P6SM SCT025 SCT060

- MIA 02/282 MIA OBST CRANE (ASN 2018-ASO-26885-OE) 254650N0801551W
(1.6NM ESE MIA) 113FT (110FT AGL) FLAGGED 1902222143-2002202200
- MIA 02/284 MIA OBST CRANE (ASN 2018-ASO-26887-OE) 254647N0801557W
(1.6NM SE MIA) 114FT (110FT AGL) FLAGGED 1902222144-2002202200
- MIA 02/283 MIA OBST CRANE (ASN 2018-ASO-26886-OE) 254647N0801551W
(1.7NM SE MIA) 114FT (110FT AGL) FLAGGED 1902222144-2002202200
- MIA 02/281 MIA OBST CRANE (ASN 2018-ASO-26884-OE) 254650N0801557W
(1.6NM SE MIA) 113FT (110FT AGL) FLAGGED 1902222142-2002202200
- MIA 02/249 MIA COM GND CTL 122.2 OUT OF SVC
1902192326-1902262000EST
- MIA 02/147 MIA COM REMOTE ANDROS TOWN ISLAND REMOTE COM OUTLET
318.1
AND 118.4 U/S 1902131327-1903062000EST
- MIA 01/117 MIA OBST TOWER LGT (ASR UNKNOWN) 254930.25N0801908.63W
(2.37NM NW MIA) 175FT (140FT AGL) U/S 1901151507-2001152359EST
- MIA 01/110 MIA OBST CRANE (ASN 2018-ASO-25707-OE) 254643N0801537W
(1.9NM ESE MIA) 175FT (167FT AGL) FLAGGED 1901141404-1909031200EST
- MIA 01/088 MIA OBST CRANE (ASN 2018-ASO-18255-OE) 254815N0801820W
(1.0NM WNW MIA) 51FT (39FT AGL) FLAGGED 1901102051-1904152200
- MIA 01/058 MIA OBST CRANE (ASN 2018-ASO-11167-OE) 254840N0801933W
(2.1NM WNW MIA) 193FT (186FT AGL) FLAGGED AND LGTD
1901071513-2001202300EST
- MIA 01/057 MIA OBST CRANE (ASN 2018-ASO-16634-OE) 254643N0801538W
(1.9NM ESE MIA) 180FT (172FT AGL) FLAGGED 1901071510-1909302130
- MIA 11/272 MIA OBST TOWER LGT (ASR 1030083) 254623.30N0802512.90W
(7.3NM W MIA) 271.0FT (266.1FT AGL) OUT OF SVC
1811221320-1902282359
- MIA 11/271 MIA OBST TOWER LGT (ASR 1030081) 254624.00N0802516.00W
(7.3NM W MIA) 548.9FT (541.0FT AGL) OUT OF SVC
1811221320-1902282359
- MIA 10/316 MIA OBST CRANE (ASN 2018-ASO-20841-OE) 254754N0801924W
(1.8NM W MIA) 188FT (181FT AGL) FLAGGED 1810251652-1911012300
- MIA 10/315 MIA OBST CRANE (ASN 2018-ASO-20056-OE) 254758N0801918W
(1.7NM W MIA) 174FT (167FT AGL) FLAGGED 1810251651-1911012300
- MIA 10/313 MIA OBST CRANE (ASN 2018-ASO-20054-OE) 254802N0801918W
(1.7NM W MIA) 173FT (166FT AGL) FLAGGED 1810251649-1911012300
- MIA 10/314 MIA OBST CRANE (ASN 2018-ASO-20057-OE) 254760N0801928W
(1.9NM W MIA) 190FT (183FT AGL) FLAGGED 1810251650-1911012300
- MIA 10/312 MIA OBST CRANE (ASN 2018-ASO-19531-OE) 254802N0801928W
(1.9NM W MIA) 167FT (160FT AGL) FLAGGED 1810251648-1911012300
- MIA 10/232 MIA OBST CRANE (ASN 2018-ASO-17900-OE) 254446N0801525W
(3.4NM SSE MIA) 390FT (380FT AGL) FLAGGED 1810171923-1912312300
- MIA 10/231 MIA OBST CRANE (ASN 2018-ASO-17899-OE) 254446N0801528W
(3.4NM SSE MIA) 390FT (380FT AGL) FLAGGED 1810171922-1912312300
- MIA 10/230 MIA OBST CRANE (ASN 2018-ASO-17898-OE) 254444N0801528W
(3.4NM SSE MIA) 390FT (380FT AGL) FLAGGED 1810171921-1912312300
- MIA 06/266 MIA OBST CRANE (ASN 2016-ASO-22076-OE) 254827N0801847W
(1.4NM WNW MIA) 107FT (100FT AGL) FLAGGED 1806221831-1910062000
- MIA 04/133 MIA OBST CRANE (ASN 2018-ASO-5150-OE) 254831N0801625W
(1.2NM NE MIA) 299FT (291FT AGL) FLAGGED 1804161100-1904012200
- MIA 04/215 MIA COM REMOTE TRANS/REC 118.1 CHANGED TO 118.65
1704211129-PERM
- **KMIA** A0555/19 (9/7396) 22FEB1623-29MAR1623 EST
ILS OR LOC **RWY** 30, AMDT 1B...

