

Weather Study – Attachment 2
Flight Release and Weather Document

METEOROLOGY

DCA20CA038

SLWB3960/16/1235 DFW

31: Event Date/Time = 16Dec19 18:21:24 (GMT)
Flt# = 3960 DFW GNV Sched Date (GMT) = 16Dec 18:35 LTD (GMT):16Dec 18:35 Nose# =
805 Reg# = Equip = E140
History Type = CCIEFP

JPR3960/16DEC/1235 DFW<

- IFR ENY3960/16 805/N805AE DFW GNV ALTN NONE
MIN T/O FUEL 6421 RLS FUEL 006835 FERRY 2128
TOT BRN 4693 PLAN ARR FUEL 4270 02HR/22MIN
BEST PFL 370
RTX - PLAN 1 OF 1 - RTE 11 - CTLD CALC/RTE

FF KZFWZQZX KDENXLDX 161720 KTULSYMD

fFPL-ENY3960-IS

-E135/M-SDE3FGRWZ/EB1

-KDFW1835

-N0439F350 FORCK2 FORCK DCT ELD/N0432F370 DCT MEI DCT SZW DCT

-KGNV0148

-PBN/C2C3D2D3 NAV/RNVD1E2A1

SUR/260B REG/N805AE SEL/NONE

CODE/AAF475

TO	LAT	LONG	MC	IAS	GS	TD	SD	ST	SB	TH
IDENT	FL	WIND WCP	MH	MK	TAS	I	TLDR	TTLT	TTLB	
HANUH		N32478 W096200	094			P03	0036			
HANUH		25071 P059	101			0				47
	AWIND	..AGS.....	ETA.....			ATA.....		ABURN.....		

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TOP OF CLIMB			079			P03	0100	0022	0182	
TOC	35	24084 P074	086			0	0662	0022	0182	53
AWIND		AGS.....	ETA.....			ATA.....		ABURN.....		

FORCK		N32597 W094161	079	256	541	P04	0005	0000	0002	
FORCK	35	24114 P102	085	755	439	0	0657	0022	0184	53
AWIND		..AGS.....	ETA.....			ATA.....		ABURN.....		

EL DORADO		N33153 W092446	075	256	542	P03	0078	0009	0035	
ELD	35	23117 P104	081	755	438	0	0579	0031	0219	51
115.50	AWIND	AGS.....	ETA.....			ATA.....		ABURN.....		

MERIDIAN		N32227 W088482	102	242	515	P02	0206	0024	0093	
MEI	37	25109 P083	111	750	432	0	0373	0055	0312	48
117.00	AWIND	AGS.....	ETA.....			ATA.....		ABURN.....		

SEMINOLE		N30333 W084224	116	244	514	P04	0252	0030	0110	
SZW	37	27091 P077	122	755	437	0	0121	0125	0422	53
117.50	AWIND	AGS.....	ETA.....			ATA.....		ABURN.....		

BGN DESCENT			118	244		P05	0017	0002	0007	
BOD	37	27064 P059	121	755		0	0104		0429	54
	AWIND	AGS.....	ETA.....			ATA.....		ABURN.....		

GAINESVILLE		N29414 W082163	118			P08	0104	0021	0040	
GNV		24050 P026	127			0	0798	0148	0469	54
	AWIND	AGS.....	ETA.....			ATA.....		ABURN.....		

RWT 045613 PLD 008900 D002235 GND23/04 Q00 254 SKD1835/2058										
MTOW 045499										
PLAN ARR FUEL 004270 0222										

ENRT	BRN	ARPT FUEL	TIME	DIST						
		GNV 004279	0148	0798						

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RSV          01430  0045
ALTN          NONE  00000  0000  0000
HOLD          00712  0025
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--- T/O FUEL      006421      MIN T/O  006421
TAXI   DFW        00414  0023
TOTAL                006835
RLS FUEL DFW      006835
FERRY            002128  0112
RMKS/

ACFT RESTR -NONE
MEL ITEMS
0577CDLTAIL CO    STATIC DISCHARGERS.....23C01
0467.M.C 1        OH BINS/CABIN AND GALLEY CLOSET METH 1.25 25
                   EXPIRES 23DEC19
0906...MAIN DO    CARPET/FLOOR COVERING.....25 20B
PDL ITEMS -NONE
SEL ITEMS -NONE
DISP AE76 SIGNED BY [REDACTED]
CAPT [REDACTED]      RESTRD NO          MOT          LMT
F/O [REDACTED]      CAT2 YES          2129Z        2146Z
                   CAT3 NO          2129Z        2146Z

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FAR117 MAX TAXI 191 MIN. UP TO 05 MIN EARLY DPTR OK IAW FM PT1
 AUZD CAPT SIGNATURE..... 16DEC19/161720

BY SIGNING OFF THIS FLIGHT PLAN YOU ARE ACKNOWLEDGING
 ** FIT FOR DUTY BASED ON FAR 117.5 REQUIREMENTS.
 ** FOR YOUR AWARENESS, THE *MOT* TIME DISPLAYED INCLUDES PILOT AUTHORIZED FDP
 EXTENSION. THE *LMT* TIME INCLUDES THE MAXIMUM FDP EXTENSION POSSIBLE BASED
 UPON PLAN DEPARTURE TIME, FOR UNFORSEEN OPERATIONAL CIRCUMSTANCES.
 IF APPROACHING ACTUAL DUTY LIMITATION, CAPTAIN MUST CONTACT DISPATCH TO
 COORDINATE FDP EXTENSION.

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//////// APPENDED MESSAGES //////////
*** FORECAST USED FOR PLANNING ***
** TERMINAL FORECAST **
DFW TAF AMD KDFW 161509Z 1615/1718 33014KT P6SM OVC009
    TEMPO 1615/1616 4SM -DZ BR BKN006
    FM161700 33017KT P6SM OVC013
    FM161800 33015G25KT P6SM BKN022
    FM162100 33018G28KT P6SM BKN035
    FM170100 34016KT P6SM SCT250
GNV TAF AMD KGNV 161641Z 1617/1712 16006KT P6SM BKN035
    FM170500 16003KT 5SM BR BKN008

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      ^^ SIGMEIS ^^
WS 161134
CANCEL SIGMEI PAPA 3.

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ENRT WX FL 310      FL 330      FL 350      FL 370

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      I TD WIND WCP I TD WIND WCP I TD WIND WCP I TD WIND WCP
FOR 0P05/23098P080 0P04/23111P094 0P04/24119P104 0P03/24122P111
ELD 0P03/22099P077 0P03/23109P091 0P03/23118P103 0P02/24121P109
MEI 0P06/25085P069 0P05/25093P078 0P05/26100P086 0P02/26105P091
SZW 0P08/27064P059 0P07/27067P062 0P06/28070P066 0P05/27067P061

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/// SPECIAL INFO MESSAGES ///

SPC MSG NBR 8867
 SUBJECT- CERTIFICATE OF INSURANCE

REFERENCE- THE CERTIFICATE OF INSURANCE DOMESTIC AND MEXICO IS ACCEPTABLE IN THE ELECTRONIC FORMAT. IF THE PAPER CERTIFICATE OF INSURANCE IN THE AML IS OUT OF DATE, THE AIRCRAFT MAY CONTINUE WITHOUT RESTRICTION USING THE ELECTRONIC DOCUMENT.

THIS DOCUMENT IS LOCATED IN THE REGULATORY DOCUMENTS FOLDER OF MYMOBILE365. FLIGHT MANUAL - PART 1 WILL BE REVISED IN AN UPCOMING REVISION.

CAPT RICK WILSON/ VICE PRESIDENT FLIGHT OPERATIONS

SPC MSG NBR 2960

SUBJECT- DFW DOCKING GUIDANCE SYSTEM REFERENCE-

UNTIL FURTHER NOTICE. THE DOCKING GUIDANCE SYSTEM /DGS/ IS TO BE CONSIDERED INOPERATIVE AT ALL DFW GATES. IN THE EVENT IT APPEARS OPERATIONAL. PLEASE NOTIFY OPS AND WAIT FOR WINGWALKERS AND GUIDEMEN

CAPTAIN LES HOCK-DIRECTOR-FLIGHT OPS TECH

/// END OF SPECIAL INFO MESSAGES ///

/// F-4 PILOT ALERT MESSAGES /// F-4 MSG NBR 1984

SUBJECT- TAKEOFF FLAP SETTING

REFERENCE- IT IS EXTREMELY IMPORTANT THAT THE FLAP SETTING ON THE TPS MATCHES THE FLAP SELECTION YOU USE FOR TAKEOFF. IF THE FLAPS ARE NOT SET TO THE PLANNED POSITION FOR TAKEOFF YOU LOSE THE GUARANTEE OF ADEQUATE STOPPING DISTANCE FOR AN ABORTED TAKEOFF AT V1 AND REQUIRED OBSTACLE CLEARANCE SHOULD AN ENGINE FAIL AT V1.

CAPT. GRAHAM G. KYLE III/DIRECTOR FLIGHT OPS - TECH

/// END OF F-4 MESSAGES ///

END

FIL3960/16DEC/1235 DFW/APAX<

FIL 3960/16DEC DFW APAX 16/1821Z

DEP/ARV	**DEPARTURE**	** ARRIVAL **	CREW SOURCE
STA STA	ACT TIME	SKED ACT TIME	SKED PSG CNX A/C COCKPIT F/A
DFW GNV	PLN 1235 1235	PLN 1550 1558	36 0 805 3833 *
GNV DFW	SKD 1626 1626	SKD 1814 1814	0 0 805 3960MQ *
FIL 3826/16DEC			
DFW AEX	SKD 2050 2050	SKD 2204 2204	0 0 805 3311 *

END OF DISPLAY

SLWB3960/16/1235 DFW<

WXM-FLT ENY3960/16 DFW GNV RTE 11 ALT N/R TOA 161821

SKD 1835/2050Z

MAP FEATURES NONE

DFW

161753Z 32020KT 10SM OVC010 04/01 A3003 RMK A02 PK WND
30026/1655 SLP168 T00440006 10056 20033 50009

GNV

161753Z 17006KT 10SM SCT035 25/17 A3016 RMK A02 SLP211
T02500167 10256 20083 58025

TRMNL SIGMEC NONE ISSUED

CAT SIGMEC NONE ISSUED

TSTM SIGMEC

SIGMEC CNVC 04119B

VALID 16DEC19/1752Z - 16DEC19/2000Z SCUS SEUS

CVRG BKN INTST UNKN

ALT FL330 - FL400

AREA 55ENE LIT - 75NNE LFK - 80N LCH - 50SSW MEM - 55ENE LIT -

MVT STNR

OUTLK NC IN INTENSITY
DISC BKN LINE OF THUNDERSTORMS DEVELOPING ALONG COLD FRONT OV
ER NRN LA. THIS UDPATES SIGMET 04119.
WSI/K.P.

VASH SIGMECC NONE ISSUED

ICING SIGMEC NONE ISSUED

TRMNL SIGMEC NONE ISSUED

DFW TAF KDFW 161730Z 1618/1724 31018KT P6SM BKN012 OVC025

FM162000 33016G26KT P6SM SCT016 BKN028

FM162300 33014KT P6SM FEW025 KN035

TEMPO 1702/1706 BKN025

FM171000 34011KT P6SM FEW025 SCT250

FM171500 35018KT P6SM SCT250

GNV TAF KGNV 161736Z 1618/1718 18012KT P6SM SCT035 SCT250

FM162200 16005KT P6SM SCT025 SCT250

FM170500 18004KT P6SM SCT005 BKN015

FM170800 20005KT 2SM BR BKN005

FM171500 22011KT P6SM SCT008 BKN015

NOTAMS

DFW

NO/

- KDFW/DFW - DALLAS/FORT WORTH INTL
-----/

----- AIRPORT -----

-AP RWY STATUS LGT SYSTEM U/S

15DEC19/0118 18DEC19/2300

KDFW A6467/19

----- RUNWAY -----

-RWY 18R/36L CLSD 1912170500-1912171200

17DEC19/0500 17DEC19/1200

KDFW 12/339

-RWY 18L/36R SAFETY AREA NOT STD W EDGE AT TWY Z

26NOV19/1732 01JAN20/2359

KDFW A5838/19

-RWY 17C/35C LAND AND HOLD SHORT MARKING NOT STD 1911211935-2009302359

21NOV19/1935 30SEP20/2359

KDFW 11/672

-RWY 35L THR MARKINGS NOT STD 1911150750-2002292359

15NOV19/0750 29FEB20/2359

KDFW 11/486

-RWY 17C LAND AND HOLD SHORT OPS LGT U/S

12NOV19/2119 30SEP20/2359 KDFW A5184/19

-RWY 35C THR MARKINGS NOT STD 1911021139-2002292359

02NOV19/1139 29FEB20/2359

KDFW 11/065

----- APPROACH AND LANDING -----

-ILS RWY 17R SA CAT I AND CAT II , AMDT 23C ...

