

Third Party Protected Information
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Briefing History

Request Source: FTWE6DWK003

Aircraft Id: N56359

Route Corridor Width: 50.00

Winds Corridor Width: 200.00

METAR/TAF Briefing Format: RAW_METAR_TAF_FORMAT

Briefing Generated: 2019-01-31 17:52:31Z

WX Alerts:

Airmet Alert:

WAUS44 KKCI 311445

DFWS WA 311445

AIRMET SIERRA UPDT 3 FOR IFR VALID UNTIL 312100

.

AIRMET IFR...TX

FROM 20ENE ABI TO 40NW ACT TO DLF TO 70SSE FST TO 30NE MAF TO
20ENE ABI

CIG BLW 010/VIS BLW 3SM BR. CONDS ENDG 15-18Z.

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Airmet Alert:

WAUS44 KKCI 311445

DFWS WA 311445

AIRMET SIERRA UPDT 3 FOR IFR VALID UNTIL 312100

.

AIRMET IFR...TX AND CSTL WTRS

FROM 20ESE TTT TO 50ESE ACT TO 50WSW IAH TO 110ESE PSX TO 80E
BRO TO 90W BRO TO DLF TO 40NW ACT TO 20ESE TTT

CIG BLW 010/VIS BLW 3SM PCPN/BR. CONDS CONTG BYD 21Z THRU 03Z.

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Airmet Alert:

WAUS44 KKCI 311445

DFWS WA 311445

AIRMET SIERRA UPDT 3 FOR IFR VALID UNTIL 312100

.

OTLK VALID 2100-0300Z...IFR OK TX AND CSTL WTRS

BOUNDED BY 20NW END-30SSE TUL-40W LFK-60ESE IAH-120SSW LCH-
120SSE PSX-BRO-90W BRO-DLF-20WSW JCT-50W TTT-20NW END

CIG BLW 010/VIS BLW 3SM PCPN/BR. CONDS CONTG THRU 03Z.

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Airmet Alert:

WAUS45 KPCI 311445

SLCZ WA 311445

AIRMET ZULU UPDT 2 FOR ICE AND FRZLVL VALID UNTIL 312100

.

FRZLVL...RANGING FROM SFC-105 ACRS AREA

MULT FRZLVL BLW 100 BOUNDED BY 60SSW YXH-50N GGW-50SSW ISN-100SE MLS-60SSW YXH

MULT FRZLVL BLW 100 BOUNDED BY 40E AKO-GLD-50W LBL-30ESE TBE-PUB-40SW GLD-40E AKO

MULT FRZLVL BLW 090 BOUNDED BY 40N DNJ-40NE SLC-30N HVE-30ENE ILC-40SSE BAM-60NNE CZQ-50E RBL-20WSW LKV-30ENE DSD-40N DNJ

MULT FRZLVL BLW 090 BOUNDED BY 30S YXC-40SW GTF-70E DLN-60WSW DBS-70NNW DNJ-40SSE PDT-50N DSD-30SSW YDC-30S YXC
SFC ALG 60NNW FMG-40NW OAL-20E OAL-30E TBC-40ENE SJN-50SSW ABQ-20NW TXO

080 ALG 20WSW BTY-20SSW TBC-50ESE SJN-50NW CME-70WSW LBB

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Airmet Alert:

WAUS44 KPCI 311445

DFWZ WA 311445

AIRMET ZULU UPDT 2 FOR ICE AND FRZLVL VALID UNTIL 312100

.

FRZLVL...RANGING FROM SFC-125 ACRS AREA

MULT FRZLVL BLW 100 BOUNDED BY 60SSW ISN-30NE OVR-MCI-60S COU-60SW GQO-40NW LGC-40NNW SQS-50NW GGG-20SE AMA-30ESE TBE-50W LBL-GLD-30ENE SNY-60WSW ANW-80NW RAP-60SSW ISN

SFC ALG 20NW TXO-OKC-40WSW FSM-60SSE FSM-30S GQO-40S GQO 040 ALG AMA-20ESE OKC-40WNW TXK-30W ELD-20SSE LGC

080 ALG 70WSW LBB-50SSW LBB-20WSW SPS-30ESE SPS-50SSW LSU-80SSE SJI

120 ALG 70S LRD-BRO

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Airmet Alert:

WAUS44 KPCI 311445

DFWZ WA 311445

AIRMET ZULU UPDT 2 FOR ICE AND FRZLVL VALID UNTIL 312100

.

AIRMET ICE...TX LA AND CSTL WTRS

FROM 20S GGG TO LCH TO 50S LEV TO 120SSW LCH TO 110ENE BRO TO 70SSW SAT TO 30N DLF TO 20S GGG

MOD ICE BTN FRZLVL AND FL220. FRZLVL 080-130. CONDS DVLPG 15-18Z. CONDS CONTG BYD 21Z THRU 03Z.

.

FRZLVL...RANGING FROM SFC-125 ACRS AREA

MULT FRZLVL BLW 100 BOUNDED BY 60SSW ISN-30NE OVR-MCI-60S COU-

60SW GQO-40NW LGC-40NNW SQS-50NW GGG-20SE AMA-30ESE TBE-
50W LBL-GLD-30ENE SNY-60WSW ANW-80NW RAP-60SSW ISN
SFC ALG 20NW TXO-OKC-40WSW FSM-60SSE FSM-30S GQO-40S GQO
040 ALG AMA-20ESE OKC-40WNW TXK-30W ELD-20SSE LGC
080 ALG 70WSW LBB-50SSW LBB-20WSW SPS-30ESE SPS-50SSW LSU-
80SSE SJI
120 ALG 70S LRD-BRO

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Airmet Alert:

WAUS44 KPCI 311445

DFWZ WA 311445

AIRMET ZULU UPDT 2 FOR ICE AND FRZLVL VALID UNTIL 312100

.

OTLK VALID 2100-0300Z...ICE TX LA MS AND CSTL WTRS
BOUNDED BY 20S GGG-20SSW AEX-50E LEV-90SE LEV-120SSW LCH-110ENE
BRO-60S PSX-50WNW CRP-40SE ACT-20S GGG
MOD ICE BTN FRZLVL AND FL220. FRZLVL 080-120. CONDS CONTG THRU
03Z.

Airmet Alert:

WAUS44 KPCI 311445

DFWT WA 311445

AIRMET TANGO UPDT 2 FOR TURB AND LLWS VALID UNTIL 312100

.

AIRMET TURB...TX LA AND CSTL WTRS
FROM 40NNW IAH TO 50SSE LFK TO 110S LCH TO 120SSW LCH TO 110SE
PSX TO 60SE SAT TO 40NNW IAH
MOD TURB BTN FL270 AND FL410. CONDS DVLPG 18-21Z. CONDS CONTG
BYD 21Z THRU 03Z.

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Airmet Alert:

WAUS44 KPCI 311445

DFWT WA 311445

AIRMET TANGO UPDT 2 FOR TURB AND LLWS VALID UNTIL 312100

.

OTLK VALID 2100-0300Z
AREA 1...TURB TX AR LA MS AL AND CSTL WTRS
BOUNDED BY 40SW LIT-40NW IGB-20ESE MGM-20SSW CEW-130ESE LEV-
120SSW LCH-120SE PSX-50SSE SAT-60E ACT-50WNW GGG-40SW LIT
MOD TURB BTN FL270 AND FL410. CONDS CONTG THRU 03Z.

Airmet Alert:

WAUS43 KPCI 311445

CHIT WA 311445

AIRMET TANGO UPDT 2 FOR TURB AND LLWS VALID UNTIL 312100

.

LLWS POTENTIAL...KS MO OK TX AR
BOUNDED BY 30NNE SGF-60NW ARG-50WNW TXK-60ESE ACT-40NW CWK-70W

ACT-30SSE SJT-50NW ABI-40WNW SPS-30ESE END-30NNE SGF
LLWS EXP. CONDS CONTG BYD 21Z THRU 03Z.

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Airmet Alert:

WAUS44 KKCI 311445

DFWT WA 311445

AIRMET TANGO UPDT 2 FOR TURB AND LLWS VALID UNTIL 312100

.

LLWS POTENTIAL...OK TX AR KS MO

BOUNDED BY 30NNE SGF-60NW ARG-50WNW TXK-60ESE ACT-40NW CWK-70W

ACT-30SSE SJT-50NW ABI-40WNW SPS-30ESE END-30NNE SGF

LLWS EXP. CONDS CONTG BYD 21Z THRU 03Z.

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Center Wx Advisory Alert:

FAUS21 KZHU 311604

ZHU1 CWA 311600

ZHU CWA 103 VALID UNTIL 311800

FROM 50N CWK-15ENE CWK-30SW SAT-25S CRP-15WNW BRO-70SSE LRD-65SSE
MAF-50N CWK

AREA LIFR CONDS WITH CIGS MNLY AOB 005/VIS OCNL 1-3SM BR RA-. CONDS
EXPD TO SLWLY IMPR AFT 18Z.

UAS Operating Area Conflicts:

UAS Operating Area FA3EAXA7CF DEFINED AS 0.6NM RADIUS OF
301713.30N0985216.30W (3.3NM NNE T82) SFC-400FT AGL DLY SR-SS
1901101333-1902100019.

UAS Operating Area FA3MP7FA9P DEFINED AS 0.5NM RADIUS OF
294714.80N0954710.80W (5.9NM E TME) SFC-400FT AGL 1902031800-1902032100.

UAS Operating Area FA3YYL74ER DEFINED AS 1NM RADIUS OF
295351.90N0954138.90W (3.6NM SW EYQ) SFC-560FT (SFC-400FT AGL) DLY SR-SS
1809061202-1909020045.