- S-ILS 30 DA 333/HAT 325, VIS RVR 5000 ALL CATS.
 TEMPO CRANE 113 MSL 2328FT SE OF **RWY 27** (2015-AS0-11959-OE).
- **KMIA** A0551/19 (9/7384) 22FEB1623-29MAR1623 EST
 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). **RWY 9**: STANDARD WITH MINIMUM
 CLIMB OF 493 FT PER NM TO 1800 (2017-AS0-26157-OE) (12-085482).
 TAKEOFF OBST NOTES: **RWY 8R**: TEMP CRANE 4381 FT FM DER, 1165
 FT RIGHT OF CL, 151 FT AGL/158 FT MSL (2016-AS0-24569-OE).
RWY 9: TEMPO CRANES BEGINNING 3305 FT FM DER, 792 FT RIGHT OF
 CL, UP TO 158 FT AGL/162 FT MSL
 (2017-AS0-26156/26157/26158-OE).
 ALL OTHER DATA REMAINS AS PUBLISHED.
 - **KMIA** A0552/19 (9/7385) 22FEB1623-29MAR1623 EST
 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 OBST CLIMB
 OF 500 FT PER NM TO 900 (12-002209, 12-085482). TAKEOFF OBST
 NOTES: **RWY 9**: TEMPO CRANES BEGINNING 3305 FT FM DER, 792 FT
 RIGHT OF CL, UP TO 158 FT AGL/162 FT MSL
 (2017-AS0-26156/26157/26158-OE).
 ALL OTHER DATA REMAINS AS PUBLISHED.
 - **KMIA** A0553/19 (9/7383) 22FEB1623-29MAR1623 EST
 EONNS TWO DEP (RNAV)...
 HEDLY TWO DEP (RNAV)...
 TKOF MNMS: **RWY 09**: STANDARD WITH MNM CLIMB OF 493FT PER
 NM TO 1400 (2017-AS0-26157-OE) (12-085482). **RWY 27**: 300-1 1/2 OR
 STANDARD WITH MNM CLIMB OF 316FT PER NM TO 400. **RWY 08L**:
 STANDARD WITH MNM OBST CLIMB OF 382FT PER NM TO 1400,
 MNM ATC CLIMB OF 500FT PER NM TO 900 (12-002209, 12-085482).
RWY 08R: STANDARD WITH MNM OBST CLIMB OF 326FT PER NM TO
 1400, MNM ATC CLIMB OF 500FT PER NM TO 900 (12-085482).
 TKOF OBST NOTES: **RWY 09**: TEMPO CRANES BEGINNING 3305FT
 FM DER, 792FT RIGHT OF CL, UP TO 158FT AGL/162FT MSL
 (2017-AS0-26156/26157/26158-OE). **RWY 27**: TEMPO CRANES BEGINNING
 5395FT FM DER, 872FT LEFT OF CL, UP TO 180FT AGL/191FT MSL
 (2016-AS0-11728 THRU 11735-OE).
 ALL OTHER DATA REMAINS AS PUBLISHED.
 - **KMIA** A0554/19 (9/7389) 22FEB1623-29MAR1623 EST
 MIAMI SIX DEPARTURE...
 TAKEOFF MINIMUMS: **RWY 8R**: STANDARD WITH MINIMUM CLIMB OF 382 FT
 PER
 NM TO 1800 (12-002209, 12-085482). **RWY 9**: STANDARD WITH MINIMUM
 CLIMB OF 493 FT PER NM TO 1800 (2017-AS0-26157-OE) (12-085482).
RWY
 27: 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 316 FT PER NM TO
 400. TAKEOFF OBST NOTES: **RWY 8R**: TEMP CRANE 4381 FT FM DER,
 1165 FT RIGHT OF CL, 151 FT AGL/158 FT MSL
 (2016-AS0-24569-OE). **RWY 9**: TEMPO CRANES BEGINNING 3305 FT FM
 DER, 792 FT RIGHT OF CL, UP TO 158 FT AGL/162 FT MSL
 (2017-AS0-26156/26157/26158-OE). **RWY 27**: TEMP CRANES BEGINNING
 5395
 FT FM DER, 872 FT LEFT OF CL, UP TO 180 FT AGL/191 FT MSL
 (2016-AS0-11728 THRU 11735-OE).
 ALL OTHER DATA REMAINS AS PUBLISHED.

- **KMIA** A0549/19 (02/275) 22FEB1247-01MAR2000 EST
RWY 08R RTHL U/S
- **KMIA** A0508/19 (02/240) 19FEB1837-30MAR2000 EST
RWY 26R RWY END ID LGT U/S
- **KMIA** A0507/19 (02/239) 19FEB1825-30MAR2000 EST
TACAN GTK/GRAND TURK CH89X U/S
- **KMIA** A0452/19 (02/193) 15FEB2046-25MAR1600
RWY 12/30 WIP CONST ADJ S EDGE
- **KMIA** A0419/19 (02/130) 12FEB0400-25MAR1600
TWY Y BTN TWY S AND RWY 12/30 CLSD TO ACFT WINGSPAN MORE THAN 214FT
- **KMIA** A0418/19 (02/129) 12FEB0400-25MAR1600
TWY S BTN TWY T3 AND TWY S1 CLSD
- **KMIA** A0351/19 (02/088) 08FEB1926-28FEB2000 EST
NDB ZIN / GREAT INAGUA FREQ 376 KHZ U/S
- **KMIA** A0114/19 (9/4268) 15JAN2016-27AUG2011 EST
TAKEOFF MINIMUMS AND (OBST) DEPARTURE PROCEDURES AMDT 17A...
TAKEOFF MINIMUMS: RWY 12, 300-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 219 FT PER NM TO 300 (2018-AS0-16634-OE). RWY 9, STANDARD WITH MINIMUM CLIMB OF 493 FT PER NM TO 1400 (2017-AS0-26157-OE) (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 OBST NOTES: RWY 12, TEMPO CRANE 1.03 NM FM DER, 213 FT LEFT OF CL, 172 FT AGL/180 FT MSL (2018-AS0-16634-OE). RWY 9, TEMPO CRANES BEGINNING 3305 FT FM DER, 792 FT RIGHT OF CL, UP TO 158 FT AGL/162 FT MSL (2017-AS0-26156/26157/26158-OE). RWY 12, TEMPO CRANE 4138 FT FM DER, 1489 FT LEFT OF CL, 144 FT AGL/150 FT MSL (2017-AS0-26156-OE). RWY 27, TEMPO CRANES BEGINNING 5395 FT FM DER, 872 FT LEFT OF CL, UP TO 180 FT AGL/191 FT MSL (2016-AS0-11728 THRU 11735-OE). RWY 26R, TEMPO CRANE 1314 FT FM DER, 531 FT RIGHT OF CL, 39 FT AGL/51 FT MSL (2018-AS0-18255-OE).
ALL OTHER DATA REMAINS AS PUBLISHED.
- **KMIA** A0097/19 (9/3617) 12JAN0539-15SEP0539 EST
RNAV (RNP) Y RWY 27, AMDT 2A...
RNP 0.11 DA 377/HAT 369 ALL CATS. RNP 0.30 DA 462/HAT 454 ALL CATS.
TEMPO CRANE 162 MSL 3646 FT E OF RWY 27 (2017-AS0-26156/26157/26158-OE).
TEMPO CRANE 180 MSL 5883 FT SE OF RWY 27 (2018-AS0-16634-OE).
- **KMIA** A0047/19 (9/2174) 08JAN1608-20AUG1608 EST
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 FM GEM LOC/DME.
TEMP CRANE 334 MSL 2.19 NM NW OF RWY 12 (2018-AS0-4422-OE).
- **KMIA** A0046/19 (9/2172) 08JAN1608-20AUG1608 EST
RNAV (RNP) Y RWY 30, ORIG-A...
PROC NA.
TEMP CRANES 113 MSL 2328 FT SE OF RWY 27 (2015-AS0-11959-OE).
- **KMIA** A0016/19 (9/1263) 04JAN1901-16AUG1859 EST
ILS OR LOC RWY 9, AMDT 10B...
S-LOC 9 MDA 500/HAT 493 ALL CATS. VIS CATS A/B RVR 4000, CAT C RVR 5000. TEMP CRANES UP TO 191 MSL 1.09 NM W OF RWY 9 (2016-AS0-11728 THRU 11735-OE).
- **KMIA** A0015/19 (9/1261) 04JAN1858-16AUG1858 EST
RNAV (GPS) RWY 9, AMDT 1B...
LNAV MDA 500/HAT 493 ALL CATS. VIS CATS C/D RVR 5000. TEMP CRANES