PROCEDURE NA

10OCT19/1155 10OCT21/1155

KDFW A3531/19

-ILS OR LOC RWY 17C, AMDT 11A...

S-LOC 17C VIS CAT C/D RVR 4000.

10OCT19/1144 21MAY20/1144

KDFW A3528/19

-ILS OR LOC RWY 17R, AMDT 23C...

S-LOC 17R CAT C/D VISIBILITY 1 1/4 SM.

SIDESTEP 17C CAT C VISIBILITY 1 1/2 SM, CAT D VISIBILITY 2 SM.

10OCT19/1144 21MAY20/1144

KDFW A3529/19

-ILS RWY 17C CAT II AND III , AMDT 11A ...

CAT III RVR 600 ALL CATS.

10OCT19/1144 21MAY20/1144

KDFW A3527/19

-CONVERGING ILS RWY 13R, AMDT 7A...
ILS OR LOC RWY 13R, AMDT 9B...
ILS OR LOC RWY 35R, AMDT 4B...
ILS RWY 13R SA CAT I AND II ,AMDT 9B...
ILS RWY 35R SA CAT I , AMDT 4B...
ILR RWY 35R CAT II AND III , AMDT 4B...

DME REQUIRED EXC FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS,
UKW VOR U/S. 28SEP19/1725 25MAY20/1725 KDFW A3067/19

-ILS RWY 13R CAT II NA
05AUG19/2011 01FEB20/2359 KDFW A0965/19

----- DEPARTURE PROCEDURES -----

-DALLAS FOUR DEPARTURE...
WYLIE NINE DEPARTURE...
SAWMILL TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM
WITH GPS,SWB VOR/DME OUT OF SERVICE.
09DEC19/2120 09JAN20/2120 KDFW A6197/19

-TEXOMA SEVEN DEPARTURE ...
ARDMORE, BLECO, DECKK, ROLLS, TULSA, WILL ROGERS, ZEMMA TRANSITIONS: DME
REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
UKW VOR OUT OF SERVICE.
05DEC19/2225 05DEC21/2225 KDFW A6041/19

-TEXOMA SEVEN DEPARTURE...
ARDMORE, BLECO, DECKK, ROLLS, TULSA, WILL ROGERS, ZEMMA TRANSITIONS: DME
REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.,
UKW VOR OUT OF SERVICE.
05DEC19/2222 05DEC21/2221 KDFW A6039/19

-COYOTE ONE DEPARTURE...
WORTH THREE DEPARTURE...
LUBBOCK TRANSITION NA EXCEPT FOR ACFT EQUIPPED WITH SUITABLE
RNAV SYSTEM WITH GPS. LBB VORTAC R-085 AND R-102 UNUSABLE.
05DEC19/2205 05DEC21/2205 KDFW A6038/19

-COYOTE ONE DEPARTURE...
WORTH THREE DEPARTURE...
CHILDRESS, GUTHRIE, PANHANDLE, TUCUMCARI TRANSITIONS: DME
REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV
SYSTEM WITH GPS. UKW VOR U/S
05DEC19/2141 05DEC21/2141 KDFW A6036/19

-KINGDOM FIVE DEPARTURE...
WICHITA FALLS TRANSITION: DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH
SUITABLE RNAV SYSTEM WITH GPS,UKW VOR OUT OF SERVICE.
28SEP19/1456 25MAY20/1456 KDFW A3060/19

-DALLAS FOUR DEPARTURE...
WYLIE NINE DEPARTURE...
EL DORADO TRANSITION, MERIDIAN TRANSITION, QUITMAN TRANSITION, SIDON TRANSITION
NOT AUTH EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
LITTLE ROCK TRANSITION, TEXARKANA TRANSITION DME REQUIRED EXCEPT FOR AIRCRAFT
EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, UIM VOR U/S
23AUG19/1635 23AUG21/1635 KDFW A1858/19

-GARLAND SIX DEPARTURE...
HUBBARD NINE DEPARTURE...
QUITMAN TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE
RNAV SYSTEM WITH GPS.
TEXARKANA TRANSITION DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED
WITH SUITABLE RNAV SYSTEM WITH GPS, UIM VOR U/S
23AUG19/1635 23AUG21/1635 KDFW A1857/19

----- TAXIWAY -----

-TWY WM BTN TWY C AND TWY B CLSD
16DEC19/1546 16DEC19/2200 KDFW A6491/19

-TWY B BTN TWY C AND TWY A6 CLSD
16DEC19/1545 16DEC19/2200 KDFW A6490/19

-TWY ER BTN TWY P AND TWY Q CLSD
16DEC19/1335 16DEC19/2359 KDFW A6489/19

-TWY L1 HLDG PSN MARKINGS FOR RWY 17R/35L NOT STD 1912140935-1912202359
14DEC19/0935 20DEC19/2359 KDFW 12/315

-TWY JS BTN TWY K12 AND TWY ES CLSD TO ACFT WINGSPAN MORE THAN 171FT
13DEC19/1429 31DEC19/2359 KDFW A6414/19

-TWY C9 BTN WEST CARGO RAMP AND TWY C WIP OPN EXCAVATION ADJ LGTD
AND BARRICADED
13DEC19/0059 31JAN20/2359 KDFW A6372/19

-TWY A SFC MOV GUIDANCE AND CTL SYSTEM BTN RWY 17C/35C AND TWY P U/S
12DEC19/0312 31MAR20/2359 KDFW A6329/19

-TWY A SFC MOV GUIDANCE AND CTL SYSTEM BTN RWY 17R/35L AND TWY L U/S
12DEC19/0311 31DEC19/2359 KDFW A6328/19

-TWY A IN PAVEMENT RWY GUARD LGT BTN RWY 17R/35L AND TWY L U/S
12DEC19/0257 31DEC19/2359 KDFW A6327/19

-TWY EJ SFC PAINTED HLDG PSN SIGNS BTN RWY 17R/35L AND TWY L WEST SIDE
REMOVED 1912091818-1912162359
09DEC19/1818 16DEC19/2359 KDFW 12/164

-TWY A IN PAVEMENT RWY GUARD LGT BTN RWY 17R/35L AND TWY L U/S 06DEC19/1126
31DEC19/2359 KDFW A6064/19

-TWY A6 LOCATION MARKINGS BTN APCH END RWY 31L AND TWY A NOT STD
1912041624-1912312359
04DEC19/1624 31DEC19/2359 KDFW 12/045

-TWY A CL LGT BTN RWY 17C/35C AND TWY P NOT STD 25NOV19/0902
31DEC19/2359 KDFW A5803/19

-TWY B EDGE LGT BTN RWY 17C/35C AND TWY P U/S
19NOV19/1001 31DEC19/1159 KDFW A5579/19

-TWY A EDGE LGT BTN RWY 17C/35C AND TWY P U/S
19NOV19/0959 31DEC19/1159 KDFW A5578/19

-TWY P EDGE LGT BTN TWY ER AND TWY P2 U/S
19NOV19/0953 31DEC19/1159 KDFW A5576/19

-TWY A EDGE LGT SOUTH SIDE BTN RWY 17R/35L AND TWY L U/S
19NOV19/0827 31DEC19/2359 KDFW A5567/19

-TWY B EDGE LGT NORTH SIDE BTN RWY 17R/35L AND TWY L U/S
19NOV19/0826 31DEC19/2359 KDFW A5568/19

-TWY M BTN TWY EQ AND TWY ES CLSD
04NOV19/1458 30SEP20/2359 KDFW A4747/19

-TWY G BTN TWY G5 AND TWY Z CLSD
04NOV19/1204 29FEB20/1159 KDFW A4742/19

-TWY WL BTN TWY F AND TWY G CLSD
01NOV19/2356 01JAN20/2359 KDFW A4634/19

-TWY A, TWY B BTN RWY 17R/35L AND RWY 17C/35C CLSD
01NOV19/0435 30SEP20/2359 KDFW A4593/19

-TWY EL BTN RWY 17C/35C AND RWY 17R/35L CLSD
01NOV19/0407 30SEP20/2359 KDFW A4588/19

-TWY EM CLSD BTN RWY 17R/35L AND TWY M
01NOV19/0406 30SEP20/2359 KDFW A4590/19

-TWY K8 CLSD BTN RWY 17R/35L AND TWY M
01NOV19/0405 30SEP20/2359 KDFW A4589/19

-TWY M3, M4, M5, M6, M7 CLSD
01NOV19/0404 30SEP20/2359 KDFW A4586/19

-TWY M2 CLSD BTN RWY 17C/35C AND TWY M
01NOV19/0400 31MAR20/2359 KDFW A4587/19

-TWY EK BTN RWY 17C/35C AND RWY 17R/35L CLSD
01NOV19/0400 31MAR20/2359 KDFW A4584/19

-TWY M CLSD BTN TWY EQ AND TWY M1
01NOV19/0355 30SEP20/2359 KDFW A4585/19

-TWY ER CLSD BTN APCH END RWY 35C AND APCH END RWY 35L
01NOV19/0316 31MAR20/2359 KDFW A4582/19

-TWY G BTN TERMINAL D RAMP SPOT 138 AND TERMINAL D RAMP SPOT 145,
TWY WL BTN TWY F AND TWY G CLSD
28OCT19/0300 01JAN20/2359 KDFW A4291/19

----- RAMP -----

-APRON TERMINAL D RAMP SPOT 142, TERMINAL D RAMP SPOT 144 CLSD
28OCT19/0300 01JAN20/2359 KDFW A4292/19

-APRON TERMINAL D RAMP BTN GATE D6 AND GATE D10 CLSD TO ACFT
WINGSPAN MORE THAN 135FT
19SEP19/1815 31DEC19/2359 KDFW A2683/19

----- GENERAL -----

-AIRSPACE SEE FTW 10/027 UAS DLY 0000-2359
1910020000-1912312359
02OCT19/0000 31DEC19/2359 KDFW 10/023

-AIRSPACE SEE FTW 10/026 UAS DLY 0000-2359
1910020000-1912312359
02OCT19/0000 31DEC19/2359 KDFW 10/021

-AIRSPACE SEE FTW 10/024 UAS DLY 0000-2359 1910020000-1912312359
02OCT19/0000 31DEC19/2359 KDFW 10/019

----- OBSTACLE -----

-OBST TOWER LGT ASR 1031470 324855.50N0970721.00W 6.5NM SW
DFW 1049.2FT 494.1FT AGL U/S 1912120140-2001110140
12DEC19/0140 11JAN20/0140 KDFW 12/238

-OBST TOWER LGT ASR 1015399 324842.00N0970030.00W 5.3NM SSE DFW 692.9FT
212.9FT AGL U/S 1912062114-2001312113

06DEC19/2114 31JAN20/2113

KDFW 12/106

GNV NO/

- KGNV/GNV - GAINESVILLE RGNL
-----/

----- NAVIGATION -----

-CTY NAV VORTAC NOT MNT 1912140649-1912172000EST 14DEC19/0649
17DEC19/2000 KGNV 12/132

-TAY NAV VOR OUT OF SERVICE 1904111244-PERM
11APR19/1244 UFN KGNV 04/123

-HLL NAV VOR OUT OF SERVICE 1809181713-PERM
18SEP18/1713 UFN KGNV 09/245

----- COMMUNICATION -----

-COM REMOTE COM OUTLET 122.5 COMMISSIONED 1808291152-PERM
29AUG18/1152 UFN KGNV 08/371

----- OBSTACLE -----

-OBST TOWER LGT ASR 1063678 292931.60N0821730.00W 11.9NM S
GNV 374.0FT 256.9FT AGL U/S 1912140910-1912290500
14DEC19/0910 29DEC19/0500 KGNV 12/136