NOTAM UAS Operating Area CXO_01/431 DEFINED AS .6NM RADIUS OF
300353N0953812W (2.1NM NE T51) SFC-400FT AGL 1902011400-1902012359.

UAS Operating Area FA33CHRNPL DEFINED AS 1.5NM RADIUS OF

293330.80N0951628W (2.8NM NW LVJ) SFC-400FT AGL DLY SR-SS
1901021316-1901312358.

Departure Area Forecast Synopsis:

Review the current Surface Analysis Chart on the Graphics Container

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FAGX20
FAGX20 KPCI 311336 AAA
OFAGX
SYNOPSIS VALID TIL 011100Z
FCST...311100Z-312300Z
OTLK...312300Z-011100Z

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01 SYNOPSIS...SFC TROF ALONG CST OF NERN MEXICO. ISOL SHRA OFF
CST OF SRN TX. BRISK SELV WINDS OVER TX CSTL WTRS AND WRN PTNS
OF HOUSTON OCEANIC FIR. LOW AND MID LVL CLDS OVER CSTL WTRS OF
TX AND WRN LA...AND OVER PTNS OF HOUSTON OCEANIC FIR N OF 26N.

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Current Departure Wx:

METAR: KERP 311651Z 00000KT 10SM FEW110 FEW180 12/M03 A3008 RMK AO2
SLP156 T01221028 =

Trend Departure Wx:

METAR: KERP 311551Z 00000KT 10SM BKN110 BKN150 08/M04 A3007 RMK AO2
SLP160 T00781039 =

Current Destination Wx:

METAR: KSGR 311653Z 11010KT 10SM OVC055 15/11 A3019 RMK AO2 SLP225
T01500111 =

Trend Destination Wx:

METAR: KSGR 311553Z 10008G16KT 10SM FEW011 OVC055 14/10 A3019 RMK AO2

SLP225 T01390100 =

METAR: SPECI KSGR 311544Z 10009KT 10SM FEW011 SCT022 OVC055 13/10 A3019
RMK AO2 T01330100 =

METAR: SPECI KSGR 311534Z 09011KT 10SM SCT011 BKN022 OVC055 13/09 A3018
RMK AO2 T01330094 =

METAR: SPECI KSGR 311515Z 08009KT 10SM BKN011 BKN020 OVC060 13/09 A3018
RMK AO2 T01280094 =

METAR: KSGR 311453Z 10009G18KT 10SM FEW027 BKN060 OVC085 13/09 A3018
RMK AO2 SLP220 T01280094 53010 =

Current Enroute Wx:

METAR: KBIF 311658Z AUTO 00000KT 8SM CLR 10/M03 A3008 RMK AO2 SLP166
T00971035 \$ =

METAR: SPECI MMCS 311705Z 24009KT 10SM FEW120 16/M04 A3010 RMK 8/030 =

METAR: KDNA 311735Z AUTO 00000KT 10SM CLR 14/M03 A3011 RMK AO2 =

METAR: KQMG METAR not available.

METAR: KGDP 311651Z AUTO 21007KT 10SM CLR 11/M04 A3010 RMK AO2 SLP162
T01061044 =

METAR: KPEQ 311735Z AUTO 00000KT 10SM CLR 12/M02 A3005 RMK AO2
T01181022 =

METAR: KFST 311653Z AUTO 03004KT 10SM FEW110 16/01 A3006 RMK AO2 SLP154
T01560006 =

METAR: KOZA 311735Z AUTO 19013G20KT 10SM CLR 12/06 A3012 RMK AO2 =

METAR: KSOA 311735Z AUTO 19010KT 10SM SCT008 SCT013 12/09 A3016 RMK
AO2 =

METAR: SPECI KJCT 311744Z AUTO 22006KT 10SM -RA OVC010 12/10 A3014 RMK
AO2 RAB39 P0000 T01220100 =

METAR: KT82 311735Z AUTO 00000KT 2SM BR OVC003 09/09 A3015 RMK AO2

T00920086 =

METAR: KAQO 311730Z AUTO 00000KT 2 1/2SM BR OVC002 11/09 A3019 RMK
AO2 =

METAR: KDZB 311735Z AUTO 00000KT 2SM BR OVC004 09/09 A3017 RMK AO2
T00900085 =

METAR: SPECI KBMQ 311745Z AUTO 18006KT 1 1/2SM BR OVC002 08/08 A3017 RMK
AO2 T00830078 =

METAR: KRYW 311735Z AUTO 15003KT 1 1/4SM BR OVC002 09/09 A3016 RMK AO2
T00900090 =

METAR: KGTU 311656Z 19003KT 5SM BR OVC004 08/08 A3019 RMK AO2 RAB1557E18
SLP228 P0000 T00830078 =

METAR: SPECI KATT 311741Z AUTO 00000KT 10SM BKN022 OVC028 11/08 A3017
RMK AO2 T01110078 =

METAR: KHYI 311656Z 02005KT 8SM BKN010 OVC020 11/08 A3019 RMK AO2 SLP220
T01060078 =

METAR: KAUS 311653Z 00000KT 8SM -DZ FEW013 OVC028 11/08 A3018 RMK AO2
SLP220 P0000 T01060078 =

METAR: KEDC 311735Z AUTO 00000KT 9SM FEW013 BKN027 OVC034 12/08 A3017
RMK AO2 =

METAR: KGYB 311735Z AUTO 13007KT 10SM BKN042 OVC050 13/10 A3018 RMK
AO2 T01300096 =

METAR: K3T5 311735Z AUTO 13005KT 10SM SCT025 OVC043 15/12 A3015 RMK AO2
T01450115 =

METAR: K11R 311735Z AUTO 12007KT 10SM OVC044 14/10 A3019 RMK AO2
T01410103 =

METAR: K66R 311735Z AUTO 12007KT 10SM SCT027 OVC046 15/11 A3018 RMK
AO2 T01500105 =

METAR: KELA 311735Z AUTO 12006KT 10SM SCT030 OVC048 15/12 A3017 RMK AO2
T01450117 =

METAR: KTME 311735Z AUTO 11011KT 8SM OVC050 15/12 A3019 RMK AO2 =

METAR: KMCJ 311735Z AUTO VRB05G11KT 6SM HZ OVC010 14/11 A3018 RMK A01 =

METAR: KDWH 311653Z 12011KT 10SM OVC013 12/09 A3020 RMK AO2 SLP226
T01220089 =

METAR: SPECI KIAH 311719Z 12010KT 10SM OVC015 14/10 A3020 RMK AO2 VCSH SE
AND SW T01390100 =

METAR: KAXH 311735Z AUTO 11005KT 10SM BKN012 BKN022 OVC033 14/12 A3019
RMK AO2 T01440124 =

METAR: KHOU 311653Z 10014KT 8SM OVC011 14/10 A3019 RMK AO2 SLP229
T01390100 =

Trend Enroute Wx:

METAR: KBIF 311558Z AUTO 00000KT 10SM OVC110 07/M04 A3007 RMK AO2 SLP166
T00651040 \$ =

METAR: KBIF 311458Z AUTO 00000KT 10SM OVC100 04/M05 A3005 RMK AO2 SLP162
52015 =

METAR: MMCS 311640Z 23007KT 10SM FEW120 13/M03 A3010 RMK 8/030 =

METAR: MMCS 311541Z 00000KT 10SM BKN080 BKN200 10/M03 A3009 RMK 8/032 =

METAR: KDNA 311715Z AUTO 20003KT 10SM CLR 13/M03 A3011 RMK AO2 =

METAR: KDNA 311655Z AUTO 00000KT 10SM CLR 12/M03 A3011 RMK AO2 =

METAR: KDNA 311635Z AUTO 00000KT 10SM CLR 10/M03 A3011 RMK AO2 =

METAR: KDNA 311615Z AUTO 00000KT 10SM FEW100 09/M03 A3010 RMK AO2 =

METAR: KDNA 311555Z AUTO 00000KT 10SM BKN100 09/M04 A3010 RMK AO2 =

METAR: KDNA 311535Z AUTO 00000KT 10SM OVC110 08/M04 A3009 RMK AO2 =

METAR: KDNA 311515Z AUTO 00000KT 10SM OVC100 07/M04 A3008 RMK AO2 =

METAR: KDNA 311455Z AUTO 00000KT 10SM OVC100 06/M04 A3008 RMK AO2 =

METAR: KGDP 311551Z AUTO 24006KT 10SM CLR 08/M04 A3010 RMK AO2 SLP164
T00831044 =

METAR: KPEQ 311715Z AUTO 00000KT 10SM CLR 10/M02 A3006 RMK AO2

T01011017 =

METAR: KPEQ 311655Z AUTO 00000KT 10SM CLR 08/M02 A3007 RMK AO2
T00841016 =

METAR: KPEQ 311635Z AUTO 00000KT 10SM CLR 07/M01 A3007 RMK AO2
T00731015 =

METAR: KPEQ 311615Z AUTO 00000KT 10SM CLR 06/M01 A3007 RMK AO2
T00581013 =

METAR: KPEQ 311555Z AUTO 00000KT 10SM CLR 04/M01 A3006 RMK AO2
T00441015 =

METAR: KPEQ 311535Z AUTO 00000KT 10SM CLR 03/M02 A3006 RMK AO2
T00331018 =

METAR: KPEQ 311515Z AUTO 34003KT 10SM CLR 02/M03 A3006 RMK AO2
T00201027 =

METAR: KPEQ 311455Z AUTO 00000KT 10SM SCT120 01/M03 A3006 RMK AO2
T00101035 =

METAR: KFST 311553Z AUTO 00000KT 10SM SCT100 10/00 A3006 RMK AO2 SLP160
T01000000 =

METAR: KFST 311453Z AUTO 00000KT 10SM OVC110 06/00 A3004 RMK AO2 SLP158
T00560000 51014 =

METAR: KOZA 311715Z AUTO 10SM CLR 10/06 A3013 RMK AO2 =

METAR: KOZA 311655Z AUTO 20013KT 10SM SCT011 SCT100 11/06 A3014 RMK
AO2 =

METAR: KOZA 311635Z AUTO 10SM BKN007 BKN012 10/07 A3015 RMK AO2 =

METAR: KOZA 311615Z AUTO 20013KT 10SM OVC007 08/06 A3015 RMK AO2 =

METAR: KOZA 311555Z AUTO 10SM OVC005 08/07 A3014 RMK AO2 =

METAR: KOZA 311535Z AUTO 19013KT 10SM OVC003 07/07 A3015 RMK AO2 =

METAR: KOZA 311515Z AUTO 21010KT 10SM OVC003 07/06 A3014 RMK AO2 =

METAR: KOZA 311455Z AUTO 20010G14KT 2 1/2SM BR OVC003 07/06 A3013 RMK
AO2 =

METAR: KSOA 311715Z AUTO 19010G16KT 10SM BKN006 BKN009 10/10 A3017 RMK AO2 =

METAR: KSOA 311655Z AUTO 19011KT 10SM BKN005 09/09 A3017 RMK AO2 =

METAR: KSOA 311635Z AUTO 20010KT 10SM OVC004 09/09 A3018 RMK AO2 =

METAR: KSOA 311615Z AUTO 20007KT 10SM OVC004 09/09 A3018 RMK AO2 =

METAR: KSOA 311555Z AUTO 19008KT 10SM OVC003 09/09 A3016 RMK AO2 =

METAR: KSOA 311535Z AUTO 19006G12KT 10SM OVC003 08/08 A3016 RMK AO2 =

METAR: KSOA 311515Z AUTO 19008KT 9SM OVC002 08/08 A3016 RMK AO2 =

METAR: KSOA 311455Z AUTO 17007KT 4SM BR OVC002 08/08 A3014 RMK AO2 =

METAR: SPECI KJCT 311705Z AUTO 00000KT 9SM OVC007 11/09 A3014 RMK AO2 T01110094 =

METAR: KJCT 311651Z AUTO 00000KT 9SM OVC006 11/09 A3015 RMK AO2 SLP192 T01060089 =

METAR: SPECI KJCT 311633Z AUTO 00000KT 9SM OVC005 10/09 A3014 RMK AO2 T01000089 =

METAR: SPECI KJCT 311623Z AUTO 00000KT 4SM BR OVC004 09/09 A3014 RMK AO2 CIG003V006 T00940089 =

METAR: SPECI KJCT 311615Z AUTO 00000KT 2 1/2SM BR OVC004 09/09 A3014 RMK AO2 T00940089 =

METAR: KJCT 311551Z AUTO 00000KT 1 3/4SM BR OVC003 08/08 A3014 RMK AO2 SLP193 T00830083 =

METAR: SPECI KJCT 311540Z AUTO 00000KT 1 1/4SM BR BKN003 OVC007 09/08 A3014 RMK AO2 T00890083 =

METAR: SPECI KJCT 311520Z AUTO 09003KT 1SM BR OVC006 08/08 A3014 RMK AO2 T00830078 =

METAR: SPECI KJCT 311507Z AUTO 07003KT 3/4SM BR OVC006 08/08 A3014 RMK AO2 T00830078 =

METAR: KT82 311715Z AUTO 00000KT 2 1/2SM BR BKN003 OVC007 09/08 A3016

RMK AO2 T00900084 =

METAR: KT82 311650Z AUTO 19003KT 1 3/4SM BR OVC003 09/08 A3016 RMK AO2
T00850078 =

METAR: KT82 311630Z AUTO 19003KT 2 1/2SM BR OVC003 08/08 A3016 RMK AO2
T00800075 =

METAR: KT82 311615Z AUTO 17003KT 1 1/2SM BR OVC003 08/07 A3016 RMK AO2
T00800072 =

METAR: KT82 311555Z AUTO 00000KT 1 1/4SM BR OVC003 08/07 A3016 RMK AO2
T00750068 =

METAR: KT82 311530Z AUTO 00000KT 1 3/4SM BR OVC003 07/07 A3015 RMK AO2
T00740067 =

METAR: KT82 311515Z AUTO 13003KT 2SM BR OVC003 07/07 A3014 RMK AO2
T00730067 =

METAR: KT82 311455Z AUTO 00000KT 2 1/2SM BR OVC003 07/07 A3014 RMK AO2
T00720065 =

METAR: KAQO 311710Z AUTO 13003KT 2SM BR OVC003 11/09 A3019 RMK AO2 =

METAR: KAQO 311650Z AUTO 13004KT 3SM BR BKN004 BKN060 OVC075 10/08 A3020
RMK AO2 =

METAR: KAQO 311630Z AUTO 00000KT 4SM BR OVC004 09/08 A3021 RMK AO2 =

METAR: KAQO 311610Z AUTO 00000KT 10SM OVC003 09/08 A3020 RMK AO2 =

METAR: KAQO 311550Z AUTO 13003KT 4SM BR OVC003 09/08 A3020 RMK AO2 =

METAR: KAQO 311530Z AUTO 11004KT 4SM BR OVC003 08/07 A3019 RMK AO2 =

METAR: KAQO 311510Z AUTO 12005KT 10SM OVC003 08/07 A3019 RMK AO2 =

METAR: KDZB 311715Z AUTO 00000KT 2 1/2SM BR OVC004 09/08 A3018 RMK AO2
T00870084 =

METAR: KDZB 311655Z AUTO 00000KT 2SM BR OVC004 09/08 A3018 RMK AO2
T00870084 =

METAR: KDZB 311635Z AUTO 16004KT 2SM BR OVC004 09/08 A3018 RMK AO2
T00850081 =

METAR: KDZB 311615Z AUTO 13004KT 2 1/2SM BR OVC004 09/08 A3018 RMK AO2
T00850080 =

METAR: KDZB 311555Z AUTO 14003KT 3SM BR OVC004 08/08 A3017 RMK AO2
T00830080 =

METAR: KDZB 311535Z AUTO 13003KT 2SM BR OVC004 08/08 A3017 RMK AO2
T00800077 =

METAR: KDZB 311515Z AUTO 13003KT 2SM DZ OVC004 08/08 A3016 RMK AO2
T00790076 =

METAR: KDZB 311455Z AUTO 00000KT 2SM DZ OVC004 08/08 A3016 RMK AO2
T00780075 =

METAR: SPECI KBMQ 311724Z AUTO 19005KT 2SM BR OVC002 08/08 A3018 RMK AO2
T00830078 =

METAR: SPECI KBMQ 311712Z AUTO 18005KT 1 3/4SM BR OVC003 08/08 A3018 RMK
AO2 T00830083 =

METAR: KBMQ 311653Z AUTO 16004KT 2SM BR OVC004 08/08 A3019 RMK AO2
SLP220 T00830078 =

METAR: SPECI KBMQ 311651Z AUTO 16004KT 2SM BR OVC004 08/08 A3019 RMK AO2
=

METAR: KBMQ 311553Z AUTO 15004KT 3SM BR OVC004 08/07 A3017 RMK AO2
RAE04 SLP215 P0001 T00830072 =

METAR: SPECI KBMQ 311522Z AUTO VRB03KT 3SM BR OVC003 08/07 A3017 RMK
AO2 RAE04 P0001 T00780072 =

METAR: KBMQ 311453Z AUTO 13003KT 2SM -RA BR OVC004 08/07 A3017 RMK AO2
RAB23 SLP214 P0000 60000 T00780067 53009 =

METAR: KRYW 311715Z AUTO 00000KT 3/4SM BR OVC002 09/09 A3017 RMK AO2
T00900090 =

METAR: KRYW 311655Z AUTO 17003KT 1SM BR OVC002 09/09 A3017 RMK AO2