- UP TO 191 MSL 1.09 NM W OF **RWY 9** (2016-AS0-11728 THRU 11735-OE).
- **KMIA** A4264/18 (8/6228) 31DEC2353-31DEC2353 2020 EST
ILS OR LOC **RWY 9**, AMDT 10A...
MISSED APCH: CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 3000 ON
DHP VORTAC R-109 FOR RDR VECTORS, VKZ VOR U/S
 - **KMIA** A3626/18 (8/3749) 29OCT1150-10JUN1150 2019 EST
RNAV (GPS) Z **RWY 27**, AMDT 3A...
LPV DA 258/HAT 250 ALL CATS.
LNAV MDA 680/HAT 672 ALL CATS.
POLE 30 MSL 437 FT S OF **RWY 27** (12-026691).
TEMP CRANE 364 MSL 3.50 NM E OF **RWY 27** (2018-AS0-19420-OE).
 - **KMIA** A3627/18 (8/3748) 29OCT1150-10JUN1150 2019 EST
ILS OR LOC **RWY 27**, AMDT 27...
S-ILS 27 DA 258/HAT 250 ALL CATS.
TINKE FIX MINIMUMS
S-LOC 27 MDA 680/HAT 672 ALL CATS.
POLE 30 MSL 437 FT S OF **RWY 27** (12-026691).
TEMP CRANE 364 MSL 3.50 NM E OF **RWY 27** (2018-AS0-19420-OE).
 - **KMIA** A1631/18 16MAY2109-17MAY2000 EST
ILS **RWY 26R** DME U/S
 - **KMIA** A0887/18 (8/0521) 12MAR1900-PERM
CYPRESS NINE ARR...
CYPRESS STAR UNUSABLE BLW 10000FT WITHOUT SUITABLE RNAV EQPT
 - **KMIA** A0023/18 (01/018) 02JAN1348-PERM
TWY AA CLSD
 - **KMIA** A1117/17 (05/030) 04MAY1400-PERM
ILS **RWY 09** OM DECOMMISSIONED

DESTINATION

METAR KIAH 231253Z 18008KT 4SM BR OVC008 23/22 A2984 RMK A02
RAB1159E09 SLP103 CIG 007V009 P0000 T02280222

TAF KIAH 231121Z 2312/2418 16013KT 5SM -DZ BR OVC008 FM231400
22009G16KT 1SM -SHRA BR VCTS OVC007CB TEMPO 2314/2316 TSRA
FM231700 29013G23KT P6SM SCT020 BKN050 BKN250 FM231900 30013G23KT
P6SM SCT050 BKN250 FM240300 25005KT P6SM SCT250 FM240900 33009KT
P6SM FEW250

- IAH 02/245 IAH OBST TOWER LGT (ASR 1051975) 295611.00N0952260.00W
(3.6NM SW IAH) 303.1FT (220.1FT AGL) OUT OF SVC
1902221546-1903162359
- IAH 02/203 IAH AIRSPACE FIRE FIGHTING ACFT OPS WI AN AREA DEFINED
AS
.25NM RADIUS OF IAH (300FT S APCH END **RWY 8L**) SFC-95FT AGL DLY
2100-0300 1902212100-1903010300
- IAH 02/141 IAH **TWY** NN EDGE MARKINGS FOR **RWY 08R/26L** NOT STD
1902151058-1903221200
- IAH 02/087 IAH OBST TOWER LGT (ASR 1231241) 300424.80N0952320.20W
(5.8NM NNW IAH) 317.9FT (208.0FT AGL) OUT OF SVC
1902101722-1905110500
- IAH 02/080 IAH **TWY** NA EDGE MARKINGS BTN **TWY** NG AND **TWY** NR NOT STD
1902082349-1903090100
- IAH 02/079 IAH **TWY** NA CL MARKINGS BTN **TWY** NG AND **TWY** NR NOT STD
1902082346-1903090100
- IAH 02/078 IAH **TWY** NF HLDG PSN MARKINGS BTN **RWY 08R/26L** AND **TWY** NA
NOT STD 1902082341-1903090100
- IAH 02/077 IAH **TWY** NF SFC PAINTED HLDG PSN SIGNS BTN **RWY 08R/26L**
AND
TWY NA NOT STD 1902082335-1903090100
- IAH 02/076 IAH **TWY** NF CL MARKINGS BTN **RWY 08R/26L** AND **TWY** NA NOT
STD

- 1902082330-1903090100
- IAH 02/063 IAH **TWY** WB CL MARKINGS BTN **TWY** WG AND **TWY** NR NOT STD
1902071744-1903301800
- IAH 02/045 IAH OBST TOWER LGT (ASR 1049572) 295342.70N0952620.60W
(7.4NM SW IAH) 658.8FT (567.9FT AGL) OUT OF SVC
1902040620-1903060620
- IAH 02/031 IAH **TWY** NR CL MARKINGS BTN **RWY** 08R/26L AND **TWY** NA NOT
STD
1902031225-1907312300EST
- IAH 02/018 IAH **TWY** FC CL MARKINGS BTN **RWY** 08L/26R AND **TWY** FA NOT
STD
1902021821-1906011800
- IAH 02/016 IAH **TWY** NC CL MARKINGS BTN **TWY** ND AND **TWY** NC SPOT 9 NOT
STD 1902021354-1906011800
- IAH 01/294 IAH **TWY** ND CL MARKINGS BTN **TWY** NC AND **TWY** NB EAST SIDE
NOT
STD 1901300950-1903221200
- IAH 01/134 IAH APN TERMINAL ALPHA SOUTH RAMP SPOT 3 LOCATION
MARKINGS E SIDE NOT STD 1901111650-1903311200
- IAH 01/135 IAH APN TERMINAL ALPHA SOUTH RAMP SPOT 2 LOCATION
MARKINGS E SIDE NOT STD 1901111651-1903311200
- IAH 01/026 IAH OBST TOWER LGT (ASR UNKNOWN) 300306.20N0951338.70W
(7.18NM SW IAH) 203FT (126FT AGL) OUT OF SVC
1901031616-1904031615
- IAH 01/020 IAH OBST TOWER LGT (ASR 1051705) 294927.00N0952347.90W
(10.0NM SSW IAH) 268.0FT (208.0FT AGL) OUT OF SVC
1901021808-1904020500
- IAH 12/161 IAH OBST TOWER LGT (ASR 1047091) 300058.80N0951946.80W
(2.0NM NNE IAH) 283.8FT (190.9FT AGL) OUT OF SVC
1812151337-1903150500
- IAH 12/147 IAH OBST TOWER LGT (ASR 1052799) 295347.00N0951727.00W
(5.9NM SSE IAH) 296.3FT (244.1FT AGL) OUT OF SVC
1812131820-1912312300
- IAH 12/146 IAH OBST TOWER LGT (ASR 1052798) 295349.00N0951727.00W
(5.8NM SSE IAH) 296.3FT (244.1FT AGL) OUT OF SVC
1812131819-1912312300
- IAH 03/045 IAH AIRSPACE UAS WI AN AREA DEFINED AS .8NM RADIUS OF
IAH356015 (3.3NM NNW 9X1) SFC-400FT AGL TUE-FRI SR-SS
1803061242-1903060023
- **KIAH** A0776/19 23FEB1247-23FEB2200
TWY ALL WET OBS AT 1902231247.
- **KIAH** A0775/19 23FEB1245-23FEB2200
RWY 33L 5/5/5 100 PCT WET OBS AT 1902231245.
- **KIAH** A0774/19 23FEB1244-23FEB2200
RWY 15R 5/5/5 100 PCT WET OBS AT 1902231244.
- **KIAH** A0773/19 23FEB1243-23FEB2200
RWY 26R 5/5/5 100 PCT WET OBS AT 1902231243.
- **KIAH** A0772/19 23FEB1242-23FEB2200
RWY 08R 5/5/5 100 PCT WET OBS AT 1902231241.
- **KIAH** A0771/19 23FEB1240-23FEB2200
RWY 08L
5/5/5 100 PCT WET
OBS AT 1902231240.
- **KIAH** A0770/19 23FEB1238-23FEB2200
RWY 26L 5/5/5 100 PCT WET OBS AT 1902231238.
- **KIAH** A0769/19 23FEB1237-23FEB2200
APN ALL WET OBS AT 1902231236.
- **KIAH** A0768/19 23FEB1236-23FEB2200
RWY 09 5/5/5 100 PCT WET OBS AT 1902231235.
- **KIAH** A0767/19 23FEB1232-23FEB2200
RWY 27 5/5/5 100 PCT WET OBS AT 1902231232.
- **KIAH** A0762/19 (02/242) 22FEB1310-26FEB2000