-OBST TOWER LGT ASR 1030170 294317.90N0822134.60W 4.9NM WNW
GNV 386.2FT 195.2FT AGL U/S 1912131750-2003120500
13DEC19/1750 12MAR20/0500 KGNV 12/126

-OBST TOWER LGT ASR 1217192 293533.50N0821124.20W 7.1NM SE
GNV 518.7FT 404.9FT AGL U/S 1912030836-1912180835
03DEC19/0836 18DEC19/0835 KGNV 12/021

-OBST TOWER LGT ASR 1200586 295629.80N0822350.40W 16.2NM NNW
GNV 824.1FT 709.0FT AGL U/S 1908202028-1912312359
20AUG19/2028 31DEC19/2359 KGNV 08/266

-OBST CRANE ASN UNKNOWN 293826N0822035W 4.6NM SW GNV UNKNOWN 150FT AGL
LGTD AND FLAGGED DLY 1100-1930 1904081100-2001081930
08APR19/1100 08JAN20/1930 KGNV 04/071

ZFW NO/

- KZFW/ZFW - FT WORTH
-----/

----- NAVIGATION -----

-GPS WSMRNM GPS 19-15 INCLUDING WAAS, GBAS,
AND ADS-B MAY NOT BE AVBL WI A 377NM RADIUS CENTERED AT
332549N1062437W TCS070045 FL400-UNL,
344NM RADIUS AT FL250
248NM RADIUS AT 10000FT
260NM RADIUS AT 4000FT AGL,
196NM RADIUS AT 50FT AGL.
SCHEDULE: DAILY 1830-2230
16DEC19/1830 19DEC19/2230 KZFW A0856/19

----- AIRSPACE -----

-V161 MILLSAP MQP VORTAC, TX TO DUFFA INT, TX MEA 6000.

ACT VOR R-288 UNUSABLE BEYOND 40 NM.
14JUN19/1923 14JUN21/1920

KZFW A0421/19

-V102 LUBBOCK LBB VORTAC, TX TO GUTHRIE GTH VORTAC, TX MEA 8500.
16MAY19/1306 16MAY21/1305

KZFW A0333/19

-V102 LUBBOCK LBB VORTAC, TX R-075 TO GUTHRIE GTH VORTAC, TX NA.
LBB VORTAC R-075 UNUSABLE.
14MAY19/1948 14MAY21/1947

KZFW A0329/19

-V278 PLAINVIEW PVW VOR/DME, TX R-093 TO GUTHRIE GTH VORTAC,
TX R-275 MOCA 4900.
11APR19/1429 11APR21/1429

KZFW A0223/19

-V94 CAPTI INT, TX DISREGARD DME INDICATIONS FROM GGG VORTAC.
GGG TACAN UNUSABLE BEYOND 25 NM.
09APR19/1323 09APR21/1320

KZFW A0205/19

-ROUTE ZFW.
V77 FLECH INT, OK TO NEADS INT, OK MOCA 3000. 04MAR19/2004
04MAR21/2004

KZFW A0099/19

-ROUTE ZFW.
V94 GLEN ROSE JEN VORTAC, TX TO CEDAR CREEK CQY VORTAC, TX MOCA 2600.
25FEB19/1930 25FEB21/1930

KZFW A0074/19

-V18 GLEN ROSE JEN VORTAC, TX TO CEDAR CREEK CQY VORTAC, TX MOCA
2600.
25FEB19/1929 05FEB21/1929

KZFW A0073/19

-ROUTE ZFW ZAB.
V530 TEXICO TXO VORTAC, TX TO CHILDRESS CDS VORTAC, TX MOCA 5600.
29JAN19/1839 29JAN21/1839

KZFW A0038/19

-V17 ROLAC INT, TX TO CONRA INT, TX NOT AUTH EXC FOR ACFT EQUIPPED WITH
SUITABLE RNAV SYSTEM WITH GPS. ACT VOR R-181 UNUSABLE BEYOND 40 NM.
26NOV18/1721 26NOV20/1721

KZFW A0439/18

-V14 WINNS INT, TX TO CAPRO INT, NM MRA 9000. LBB VORTAC UNUSABLE BELOW 9000.
15NOV18/2139 15NOV20/2133

KZFW A0425/18

----- GENERAL -----

-AIRSPACE AR113 W ACT FL190-FL230 1912162000-1912170001
16DEC19/2000 17DEC19/0001

KZFW 12/990

-AIRSPACE AR112H E ACT FL240-FL260 1912161801-1912161900
16DEC19/1801 16DEC19/1900

KZFW 12/983

-AIRSPACE AR112L E ACT FL190-FL230 1912161700-1912161830
16DEC19/1700 16DEC19/1830

KZFW 12/968

-PART 1 OF 2 TX..AIRSPACE SAN ANGELO, TX..TEMPORARY FLIGHT RESTRICTIONS.
DECEMBER 15-20, 2019 LOCAL. PURSUANT TO 49 USC 40103 B 3 , THE FEDERAL
AVIATION ADMINISTRATION FAA CLASSIFIES THE AIRSPACE DEFINED IN THIS NOTAM AS
NATIONAL DEFENSE AIRSPACE. ANY PERSON WHO KNOWINGLY OR WILLFULLY VIOLATES THE
RULES CONCERNING OPERATIONS IN THIS AIRSPACE MAY BE SUBJECT TO CERTAIN
CRIMINAL PENALTIES UNDER 49 USC 46307. PILOTS WHO DO NOT ADHERE TO THE
FOLLOWING PROCEDURES MAY BE INTERCEPTED, DETAINED AND INTERVIEWED BY LAW
ENFORCEMENT/SECURITY PERSONNEL. PURSUANT TO TITLE 14 CFR SECTION 99.7,
SPECIAL SECURITY INSTRUCTIONS, ALL AIRCRAFT FLIGHT OPERATIONS ARE PROHIBITED
WITHIN AN AREA DEFINED AS 5NM RADIUS OF 311647N1002234W SJT135007.0 3500FT
MSL-FL180
EFFECTIVE 1912160400 UTC 2200 LOCAL 12/15/19 UNTIL 1912210400 UTC 2200 LOCAL
12/20/19 .

EXCEPT AS SPECIFIED BELOW AND/OR UNLESS AUTHORIZED 1912160400-1912210400
END PART 1 OF 2
FDC 9/5964 ZFW PART 2 OF 2 TX..AIRSPACE SAN ANGELO, TX..TEMPORARY FLIGHT
BY ATC:

1. ALL AIRCRAFT ENTERING OR EXITING THE TFR MUST BE ON A DISCRETE CODE ASSIGNED BY AN AIR TRAFFIC CONTROL ATC FACILITY.
2. AIRCRAFT MUST BE SQUAWKING THE DISCRETE CODE AT ALL TIMES WHILE IN THE TFR.
3. ALL AIRCRAFT ENTERING OR EXITING THE TFR MUST REMAIN IN TWO-WAY RADIO COMMUNICATIONS WITH ATC.
4. FORT WORTH ARTCC, TELEPHONE 817-858-7503, IS THE FAA COORDINATION FACILITY.

1912160400-1912210400

END PART 2 OF 2

16DEC19/0400 21DEC19/0400

KZFW 9/5964

-AIRSPACE UAS WI AN AREA DEFINED AS .5NM EITHER SIDE OF A LINE FM
323200N1034830W 25NM NE CNM TO 323348N1034747W 26NM NE CNM TO 323701N1034726W
29NM NE CNM TO 323827N1034808W 27NM SW E06 TO 324427N1034748W 23NM SW E06 TO
324547N1034621W 22NM SW E06 TO 324842N1034623W 20NM SW E06 SFC-250 FT AGL DLY
1330-0200 1912031330-1912210200 03DEC19/1330 21DEC19/0200 KZFW 12/038

-AIRSPACE UAS WI AN AREA DEFINED AS 8NM RADIUS OF 323358.80N0970729.70W 6.0NM
S GKY SFC-400FT DLY 1830-0300 1909051830-2002050300
05SEP19/1830 05FEB20/0300

KZFW 09/079

-AIRSPACE UAS WI AN AREA DEFINED AS 6NM RADIUS OF 322854.22N0965914.02W 3.6NM
W JWY SFC-400FT AGL 1906101113-1912310500
10JUN19/1113 31DEC19/0500

KZFW 06/282

-AIRSPACE UAS WI AN AREA DEFINED AS 4.5NM RADIUS OF CVE082025 1.5NM SE F46
SFC-400FT AGL 1901141608-2001112359
14JAN19/1608 11JAN20/2359

KZFW 01/294

-TX.. DUE TO THE LACK OF TERRAIN AND OBSTACLE CLEARANCE DATA, ACCURATE
AUTOMATION DATA BASES ARE NOT AVAILABLE FOR PROVIDING MINIMUM SAFE ALTITUDE
WARNING INFORMATION TO AIRCRAFT OVERFLYING MEXICO. AIR TRAFFIC FACILITIES
ALONG THE UNITED STATES/MEXICO BORDER HAVE INHIBITED MINIMUM SAFE ALTITUDE
WARNING COMPUTER PROGRAMS FOR AIRCRAFT OPERATING IN MEXICAN AIRSPACE UNTIL
ACCURATE TERRAIN DATA CAN BE OBTAINED.
31MAY18/0651 UFN KZFW 2/8646

-TX.. FLIGHT RESTRICTION. DALLAS, TEXAS.
PURSUANT TO 49 USC 40103 B , THE FEDERAL AVIATION ADMINISTRATION FAA
CLASSIFIES THE AIRSPACE DEFINED IN THIS NOTAM AS NATIONAL DEFENSE AIRSPACE.
ANY PERSON WHO KNOWINGLY OR WILLFULLY VIOLATES THE RULES CONCERNING
OPERATIONS IN THIS AIRSPACE MAY BE SUBJECT TO CERTAIN CRIMINAL PENALTIES
UNDER 49 USC 46307. PILOTS WHO DO NOT ADHERE TO THE FOLLOWING PROCEDURES MAY
BE INTERCEPTED, DETAINED AND INTERVIEWED BY LAW ENFORCEMENT/SECURITY
PERSONNEL. PURSUANT TO TITLE 14, SECTION 91.141 OF THE CODE OF FEDERAL
REGULATIONS, AIRCRAFT FLIGHT OPERATIONS ARE PROHIBITED WITHIN THE FOLLOWING
AREA S UNLESS OTHERWISE AUTHORIZED BY ATC WITHIN A 1 NMR OF 325321N/0964835W
OR THE CVE085004.8 UP TO AND INCLUDING 1500 FT AGL EFFECTIVE IMMEDIATELY
UNTIL FURTHER NOTICE.