T00860086 =

METAR: KRYW 311635Z AUTO 00000KT 1SM -DZ OVC002 09/09 A3017 RMK AO2
T00850085 =

METAR: KRYW 311615Z AUTO 11003KT 1 1/4SM -DZ OVC002 08/08 A3017 RMK
AO2 T00830083 =

METAR: KRYW 311555Z AUTO 10003KT 1SM DZ OVC002 08/08 A3016 RMK AO2
T00820082 =

METAR: KRYW 311535Z AUTO 00000KT 1/2SM DZ OVC002 08/08 A3016 RMK AO2
T00800080 =

METAR: KRYW 311515Z AUTO 00000KT 1SM DZ OVC002 08/08 A3016 RMK AO2
T00780078 =

METAR: KRYW 311455Z AUTO 07003KT 1/2SM DZ OVC002 08/08 A3015 RMK AO2
T00760076 =

METAR: SPECI KGTU 311648Z 14003KT 4SM BR BKN004 OVC008 08/08 A3019 RMK
AO2 RAB1557E18 CIG003V007 P0000 =

METAR: SPECI KGTU 311606Z 14004KT 4SM -RA BR SCT004 OVC008 08/07 A3019 RMK
AO2 RAB1557 P0000 =

METAR: KGTU 311556Z 15003KT 4SM BR BKN004 OVC008 08/07 A3019 RMK AO2
RAE34 SLP227 P0000 T00780072 =

METAR: SPECI KGTU 311539Z 11003KT 3SM BR OVC004 08/07 A3019 RMK AO2 RAE34
P0000 =

METAR: SPECI KGTU 311517Z 00000KT 2SM -RA BR OVC004 07/07 A3019 RMK AO2
CIG002V006 P0000 =

METAR: KGTU 311456Z 00000KT 1 1/2SM -RA BR OVC004 07/07 A3019 RMK AO2
RAE19B40 SLP225 P0001 60001 T00720067 53012 =

METAR: SPECI KATT 311731Z AUTO 18003KT 10SM SCT023 OVC030 11/08 A3017 RMK
AO2 T01110078 =

METAR: SPECI KATT 311723Z AUTO 14005KT 10SM BKN023 OVC030 11/08 A3017
RMK AO2 T01060078 =

METAR: SPECI KATT 311712Z AUTO 16003KT 10SM SCT025 OVC032 11/08 A3017 RMK
AO2 T01060078 =

METAR: KATT 311651Z AUTO 14007KT 7SM SCT011 SCT024 OVC029 10/07 A3018
RMK AO2 SLP223 T01000072 =

METAR: KATT 311551Z AUTO 00000KT 8SM OVC011 09/07 A3018 RMK AO2 SLP223

T00940072 =

METAR: KHYI 311556Z 02004KT 10SM OVC010 09/07 A3018 RMK AO2 SLP218
T00940072 =

METAR: KHYI 311456Z 02006KT 10SM OVC012 09/07 A3017 RMK AO2 SLP212
T00890067 53008 =

METAR: SPECI KAUS 311633Z 00000KT 8SM -DZ SCT013 BKN025 OVC030 11/07 A3018
RMK AO2 P0000 T01060072 =

METAR: KAUS 311553Z VRB03KT 6SM -DZ BR OVC012 10/07 A3018 RMK AO2 SLP221
P0000 T01000072 =

METAR: KAUS 311453Z 36004KT 5SM -DZ BR OVC012 09/07 A3016 RMK AO2 SLP216
P0000 60000 T00890072 53010 =

METAR: KEDC 311715Z AUTO 00000KT 8SM SCT013 BKN032 BKN037 10/08 A3017
RMK AO2 =

METAR: KEDC 311655Z AUTO 00000KT 8SM OVC013 10/08 A3018 RMK AO2 =

METAR: KEDC 311635Z AUTO 00000KT 8SM OVC011 09/07 A3019 RMK AO2 =

METAR: KEDC 311615Z AUTO 00000KT 9SM OVC011 09/07 A3019 RMK AO2 =

METAR: KEDC 311555Z AUTO 00000KT 8SM OVC011 09/07 A3018 RMK AO2 =

METAR: KEDC 311535Z AUTO 00000KT 7SM OVC011 09/07 A3018 RMK AO2 =

METAR: KEDC 311515Z AUTO 00000KT 8SM OVC011 08/07 A3017 RMK AO2 =

METAR: KEDC 311455Z AUTO 00000KT 6SM BR OVC011 08/07 A3017 RMK AO2 =

METAR: KGYB 311715Z AUTO 12005KT 10SM OVC040 13/10 A3018 RMK AO2
T01250095 =

METAR: KGYB 311655Z AUTO 14006KT 10SM OVC040 12/09 A3019 RMK AO2
T01210091 =

METAR: KGYB 311635Z AUTO 13007KT 10SM SCT012 BKN037 OVC044 12/09 A3018
RMK AO2 T01220090 =

METAR: KGYB 311615Z AUTO 12006KT 10SM SCT010 SCT035 OVC044 12/09 A3018
RMK AO2 T01160085 =

METAR: KGYB 311555Z AUTO 12005KT 10SM BKN010 OVC035 11/08 A3017 RMK
AO2 T01100082 =

METAR: KGYB 311535Z AUTO 11006KT 10SM BKN010 OVC035 11/08 A3017 RMK
AO2 T01050077 =

METAR: KGYB 311515Z AUTO 12005KT 10SM OVC010 10/07 A3017 RMK AO2
T01020074 =

METAR: KGYB 311455Z AUTO 11005KT 10SM OVC012 10/07 A3017 RMK AO2
T00980070 =

METAR: K3T5 311715Z AUTO 12004KT 10SM SCT014 BKN041 OVC046 14/11 A3016
RMK AO2 T01410112 =

METAR: K3T5 311655Z AUTO 13005KT 10SM SCT026 OVC041 14/11 A3016 RMK
AO2 T01390110 =

METAR: K3T5 311635Z AUTO 12007KT 10SM SCT026 OVC041 14/11 A3017 RMK
AO2 T01350108 =

METAR: K3T5 311615Z AUTO 13005KT 10SM SCT012 OVC041 14/11 A3016 RMK
AO2 T01370108 =

METAR: K3T5 311555Z AUTO 12004KT 10SM BKN012 OVC041 14/11 A3015 RMK
AO2 LTG DSNT S T01350107 =

METAR: K3T5 311535Z AUTO 12004KT 10SM OVC012 13/11 A3015 RMK AO2
T01300105 =

METAR: K3T5 311515Z AUTO 11006KT 10SM -RA BKN012 OVC021 13/10 A3014
RMK AO2 T01270104 =

METAR: K3T5 311455Z AUTO 12004KT 10SM OVC012 13/10 A3014 RMK AO2
T01250101 =

METAR: K11R 311715Z AUTO 13007KT 10SM BKN044 OVC050 14/10 A3020 RMK
AO2 T01400101 =

METAR: K11R 311655Z AUTO 12009KT 10SM SCT014 BKN041 OVC050 14/10 A3020
RMK AO2 T01360098 =

METAR: K11R 311635Z AUTO 12007KT 10SM BKN012 OVC050 14/10 A3019 RMK
AO2 T01360098 =

METAR: K11R 311615Z AUTO 12009KT 10SM BKN012 OVC055 13/10 A3019 RMK

AO2 LTG DSNT SE T01340098 =

METAR: K11R 311555Z AUTO 12009KT 10SM OVC012 13/10 A3019 RMK AO2 LTG DSNT S T01300096 =

METAR: K11R 311535Z AUTO 13007KT 10SM OVC012 13/10 A3019 RMK AO2 T01300096 =

METAR: K11R 311515Z AUTO 11007KT 10SM OVC012 12/09 A3019 RMK AO2 T01200091 =

METAR: K11R 311455Z AUTO 12006KT 10SM BKN012 OVC048 12/09 A3018 RMK AO2 T01170088 =

METAR: K66R 311715Z AUTO 11005KT 10SM BKN027 OVC046 15/10 A3019 RMK AO2 T01470100 =

METAR: K66R 311655Z AUTO 11010G14KT 10SM SCT011 BKN044 OVC090 15/10 A3018 RMK AO2 T01500102 =

METAR: K66R 311635Z AUTO 11010G14KT 10SM SCT011 BKN044 OVC090 15/11 A3018 RMK AO2 T01500105 =

METAR: K66R 311615Z AUTO 10008KT 10SM SCT011 BKN043 OVC050 14/10 A3018 RMK AO2 LTG DSNT SE T01410101 =

METAR: K66R 311555Z AUTO 10007KT 10SM BKN011 BKN046 OVC050 13/10 A3018 RMK AO2 LTG DSNT S T01330095 =

METAR: K66R 311535Z AUTO 09005KT 10SM BKN011 OVC048 13/09 A3018 RMK AO2 T01280090 =

METAR: K66R 311515Z AUTO 10008KT 10SM SCT011 BKN048 BKN055 12/09 A3017 RMK AO2 T01230086 =

METAR: K66R 311455Z AUTO 09005KT 10SM OVC048 12/08 A3017 RMK AO2 T01150081 =

METAR: KELA 311715Z AUTO 12008G14KT 10SM OVC048 15/12 A3017 RMK AO2 T01450115 =

METAR: KELA 311655Z AUTO 12010G14KT 10SM OVC050 14/11 A3017 RMK AO2 T01400112 =

METAR: KELA 311635Z AUTO 12008KT 10SM BKN046 OVC055 14/11 A3017 RMK AO2 T01350111 =

METAR: KELA 311615Z AUTO 11008KT 10SM SCT011 OVC048 13/11 A3018 RMK
AO2 LTG DSNT S T01320107 =

METAR: KELA 311555Z AUTO 11010KT 10SM SCT011 BKN048 BKN065 13/11 A3017
RMK AO2 LTG DSNT S T01310107 =

METAR: KELA 311535Z AUTO 12008KT 10SM SCT011 BKN050 BKN120 13/10 A3017
RMK AO2 T01280104 =

METAR: KELA 311515Z AUTO 11009KT 10SM SCT011 OVC050 13/10 A3017 RMK
AO2 T01250102 =

METAR: KELA 311455Z AUTO 10007KT 10SM SCT011 BKN048 BKN100 12/10 A3017
RMK AO2 T01160097 =

METAR: KTME 311715Z AUTO 12010KT 9SM BKN050 OVC055 15/11 A3020 RMK
AO2 =

METAR: KTME 311655Z AUTO 13013KT 9SM BKN050 15/11 A3020 RMK AO2 =