- RWY 33L PAPI U/S**
- **KIAH** A0713/19 (02/207) 21FEB1012-31DEC1200
RWY 08R/26L EDGE MARKINGS NOT STD
 - **KIAH** A0706/19 (9/6203) 20FEB1819-26APR1818 EST
RNAV (GPS) Z **RWY 26L**, AMDT 4B...
LPV DA 530/HAT 435, VIS RVR 5000 ALL CATS.
TEMPO CRANE 350 MSL 1946FT SE OF **RWY 26L** (2018-ASW-2791-NRA).
 - **KIAH** A0704/19 (02/202) 21FEB1330-01MAR1330
TWY FB BTN TWY NE AND TWY FC CLSD
 - **KIAH** A0703/19 (02/201) 21FEB1330-01MAR1330
TWY FA BTN TWY NE AND TWY FC CLSD
 - **KIAH** A0702/19 (02/200) 21FEB1330-01MAR1330
TWY NE BTN APCH END RWY 08L AND TWY FC CLSD
 - **KIAH** A0696/19 (02/197) 20FEB1342-01APR2000 EST
RWY 33R RVR TDZ U/S
 - **KIAH** A0695/19 (02/196) 20FEB1342-01APR2000 EST
RWY 15L RVR (RWY VISUAL RANGE ROLLOUT) U/S
 - **KIAH** A0682/19 (9/5255) 19FEB1320-19FEB1320 2021 EST
ILS OR LOC **RWY 08L**, AMDT 4C...
ILS **RWY 08L** (SA CAT I), AMDT 4C...
ILS **RWY 08L** (CAT II AND III), AMDT 4C...
ILS OR LOC **RWY 15R**, AMDT 2A...
ILS OR LOC **RWY 26L**, AMDT 21C...
ILS **RWY 26L** (SA CAT I), AMDT 21C...
ILS **RWY 26L** (CAT II AND III), AMDT 21C...
ILS OR LOC **RWY 26R**, AMDT 4A...
ILS **RWY 26R** (SA CAT I), AMDT 4A...
ILS **RWY 26R** (CAT II AND III), AMDT 4A...
ILS OR LOC **RWY 27**, AMDT 11..
ILS **RWY 27** (SA CAT I), AMDT 11...
ILS **RWY 27** (CAT II AND III), AMDT 11 ...
DME REQUIRED EXC FOR ACFT EQUIPPED WITH SUITABLE
RNAV SYSTEM WITH GPS, HUB VOR/DME U/S
 - **KIAH** A0671/19 (02/175) 19FEB1111-22MAR1300
TWY EA RUTS IN SAFETY AREA WEST SIDE TWY EA BTN TWY NB AND TWY EC
 - **KIAH** A0601/19 (02/133) 13FEB1324-31MAR1800
TWY WB BTN TWY WV AND TWY WN CLSD TO ACFT WINGSPAN MORE THAN 214FT
 - **KIAH** A0503/19 (9/9993) 04FEB1956-03MAR1956 EST
ILS **RWY 26L** (SA CAT I), AMDT 21C ...
ILS **RWY 26L** (CAT II AND III), AMDT 21C ...
PROC NA.
EFFECTIVE DURG VMC CONDITIONS ONLY UNLESS ADVISED BY ATC.
TEMPO CRANE, 286FT MSL, 1770FT SE OF APCH END **RWY 26L**
(2017-ASW-3382-NRA)
 - **KIAH** A0501/19 (9/9991) 04FEB1953-31JUL1953 EST
ILS **RWY 8R** (SA CAT I AND II), AMDT 26 ...
PROC NA.
EFFECTIVE DURG VMC CONDITIONS ONLY UNLESS ADVISED BY ATC.
TEMPO CRANE 350 MSL 1946 FT SE OF **RWY 26L** (2018-ASW-2791-NRA)
 - **KIAH** A0434/19 (01/325) 31JAN1945-01JUL1800
TWY EE EDGE LGT BTN EAST CARGO NORTH RAMP AND TWY EA U/S
 - **KIAH** A0433/19 (01/324) 31JAN1944-01JUL1800
TWY ED EDGE LGT BTN EAST CARGO NORTH RAMP AND TWY EA U/S
 - **KIAH** A0432/19 (01/323) 31JAN1943-01JUL1800
TWY EC EDGE LGT BTN EAST CARGO SOUTH RAMP AND TWY EA U/S
 - **KIAH** A0428/19 (01/322) 31JAN1942-01JUL1800
TWY EB EDGE LGT BTN TWY EE AND TWY EC U/S
 - **KIAH** A0426/19 (01/321) 31JAN1942-01JUL1800
TWY EA EDGE LGT BTN TWY EE AND TWY EC U/S
 - **KIAH** A0377/19 (01/284) 31JAN1300-01JUN1800
TWY EA BTN TWY EC AND TWY NB CLSD