31MAY18/0651 UFN

KZFW 9/2934

----- OBSTACLE -----

-OBST WIND TURBINE FARM WI AN AREA DEFINED AS 3.08NM RADIUS OF
321922N1000007W 11NM SW DYS 2792FT 400FT AGL NOT LGTD 1912161222-
2001162359EST
16DEC19/1222 16JAN20/2359 KZFW 12/297

-OBST WIND TURBINE ASN UNKNOWN 314544N1013540W 25.13NM ESE 7T7 2973FT 263FT
AGL U/S 1912151814-1912302359
15DEC19/1814 30DEC19/2359 KZFW 12/286

-OBST WIND TURBINE FARM WI AN AREA DEFINED AS 17.39NM RADIUS OF
344142N975104W 34.75NM NE LAW 1312FT 452FT AGL NOT LGTD 1912120238-
2001112359EST
12DEC19/0238 11JAN20/2359 KZFW 12/243

-OBST WIND TURBINE FARM WI AN AREA DEFINED AS 6.4NM RADIUS OF 321237N1014908W
1.9NM N 63F 3222FT 389FT AGL NOT LGTD 1912112039-1912172359
11DEC19/2039 17DEC19/2359 KZFW 12/236

-OBST WIND TURBINE FARM WI AN AREA DEFINED AS 3.7NM RADIUS OF 321629N1001630W
17.1NM SE SWW 2829FT 400FT AGL NOT LGTD 1912111456-2001132359EST
11DEC19/1456 13JAN20/2359 KZFW 12/232

-OBST WIND TURBINE FARM WI AN AREA DEFINED AS 6NM RADIUS OF 314248N1012646W
38.1NM ESE 7T7 3165FT 432FT AGL NOT LGTD 1912102255-1912242359
10DEC19/2255 24DEC19/2359 KZFW 12/216

-OBST WIND TURBINE ASN UNKNOWN 314544N1013540W 25.13NM ESE 7T7 2973FT 263FT
AGL NOT LGTD 1912031750-1912170604
03DEC19/1750 17DEC19/0604 KZFW 12/065

-OBST WIND TURBINE FARM WI AN AREA DEFINED AS 5.8NM RADIUS OF 321150N1001435W
17.17NM SSE SWW 2909FT 389FT AGL NOT LGTD 1912031051-2001032359
03DEC19/1051 03JAN20/2359 KZFW 12/053

-OBST WIND TURBINE FARM WI AN AREA DEFINED AS 5.1NM RADIUS OF 334601N1005942W
13.03NM ENE 8F3 3418FT 389FT AGL NOT LGTD 1912020958-2001022359
02DEC19/0958 02JAN20/2359 KZFW 12/022

-OBST WIND TURBINE ASN UNKNOWN 342912N1020419W 13.29NM ESE T55 3999FT 262FT
AGL U/S 1912020651-1912170650 02DEC19/0651 17DEC19/0650 KZFW 12/021

-OBST WIND TURBINE FARM WI AN AREA DEFINED AS 3.27NM RADIUS OF
341457N0992821W 9.2NM W F05 1500FT 498FT AGL NOT LGTD 1911260300-
1912262359EST
26NOV19/0300 26DEC19/2359 KZFW 11/598

-OBST WIND TURBINE FARM WI AN AREA DEFINED AS 5.38NM RADIUS OF
311409N1021104W 6.8NM NE E48 3513FT 400FT AGL NOT LGTD 1911201343-
1912202359EST
20NOV19/1343 20DEC19/2359 KZFW 11/492

-OBST WIND TURBINE FARM WI AN AREA DEFINED AS 10NM RADIUS OF 321601N1002651W
14NM BW SWW UNKNOWN 300FT AGL NOT LGTD 1903271912-2003272359
27MAR19/1912 27MAR20/2359 KZFW 03/656

-OBST WIND TURBINE FARM WI AN AREA DEFINED AS 4NM RADIUS OF
333455.53N0991159.13W 5NM SE 60F 1444FT 499FT AGL NOT LGTD
1901111833-1912312359
11JAN19/1833 31DEC19/2359 KZFW 01/253

ZHU NO/

- KZHU/ZHU - HOUSTON FIR / UIR
-----/

----- ARRIVAL PROCEDURES -----

-DEL RIO APP OPN
17DEC19/1315 18DEC19/0015

KZHU A2275/19

-DEL RIO APP OPN
16DEC19/1315 17DEC19/0031

KZHU A2276/19

----- NAVIGATION -----

-GPS WSMRNM GPS 19-15 INCLUDING WAAS, GBAS, AND ADS-B MAY NOT BE AVBL WI
A 377NM RADIUS CENTERED AT 332549N1062437W TCS070045 FL400-UNL,

344NM RADIUS AT FL250
248NM RADIUS AT 10000FT
260NM RADIUS AT 4000FT AGL,
196NM RADIUS AT 50FT AGL.
SCHEDULE: DAILY 1830-2230
16DEC19/1830 19DEC19/2230

KZHU A2264/19

-ADS-B, AUTO DEPENDENT SURVEILLANCE REBROADCAST ADS-R , TFC INFO SERVICE BCST
TIS-B, FLT INFO SERVICE BCST FIS-B SERVICES MAY NOT BE AVBL WI AN AREA DEFINED
AS 139NM RADIUS OF 261010N0892142W. AIRSPACE AFFECTED MAY INCLUDE GULF OF MEXICO
AREAS OF MISSISSIPPI CANYON, EWING BANK, ATWATER VALLEY, WALKER RIDGE, LLOYD RIDGE,
GREEN CANYON, GRAND ISLE AREA, SOUTH TIMBALIER AREA, LUND, LUND SOUTH, HENDERSON,
FLORIDA PLAIN, AMERY TERRACE.
25NOV19/1550 30DEC19/2200

KZHU A2198/19

-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, PERATORS 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. DDITIONALLY, 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 HICH 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, [REDACTED]
09NOV18/1500 UFN

KZHU A1753/18

-QANXX FLIGHT OPERATIONS IN THE GULF OF MEXICO FLIGHT INFORMATION REGION FIR
, INCLUDING ZHU, ZMA, MID AND MTY, OPERATORS ARE EXPECTED TO OBTAIN RNP 10 OR
RNP 4 AUTHORIZATION. NON-RNOP 10 AIRCRAFT WILL BE ACCOMMODATED UNDER THE
FOLLOWING CONDITIONS: 1 RMK/NONRNP10 SHALL BE INSERTED FIRST IN THE REMARKS
RMK SECTION UNDER ITEM 18 OF YOUR ICAO FLIGHT PLAN, 2 THE PILOT MUST STATE
NEGATIVE RNP TEN DURING INITIAL COMMUNICATION WITH ZHU, ZMA, MID AND MTY AREA
CONTROL CENTERS. FROM 4000FT AMSL UP TO FL450 21JAN16/2045 UFN

KZHU A0096/16

----- AIRSPACE -----

-V13 AUSTS, TX DISREGARD MRA 2300.
24MAY19/2002 24MAY21/2002

KZHU A1117/19

-V407 AUSTS DISREGARD MRA 2300..
24MAY19/2002 24MAY21/2002

KZHU A1116/19

-V198 HUB VOR/DME TO SBI VOR/DME MEA 3100.

17MAY19/1936 17MAY21/1936

KZHU A1080/19

-V543 RYTHM MCA 4200 NORTHEASTBOUND.
04MAR19/1757 04MAR21/1757

KZHU A0531/19

-ROUTE ZHU.

V20 GULFPORT GPT VORTAC, MS R-061 TO SEMMES SJI VORTAC, AL MEA 5000 EXCEPT FOR
AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
25JAN19/1417 25JAN21/1417

KZHU A0209/19

-SPECIAL NOTICE..AIRCRAFT DESTINED THE HOUSTON
TERMINAL AREA THAT FILE AN RNAV OPTIMIZED PROFILE DESCENT
OPD STAR MUST BE ABLE TO MEET THE VERTICAL PROFILE AND SPEED RESTRICTIONS
PUBLISHED ON THE PROCEDURE. IF UNABLE, FILE THE APPROPRIATE CONVENTIONAL
NAVIGATION STAR.

27AUG14/1400 UFN

KZHU A1234/14

----- GENERAL -----

-AIRSPACE AR113 W ACT FL190-FL230 912162000-1912170001
16DEC19/2000 17DEC19/0001

KZHU 12/989

-AIRSPACE CRYSTAL NORTH MOA ACT 7000FT UP TO BUT NOT INCLUDING FL180
1912161900-1912162100
16DEC19/1900 16DEC19/2100

KZHU 12/985

-TX..AIRSPACE PORT NECHES, TX..TEMPORARY FLIGHT RESTRICTIONS WI AN AREA
DEFINED AS 1 NM RADIUS OF 295839N/0935658W BEAUMONT VOR/DME BPT055004.0 SFC-
2000FT AGL CHEMICAL FIRE. PURSUANT TO 14 CFR SECTION 91.137 A 1 TEMPORARY
FLIGHT RESTRICTIONS ARE IN EFFECT. ONLY ELIEF AIRCRAFT OPERATIONS UNDER
DIRECTION OF JEFFERSON COUNTY EMERGENCY MANAGEMENT ARE AUTHORIZED IN THE
AIRSPACE. JEFFERSON COUNTY EMERGENCY MANAGEMENT [REDACTED] IS IN
CHARGE OF ON SCENE EMERGENCY RESPONSE ACTIVITY. HOUSTON/ZHU/ ARTCC [REDACTED]
[REDACTED] IS THE FAA COORDINATION FACILITY. 1912131800-1912172359
13DEC19/1800 17DEC19/2359

KZHU 9/6773

-TX..ROUTE ZHU.

V548 COUTH, TX TO SEALY, TX NA. 1812302052-2012302052EST
30DEC18/2052 30DEC20/2052

KZHU 8/5792

-TX..ROUTE ZHU.

V194 COUTH, TX O SEALY, TX NA.
1812302050-012302050EST
30DEC18/2050 30DEC20/2050

KZHU 8/5790

-OBST MOORED BALLOON WI AN AREA DEFINED AS 1NM RADIUS OF 262045N0984544W
30NM WNW MFE 3000FT 2841FT AGL FLAGGED AND LGTD 1809251854-2007312359
25SEP18/1854 31JUL20/2359

KZHU 09/398

-OBST MOORED BALLOON WI AN AREA DEFINED AS 1NM RADIUS OF 262810N0990257W 47NM
W MFE 5000FT 4547FT AGL FLAGGED AND LGTD 1809251852-2007312359
25SEP18/1852 31JUL20/2359

KZHU 09/397

-TX.. DUE TO THE LACK OF TERRAIN AND OBSTACLE CLEARANCE DATA, ACCURATE
AUTOMATION DATA BASES ARE NOT AVAILABLE FOR PROVIDING MINIMUM SAFE ALTITUDE
WARNING INFORMATION TO AIRCRAFT OVERFLYING MEXICO. AIR TRAFFIC FACILITIES
ALONG THE UNITED STATES/MEXICO BORDER HAVE INHIBITED MINIMUM SAFE ALTITUDE
WARNING COMPUTER PROGRAMS FOR AIRCRAFT OPERATING IN MEXICAN AIRSPACE UNTIL
ACCURATE TERRAIN DATA CAN BE OBTAINED.
31MAY18/0651 UFN KZHU 2/8645

----- WARNING -----

-W59C ACT FL280 / FL500
17DEC19/1445 17DEC19/1630

KZHU A2282/19

-W59B ACT
UP TO BUT NOT INCLUDING FL280 5000FT AMSL / FL280
17DEC19/1445 17DEC19/1459

KZHU A2284/19

-W59A ACT
5000FT AMSL / FL500
17DEC19/1445 17DEC19/1459

KZHU A2283/19

ZME NO/

KZME/ZME

MEMPHIS
-----/

----- AIRSPACE -----

-V532 BLURB MCA 5500 EASTBOUND.
04MAR19/1754 04MAR21/1754 KZME A0032/19

-ROUTE ZME ZID.