METAR: KTME 311635Z AUTO 13012KT 10SM OVC050 14/11 A3020 RMK AO2 =

METAR: KTME 311615Z AUTO 12009G16KT 9SM BKN050 14/11 A3020 RMK AO2 =

METAR: KTME 311555Z AUTO 12011KT 9SM CLR 14/10 A3020 RMK AO2 =

METAR: KTME 311535Z AUTO 12011KT 8SM CLR 13/10 A3019 RMK AO2 =

METAR: KTME 311515Z AUTO 11008G13KT 8SM FEW070 FEW080 12/09 A3019 RMK
AO2 =

METAR: KTME 311455Z AUTO 10010KT 9SM FEW050 BKN060 BKN070 12/09 A3018
RMK AO2 =

METAR: KMCJ 311715Z AUTO VRB04KT 7SM OVC011 14/11 A3018 RMK A01 =

METAR: KMCJ 311655Z AUTO VRB03G10KT 8SM OVC011 14/10 A3019 RMK A01 =

METAR: KMCJ 311635Z AUTO VRB04KT 8SM OVC010 14/10 A3019 RMK A01 =

METAR: KMCJ 311615Z AUTO VRB05G14KT 7SM OVC009 13/09 A3019 RMK A01 =

METAR: KMCJ 311555Z AUTO VRB06G11KT 6SM HZ OVC009 13/09 A3019 RMK A01 =

METAR: KMCJ 311535Z AUTO VRB06G12KT 350V070 8SM OVC008 12/09 A3018 RMK

A01 =

METAR: KMCJ 311515Z AUTO 06009G14KT 010V180 7SM OVC008 12/08 A3018 RMK
A01 =

METAR: KMCJ 311455Z AUTO 06007KT 9SM OVC008 11/08 A3018 RMK A01 =

METAR: KDWH 311553Z 10008KT 10SM OVC011 11/08 A3020 RMK AO2 SLP225
T01110078 =

METAR: KDWH 311453Z 08008KT 10SM BKN014 OVC045 10/06 A3020 RMK AO2
RAB22E31 SLP225 P0000 60000 T01000061 51007 =

METAR: KIAH 311653Z 11007KT 10SM OVC013 13/09 A3021 RMK AO2 SLP230
T01280089 =

METAR: KIAH 311553Z 10011KT 10SM OVC010 11/07 A3020 RMK AO2 SLP227
T01060072 =

METAR: KIAH 311453Z 09009KT 10SM BKN010 OVC050 09/07 A3020 RMK AO2 SLP229
VCSH N AND W T00940067 51010 =

METAR: KAXH 311715Z AUTO 10007KT 10SM BKN010 OVC055 14/12 A3019 RMK
AO2 T01370115 =

METAR: KAXH 311655Z AUTO 10007KT 10SM BKN010 OVC021 13/11 A3020 RMK
AO2 T01340111 =

METAR: KAXH 311635Z AUTO 10009KT 10SM BKN010 BKN021 OVC055 13/11 A3020
RMK AO2 T01300108 =

METAR: KAXH 311615Z AUTO 11007G14KT 10SM BKN010 OVC055 13/11 A3020 RMK
AO2 LTG DSNT S T01280106 =

METAR: KAXH 311555Z AUTO 09010G14KT 10SM OVC010 12/10 A3021 RMK AO2
LTG DSNT SW T01230103 =

METAR: KAXH 311535Z AUTO 09008KT 10SM OVC010 12/10 A3020 RMK AO2
T01210101 =

METAR: KAXH 311515Z AUTO 09007KT 10SM OVC010 12/10 A3019 RMK AO2 LTG
DSNT S T01160097 =

METAR: KAXH 311455Z AUTO 08009KT 10SM BKN010 OVC050 11/09 A3019 RMK
AO2 T01090091 =

METAR: KHOU 311553Z 09011KT 8SM OVC011 12/09 A3020 RMK AO2 SLP231
T01220094 =

METAR: KHOU 311453Z 08009KT 9SM OVC010 11/08 A3019 RMK AO2 SLP228
T01110078 53013 =

PIREP: UA /OV IAH/TM 1714/FLDURD/TP E175/SK BKN015/RM TOPS AT 2000 =

Forecast Departure Wx:

TAF KERP 311721Z 3118/0118 25007KT P6SM FEW250
FM010300 VRB04KT P6SM FEW080 BKN200
FM011500 23005KT P6SM SCT080 BKN150 =

Forecast Enroute Wx:

TAF KBIF 311403Z 3114/0120 VRB06KT 9999 BKN120 QNH2999INS
BECMG 3117/3118 26012KT 9999 FEW100 QNH3002INS
BECMG 0102/0103 VRB06KT 9999 FEW200 QNH3000INS
BECMG 0117/0118 28012KT 9999 BKN100 QNH3009INS TX19/3121Z TN04/3114Z =

TAF MMCS 311727Z 3118/0118 24010KT P6SM SCT120
BECMG 3120/3121 27012KT
FM010200 27006KT P6SM SCT120
BECMG 0105/0106 00000KT
FM011200 25005KT P6SM BKN100 =

TAF KPEQ 311720Z 3118/0118 24005KT P6SM FEW110 =

TAF KFST 311720Z 3118/0118 VRB06KT P6SM SCT110
FM010300 19009KT P6SM FEW250 =

TAF KSOA 311720Z 3118/0118 18011KT P6SM BKN006
FM311900 19010KT P6SM BKN020
FM312100 20010KT P6SM SCT050
FM010100 18005KT P6SM SKC
FM010800 VRB03KT 2SM BR OVC003 =

TAF KJCT 311720Z 3118/0118 17005KT P6SM OVC007
FM311900 18010KT P6SM BKN020
FM312100 19009KT P6SM SCT040
FM010300 18003KT P6SM BKN020
FM010900 18003KT 3SM BR OVC005 =

TAF KAUS 311720Z 3118/0124 10003KT 6SM -RA OVC015
FM311900 13007KT P6SM VCSH OVC009
FM312200 14007KT 5SM BR OVC007
FM010000 VRB04KT 2SM BR OVC004
FM010900 11004KT 1SM BR OVC003
FM011700 07007KT 4SM BR BKN007 =

TAF KSGR 311720Z 3118/0118 10014KT P6SM VCSH BKN011 OVC040
TEMPO 3120/3124 5SM SHRA BR BKN008
FM010300 10011KT P6SM SCT007 OVC010
TEMPO 0111/0115 3SM BR BKN007
FM011700 10012KT P6SM SCT020 BKN035 =

TAF KIAH 311720Z 3118/0124 12010KT P6SM BKN015 OVC040
FM312000 11013KT P6SM VCSH OVC013
TEMPO 3120/3124 5SM SHRA BR BKN009
FM010300 11011KT P6SM SCT007 OVC012
TEMPO 0111/0115 3SM BR BKN007
FM011700 10012KT P6SM SCT020 BKN035
FM012100 10011KT P6SM SCT040 BKN070 =

TAF KHOU 311720Z 3118/0118 10014KT P6SM OVC011
FM312000 11014KT P6SM VCSH OVC010
TEMPO 3120/3124 5SM SHRA BR BKN008
FM010300 10011KT P6SM SCT007 OVC010
TEMPO 0111/0115 3SM BR BKN007
FM011700 10012KT P6SM SCT020 BKN035 =

Area Forecast:

FAGX20 KPCI 311336 AAA

OFAGX

SYNOPSIS VALID TIL 011100Z

FCST...311100Z-312300Z

OTLK...312300Z-011100Z

.

INTERNATIONAL OPERATIONS BRANCH

AVIATION WEATHER CENTER KANSAS CITY MISSOURI

.

CSTL WATERS FROM COASTLINE OUT TO HOUSTON OCEANIC FIR AND GLFMEX
MIAMI OCEANIC FIR AND W OF 85W. HOUSTON OCEANIC FIR AND MIAMI
OCEANIC FIR.

.

ALL WND SFC. TS IMPLY SEV OR GTR TURB SEV ICE LLWS AND IFR
CONDS.

.

SHRA OFF CST OF SRN TX SPREAD TO WRN LA DURING THE FCST PD

...THEN ACROSS THE REST OF THE CSTL WTRS DURING THE OTLK PD.
SHRA ALSO DVLP OVER NWRN QTR OF HOUSTON OCEANIC FIR. BRISK TO
STG SELY WINDS DVLP OVER MUCH OF WRN HALF OF GLFMEX...AS LOW
PRES FORMS OVER SWRN PTN OF HOUSTON OCEANIC FIR AND WRMFT DVLPS
EAST OF THE LOW.

.
02 SIGNIFICANT CLD/WX...AMD...

.
CSTL WTRS...UPDT...

BRO-PSX...SCT008. BKN015 OVC060. OCNL BKN008. TOP FL250.

VIS OCNL 3-5SM SHRA BR. SCT SHRA. WDLY SCT TSRA. CB TOP FL400.

WND SE 20KT. OTLK...IFR CIG SHRA TSRA WND.

PSX-GLS...SCT015 BKN-OVC050. OCNL BKN015. TOP FL250.

WDLY SCT SHRA. ISOL TSRA. CB TOP FL400. WND ELY 20KT.

BECMG 1719 BKN015 OVC050. OCNL OVC015. TOP FL250. VIS OCNL
3-5SM SHRA BR. SCT SHRA. ISOL TSRA. CB TOP FL400. OTLK...IFR
SHRA TSRA BR.

GLS-LFT...SCT015 BKN-OVC060. OCNL BKN015. TOP FL240. ISOL SHRA.

WND ELY 20KT. BECMG 1820 BKN015 OVC060. OCNL SCT015 BKN060.

TOP FL250. WDLY SCT SHRA. OTLK...MVFR CIG SHRA BR WND BECMG
0608 IFR CIG SHRA BR WND.

LFT-LEV...SCT020 BKN050. OCNL BKN020. TOP FL180. ISOL SHRA.

WND ELY 20KT. OTLK...VFR SHRA WND BECMG 0608 MVFR CIG SHRA WND.

LEV-AAF...

N OF 29N...SCT040 SCT100. OCNL BKN040. TOP 150. OTLK...VFR.

S OF 29N...BKN040 OVC060. TOP FL240. ISOL SHRA. WND ELY 20KT.

BECMG 1820 SCT025 OVC040. OCNL BKN025. TOP FL240. ISOL SHRA.
WND ELY 20KT. OTLK...MVFR CIG SHRA WND.

.
HOUSTON OCEANIC FIR...GLFMEX MIAMI OCEANIC FIR...UPDT...

W OF 92W...SCT020 BKN-OVC050. OCNL BKN020. TOP FL250.

SCT SHRA. WDLY SCT TSRA. CB TOP FL400. WND ELY 20G30KT.