- **KIAH** A0376/19 (01/283) 31JAN1300-01JUN1800
TWY EB BTN **TWY** EC AND **TWY** NB **CLSD**
- **KIAH** A0375/19 (01/282) 31JAN1300-01JUN1800
TWY NB BTN **TWY** N3 AND **TWY** EB **CLSD**
- **KIAH** A0352/19 (9/7101) 28JAN1223-09SEP1223 EST
ILS OR LOC **RWY** 26L, AMDT 21C...
S-ILS 26L DA 456/HAT 361 ALL CATS. VIS RVR 3500
ALL CATS. SOROFY FIX MINIMUMS (DME REQUIRED)
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 U/S ALSF, 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.
SOROFY FIX MINIMUMS: FOR U/S ALSF, INCREASE S-LOC 26L
CAT C/D/E VISIBILITY TO 1 3/8 MILES. TEMPO CRANE,
286FT MSL,
1770FT SE OF APCH END **RWY** 26L (2017-ASW-3382-NRA).
- **KIAH** A0350/19 (9/7099) 28JAN1223-09SEP1223 EST
GLS **RWY** 26L, AMDT 1B...
GLS DA 457/HAT 362 ALL CATS VIS RVR 3500 ALL CATS.
FOR U/S ALSF, INCREASE GLS ALL CATS TO RVR 5500.
TEMPO CRANE, 286FT MSL, 1770FT SE OF APCH END **RWY** 26L.
- **KIAH** A0349/19 (01/265) 28JAN1047-22MAR1200
TWY NN CL MARKINGS FOR **RWY** 08R/26L NOT STD
- **KIAH** A0322/19 (01/235) 23JAN2011-31MAR2000
RWY 15L PAPI U/S
- **KIAH** A0321/19 (01/234) 23JAN2010-31MAR2000
RWY 33R ALS U/S
- **KIAH** A0316/19 (01/229) 23JAN1604-31MAR2000
ILS **RWY** 33R U/S
- **KIAH** A0213/19 (01/162) 14JAN1850-30MAR2300
TWY NB BTN **TWY** NE AND **TWY** WP **CLSD** TO ACFT WINGSPAN MORE THAN
118FT WHEN ACFT WITH WINGSPAN GREATER THAN 214 FT ARE ON **TWY** NA
BTN **TWY** NE AND **TWY** WP.
- **KIAH** A0212/19 (01/161) 14JAN1848-30MAR2300
TWY NA BTN **TWY** NE AND **TWY** WP **CLSD** TO ACFT WINGSPAN
MORE THAN 118FT WHEN ACFT WITH WINGSPAN GREATER THAN 214 FT ARE
ON **TWY** NB BTN **TWY** NE AND **TWY** WP.
- **KIAH** A0159/19 (01/130) 14JAN1200-31MAR1800
RWY 15L/33R **CLSD**
- **KIAH** A0157/19 (01/128) 14JAN1200-31MAR1800
TWY WD BTN **RWY** 15L/33R AND **TWY** WP **CLSD**
- **KIAH** A0156/19 (01/127) 14JAN1200-31MAR1800
TWY WJ BTN **TWY** WP AND **RWY** 15L/33R **CLSD**
- **KIAH** A0155/19 (01/126) 14JAN1200-31MAR1800
TWY WL BTN **RWY** 15L/33R AND **TWY** WP **CLSD**
- **KIAH** A0154/19 (01/125) 14JAN1200-31MAR1800
TWY WV BTN **RWY** 15L/33R AND **TWY** WB **CLSD**
- **KIAH** A0151/19 (01/122) 14JAN1200-31MAR1800
TWY WF BTN **TWY** WA AND **TWY** WB **CLSD**
- **KIAH** A0152/19 (01/123) 14JAN1200-31MAR1800
TWY WG BTN **TWY** WB AND **TWY** WA **CLSD**
- **KIAH** A0153/19 (01/124) 14JAN1200-31MAR1800
TWY WD BTN **RWY** 15L/33R AND **TWY** WB **CLSD**
- **KIAH** A0149/19 (01/120) 14JAN1200-31MAR1800
TWY WA BTN **TWY** WG AND **TWY** WW **CLSD**
- **KIAH** A0150/19 (01/121) 14JAN1200-31MAR1800
TWY WE BTN **TWY** WA AND **TWY** WB **CLSD**
- **KIAH** A0108/19 (01/082) 10JAN1336-30NOV1800
TWY WB BTN **TWY** WW AND **TWY** WN WIP LGTD AND BARRICADED
- **KIAH** A5759/18 (12/177) 17DEC1931-28JUN0001 2019 EST
/IAH/ GBAS OUT OF SVC
- **KIAH** A5758/18 (12/176) 17DEC1911-28JUN0001 2019 EST

- GLS RWY 08L, RWY 08R, RWY 09, RWY 26L, RWY 26R, RWY 27 U/S
- **KIAH** A5482/18 (11/301) 29NOV1356-31JUL2200 2019
TWY WL BTN RWY 15L/33R AND TWY WB CLSD
 - **KIAH** A4593/18 (8/2302) 12OCT1931-24MAY1931 2019 EST
RNAV (GPS) RWY 15R, AMDT 2B...
LNAV/VNAV: DA 460/HAT 364, ALL CATS VISIBILITY RVR 3500.
NOTE: FOR U/S 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 U/S 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.
 - **KIAH** A4581/18 (8/0829) 11OCT1127-23MAY1127 2019 EST
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 350FT MSL 1946FT SE OF RWY 26L
 - **KIAH** A4550/18 (8/9084) 11OCT0901-22MAY1205 2019 EST
ILS OR LOC RWY 8R, AMDT 26...
S-ILS 08R CAT E: DA 295/HAT 200, RVR 1800.
S-LOC 08R CAT E: MDA 560/HAT 465, RVR 5000.
 - **KIAH** A4549/18 (8/9082) 11OCT0901-22MAY1200 2019 EST
RNAV (RNP) Y RWY 26L, ORIG-C...
DISREGARD NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.
 - **KIAH** A5118/17 20DEC1640-31DEC2359 2019
HUDZY THREE ARRIVAL REVISE ARRIVAL RTE DESCRIPTION. FM
OVER HUDZY ON IAH R-067 TO CLWSN, THEN ON IAH R-067 TO SWAAA. EXP
VECTORS TO FINAL APCH COURSE AT OR PRIOR TO SWAAA. HUB VOR/DME
U/S.
 - **KIAH** A5117/17 (7/7377) 20DEC1620-31DEC2359 2019
GILCO FOUR ARRIVAL GILCO FIX DME ONLY. HUB VOR/DME U/S
 - **KIAH** A3532/17 (08/187) 24AUG0947-PERM
ILS RWY 08L DME DECOMMISSIONED
 - **KIAH** A1350/14 (4/6749) 04JUN1700-PERM
RNAV (GPS) Z RWY 8L, AMDT 5...
ADD CHART MANDATORY 6000 AT GUSHR.
ADD CHART MANDATORY 4000 AT BEPEA.
THIS IS RNAV (GPS) Z RWY 8L, AMDT 5A.

DESTINATION ALTERNATE

METAR KSKF 231156Z AUTO 31004KT 5SM BR OVC005 15/15 A2983 RMK A02
CIG 003 RWY34 SLP099 60001 70001 T01500150 10150 20138 53008 \$

TAF AMD KSKF 231200Z 2312/2416 VRB06KT 4800 BR OVC004 QNH2978INS
TEMPO 2312/2313 3200 -DZ BR OVC002 BECMG 2314/2315 30015G25KT 9999
NSW SCT300 QNH2990INS TEMPO 2318/2324 28025G30KT BECMG 2323/2324
28009KT 9999 SCT300 QNH3002INS TX21/2320Z TN15/2312Z

- **KSKF** M0077/19 22FEB2207-03MAR2300
MEN AND EQPT PERFORMING MAINT WORK ON ILS
EQPT. DLY 1300Z-2300Z (0700-1700L)
- **KSKF** M0076/19 22FEB2156-25FEB2300
ILS NOT AVBL. 23-25 FEB DLY 1300Z-2300Z
(0700L-1700L).
- **KSKF** M0073/19 22FEB0943-23FEB2359
RWY 16/34 WET
- **KSKF** L0005/19 12FEB2001-12MAY2359
CTN: BALLPARK LGT & OBST LGT LOCATED
BTN HANGARS 1610 & 1612 ARE NOT ILLUMINATED.