J6 SOPIE, TN TO BOWLING GREEN BWG VORTAC, KY NA EXCEPT FOR AIRCRAFT EQUIPPED
WITH SUITABLE RNAV SYSTEM WITH GPS. J6 BOWLING GREEN BWG VORTAC, KY TO
CHARLESTON HVQ VOR/DME, WV NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV
SYSTEM WITH GPS. BWG VOR UNUSABLE BEYOND 10 NM ALL ALTITUDES.
26NOV18/1848 26NOV20/1848

KZME A0209/18

----- GENERAL -----

-AIRSPACE COLUMBUS 3 MOA ACT 8000FT UP TO BUT NOT INCLUDING FL180
1912162254-1912162305
16DEC19/2254 16DEC19/2305

KZME 12/607

-AIRSPACE COLUMBUS 1 MOA ACT 8000FT UP TO BUT NOT INCLUDING FL180
1912162250-1912162305
16DEC19/2250 16DEC19/2305

KZME 12/605

-AIRSPACE MERIDIAN 1 EAST MOA ACT 8000FT UP TO BUT NOT INCLUDING FL180
1912162249-1912162305
16DEC19/2249 16DEC19/2305

KZME 12/606

-AIRSPACE COLUMBUS 4 MOA ACT 10000FT UP TO BUT NOT INCLUDING FL180
1912162246-1912162305
16DEC19/2246 16DEC19/2305

KZME 12/604

-AIRSPACE COLUMBUS 2 MOA ACT 8000FT UP TO BUT NOT INCLUDING FL180
1912162245-1912162305
16DEC19/2245 16DEC19/2305

KZME 12/603

-AIRSPACE AR112H E ACT FL240-FL260
1912161801-1912161900
16DEC19/1801 16DEC19/1900

KZME 12/588

-AIRSPACE AR112L E ACT FL190-FL230
1912161700-1912161830 16DEC19/1700 16DEC19/1830

KZME 12/583

-AIRSPACE AIRDROP WI AN AREA DEFINED AS 3NM EITHER SIDE OF A LINE FM
LIT338033 TO LIT017035 SFC-2500FT DLY 1500-0700
1912161500-1912210700

16DEC19/1500 21DEC19/0700

KZME 12/105

-OBST TOWER ASN 2018-ASW-18198-OE 352258N921350W 13.1NM SW HBZ 1050FT
360FT AGL NOT LGTD 1912102052-2001082359
10DEC19/2052 08JAN20/2359

KZME 12/078

-AIRSPACE UAS WI AN AREA DEFINED AS .6NM RADIUS OF 321816N0905135W 5.2NM NE
VKS SFC-400FT AGL 1701271626-PERM
27JAN17/1626 UFN

KZME 01/234

----- WARNING -----

-AIRSPACE R3702B ACT 10000FT-FL220 1901010000-1912312359 01JAN19/0000
31DEC19/2359 KZME 12/038

ZTL NO/

KZTL/ZTL

ATLANTA

----- ARRIVAL PROCEDURES -----

-STANLY APP 119.55/306.9 U/S
22MAY19/1548 31DEC19/0200

KZTL A0182/19

-SVC STANLY APP CLSD 1905211250-1912310200
21MAY19/1250 31DEC19/0200

KZTL 05/489

----- NAVIGATION -----

-Q52 CHOPZ, GA TO COLZI, NC NOT AUTH.
26NOV18/1657 26NOV20/1657

KZTL A0322/18

----- AIRSPACE -----

-V5 CORCE, GA TO AWSON, GA MEA 5400. MOCA 4600. DISREGARD AWSON, GA MRA 5000.
11DEC19/1833 11DEC21/1832

KZTL A0407/19

-V311, V417 AWSON, GA TO CORCE, GA MEA 5400. MOCA 4600. DISREGARD AWSON,
GA MRA 5000.
11DEC19/1831 11DEC21/1827

KZTL A0405/19

-J46 VOLUNTEER VXV VORTAC, TN TO ALMA AMG VORTAC, GA NA.
05DEC19/0901 30JAN20/0900

KZTL A0384/19

-J47 CHARLESTON CHS VORTAC, SC TO SPARTANBURG SPA VORTAC, SC NA.
05DEC19/0901 30JAN20/0900

KZTL A0385/19

-J75 DOLPHIN DHP VORTAC, FL TO GREENSBORO GSO VORTAC, NC NA.
05DEC19/0901 30JAN20/0900

KZTL A0386/19

-J209 GREENWOOD GRD VORTAC, SC TO RALEIGH/DURHAM RDU VORTAC, NC NA.
05DEC19/0901 30JAN20/0900

KZTL A0389/19

-J151 CROSS CITY CTY VORTAC, FL TO VULCAN VUZ VORTAC, AL NA.
05DEC19/0901 30JAN20/0900

KZTL A0387/19

-J208 ATHENS AHN VOR/DME, GA TO HOPEWELL HPW VORTAC, VA NA.
05DEC19/0901 30JAN20/0900

KZTL A0388/19

-J37 MONTGOMERY MGM VORTAC, AL TO LYNCHBURG LYH VOR/DME, VA NA.
05DEC19/0901 30JAN20/0900

KZTL A0383/19

-J4 COLLIERS IRQ VORTAC, SC TO WILMINGTON ILM VORTAC, NC NA.
05DEC19/0901 30JAN20/0900

KZTL A0382/19

-ROUTE ZTL.
V70 EUFAULA EUF VORTAC, AL TO VIENNA VNA VORTAC, GA MEA 3000.
26NOV19/1423 26NOV21/1423 KZTL A0378/19

-ROUTE
V70 ALLENDALE ALD VOR, R-248 TO COP NA EXCEPT FOR ACFT EQUIPPED WITH
SUITABLE RNAV SYSTEM WITH GPS. ALD VOR UNUSABLE ALL ALTITUDES.
30AUG19/1509 30AUG21/1502 KZTL A0288/19

-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.
08APR19/1759 08APR21/1751 KZTL A0120/19

-V311 MADOL TO NELLO MEA 7500 SB. HCH VOR/DME RESTRICTED BEYOND 55NM.
14MAR19/2010 14MAR21/1953 KZTL A0084/19

-V53 WIDER INT, SC TO WILLS INT, SC NOT AUTH EXCEPT FOR AIRCRAFT
EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
29JAN19/1949 29JAN21/1949 KZTL A0031/19

-V37 GREAT INT, SC TO RICHE INT, SC MEA 6000.
29JAN19/1919 29JAN21/1919 KZTL A0029/19

-V311 GRD VORTAC TO CAE VORTAC MEA 2400
29JAN19/1911 29JAN21/1911 KZTL A0028/19

-V311 AWSON, GA MRA 6000.
27DEC18/1908 27DEC20/1908 KZTL A0363/18

-V417 AWSON, GA MRA 6000.
27DEC18/1905 27DEC20/1905 KZTL A0362/18

-V5 AWSON, GA MRA 6000.
27DEC18/1904 27DEC20/1903 KZTL A0361/18

-ROUTE ZTL.
V97 NELLO, GA MCA 10000 NORTHBOUND.
27DEC18/1715 27DEC20/1715 KZTL A0357/18

-V5 NELLO MCA 7000 EB.
27DEC18/1714 27DEC20/1714 KZTL A0355/18

-ROUTE ZTL.
V417 NELLO, GA MCA 7000 EASTBOUND.
27DEC18/1711 27DEC20/1711 KZTL A0353/18

-V133 STOVE, VA MCA 12100 NB.
16NOV18/1604 16NOV20/1604 KZTL A0316/18

-V133 MULBE, NC MCA 5900 NORTHBOUND.
16NOV18/1602 16NOV20/1601 KZTL A0314/18

----- GENERAL -----

-AIRSPACE AIRDROP WI AN AREA DEFINED AS 3NM EITHER SIDE OF A LINE FM
RMG358027 TO RMG346009 SFC-1800FT MON TUE THU 2200-0330 1902182200-2001010330
18FEB19/2200 01JAN20/0330 KZTL 02/365

-AIRSPACE AIRDROP WI AN AREA DEFINED AS 3NM EITHER SIDE OF A LINE FM
RMG358027 TO RMG346009 SFC-1800FT MON TUE THU 1430-2000 1902181430-1912312000
18FEB19/1430 31DEC19/2000 KZTL 02/364

----- OBSTACLE -----

-OBST TOWER LGT ASR UNKNOWN 313437.52N081203073.86W 39NM N SAV 1235FT 1200FT
AGL U/S 1912031748-2006032359
03DEC19/1748 03JUN20/2359 KZTL 12/067

-OBST TOWER LGT ASR UNKNOWN 332952.21N0831603.02W 19.6NM N MLJ 1045FT 491FT
AGL U/S 1911181157-1912212359 18NOV19/1157 21DEC19/2359 KZTL 11/350

ZJX NO/

- KZJX/ZJX - JACKSONVILLE
-----/
----- APPROACH AND LANDING -----

-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.
29OCT14/1753 UFN KZJX A2790/14

----- NAVIGATION -----

-Q87 JROSS, SC TO LCAPE, SC. ATC ASSIGNED ONLY.
12DEC19/1806 05NOV20/0900 KZJX A1990/19

-Q113 RAYVO, SC TO SARKY, SC. ATC ASSIGNED ONLY.
12DEC19/1754 05NOV20/0900 KZJX A1987/19

-Q85 IGARY, SC TO SMPRR, NC. ATC ASSIGNED ONLY.
12DEC19/1715 05NOV20/0900 KZJX A1985/19

-Q97 CAKET, SC TO ELLDE, NC. ATC ASSIGNED ONLY.
12DEC19/1558 05NOV20/0900 KZJX A1983/19

-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, [REDACTED]
09NOV18/1500 UFN KZJX A1862/18

----- AIRSPACE -----

-Q109 PANDY, SC TO LAANA, NC. ATC ASSIGNED ONLY.
12DEC19/1551 05NOV20/0900 KZJX A1981/19

-Q135 JROSS, SC TO RAPZZ, NC. ATC ASSIGNED ONLY.
12DEC19/1518 05NOV20/0900 KZJX A1979/19

-Q409 JROSS, SC TO MRPIT, NC. ATC ASSIGNED ONLY.
11DEC19/2015 05NOV20/0900 KZJX A1971/19

-Y307 CARPX, OA TO GARIC, OA. ATC ASSIGNED ONLY.
11DEC19/1922 05NOV20/0900 KZJX A1968/19

-Y323 CARPX, OA TO IDOLS, OA. ATC ASSIGNED ONLY. 11DEC19/1902 05NOV20/0900	KZJX A1966/19
-Y319 OHLAA, OA TO IDOLS, OA. ATC ASSIGNED ONLY. 11DEC19/1548 05NOV20/0900	KZJX A1964/19
-Y309 PELCN, OA TO IDOLS, OA. ATC ASSIGNED ONLY. 11DEC19/1537 05NOV20/0900	KZJX A1962/19
-Y299 GRUBR, OA TO JRDAN, OA. ATC ASSIGNED ONLY. 11DEC19/1500 05NOV20/0900	KZJX A1960/19
-Y291 HOAGG, OA TO SAGGY, OA. ATC ASSIGNED ONLY. 11DEC19/1450 05NOV20/0900	KZJX A1958/19
-Y289 DULEE, OA TO ZILLS, OA. ATC ASSIGNED ONLY. 11DEC19/1414 05NOV20/0900	KZJX A1956/19
-J207 SAVANNAH SAV VORTAC, GA TO FLORENCE FLO VORTAC, SC NA. 05DEC19/0901 30JAN20/0900	KZJX A1878/19
-Q112 INPIN, FL TO DEFUN, FL NA. 05DEC19/0901 30JAN20/0900	KZJX A1880/19
-J210 DUNKN, GA TO VANCE VAN VORTAC, SC NA. 05DEC19/0901 30JAN20/0900	KZJX A1879/19
-J103 ORMOND BEACH OMN VORTAC, FL TO SAVANNAH SAV VORTAC, GA NA. 05DEC19/0901 30JAN20/0900	KZJX A1871/19
-J113 VIRGINIA KEY VKZ VOR/DME, FL TO CRAIG CRG VORTAC, FL NA. 05DEC19/0901 30JAN20/0900	KZJX A1872/19
-J119 ST PETERSBURG PIE VORTAC, FL TO TAYLOR TAY VORTAC, FL NA. 05DEC19/0901 30JAN20/0900	KZJX A1873/19
-J121 CRAIG CRG VORTAC, FL TO CHARLESTON CHS VORTAC, SC NA. 05DEC19/0901 30JAN20/0900	KZJX A1874/19
-J151 CROSS CITY CTY VORTAC, FL TO VULCAN VUZ VORTAC, AL NA. 05DEC19/0901 30JAN20/0900	KZJX A1875/19
-J165 CHARLESTON CHS VORTAC, SC TO DWYTE, SC NA. 05DEC19/0901 30JAN20/0900	KZJX A1876/19
-J174 CRAIG CRG VORTAC, FL TO CHARLESTON CHS VORTAC, SC NA. 05DEC19/0901 30JAN20/0900	KZJX A1877/19
-J81 DOLPHIN DHP VORTAC, FL TO DUNKN, GA NA. 05DEC19/0901 30JAN20/0900	KZJX A1867/19
-J85 DOLPHIN DHP VORTAC, FL TO ALMA AMG VORTAC, GA NA. 05DEC19/0901 30JAN20/0900	KZJX A1868/19
-J89 HITTR, FL TO ICBOD, GA NA. 05DEC19/0901 30JAN20/0900	KZJX A1869/19
-J91 INPIN, FL TO JOHNN, GA NA. 05DEC19/0901 30JAN20/0900	KZJX A1870/19
-J55 DOLPHIN DHP VORTAC, FL TO CHARLESTON CHS VORTAC, SC NA. 05DEC19/0901 30JAN20/0900	KZJX A1863/19
-J53 DOLPHIN DHP VORTAC, FL TO DUNKN, GA NA. 05DEC19/0901 30JAN20/0900	KZJX A1862/19