OTLK...MVFR CIG SHRA TSRA BR WND BECMG 0608 IFR CIG SHRA TSRA
BR WND.

E OF 92W...SCT025 BKN050. OCNL BKN025 OVC050. TOP FL240.

WDLY SCT SHRA. ISOL TSRA. CB TOP FL400. W OF 88W...WND ELY
20KT. OTLK...MVFR CIG SHRA TSRA WND.

.
03 ICE AND FRZLVL...

CSTL WTRS...SEE AIRMETS ZULU WAUS42 KPCI AND WAUS44 KPCI.

HOUSTON OCEANIC FIR...NO SGFNT ICE EXP OUTSIDE CNVTV ACT.

GLFMEX MIAMI OCEANIC FIR...NO SGFNT ICE EXP OUTSIDE CNVTV ACT.

FRZLVL...080 N CNTRL TO 120 S...BECMG 100 NE TO 125 S.

.
04 TURB...

CSTL WTRS...SEE AIRMETS TANGO WAUS42 KPCI AND WAUS44 KPCI.

HOUSTON OCEANIC FIR...NO SGFNT TURB EXP OUTSIDE CNVTV ACT.
GLFMEX MIAMI OCEANIC FIR...NO SGFNT TURB EXP OUTSIDE CNVTV ACT.

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Cloud Coverage:

Cloud Coverage - Southwest 1800z

Cloud Coverage - Southwest 2100z

Cloud Coverage - Southwest 0000z

Cloud Coverage - Southcentral 1800z

Cloud Coverage - Southcentral 2100z

Cloud Coverage - Southcentral 0000z

Cloud Coverage - CONUS 1800z

Cloud Coverage - CONUS 2100z

Cloud Coverage - CONUS 0000z

Visibility, Surface Winds & Precipitation:

Vis, Sfc Winds & Precip - Southwest 1800z

Vis, Sfc Winds & Precip - Southwest 2100z

Vis, Sfc Winds & Precip - Southwest 0000z

Vis, Sfc Winds & Precip - Southcentral 1800z

Vis, Sfc Winds & Precip - Southcentral 2100z

Vis, Sfc Winds & Precip - Southcentral 0000z

Vis, Sfc Winds & Precip - CONUS 1800z

Vis, Sfc Winds & Precip - CONUS 2100z

Vis, Sfc Winds & Precip - CONUS 0000z

Forecast Destination Wx:

KIWS no TAF station within 5nm.

Winds Aloft: ELP 2019-01-31 14:00Z-21:00Z

6000 280/18

7500 280/17

9000 280/17/2
9500 280/17/0
11500 280/17/-3
12000 280/17/-5
13500 295/15/-8
18000 340/11/-17
24000 350/14/-29
30000 310/33/-45
34000 310/41/-55
39000 310/37/-59
45000 290/35/-59
53000 280/38/-65

MRF 2019-01-31 14:00Z-21:00Z

9000 290/11/3
9500 285/11/1
11500 265/14/-3
12000 260/15/-5
13500 262/16/-8
18000 270/19/-18
24000 270/26/-30
30000 280/44/-45
34000 280/45/-54
39000 290/41/-57

INK 2019-01-31 14:00Z-21:00Z

6000 280/18/10
7500 280/17/6
9000 280/17/2
9500 280/17/0
11500 280/21/-3
12000 280/22/-5
13500 282/20/-8
18000 290/16/-18
24000 290/13/-31
30000 290/19/-47
34000 300/26/-54
39000 300/29/-58
45000 270/41/-58
53000 270/44/-65

DRT 2019-01-31 14:00Z-21:00Z

3000 190/16
5500 198/9
6000 200/8/9
7500 240/10/6
9000 280/12/4
9500 275/13/2
11500 255/18/-2

12000 250/20/-4
13500 252/21/-7
18000 260/27/-19
24000 270/27/-30
30000 280/28/-46
34000 290/32/-54
39000 270/44/-55
45000 260/58/-56
53000 260/49/-67

CLL 2019-01-31 14:00Z-21:00Z

3000 180/27
5500 238/22
6000 250/22/6
7500 245/23/3
9000 240/24/1
9500 238/24/0
11500 231/24/-4
12000 230/25/-6
13500 237/27/-9
18000 260/36/-18
24000 260/41/-30
30000 260/45/-46
34000 260/47/-56
39000 260/53/-56

PSX 2019-01-31 14:00Z-21:00Z

3000 140/29
5500 206/12
6000 220/9/8
7500 220/18/5
9000 220/27/3
9500 223/27/2
11500 236/29/-2
12000 240/30/-3
13500 242/32/-6
18000 250/41/-18
24000 260/48/-29
30000 250/68/-45
34000 250/73/-55
39000 250/71/-55

HOU 2019-01-31 14:00Z-21:00Z

3000 160/28
5500 235/8
6000 250/5/6
7500 250/21/4
9000 250/37/2
9500 248/36/1

11500 241/33/-3
12000 240/33/-4
13500 245/35/-7
18000 260/41/-18
24000 260/45/-29
30000 260/59/-45
34000 260/68/-55
39000 250/68/-56
45000 250/75/-56
53000 260/64/-68

ELP 2018-12-31 21:00Z-06:00Z

6000 250/7
7500 265/8
9000 280/10/3
9500 280/10/1
11500 280/14/-2
12000 280/15/-4
13500 282/14/-6
18000 290/13/-15
24000 290/27/-28
30000 300/49/-45
34000 300/40/-55
39000 290/44/-61
45000 290/39/-60
53000 320/30/-63

MRF 2018-12-31 21:00Z-06:00Z

9000 280/7/4
9500 280/7/2
11500 280/7/-2
12000 280/8/-4
13500 285/11/-7
18000 300/23/-16
24000 320/32/-27
30000 310/44/-45
34000 300/43/-54
39000 290/47/-59

INK 2018-12-31 21:00Z-06:00Z

6000 270/9/11
7500 275/13/7
9000 280/18/3
9500 280/18/1
11500 280/20/-2
12000 280/21/-4
13500 295/18/-7
18000 340/11/-16
24000 320/18/-29

30000 310/31/-47
34000 300/31/-55
39000 300/28/-58
45000 290/39/-59
53000 300/33/-64

DRT 2018-12-31 21:00Z-06:00Z

3000 190/10
5500 298/6
6000 320/6/11
7500 295/8/7
9000 270/10/4
9500 270/11/2
11500 270/17/-1
12000 270/19/-3
13500 270/20/-6
18000 270/24/-18
24000 280/35/-29
30000 280/49/-44
34000 280/47/-53
39000 270/43/-57
45000 270/52/-59
53000 270/49/-66

CLL 2018-12-31 21:00Z-06:00Z

3000 160/28
5500 235/15
6000 250/13/7
7500 265/18/4
9000 280/24/2
9500 280/24/1
11500 280/26/-3
12000 280/27/-4
13500 275/29/-7
18000 260/35/-17
24000 240/34/-28
30000 220/32/-45
34000 220/31/-55
39000 240/44/-59

PSX 2018-12-31 21:00Z-06:00Z

3000 080/5
5500 121/5
6000 130/5/8
7500 145/10/5
9000 160/16/3
9500 163/16/2
11500 176/19/0
12000 180/20/-1

13500 190/21/-4
18000 220/27/-15
24000 210/32/-26
30000 190/34/-44
34000 200/32/-54
39000 240/48/-59

HOU 2018-12-31 21:00Z-06:00Z

3000 150/23
5500 225/8
6000 240/6/8
7500 260/16/5
9000 280/26/2
9500 281/26/1
11500 288/27/-3
12000 290/28/-4
13500 285/31/-7
18000 270/42/-17
24000 230/46/-27
30000 200/65/-43
34000 210/70/-54
39000 240/70/-59
45000 260/78/-58
53000 260/60/-66

ELP 2019-01-01 06:00Z-18:00Z

6000 300/13
7500 280/11
9000 260/10/2
9500 255/11/0
11500 235/15/-3
12000 230/17/-5
13500 230/20/-8
18000 230/30/-17
24000 230/33/-30
30000 250/38/-47
34000 260/49/-52
39000 270/46/-52
45000 300/42/-54
53000 340/36/-65

MRF 2019-01-01 06:00Z-18:00Z

9000 270/6/4
9500 270/7/2
11500 270/12/-2
12000 270/14/-4
13500 267/18/-6
18000 260/32/-14
24000 260/30/-29

30000 270/55/-45

34000 270/75/-53

39000 280/68/-58

INK 2019-01-01 06:00Z-18:00Z

6000 250/9/11

7500 260/10/7

9000 270/11/3

9500 270/12/1

11500 270/16/-2

12000 270/17/-4

13500 265/17/-6

18000 250/19/-15

24000 260/24/-29

30000 250/24/-46

34000 260/37/-55

39000 280/43/-55

45000 290/35/-56

53000 330/33/-65

DRT 2019-01-01 06:00Z-18:00Z

3000 160/12

6000 999/0/11

7500 999/0/7

9000 999/0/4

12000 290/13/-3

13500 287/16/-5

18000 280/25/-14

24000 280/33/-27

30000 280/52/-44

34000 280/74/-53

39000 280/71/-60

45000 280/49/-61

53000 300/28/-65

CLL 2019-01-01 06:00Z-18:00Z

3000 250/7

5500 216/12

6000 210/14/7

7500 230/10/4

9000 250/6/2

9500 255/7/1

11500 275/11/-3

12000 280/12/-4

13500 277/13/-7

18000 270/16/-18

24000 300/17/-30

30000 290/28/-46

34000 280/34/-52

39000 280/34/-57
PSX 2019-01-01 06:00Z-18:00Z
3000 130/17
5500 188/9
6000 200/8/8
9000 999/0/4
12000 280/10/-2
13500 275/14/-5
18000 260/27/-17
24000 270/44/-28
30000 280/62/-44
34000 280/59/-53
39000 280/56/-58