- **KSKF** M0050/19 06FEB0417-31MAR2359
RWY 16/34 RUBBER DEPOSIT BUILD-UP ON RWY NORTH AND SOUTH TDZ AREAS OBSCURING TWY-C, E, AND J LEAD-IN LINES, ARRESTING GEAR MARKERS AND CL STRIPES. CTN: POTENTIAL FOR REDUCED BRAKING CAPABILITY AND/OR DIRECTIONAL CONTROL EXISTS, PARTICULARLY DURG WET RWY SFC CONDITION.
- **KSKF** L0004/19 01FEB0308-01MAY2359
RAMP TRANSIENT RAMP ACFT PRKG ROW SPOTS 4-1, 5-1 AND 6-1 **CLSD**. USE CTN FOR CONST WEST OF HANGAR 1610 AND HANGAR 1612.
- **KSKF** V0012/19 01FEB0020-02MAY2359
AD 35 EXCAVATOR 1270 NORTH OF AER 16, 236 WEST OF CENTER LINE FM 4 FEB 2019 UFN.
- **KSKF** V0013/19 01FEB0020-02MAY2359
AD MEN AND EQPT 1270 NORTH OF AER 16, 236 WEST OF CENTER LINE FM 4 FEB 2019 UFN.
- **KSKF** V0011/19 01FEB0020-02MAY2359
AD APCH MINIMA CHANGE RNAV (GPS) RWY 16, LNAV- CAT A & B MDA TO 1300, RVR: 40, HAT TO 610. VIS: (700-3/4), CAT C, D, E MDA: 1300, RVR 1 3/8, HAT: 610, VIS (700-1 3/8)
- **KSKF** V0010/19 01FEB0020-02MAY2359
AD APCH MINIMA CHANGE HI-TACAN RWY 16, TACAN RWY 16. ALL CAT MDA: 1120, RVR: 40, HAT TO 430. VIS-ALL CAT: (500-3/4
- **KSKF** V0009/19 01FEB0020-02MAY2359
AD APCH MINIMA CHANGE: (IAP) CHANGE HI-ILS OR LOC/DME RWY 34 AND ILS OR LOC/DME RWY 34: LOC ONLY-ALL CAT MDA: 1100, RVR: 40, HAT: 440, VIS-ALL CAT: (500-3/4
- **KSKF** V0004/19 01FEB0000-01MAY2359
AD APCH MINIMA CHNAGE: (IAP) CHANGE HI-ILS OR LOC/DME RWY 16 AND ILS OR LOC/DME RWY 16: ILS-ALL CAT DH: 940, RVR: 40, HAT: 250. CAT A, B, C, D, E VIS TO (300-3/4) MILES. LOC- ALL CAT MDA: 1120, RVR: 40, HAT: 430, VIS-ALL CAT: (500-3/4
- **KSKF** L0001/19 30JAN1146-31MAR2359
RAMP TRANSIENT RAMP ROW 11 PRKG SPOTS: USE CTN FOR MOBILE OBSTACLES NORTH OF PRKG SPOTS.
- **KSKF** M0018/19 11JAN1102-28FEB1103
TWY C DIRECTIONAL SIGN, EAST OF RWY 16 U/S
- **KSKF** M0017/19 11JAN1044-28FEB1045
RWY 34 PRE-THR LGTS U/S
- **KSKF** M0015/19 11JAN1040-28FEB1040
(2) TWO TWY D DIRECTIONAL SIGNS, EAST OF RWY 16/34 U/S
- **KSKF** M0006/19 05JAN0232-28FEB2359
AD 8 OBST LGTS SURROUNDING 433RD PRKG RAMP NOT ILLUMINATED
- **KSKF** V0006/18 28NOV1741-25FEB2359 2019
AD IAP TACAN RWY 16, ORG... CHANGE MINIMUM ALT AT TASME TO 3100, CHANGE ALT AT IDEEL TO AT OR ABV 3100.
- **KSKF** V0005/18 27NOV2220-25FEB2359 2019
AD IAP HI-TACAN RWY 16, ORG... CHANGE MINIMUM ALT AT EMDIS TO 3100, CHANGE ALT AT ERIPE TO 3100, CHANGE ALT AT IDEEL TO 3100.
- **KSKF** V0004/18 27NOV2216-25FEB2359 2019
AD IAP HI-ILS OR LOC/DME RWY16, ORG...CHANGE MINIMUM ALT AT EMDIS TO 3100, CHANGE ALT AT ERIPE TO 3100, CHANGE ALT AT FAMDO TO 3100.
- **KSKF** V0003/18 27NOV2155-25FEB2359 2019
AD TACAN RWY 34, ORG...CHANGE MA INSTRUCTIONS: CLIMB TO 2500 VIA KSY TACAN R-331 UNTIL 9 DME, CROSS 9 DME AT 2500,

THEN CONT CLIMB TO 3100 TO IDEEL/12 DME. EXP ATC INSTRUCTIONS.

- **KSKF** V0002/18 27NOV2146-25FEB2359 2019
AD HI-TACAN **RWY** 34, ORG... CHANGE MA
INSTRUCTIONS: CLIMB TO 2500 VIA KSY TACAN R-331 UNTIL 9 DME,
CROSS
9
DME AT 2500, THEN CONT CLIMB TO 3100 TO IDEEL/12 DME. EXP ATC
INSTRUCTIONS.
- **KSKF** V0001/18 27NOV2142-25FEB2359 2019
AD IAP ILS OR LOC/DME **RWY** 16, ORG... CHANGE
MINIMUM ALT AT TASME TO 3100, CHANGE ALT AT FAMDO TO 3100.