-J73 DOLPHIN DHP VORTAC, FL TO WYATT, GA NA.
05DEC19/0901 30JAN20/0900 KZJX A1864/19

-J75 DOLPHIN DHP VORTAC, FL TO GREENSBORO GSO VORTAC, NC NA.
05DEC19/0901 30JAN20/0900 KZJX A1865/19

-J79 KEY WEST EYW VORTAC, FL TO CHARLESTON CHS VORTAC, SC NA.
05DEC19/0901 30JAN20/0900 KZJX A1866/19

-J45 VIRGINIA KEY VKZ VOR/DME, FL TO ALMA AMG VORTAC, GA NA.
05DEC19/0901 30JAN20/0900 KZJX A1857/19

-J46 VOLUNTEER VXV VORTAC, TN TO ALMA AMG VORTAC, GA NA.
05DEC19/0901 30JAN20/0900 KZJX A1858/19

-J51 CRAIG CRG VORTAC, FL TO TUBAS, NC NA.
05DEC19/0901 30JAN20/0900 KZJX A1860/19

-J47 CHARLESTON CHS VORTAC, SC TO SPARTANBURG SPA VORTAC, SC NA.
05DEC19/0901 30JAN20/0900 KZJX A1859/19

-J52 COLUMBIA CAE VORTAC, SC TO TUBAS, NC NA.
05DEC19/0901 30JAN20/0900 KZJX A1861/19

-J41 KEY WEST EYW VORTAC, FL TO SEMINOLE SZW VORTAC, FL NA.
05DEC19/0901 30JAN20/0900 KZJX A1855/19

-J43 DOLPHIN DHP VORTAC, FL TO NEDDY, GA NA.
05DEC19/0901 30JAN20/0900 KZJX A1856/19

-J4 COLLIERS IRQ VORTAC, SC TO WILMINGTON ILM VORTAC, NC NA.
05DEC19/0901 30JAN20/0900 KZJX A1853/19

-J20 SEMINOLE SZW VORTAC, FL TO ORLANDO ORL VORTAC, FL NA.
05DEC19/0901 30JAN20/0900 KZJX A1854/19

-ROUTE
V157 ALLENDALE ALD VOR, R-216 TO LOTTS INT, GA MRA 11000.
ALD VOR UNUSABLE BELOW 11000.
30AUG19/1520 30AUG21/1510 KZJX A1326/19

-ROUTE
V70 ALLENDALE ALD VOR, R-248 TO COP NA EXCEPT FOR ACFT EQUIPPED WITH
SUITABLE RNAV SYSTEM WITH GPS. ALD VOR UNUSABLE ALL ALTITUDES.
30AUG19/1509 30AUG21/1502 KZJX A1325/19

-V198 SZW VORTAC TO GEF VORTAC USE SZW R-088 GEF R-270 NOT AUTH.
17MAY19/1933 17MAY21/1933 KZJX A0834/19

-V35 GEF VORTAC TO SALER NOT AUTH.
17MAY19/1535 17MAY21/1535 KZJX A0829/19

-V159 GREENVILLE GEF VORTAC, FL TO SALER, GA NOT AUTH.
17MAY19/1531 17MAY21/1530 KZJX A0827/19

-ROUTE ZJX. V136 WILDS, NC TO GRAND STRAND CRE VORTAC, SC NA.
03APR19/1432 03APR21/1432 KZJX A0518/19

-V53 CHARLESTON CHS VORTAC, SC TO COLUMBIA CAE VORTAC, SC MEA 2100.
03APR19/1418 03APR21/1417 KZJX A0516/19

-V437 FLORENCE FLO VORTAC, SC R-197 TO FILLI INT, SC MEA 4500.
CRE VOR R-276 UNUSABLE.
26MAR19/1933 26MAR21/1933 KZJX A0458/19

-V157, V3 COP TO PEGIE MEA 13000 EXC FOR ACFT EQUIPPED WITH SUITABLE RNAV
SYSTEM WITH GPS.FLO VORTAC UNUSABLE BEYOND 25NM BLW 13000FT.
08MAR19/1824 08MAR21/1824 KZJX A0364/19

-V53 WIDER TO WILLS NOT AUTH EXC FOR ACFT EQUIPPED WITH SUITABLE RNAV
SYSTEM WITH GPS.
29JAN19/1948 29JAN21/1948 KZJX A0149/19

-V37 GREAT INT, SC TO RICKE INT, SC MEA 6000.
29JAN19/1920 29JAN21/1920 KZJX A0148/19

-V1 INLET, SC TO WALLO, NC NOT AUTH
23NOV18/1430 23NOV20/1429 KZJX A1903/18

----- GENERAL -----

-AIRSPACE LGT OUT/NIGHT VISION GOGGLE TRAINING MOODY 2 SOUTH MOA ACT 100FT-
7999FT 1912171500-1912172030
17DEC19/1500 17DEC19/2030 KZJX 12/530

-AIRSPACE LGT OUT/NIGHT VISION GOGGLE TRAINING MOODY 2 NORTH MOA ACT 500FT-
7999FT 1912171400-1912172130
17DEC19/1400 17DEC19/2130 KZJX 12/527

-AIRSPACE TYNDALL F MOA ACT 300FT-17999FT 1912162245-1912162300
16DEC19/2245 16DEC19/2300 KZJX 12/602

-AIRSPACE TYNDALL G MOA ACT 1000FT-17999FT 1912162243-1912162300
16DEC19/2243 16DEC19/2300 KZJX 12/601

-AIRSPACE EGLIN A EAST MOA ACT 200FT-2200FT 1912162100-1912162200
16DEC19/2100 16DEC19/2200 KZJX 12/600

-AIRSPACE EGLIN A WEST MOA ACT 200FT-2200FT 1912162100-1912162200
16DEC19/2100 16DEC19/2200 KZJX 12/599

-AIRSPACE AR207SW SW ACT FL260-FL280 1912161745-1912161830
16DEC19/1745 16DEC19/1830 KZJX 12/587

-AIRSPACE LGT OUT/NIGHT VISION GOGGLE TRAINING MOODY 2 SOUTH MOA
ACT 100FT-7999FT 1912161400-1912162100
16DEC19/1400 16DEC19/2100 KZJX 12/463

-AIRSPACE LGT OUT/NIGHT VISION GOGGLE TRAINING MOODY 2 NORTH MOA ACT 500FT-
7999FT 1912161400-1912162100
16DEC19/1400 16DEC19/2100 KZJX 12/464

-AIRSPACE FORT STEWART B2 MOA ACT 5000FT-10000FT 1912161200-1912170330
16DEC19/1200 17DEC19/0330 KZJX 12/554

-AIRSPACE FORT STEWART C2 MOA ACT 3000FT-10000FT 1912161200-1912170330
16DEC19/1200 17DEC19/0330 KZJX 12/553

-AIRSPACE AEROBATIC ACFT WI AN AREA DEFINED AS 2NM RADIUS OF
VNA096025.3 7NM SE EZM SFC-4000FT AVOIDANCE ADZ 1901072111-1912311630
07JAN19/2111 31DEC19/1630 KZJX 01/051

-PART 1 OF 2 SPECIAL SECURITY NOTICE. DISNEY WORLD THEME PARK,
ORLANDO FL. THIS NOTAM REPLACES NOTAM 9/4985 TO REFLECT A TRANSPORTATION
SECURITY ADMINISTRATION TSA WEBSITE UPDATE AND ADDITIONAL INFORMATION
CONCERNING AIRSPACE WAIVERS. FLIGHT RESTRICTIONS IN THIS NOTAM COMPLY WITH

STATUTORY MANDATES DETAILED IN SECTION 352 OF PUBLIC LAW 108-7 AS AMENDED BY SECTION 521 OF PUBLIC LAW 108-199. PURSUANT TO 49 USC 40103 B , THE FEDERAL AVIATION ADMINISTRATION FAA CLASSIFIES THE AIRSPACE DEFINED IN THIS NOTAM AS NATIONAL DEFENSE AIRSPACE. ANY PERSON WHO KNOWINGLY OR WILLFULLY VIOLATES THE RULES PERTAINING TO OPERATIONS IN THIS AIRSPACE MAY BE SUBJECT TO CERTAIN CRIMINAL PENALTIES UNDER 49 USC 46307. PILOTS WHO DO NOT ADHERE TO THE FOLLOWING PROCEDURES MAY BE INTERCEPTED, DETAINED AND INTERVIEWED BY LAW ENFORCEMENT/SECURITY PERSONNEL. PURSUANT TO 14 CFR SECTION 99.7, SPECIAL SECURITY INSTRUCTIONS; ALL AIRCRAFT FLIGHT OPERATIONS, INCLUDING UNMANNED AND

REMOTE CONTROLLED AIRCRAFT, ARE PROHIBITED WITHIN A 3 NMR OF 282445N/0813420W OR THE ORL238014.8 UP TO AND INCLUDING 3000FT AGL.
1410271500-PERM
END PART 1 OF 2

FDC 4/3634 ZJX
PART 2 OF 2
SPECIAL

THE RESTRICTIONS DO NOT APPLY TO THOSE AIRCRAFT AUTHORIZED BY AND IN CONTACT WITH ATC FOR OPERATIONAL OR SAFETY OF FLIGHT PURPOSES, DEPARTMENT OF DEFENSE, LAW ENFORCEMENT, AND AIR AMBULANCE FLIGHT OPERATIONS. FLIGHTS CONDUCTED FOR OPERATIONAL PURPOSES OF ANY DISNEY WORLD EVENT AND VENUE ARE AUTHORIZED WITH AN APPROVED WAIVER. AN FAA AIRSPACE WAIVER DOES NOT RELIEVE OPERATORS FROM OBTAINING ALL OTHER NECESSARY AUTHORIZATIONS AND COMPLYING WITH ALL APPLICABLE FEDERAL AVIATION REGULATIONS. ALL PREVIOUSLY ISSUED WAIVERS TO FDC NOTAM 4/4985 REMAIN VALID UNTIL THE SPECIFIED END DATE BUT NOT TO EXCEED 90 DAYS FOLLOWING THE EFFECTIVE DATE OF THIS NOTAM. INFORMATION ABOUT AIRSPACE WAIVER APPLICATIONS AND TSA SECURITY AUTHORIZATIONS CAN BE FOUND AT [HTTP://WWW.TSA.GOV/STAKEHOLDERS/AIRSPACE-WAIVERS-0](http://www.tsa.gov/stakeholders/airspace-waivers-0) OR BY CALLING TSA AT [REDACTED]. SUBMIT REQUESTS FOR FAA AIRSPACE WAIVERS AT [HTTPS://WAIVERS.FAA.GOV](https://waivers.faa.gov).
1410271500-PERM END PART 2 OF 2
27OCT14/1500 UFN