HOU 2019-01-01 06:00Z-18:00Z
3000 999/0
6000 100/6/7
7500 175/7/4
9000 250/8/2
9500 255/8/1
11500 275/10/-2
12000 280/11/-3
13500 275/14/-6
18000 260/23/-18
24000 250/34/-30
30000 260/43/-45
34000 260/43/-53
39000 270/44/-57
45000 270/44/-59
53000 270/43/-65

NOTAM List:

ELP 09/064 KELP AD AP RVR ALL OUT OF SERVICE 1810011400-1902282359

ELP 01/037 KELP RWY 26L PAPI OUT OF SERVICE 1901311530-1901312359

ELP 01/036 KELP RWY 08R PAPI OUT OF SERVICE 1901311530-1901312359

ELP 09/065 KELP RWY 04/22 CLSD 1810011400-1902280659

ELP 09/061 KELP RWY 22 ALS OUT OF SERVICE 1810011400-1902282359

ELP 09/060 KELP RWY 04 PAPI OUT OF SERVICE 1810011400-1902282359

ELP 09/059 KELP RWY 22 PAPI OUT OF SERVICE 1810011400-1902282359

ELP 09/058 KELP RWY 04 RWY END ID LGT OUT OF SERVICE 1810011400-1902282359

ELP 09/063 KELP NAV ILS RWY 22 OUT OF SERVICE 1810011400-1902282359

ELP 09/062 KELP NAV ILS RWY 04 LOC/DME OUT OF SERVICE
1810011400-1902282359

ELP 01/039 KELP TWY D BTN RWY 04/22 AND TERMINAL RAMP WIP CONST
EQUIPMENT AND PERSONNEL IN THE VICINITY LGTD AND BARRICADED
1901311500-1901312200

ELP 01/035 KELP TWY J BTN TWY Q AND TWY R WIP IN TWY OBJECT FREE AREA
1901302035-1902280100

ELP 01/023 KELP TWY J APCH AREA HLDG PSN SIGN FOR APCH END RWY 08R
LGT U/S 1901270533-1902020659

ELP 11/017 KELP TWY M BTN APCH END RWY 08R AND TWY K CLSD
1811130701-1905020559

ELP 09/069 KELP TWY M, N, Q, R, K1 BTN RWY 04/22 AND TWY J CLSD
1810011400-1902280659

ELP 09/068 KELP TWY F, G BTN RWY 4/22 AND APCH END RWY 08R CLSD
1810011400-1902280659

ELP 09/067 KELP TWY A, D, H, P CLSD 1810011400-1902280659

ELP 09/066 KELP TWY K2 BTN APCH END RWY 22 AND TWY J CLSD
1809281528-1903081200

ELP 06/028 KELP TWY K BTN TWY M AND TWY R CLSD 1806132011-PERM

FDC 9/6921 KELP IAP EL PASO INTL, El Paso, TX. RNAV (RNP) Y RWY 4, ORIG-E...
RNAV (RNP) Z RWY 4, ORIG-D... RNP 0.20 DA 4259/ HAT 342, VISIBILITY RVR 5500
ALL CATS. RNP 0.30 DA 4325/HAT 408, VISIBILITY 1 1/8 ALL CATS. 25 JAN 17:10 2019
UNTIL 25 JAN 17:09 2021 ESTIMATED. CREATED: 25 JAN 17:10 2019

FDC 8/2098 KELP IAP U.S. DOD EL PASO INTL, El Paso, TX. HI VOR/DME OR TACAN
RWY 26L, AMDT 4... CIRCLING CAT E MDA 4700/HAA 738. TOWER, 4336 MSL, 5.35
NM EAST OF KELP, 48-034996. 17 DEC 20:31 2018 UNTIL 17 DEC 20:31 2020
ESTIMATED. CREATED: 17 DEC 20:32 2018

FDC 8/2096 KELP IAP EL PASO INTL, El Paso, TX. ILS OR LOC RWY 22, AMDT 32C...

RADAR 1, AMDT 15A... VOR RWY 26L, AMDT 32A... CIRCLING CAT E MDA 4700/HAA 738. TOWER, 4336 MSL, 5.35 NM EAST OF KELP, 48-034996. 17 DEC 20:31 2018 UNTIL 17 DEC 20:30 2020 ESTIMATED. CREATED: 17 DEC 20:31 2018

ELP 01/032 KELP OBST TOWER LGT (ASR 1028001) 314625.70N1062418.90W (2.5NM SW ELP) 4124.0FT (357.6FT AGL) OUT OF SERVICE 1901291816-1903312359

KBIF M0014/19 KBIF 0900-2300L, 31 JAN - 1 FEB 2019 UAS OPERATIONS IN CLASS G AIRSPACE SFC - 1500 FT. AGL IVO TA-2D, CORNERS ARE; 13S CR 90503400, 13S CR 95503400, 13S CR90502900, & 13S CR 95502900. 31 JAN 16:00 2019 UNTIL 02 FEB 06:00 2019. CREATED: 30 JAN 17:12 2019

KUSA V0001/19 KBIF [US DOD PROCEDURAL NOTAM] IFR TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES CHANGED ... RWY 3 AND RWY 21 NOT AUTHORIZED. STANDARD MINIMUMS APPLY. THIS NOTAM DOES NOT APPLY TO MISSED APPROACH PROCEDURES. 04 JAN 00:01 2019 UNTIL 25 APR 23:59 2019. CREATED: 03 JAN 06:32 2019

KBIF M0289/18 KBIF AERODROME :EXTENSIVE UNMANNED AIRCRAFT SYSTEM (UAS) AND ROTARY WING CROSSING VFR CORRIDOR FROM EWM345008 TO BWS179025 SURFACE TO 7,000 MSL, AND EXTENSIVE UAS ACTIVITY EWM030010 5NM RADIUS, SFC TO 10,000 MSL. 17 DEC 15:37 2018 UNTIL 15 MAR 06:59 2019. CREATED: 17 DEC 15:37 2018

KUSA V0192/18 KBIF [US DOD PROCEDURAL NOTAM] INSTRUMENT APPROACH PROCEDURE NOT AUTHORIZED RADAR 1, AMDT 6A ...ASR/CIR RWY 21 PROCEDURE NOT AUTHORIZED. 14 NOV 21:10 2018 UNTIL 28 FEB 23:59 2019. CREATED: 14 NOV 21:10 2018

ELP 11/025 KELP OBST TOWER LGT (ASR 1051409) 314818.40N1062859.50W (5.5NM W ELP) 6009.8FT (379.9FT AGL) OUT OF SERVICE 1811192242-1902170500

MMMX A7725/18 MMCS CHANGED JET FUEL TURBOSINE TO JET A. 13 DEC 16:25 2018 UNTIL 13 MAY 16:00 2019. CREATED: 13 DEC 16:26 2018

ABQ 01/204 KE35 OBST TOWER LGT (ASR 1048989) 313842.00N1054454.00W (21.9NM ENE E35) 5478.0FT (248.0FT AGL) OUT OF SERVICE 1901222357-1902082359

SUAC 01/792 KZFW AIRSPACE AR113(W) ACT FL190-FL230 1901311800-1901312030

SUAC 01/791 KZAB AIRSPACE AR113(W) ACT FL190-FL230 1901311800-1901312030

SUAC 01/789 KZHU AIRSPACE AR113(W) ACT FL190-FL230 1901311800-1901312030

PEQ 01/013 KPEQ OBST TOWER LGT (ASN 2018-ASW-5089-OE) 311824N1033258W (4.9NM SSW PEQ) 2890FT (254FT AGL) OUT OF SERVICE 1901271033-1902112144

PEQ 01/011 KPEQ AD AP BIRD ACT INCREASED E SIDE 1901242238-1902282359

FDC 9/5090 KPEQ IAP PECOS MUNI, Pecos, TX. RNAV (GPS) RWY 32, ORIG-B...
LNAV/VNAV DA 3105/HAT 500 ALL CATS. VIS 1 3/8 ALL CATS. LNAV MDA 3060/HAT
452 ALL CATS. VIS CAT C/D 1 3/8. CIRCLING CAT A/B MDA 3120/HAA507. DRILLING
RIGS: 2811 MSL, 1.22 NM SW APCH END RWY 32 (2018-ASW-14726-OE), 2814 MSL,
1.40 NM SW APCH END OF RWY 32 (2018-14720-OE), TEMPORARY DRILLING RIG,
2804FT MSL, 1.43NM SOUTH OF APCH END RWY 32 (2018-ASW-13547-OE). 18 JAN
19:40 2019 UNTIL 30 AUG 19:40 2019 ESTIMATED. CREATED: 18 JAN 19:40 2019

FDC 9/5017 KPEQ IAP PECOS MUNI, Pecos, TX. RNAV (GPS) RWY 14, ORIG-A...
LNAV/VNAV DA 2966/HAT 358 ALL CATS. VIS 1 1/4 ALL CATS. LNAV MDA 3060/HAT
452 ALL CATS. VIS CAT C/D 1 3/8. VDP 1.29 NM TO RW14. TEMPORARY RIG, 2805FT
MSL, 2948FT WEST OF APCH END RWY 14 (2018-ASW-6666-OE), TEMPORARY RIG,
2805FT MSL, 2977FT WEST OF APCH END RWY 14 (2018-ASW-6663-OE). 21 JAN 12:00
2019 UNTIL 05 MAR 13:20 2019 ESTIMATED. CREATED: 18 JAN 13:21 2019