OTHER

SPECI KVPS 231219Z AUTO 13007KT 1/4SM R19/2800V3000FT FG VV001 20/20
A3006 RMK A02 RAB07E09 SLP186 \$

TAF KVPS 231000Z 2310/2416 14006KT 0400 FG VV001 QNH3003INS BECMG
2314/2315 14006KT 3200 BR OVC006 QNH3008INS BECMG 2316/2317
15010KT 6000 BR OVC012 QNH3005INS TEMPO 2318/2320 8000 BR SCT007
BKN020 BECMG 2322/2323 16008KT 0800 FG OVC002 QNH3003INS BECMG
2406/2407 19009KT 3200 BR OVC004 QNH2999INS BECMG 2410/2411
22010KT 4800 -RA BR OVC009 QNH3000INS BECMG 2414/2415 31010G18KT
9000 -RA BKN012 BKN030 OVC120 QNH3006INS TX23/2321Z TN18/2410Z

- **KVPS** M0170/19 23FEB1058-23FEB2359
RWY 01/19 & **RWY** 12/30 ARE WET WITH NO STANDING WATER
- **KVPS** L0022/19 23FEB1200-23FEB2000
TWY B **CLSD** BTW **TWY** DELTA AND **TWY** ECHO
- **KVPS** M0166/19 23FEB0400-04MAR0900
DLY 0400-0900
AD DASR OTS
- **KVPS** M0162/19 21FEB1554-01MAR2359
RWY 01 SEQUENCED FLG LGTS ARE OUT OF SVC.
- **KVPS** L0019/19 21FEB1519-25FEB1700
TWY B **CLSD** BTW B3 AND B4 (B4 REMAINS OPEN)
- **KVPS** L0011/19 13FEB2040-15MAR2359
RAMP EAST APN PRKG SPOT INDIA 3 **CLSD**
- **KVPS** M0119/19 07FEB1606-01MAY2300
DLY SR-SS
OBST: 150FT CRANE LOCATED AT
30-30-07.5N 86-29-38.50W
- **KVPS** M0091/19 31JAN0241-25MAR2359
RWY 30 SEQUENCED FLG LGTS OUT OF SVC.
- **KVPS** M1246/18 30DEC1111-28FEB2359 2019
OBST LGT LOCATED ON BLDG 123 U/S
LOCATED AT INTERSECTION OF **TWY** ROMEO AND **TWY** HOTEL.
- **KVPS** M1216/18 18DEC2235-17MAR2359 2019
USE CTN: MEN AND EQPT WORKING AT THE
INTERSECTION OF **TWY** B AND **TWY** C NEAR Z4 AND Z5 PRKG SPOTS.
- **KVPS** M1114/18 30NOV0210-27FEB2359 2019
TWY G EDGE LGT U/S INCLUDING SOUTH EOR
LGTS. USE OF SOUTH EOR FOR NIGHT/IFR OPS REQUIRES USE OF
PREPOSITIONED LGT ALLS. TRANSIENT AIRCREWS USE **TWY** R CL TO
ACCESS **RWY** 1 AT **TWY** G.
- **KZMA** A0332/19 23FEB1830-23FEB2130
STNR ALT RESERVATION STARFIGHTER
ACT. MIAMI CENTER WILL NOT APPROVE IFR FLIGHTS AND VFR
SHOULD EXER EXTREME CTN WI AN AREA DEFINED AS
2842N08029W TO 2856N07942W TO 2800N07952W TO 2800N08002W
TO POINT OF ORIGIN. THIS ALT RESERVATION ENCOMPASSES

- PORTIONS OF W497A/B.
FL040 / FL300
- **KZMA** A0331/19 (02/252) 23FEB1915-23FEB2215
W168 ACT
SFC / FL250
 - **KZMA** A0314/19 (9/6279) 20FEB1950-20FEB1950 2021 EST
RTE ZMA.
V531 SHEDS, FL TO BAIRN, FL MEA 8000.
SFC / UNL
 - **KZMA** A0142/19 29JAN1200-24FEB2200
THE FLWG AIRSPACE RSVN IN USE FOR AIR OPNS.
TAILHOOK DELTA AFFECTING AR3/AR16/AR18/AR23/AR24/A700/G446.
FM 3000N/7713W TO 2930N/7818W TO 2920N/7820W TO 2914N/7843W
TO 3000N/7836W TO POINT OF ORIGIN.SFC-FL240
TAILHOOK ECHO 1
FM 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
FM 2933N7840W TO 2914N7843W TO 2857N7943W TO 2912N7937W
TO POINT OF ORIGIN. 13000FT-FL240
TAILHOOK FOX AFFECTING AR3,AR16,AR17,AR18,AR19,AR21,AR22,AR23,AR24
AND G446.
FM 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-FL240.
TAILHOOK FOX EXTENSION.
FM 2850N/8029W TO 2850N/8006W TO 2856N/7945W TO 2800N/7945W
TO POINT OF ORIGIN. 6000FT-FL240
TIMES ARE SUBJECT TO CHANGE. CALL ZMA MISSION DESK @ 305-716-1589
FOR REAL TIME SCHEDULING.
SFC / FL430
 - **KZMA** A1690/18 20NOV1730-19NOV1700 2019
DUE TO FLORIDA METROPLEX Q AND Y RTE IMPLEMENTATION GNSS
EQUIPPED
ACFT DEPARTING FM SOUTH FLORIDA (ZMA) SHALL FILE THE FLWG
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 -
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?- LACEN PATOY JAWJA -?
DEPARTING SRQ/VNC VIA - MOMIE PATOY JAWJA -
DEPARTING APF/MKY/RSW/FMY/PGD VIA - LAL PATOY MICES Q116 -
DEPARTING EYW VIA - KARTR FEMID Q118 SHEEK SMELZ PATOY MICES Q116

DEPARTING MTH VIA - FEMID Q118 SHEEK SMELZ PATOY MICES Q116 -
 TO THE WEST (OVER GULF)
 DEPARTING MIA/OPF/TMB/HWO/07FA VIA - DOLIE Y280 LEV -
 DEPARTING FLL/FXE/PMP VIA - JAYMC Y280 LEV -
 DEPARTING TPA/SRQ/VNC/PIE VIA - REMIS Y280 LEV -
 DEPARTING RSW/FMY/PGD/APF/MKY VIA - REMIS Y280 LEV -
 DEPARTING EYW VIA - TUNSL Q81 THMPR Y290 CIGAR -
 DEPARTING MTH VIA - KARTR Q81 THMPR Y290 CIGAR -
 FL180 UP TO FL999
 SFC / UNL

- **KZMA** A1648/18 09NOV2200-09NOV2000 2019

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 SG0
 L452 - LNHOM L452 SLUKA SEKAR A554 PTA T13 SG0
 L453 - LAMER L453 RODRK SEKAR A554 PTA T13 SG0
 L454 - LUCTI L454 MNDEZ SEKAR A554 PTA T13 SG0
 B891 - WATRS B891 POKEG B891 PTA T13 SG0

END PART 1 OF 2

TO MDPP:

L451 - LETON L451 IORIO SEKAR A554 PTA
 L452 - LNHOM L452 SLUKA SEKAR A554 PTA
 L453 - LAMER L453 RODRK SEKAR A554 PTA
 L454 - LUCTI L454 MNDEZ SEKAR A554 PTA
 B891 - WATRS B891 POKEG B891 PTA

TO TNCN/TQPF:

L451 - LETON L451 IORIO FIPEK Y355 SLUGO
 L452 - LNHOM L452 SLUKA FIPEK Y355 SLUGO
 L453 - LAMER L453 RODRK FIPEK Y355 SLUGO
 L454 - LUCTI L454 MNDEZ FIPEK Y355 SLUGO

TO TISX/TUPJ:

L451 - LETON L451 IORIO FIPEK Y355 KOLAO
 L452 - LNHOM L452 SLUKA FIPEK Y355 KOLAO
 L453 - LAMER L453 RODRK FIPEK Y355 KOLAO
 L454 - LUCTI L454 MNDEZ FIPEK Y355 KOLAO