KZJX 4/3634

----- WARNING -----

-W470F ACT SFC / FL600
16DEC19/1930
16DEC19/2230
KZJX A2001/19

-W151F ACT SFC /
FL500
16DEC19/1800 16DEC19/2230 KZJX A2000/19

-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. AR3, AR4, AR15, AR16, AR17, AR18, AR19, AR21, AR22, AR23 AND AR24 ARE AFFECTED BY THE ALT RESERVATION.
SFC / FL240
16DEC19/1615 20DEC19/1845

KZJX A1910/19

-W151E ACT SFC /
FL600
16DEC19/1500 17DEC19/0100 KZJX
A1999/19 NO/A

- MARSDEN SQUARE 1184 -
-----/

----- NAVIGATION -----

-GPS WSMRNM GPS 19-15 INCLUDING WAAS, GBAS, AND ADS-B MAY NOT BE AVBL WI A
377NM RADIUS CENTERED AT 332549N1062437W TCS070045 FL400-UNL,
344NM RADIUS AT FL250,
248NM RADIUS AT 10000FT,
260NM RADIUS AT 4000FT AGL,
196NM RADIUS AT 50FT AGL.
SCHEDULE: DAILY 1830-2230
16DEC19/1830 19DEC19/2230

KZFW A0856/19

-GPS WSMRNM GPS 19-15 INCLUDING WAAS, GBAS, AND ADS-B MAY NOT BE AVBL WI
A 377NM RADIUS CENTERED AT 332549N1062437W TCS070045 FL400-UNL,
344NM RADIUS AT FL250,
248NM RADIUS AT 10000FT,
260NM RADIUS AT 4000FT AGL,
196NM RADIUS AT 50FT AGL.
SCHEDULE: DAILY 1830-223
16DEC19/1830 19DEC19/2230

KZFW A0856/19 NO/A

- MARSDEN SQUARE 0812 -
-----/

----- WARNING -----

-EROP X0180 FALCON-9 JCSAT-18 ATTENTION AIRLINE DISPATCHERS, SOME OPS APPEAR TO BE
USING THE NOTAM BEGINNING TIME TO START FILING ROUTES AROUND THE LAUNCH OPS. BECAUSE
OF THE INDEFINITE OPENING TIME, SOME AIRLINE OPS ARE REROUTING FLTS UNNECESSARILY.
LAUNCH HAZARD AREA TIMES IN THE NOTAM ARE ALT SPECIFIC AND DO NOT AFFECT ALL OPS. THIS
NOTAM CONTAINS A BREAKDOWN OF THE TIMES FOR PRE-LAUNCH AND LAUNCH CLOSURES. THE
FOLLOWING AIRSPACE IS IN USE FOR A MISSILE LAUNCH/SPLASH DOWN. DURING THESE TIMES KZMA
ARTCC/OAC AND KZNY ARTCC/OAC WILL NOT APPROVE IFR FLT WI 45NM OF THE AFFECTED OCEANIC
STNR AIRSPACE RESERVATIONS WEST OF 6000W, 50NM BTN 6000W AND 5500W, AND 60NM EAST OF
5500W OR WI AFFECTED WARNING AREA AIRSPACE. EFFECTIVE:

1912172205-1912180230 W497A WEST OF 80 WEST, SFC-5000FT MSL
1912172205-1912180230 CAPE-A ATC ASSIGNED AIRSPACE, SFC-FL180
1912172335-1912180230 R2933, 5000FT MSL-UNL
1912172335-1912180230 R2934, SFC-UNL

1912180005-1912180230 LAUNCH HAZARD AREA PART-A WI AN AREA DEFINED AS
2837N8036W TO 2837N7938W TO 2831N7938W TO 2831N8036W TO POINT OF ORIGIN, SFC-
UNL. LAUNCH HAZARD AREA 1 THA-1 WI AN AREA DEFINED AS 2830N08037W TO
2841N08037W TO 2833N07630W TO 2821N07626W TO POINT OF ORIGIN, SFC-UNL. THIS
AREA ENCOMPASSES HAZARD AREA PART-A, AND PORTIONS OF R2932, R2933, AND
W497A/B.

LAUNCH HAZARD AREA PART-B WI AN AREA DEFINED AS 2830N7515W TO 2848N7219W TO
2836N7137W TO 2756N7137W TO 2740N7226W TO 2820N7515W TO POINT OF ORIGIN, SFC-
UNL. THE FOLLOWING RESTRICTIONS WILL BE IN EFFECT WI KZMA AND KZNY FIRS. ALL
TFC REGARDLESS OF ALT MUST BE STIMATED TO CLEAR OCEANIC ALT RESERVATION AT OR
BEFORE 1912180000. KZNY REQUEST ACFT CERTIFIED FOR RNP 4/10 FILE ROUTES TO
AVOID HAZARD AREA PART-B BY 25NM, AND NON CERTIFIED RNP 4/10 ACFT AVOID
HAZARD AREA PART-B BY 45NM DURING THE AZARD PERIOD 1912180005-1912180230. IN
THE INTEREST OF SAFETY, ALL NONPARTICIPATING PILOTS ARE STRONGLY ADZ TO AVOID
THE ABV AREAS, EXC AS NOTED BLW FOR FLT PLAN FILING PURPOSES. ACFT
ESTABLISHED ON PREAPPROVED DEFINED ROUTES MAY RANSITION HAZARD AREA 1 THA-1
. ACFT ON THESE ROUTES MAY NOT DEVIATE UNLESS CLEARED BY ATC. THE FOLLOWING
ROUTES WILL BE IMPACTED: AR6, AR15, AR17, G437, L451, L452, L453, M327, M328,
M329, M330, M593, Q89, Y185, Y585, AND Y588. HIBAC TRANS SHIFTY STAR CLSD.
FOR FLTS FILED OVER OMN ON THE FOLLOWING STARS: FISEL/GISSH/FRWAY/CAYSL
EXPECT A REROUTE VIA OMN DCT TRV AND TRV TRANSITION. REROUTES FOR AFFECTED
AR ROUTES WILL BE CONTAINED IN FAA ATC COMMAND CENTER ADVISORY. EXPECT THE
FOLLOWING INTL REROUTES: AR6/15 CLSD AT 2355Z OR EARLIER PER COMMAND CENTER
ADVISORY G437 CLSD

L451 ELMUC Y585 RENAH G446 OLDEY
 L452 RNP 4/10: LAMER L453 BOREX DCT GALVN
 NON-RNP 4/10: LUCTI L454 SEBIS DCT GALVN
 L453 NON-RNP 4/10 ONLY: LUCTI L454 SEBIS DCT GALVN
 M327 NON-RNP 4/10 ONLY: SUMRS M204 FLUPS SAVON M327
 M328 MILLE M595 LFANO SHEIL M330 BDA
 M329 MILLE M595 LFANO SHEIL M330 BDA
 M330 NON-RNP 4/10 ONLY: MILLE M595 LFANO SHEIL
 M330 BDA M593 MILLE M595 LFANO DCT AMENO
 Y588 CLSD SFC / UNL
 17DEC19/2205 18DEC19/0230

KZMA A1865/19

-EROP X0180 FALCON-9 JCSAT-18
 ATTENTION AIRLINE DISPATCHERS, SOME OPS APPEAR TO BE USING THE NOTAM BEGINNING TIME TO START FILING ROUTES AROUND THE LAUNCH OPS. BECAUSE OF THE INDEFINITE OPENING TIME, SOME AIRLINE OPS ARE REROUTING FLTS UNNECESSARILY. LAUNCH HAZARD AREA TIMES IN THE NOTAM ARE ALT SPECIFIC AND DO NOT AFFECT ALL OPS. THIS NOTAM CONTAINS A BREAKDOWN OF THE TIMES FOR PRE-LAUNCH AND LAUNCH CLOSURES. THE FOLLOWING AIRSPACE IS IN USE FOR A MISSILE LAUNCH/SPLASH DOWN. DURING THESE TIMES KZMA ARTCC/OAC AND KZNY ARTCC/OAC WILL NOT APPROVE IFR FLT WI 45NM OF THE AFFECTED OCEANIC STNR AIRSPACE RESERVATIONS WEST OF 6000W, 50NM BTN 6000W AND 5500W, AND 60NM EAST OF 5500W OR WI AFFECTED WARNING AREA AIRSPACE. EFFECTIVE:

1912172205-1912180230 W497A WEST OF 80 WEST, SFC-5000FT MSL
 1912172205-1912180230 CAPE-A ATC ASSIGNED AIRSPACE, SFC-FL180
 1912172335-1912180230 R2933, 5000FT MSL-UNL
 1912172335-1912180230 R2934, SFC-UNL
 1912180005-1912180230 LAUNCH HAZARD AREA PART-A WI AN AREA DEFINED AS 2837N8036W TO 2837N7938W TO 2831N7938W TO 2831N8036W TO POINT OF ORIGIN, SFC-UNL. LAUNCH HAZARD AREA 1 THA-1 WI AN AREA DEFINED AS 2830N08037W TO 2841N08037W TO 2833N07630W TO 2821N07626W TO POINT OF ORIGIN, SFC-UNL. THIS AREA ENCOMPASSES HAZARD AREA PART-A, AND PORTIONS OF R2932, R2933, AND W497A/B. LAUNCH HAZARD AREA PART-B WI AN AREA DEFINED AS 2830N7515W TO 2848N7219W TO 2836N7137W TO 2756N7137W TO 2740N7226W TO 2820N7515W TO POINT OF ORIGIN, SFC-UNL. THE FOLLOWING RESTRICTIONS WILL BE IN EFFECT WI KZMA AND KZNY FIRS. ALL TFC REGARDLESS OF ALT MUST BE STIMATED TO CLEAR OCEANIC ALT RESERVATION AT OR BEFORE 1912180000. KZNY REQUEST ACFT CERTIFIED FOR RNP 4/10 FILE ROUTES TO AVOID HAZARD AREA PART-B BY 25NM, AND NON CERTIFIED RNP 4/10 ACFT AVOID HAZARD AREA PART-B BY 45NM DURING THE AZARD PERIOD 1912180005-1912180230. IN THE INTEREST OF SAFETY, ALL NONPARTICIPATING PILOTS ARE STRONGLY ADZ TO AVOID THE ABV AREAS, EXC AS NOTED BLW FOR FLT PLAN FILING PURPOSES. ACFT ESTABLISHED ON PREAPPROVED DEFINED ROUTES MAY TRANSITION HAZARD AREA 1 THA-1 . ACFT ON THESE ROUTES MAY NOT DEVIATE UNLESS CLEARED BY ATC. THE FOLLOWING ROUTES WILL BE IMPACTED: AR6, AR15, AR17, G437, L451, L452, L453, M327, M328, M329, M330, M593, Q89, Y185, Y585, AND Y588. HIBAC TRANS SHIFTY STAR CLSD. FOR FLTS FILED OVER OMN ON THE FOLLOWING STARS: FISEL/GISSH/FRWAY/CAYSL EXPECT A REROUTE VIA OMN DCT TRV AND TRV TRANSITION. REROUTES FOR AFFECTED AR ROUTES WILL BE CONTAINED IN FAA ATC COMMAND CENTER ADVISORY. EXPECT THE FOLLOWING INTL REROUTES: AR6/15 CLSD AT 2355Z OR EARLIER PER COMMAND CENTER ADVISORY G437 CLSD
 L451 ELMUC Y585 RENAH G446 OLDEY
 L452 RNP 4/10: LAMER L453 BOREX DCT GALVN
 NON-RNP 4/10: LUCTI L454 SEBIS DCT GALVN
 L453 NON-RNP 4/10 ONLY: LUCTI L454 SEBIS DCT GALVN
 M327 NON-RNP 4/10 ONLY: SUMRS M204 FLUPS SAVON
 M327 M328 MILLE M595 LFANO SHEIL M330 BDA
 M329 MILLE M595 LFANO SHEIL M330 BDA
 M330 NON-RNP 4/10 ONLY: MILLE M595 LFANO SHEIL M330 BDA
 M593 MILLE M595 LFANO DCT AMENO
 Y588 CLSD
 SFC / UNL
 17DEC19/2205 18DEC19/0230