TO TJSJ/TJIG:

L451 - LETON L451 IORIO FIPEK Y355 PLING RTE7 SAALR
 L452 - LNHOM L452 SLUKA FIPEK Y355 PLING RTE7 SAALR
 L453 - LAMER L453 RODRK FIPEK Y355 PLING RTE7 SAALR
 L454 - LUCTI L454 MNDEZ FIPEK Y355 PLING RTE7 SAALR

TO TIST:

- L451 - LETON L451 IORIO FIPEK Y355 KOLAO JETSS ?
 L452 - LNHOM L452 SLUKA FIPEK Y355 KOLAO JETSS?
 L453 - LAMER L453 RODRK FIPEK Y355 KOLAO JETSS?
 L454 - LUCTI L454 MNDEZ FIPEK Y355 KOLAO JETSS
 SFC / UNL
- **KZMA** A1636/18 08NOV0000-PERM
 RTE Y587 IS **CLSD** BTN SKIPS AND HARDE.
 SFC - FL600
 SFC / FL600
 - **KZMA** A1270/16 10NOV1755-PERM
 RTE G431 IS NOT AUTH SOUTHBOUND BTN WAYPOINTS IORIO
 AND ELMUC. OPERATORS WISHING TO USE G431 SOUTHBOUUND MUST FILE
 IORIO
 G504 COUKY Y585 ELMUC.
 FL055/FL600
 FL055 / FL600
 - **KZMA** A1262/16 10NOV0501-PERM
 RTE L451 IS NOT AUTHORIZED SOUTHBOUND BTN WAYPOINTS IORIO
 AND ELMUC. OPERATORS WISHING TO USE L451 SOUTHBOUUND MUST FILE
 L451 IORIO L450 COUKY Y585 ELMUC.
 FL055/FL600
 FL055 / FL600
 - **KZMA** A0846/16 28JUN1443-PERM
 MAIMI CENTER NO LONGER REQUIRES A 10MIN CALL PRIOR TO
 CROSSING THE MIAMI FIR BOUNDARY EXC FOR NORTHBOUND TFC OVER
 FLWG LOCATIONS: NORTHBOUND ACFT FM SANTO DOMINGO FIR USE
 126.45.
 NORTHBOUND ACFT FM PORT-AU-PRINCE FIR USE 123.77. NORTHBOUND ACFT
 FM CUBA FIR OVERFLYING DINAH 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
 CENTER 10MIN PRIOR TO CROSSING THE MIAMI CTA/FIR BOUNDARY DUE TO
 HEAVY AIR TFC CONGESTION.
 FM SFC - UP TO FL600
 SFC / FL600
 - **KZMA** A1317/15 11DEC1455-PERM
 U.S. DOMESTIC DEPARTURES FM NORTHEAST AIRPORTS
 LDG CENTRAL/SOUTH FLORIDA AIRPORTS, THAT TRANSITION THROUGH
 WEST ATLANTIC RTE SYSTEM AIRSPACE (WATRS), SHALL NOT FILE THE
 FLWG AIRWAYS SOUTHWEST BOUND INTO ZMA OR ZJX AIRSPACE:
 M202, M203, M204 WITHOUT PRIOR COORDINATION THROUGH THE FAA SYSTEM
 COMMAND CENTER. EUROPEAN AND CANADIAN DEPARTURES ARE EXEMPT FM
 THIS RESTRICTION. SFC - FL600
 SFC / FL600
 - **KZJX** A0280/19 23FEB1500-23FEB1900
 W470F ACT
 SFC / FL600
 - **KZJX** A1816/18 (8/4313) 08NOV0901-30JAN0901 2020 EST
 Y289 DULEE, OA TO ZILLS, OA. ATC ASSIGNED ONLY.
 SFC / UNL
 - **KZJX** A1815/18 (8/4310) 08NOV0901-30JAN0901 2020 EST
 Y291 HOAGG, OA TO SAGGY ,OA. ATC ASSIGNED ONLY.
 SFC / UNL
 - **KZJX** A1814/18 08NOV0901-30JAN0901 2020 EST
 Y299 GRUBR, OA TO JRADN, OA. ATC ASSIGNED ONLY.
 SFC / UNL
 - **KZJX** A1812/18 08NOV0901-30JAN0901 2020 EST
 Y319 OHLAA, OA TO IDOLS, OA. ATC ASSIGNED ONLY.
 SFC / UNL
 - **KZJX** A1813/18 08NOV0901-30JAN0901 2020 EST
 Y309 PELCN, OA TO IDOLS, OA. ATC ASSIGNED ONLY.

- SFC / UNL
- **KZJX** A1811/18 (8/4304) 08NOV0901-30JAN0901 2020 EST
Y323 CARPX, OA TO IDOLS, OA. ATC ASSIGNED ONLY.
SFC / UNL
- **KZJX** A1810/18 (8/4299) 08NOV0901-30JAN0901 2020 EST
Y307 CARPX, OA TO GARIC, OA. ATC ASSIGNED ONLY.
SFC / UNL
- **KZJX** A1809/18 (8/4297) 08NOV0901-30JAN0901 2020 EST
Q409 JROSS, SC TO MRPIT, SC. ATC ASSIGNED ONLY.
SFC / FL450
- **KZJX** A1808/18 (8/4296) 08NOV0901-30JAN0901 2020 EST
Q135 JROSS, SC TO RAPZZ, SC. ATC ASSIGNED ONLY.
SFC / UNL
- **KZJX** A1806/18 (8/4294) 08NOV0901-30JAN0901 2020 EST
Q97 CAKET, SC TO ELLDE, SC. ATC ASSIGNED ONLY.
SFC / FL450
- **KZJX** A1807/18 (8/4295) 08NOV0901-30JAN0901 2020 EST
Q109 PANDY, SC TO LAANA, SC. ATC ASSIGNED ONLY.
SFC / FL450
- **KZJX** A1805/18 (8/4291) 08NOV0901-30JAN0901 2020 EST
Q85 IGARY, SC TO SMPRR, SC. ATC ASSIGNED ONLY.
SFC / FL450
- **KZJX** A1804/18 (8/4290) 08NOV0901-30JAN0901 2020 EST
Q113 RAYVO, SC TO SARKY, SC. ATC ASSIGNED ONLY.
SFC / UNL
- **KZJX** A1803/18 (8/4269) 08NOV0901-30JAN0901 2020 EST
Q87 JROSS, SC TO LCAPE, SC. ATC ASSIGNED ONLY.
SFC / UNL
- **KZHU** A0420/19 (02/132) 16FEB1830-06MAR2230
1830-2230
GPS (WSMR GPS 19-20) (INCLUDING WAAS, GBAS, AND
ADS-B) MAY NOT BE AVBL WI A 379NM RADIUS CENTERED AT
333554N1063556W
(TCS053039) FL400-UNL,
323NM RADIUS AT FL250,
243NM RADIUS AT 10000FT,
234NM RADIUS AT 4000FT AGL,
216NM RADIUS AT 50FT AGL.
SFC / UNL