KZMA A1865/19

-EROP X0180 FALCON-9 JCSAT-18

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

EFFECTIVE:

1912162205 1912170230 W497A WEST OF 80 WEST, SFC-5000FT MSL

1912162205 1912170230 CAPE-A ATC ASSIGNED AIRSPACE,
SFC-FL180 1912162335 1912170230 R2933, 5000FT MSL-UNL

1912162335 1912170230 R2934, SFC-UNL

1912170005 1912170230 LAUNCH HAZARD AREA PART-A WI AN AREA DEFINED AS 2837N8036W TO 2837N7938W TO 2831N7938W TO 2831N8036W TO POINT OF ORIGIN, SFC-UNL. LAUNCH HAZARD AREA 1 THA-1 WI AN AREA DEFINED AS 2830N08037W TO 2841N08037W TO 2833N07630W TO 2821N07626W TO POINT OF ORIGIN, SFC-UNL. THIS AREA ENCOMPASSES HAZARD AREA PART-A, AND PORTIONS OF R2932, R2933, AND W497A/B. LAUNCH HAZARD AREA PART-B WI AN AREA DEFINED AS 2830N7515W TO 2848N7219W TO 2836N7137W TO 2756N7137W TO 2740N7226W TO 2820N7515W TO POINT OF ORIGIN, SFC-UNL. THE FOLLOWING RESTRICTIONS WILL BE IN EFFECT WI KZMA AND KZNY FIRS. ALL TRAFFIC REGARDLESS OF ALT MUST BE ESTIMATED TO CLEAR OCEANIC ALTITUDE RESERVATION AT OR BEFORE 1912170000. KZNY REQUEST ACFT CERTIFIED FOR RNP 4/10 FILE ROUTES TO AVOID HAZARD AREA PART-B BY 25NM, AND NON CRTFY RNP 4/10 ACFT AVOID HAZARD AREA PART-B BY 45NM DURING THE HAZARD PERIOD 1912170005-1912170230. IN THE INTEREST OF SAFETY, ALL NONPARTICIPATING PILOTS ARE STRONGLY ADVISED TO AVOID THE ABV AREAS, EXC S NOTED BLW FOR FLT PLAN FILING PURPOSES. ACFT ESTABLISHED ON PREAPPROVED DEFINED ROUTES MAY TRANSITION HAZARD AREA

1 THA-1 . ACFT ON THESE ROUTES MAY NOT DEVIATE UNLESS CLEARED BY ATC. THE FOLLOWING ROUTES WILL BE IMPACTED: AR6, AR15, AR17, G437, L451, L452, L453, M327, M328, M329, M330, M593, Q89, Y185, Y585, AND Y588. HIBAC TRANS SHIFTY STAR CLSD. FOR FLTS FILED OVER OMN ON THE FOLLOWING STARS: FISEL/GISSH/FRWAY/CAYSL EXPECT A REROUTE VIA OMN DCT TRV AND TRV TRANSITION. REROUTES FOR AFFECTED ?AR? ROUTES WILL BE CONTAINED IN FAA ATC COMMAND CENTER ADVISORY. EXPECT THE FOLLOWING INTL REROUTES: AR6/15?CLSD AT 2355 OR EARLIER PER COMMAND CENTER ADVISORY G437?CLD L451?ELMUC Y585 RENAH G446 OLDEY L452?RNP 4/10: LAMER L453 BOREX DCT GALVN ?NON-RNP 4/10: LUCTI L454 SEBIS DCT GALVN L453?NON-RNP 4/10 ONLY:
LUCTI L454 SEBIS DCT GALVN
M327?NON-RNP 4/10 ONLY:
SUMRS M204 FLUPS SAVON
M327

M328?MILLE M595

LFANO SHEIL M330

BDA M329?MILLE

M595 LFANO SHEIL

M330 BDA

M330?NON-RNP 4/10 ONLY: MILLE M595 LFANO SHEIL M330 BDA M593?MILLE M595 LFANO DCT AMENO Y588?CLSD SFC / UNL

16DEC19/2205 17DEC19/0230

KZMA A1861/19

MLB 02/026 MLB COM VOR VOICE OUT OF SERVICE 1802151400-1802151800

PILOT REPORTS

UA /OV CQY030030 /TM 1723 /FL160 /TP B737 /TB MOD CHOP 180-170/RM DURD AWC-WEB:
 UA /OV GNV213006 /TM 1610 /FL080 /TP SR22 /SK SKC /WX FV99SM/TA 12 /WV 21321KT /TB NEG
 /IC NEG /RM AEROVIE FIELD CONDITIONS

DFW 110416
 /FC

* DFW FIELD REPORT *

 * REPORT LAST UPDATED AT 0721 LOCAL TIME *

DATE 16DEC19 TIME 1221 LOCAL

EXISTING TAA SEE NOTAMS

RWY	STATUS	CONDITIONS	REMARKS
18R /36L	OPEN	DRY	
18L /36R	OPEN	DRY	
17R /35L	OPEN	DRY	
17C /35C	OPEN	DRY	
17L /35R	OPEN	DRY	
13L /31R	OPEN	DRY	
13R /31L	OPEN	DRY	
RAMP/TXWY	SURFACE	DRY	

SPECIAL ADVISORIES
 GATES A8-A39 USE **UPPER** ANTENNA WHEN CALLING RAMP 131.275

OPS RADIO	FREQ	OPS PHONE	
ATIS	FREQ 123.77	ATIS PHONE	
MAINT	FREQ 130.25	MAINT PHONE	
PHONE PATCH	FREQ NONE	PATCH PHONE	N
ACARS	FREQ NONE	GROUND PWR	YES GROUND AIR YES

REMARKS
 GATES B1-B17 AA FREQ 129.825
 GATES B18-B49 ENV FREQ 130.10
 GATES D6-D16 DFW FREQ 129.95
 GATES E2-E17 ENV FREQ 131.00
 GATES E18-E38 ENV FREQ 128.825
 DPTR ATIS FREQ 135.92

HGR MTNC MOD PHONE [REDACTED]
 TERMINAL D JETBRIDGE DOOR CODE [REDACTED]
 TERMINALS B JETBRIDGE DOOR CODE [REDACTED]
 UPDATED 0721/16DEC [REDACTED]
 GNV 110416
 /FC

* GNV FIELD REPORT *

 * REPORT LAST UPDATED AT 0322 LOCAL TIME *

DATE 16DEC19 TIME 1321 LOCAL

EXISTING TAA SEE NOTAMS

RWY	STATUS	CONDITIONS	REMARKS
11 /29	OPEN	DRY	
07 /25	OPEN	DRY	
RAMP/TXWY	SURFACE		

SPECIAL ADVISORIES

RADIO FREQUENCY PIEDMONT 129.750 ENVOY 131.150
DUTY PHONE [REDACTED] AIRSTART -YES /GROUND POWER-YES
ALL BRIDGES HAVE PCAS AND GPUS. AVAIL WITH ADVANCE REQUEST
JETBRIDGE CODE FOR ALL BRIDGES [REDACTED] ARE INOP BOTH GATES
POWEROUT OPERATIONS AUTHORIZED AT AVAILABLE GATES

OPS RADIO 131.15 OPS PHONE [REDACTED]
FREQ
ATIS FREQ 127.15 ATIS PHONE
MAIN FREQ MAIN PHONE
PHONE PATCH 131.15 PATCH PHONE [REDACTED]
FREQ
ACARS FREQ GROUND PWR YES GROUND AIR NO

----- REMARKS
NO ENVOY AIRSTART.
JET BRIDGE [REDACTED]
ATC TOWER CLOSES AT 2230 LOCAL.
UPDATED 0322/16DEC P EMERSON
END DATA

DEICING CONDITIONS DFW 110416
/DI

* DFW DEICING REPORT *

* REPORT LAST UPDATED AT 0516 LOCAL TIME *

DATE 16DEC19 TIME 1221 LOCAL

DEICING IN EFFECT NO AIRCRAFT TYPE ALL
DEICING LOCATIONS TYPE FLUID IN USE
PRIMARY SW 186K I SAFETEMP ES PLUS
SECONDARY SE 46K IV UCAR FLTGRD AD49

PRE-TAKEOFF CHECK SITES NO
ANTICIPATED DEICE/OFF TIME 15 MIN

REMARKS

CTC RAMP TWR PRIOR TO DPTR FOR DEICE OR ENG INLET CHECK IF REQ
GATES D6-D16 AND E TERM RQST DEICE ON FREQ 130.875
SW MAINLINE DEICING PAD FREQ 130.20
SE MAINLINE DEICING PAD FREQ 131.75//TRUCKS IN SERVICE-12
END DATA

FI3960/16DEC/1235 DFW<
FLT MQ 3960 DFW -GNV 1 16DEC 16/1821Z
01 805 NONE N/R CAPT MEEUWSEN AJ C2
GRN OBJ 35 D T **ACARS** **PRINTER**
PAYLOAD T/O WGT FUEL OB RR 11 GATES E30 /2
D 8900 P 45190 P 684/ 896 AE76 9723749887 [REDACTED]
D 8900 A A

PERF	SKED	PLAN	ACTL	PL	AC	PLAN	ACTL	DISP	DELAYS
DFW	1835	1835				896		AE76	
DFW		1858				854			
HANUH		1909		175		817			
FORCK		1920		350		712			
ELD		1929		350		677			
MEI		1953		370		584			
SZW		2023		370		474			
GNV		2046				427		AE76	
-8 GNV	2058	2050				419			

ON-TIME ANALYSIS--

SKDBLK	-	TX0	23--AIR	1.56--TXI	4--AIRQ	0--TOTAL	2.23
FLIPLN	-	TX0	23--AIR	1.48--TXI	4--AIRQ	0--TOTAL	2.15
ACTUAL	-	TX0	0--AIR	.00--TXI	0--TOTAL		.00
PREOFF	-	TX0	23--AIR	1.48--TXI	4--TOTAL		2.15
MOT DATA					MOT	LMT	
CA	[REDACTED]				- 2129/16Z	2142Z	
FO	[REDACTED]				- 2129/16Z	2142Z	

END
 STA PRES ALT FLT AIRPL DTE/TIME
 DFW 500 3960 805 16/1821Z
 *** ERJ 140 ***
 TEMP PTOW
 4C 43300

***** THRUST / V-SPEED *****
 FLP V1 VR V2 V215 VFS
 09 123 127 130 145 166

RWY THR MTOW

 36RY AT0 45499L

 36L AT0 45499L

 36LX AT0 45499L

 36R AT0 45499L

 36RX AT0 45499L

***** AIRPORT NOTES *****
 INTERSECTION AND ENTRY POINTS
 36R FROM ENTRY POINT WR
 36RX FROM ENTRY POINT WR/WQ OR WP
 36RY FROM TAXIWAY A OR B
 36L FROM ENTRY POINT WR
 36LX FROM TAXIWAY A OR B
 36R FROM ENTRY POINT WR
 36RX FROM ENTRY POINT WR/WQ OR WP
 36RY FROM TAXIWAY A OR B
 36L FROM ENTRY POINT WR
 36LX FROM TAXIWAY A OR B
 .

***** AIRPORT ANALYSIS DATA *****

TAKEOFF STRUCT WT LIMIT 46510									
MLW 41220									
FLAP	THR	CLIMB LIMIT	TEMP C	RWY 36RY	RWY 36L	RWY 36LX	RWY 36R	RWY 36RX	
09	ATO	46520	4	47400	47410	47410	47400	47400	
	ATO	46500	6	47380	47390	47390	47380	47380	
	TO	48710	4	49700	49710	49710	49700	49700	
	To	48690	6	49690	49700	49700	49690	49690	
	HDWND	ADD / KT			25	25	25	25	25
	TLWND	SUB / KT			91	91	91	91	91
ACCL ALT			/MSL/ FT	1410	1410	1410	1410	1410	
-----h-----									
LENGTH - FT					10812	13400	10572	13400	12815
SLOPE - PCT					.3	.2	.2	.3	.3

A/I ON SUB FROM			CLB 800	RWY 800					

END									