FDC 9/4102 KPEQ ODP PECOS MUNI, Pecos, TX. TAKEOFF MINIMUMS AND
(OBSTACLE) DEPARTURE PROCEDURES ORIG... TAKE-OFF MINIMUMS RWY 09,
300-1 OR STANDARD WITH MINIMUM CLIMB OF 412FT PER NM TO 2900. NOTE:
DRILLING RIG, 4202FT FROM DEPARTURE END OF RWY, 737FT LEFT OF
CENTERLINE, 175FT AGL/2764FT MSL (2017-ASW-13818-OE). ALL OTHER DATA
REMAINS AS PUBLISHED. 15 JAN 12:14 2019 UNTIL 27 AUG 12:14 2019 ESTIMATED.
CREATED: 15 JAN 12:15 2019

FST 01/011 KFST OBST TOWER LGT (ASR 1246765) 305629.90N1031913.20W (21.2NM W
FST) 3377.0FT (305.1FT AGL) OUT OF SERVICE 1901220712-1902051300

FST 01/009 KFST OBST TOWER LGT (ASR 1291434) 305948.60N1031003.60W (14.1NM
WNW FST) 3235.6FT (304.8FT AGL) OUT OF SERVICE 1901160322-1902150322

SJT 01/036 KE01 RWY 12/30 REDL OUT OF SERVICE 1901022306-1902022359

SJT 10/123 KE01 TWY ALL IRREGULAR SFC 1610121820-1910121819

FST 03/003 KFST NAV VOR GND REC CHECKPOINT OUT OF SERVICE
1803121726-PERM

FST 05/004 KFST COM REMOTE COM OUTLET 122.2 COMMISSIONED
1805111645-PERM

FST 01/010 KFST OBST TOWER LGT (ASN 2017-ASW-567-OE) 305556N1025334W
(1.5NM NE FST) 3161FT (252FT AGL) OUT OF SERVICE 1901190139-1902030139

ABQ 01/003 KZAB OBST WIND TURBINE FARM WI AN AREA DEFINED AS 3NM

RADIUS OF 304826N1022120W (23.75NM NNE E48) 3561FT (415FT AGL) NOT LGTD
1901010816-1906302359

CXO 01/385 KZHU OBST WIND TURBINE FARM WI AN AREA DEFINED AS 5.38NM
RADIUS OF 311409N1021104W (46.9NM NE FST) 3513FT (400FT AGL) NOT LGTD
1901280228-1902272359EST

SJT 01/231 KE48 OBST TOWER LGT (ASR 1052403) 311325.80N1021327.60W (5.9NM NE
E48) 3620.1FT (498.0FT AGL) OUT OF SERVICE 1901231534-1905182359

CXO 01/191 KZHU OBST WIND TURBINE FARM WI AN AREA DEFINED AS 2.39NM
RADIUS OF 305628N1021143W (42.5NM E FST) 2839FT (400FT AGL) NOT LGTD
1901141238-1902141237EST

SJT 01/191 KE48 OBST TOWER LGT (ASR 1024014) 305503.00N1021211.00W (12.4NM S
E48) 3483.9FT (419.9FT AGL) OUT OF SERVICE 1901190604-1902180604

SJT 01/155 K2F0 OBST TOWER LGT (ASR 1047544) 305034.00N1021134.00W (16.2NM
WSW 2F0) 3290.0FT (520.0FT AGL) OUT OF SERVICE 1901160046-1902162359

SJT 01/026 K49F OBST TOWER LGT (ASR 1062795) 311419.50N1015633.50W
(0.9NM NE 49F) 2971.1FT (286.1FT AGL) OUT OF SERVICE
1901021643-1904062359

SJT 01/075 K2F0 OBST TOWER LGT (ASR 1277237) 305504.90N1015437.40W (1.3NM NW
2F0) 2353.0FT (97.1FT AGL) OUT OF SERVICE 1901071402-1902072300

SJT 01/212 K2F0 OBST TOWER LGT (ASR 1247295) 304520.90N1015424.20W (9.0NM S
2F0) 2554.1FT (306.1FT AGL) OUT OF SERVICE 1901220531-1902060431

SJT 01/246 KOZA OBST TOWER LGT (ASR 1246770) 304056.70N1012002.30W (7.5NM
WSW OZA) 2682.7FT (306.1FT AGL) OUT OF SERVICE 1901260642-1902100542

SJT 01/243 KE41 OBST TOWER LGT (ASR 1252974) 310752.20N1011041.20W (15.9NM
ESE E41) 2916.0FT (330.1FT AGL) OUT OF SERVICE 1901251358-1901312359

SJT 01/290 KOZA OBST TOWER LGT (ASR 1049941) 304332.00N1010716.00W (4.3NM E
OZA) 2818.2FT (318.2FT AGL) OUT OF SERVICE 1901301515-1904302359

SJT 01/170 KOZA OBST TOWER LGT (ASR 1049663) 304208.00N1010539.00W (6.0NM
ESE OZA) 2980.0FT (500.0FT AGL) OUT OF SERVICE 1901171405-1902142359

SOA 01/003 KSOA RWY 18/36 REDL OUT OF SERVICE 1901081550-1901312359

SOA 09/006 KSOA NAV NDB OUT OF SERVICE 1809260053-1908141800EST

SOA 01/008 KSOA OBST TOWER LGT (ASR 1046997) 303112.10N1001450.10W (21.3NM E SOA) 2602.0FT (247.0FT AGL) OUT OF SERVICE 1901290545-1902130445

JCT 01/020 KJCT OBST TOWER LGT (ASR 1059413) 302932.00N1000204.00W (14.2NM W JCT) 2649.6FT (614.8FT AGL) OUT OF SERVICE 1901280631-1902120531

SJT 01/223 KT50 OBST TOWER LGT (ASR 1218943) 305106.60N0994555.70W (5.3NM SSE T50) 2676.2FT (457.0FT AGL) OUT OF SERVICE 1901230814-1902070714

JCT 01/023 KJCT NAV VOR 070-101 BEYOND 30NM UNUSABLE
1901311327-1903312111EST

JCT 01/022 KJCT NAV VOR 070-101 BEYOND 15NM SFC-4900FT UNUSABLE
1901311326-1903312111EST

JCT 01/005 KJCT OBST TOWER LGT (ASR 1295473) 302534.30N0993938.60W (7.3NM SE JCT) 2332.7FT (329.7FT AGL) OUT OF SERVICE 1901040500-1902030500

JCT 01/021 KJCT OBST TOWER LGT (ASR 1239381) 302035.20N0993518.30W (13.5NM SE JCT) 2615.8FT (485.9FT AGL) OUT OF SERVICE 1901300340-1902140240

JCT 01/017 KJCT OBST TOWER LGT (ASR 1239380) 301512.50N0992801.20W (21.8NM SE JCT) 2746.1FT (500.0FT AGL) OUT OF SERVICE 1901230843-1902071400

SJT 01/187 KT92 OBST TOWER LGT (ASR 1303110) 304636.10N0991755.40W (6.5NM WNW T92) 2078FT (350FT AGL) OUT OF SERVICE 1901182237-1902172359

T82 01/016 KT82 OBST TOWER LGT (ASR 1266816) 301958.40N0992022.20W (23.1NM WNW T82) 2636.2FT (375.0FT AGL) OUT OF SERVICE 1901230747-1902070647

T82 01/023 KT82 OBST TOWER LGT (ASR 1233003) 301719.00N0991611.00W (19.0NM W T82) 2458.0FT (309.1FT AGL) OUT OF SERVICE 1901300704-1902140604

SUAC 01/822 KZHU AIRSPACE AR614 ACT FL250-FL270 1901312045-1901312245

ERV 01/014 KERV OBST TOWER LGT (ASR 1053201) 300851.00N0990936.00W (10.9NM NNW ERV) 2357.6FT (297.9FT AGL) OUT OF SERVICE 1901270841-1902282359

T82 01/017 KT82 OBST TOWER LGT (ASR 1046991) 301455.50N0990623.00W (10.3NM W T82) 2191.6FT (384.8FT AGL) OUT OF SERVICE 1901230753-1902070653

AQO 04/011 LLO NAV TACAN AZM OUT OF SERVICE 1804291134-PERM

T82 01/021 KT82 OBST TOWER LGT (ASR 1031564) 301644.00N0985404.00W (2.2NM NE T82) 2185.0FT (225.1FT AGL) OUT OF SERVICE 1901280057-1902272359

FDC 9/7292 KT82 IAP GILLESPIE COUNTY, Fredericksburg, TX. RNAV (GPS) RWY 14, AMDT 1B... DESCENT ANGLE 3.00/TCH 43 NA. PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. 28 JAN 17:01 2019 UNTIL 28 JAN 17:01 2021 ESTIMATED. CREATED: 28 JAN 17:01 2019

FDC 9/1084 KT82 IAP GILLESPIE COUNTY, Fredericksburg, TX. RNAV (GPS) RWY 32, AMDT 1C... ADD NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE 3.00/TCH 37.4). 03 JAN 20:43 2019 UNTIL 03 JAN 20:42 2021 ESTIMATED. CREATED: 03 JAN 20:43 2019

T82 12/016 KT82 OBST TOWER LGT (ASR 1205609) 301559.50N0985335.10W (1.6NM NNE T82) 2027.9FT (254.9FT AGL) OUT OF SERVICE 1812180007-1903170500

T82 01/018 KT82 OBST TOWER LGT (ASR 1216133) 301815.00N0985153.00W (4.3NM NNE T82) 2330.1FT (345.1FT AGL) OUT OF SERVICE 1901230818-1902070718

T82 01/009 KT82 OBST TOWER LGT (ASR 1053205) 302126.00N0984615.00W (9.9NM NE T82) 2444.9FT (419.9FT AGL) OUT OF SERVICE 1901111402-1902112359

T82 01/019 KT82 OBST TOWER LGT (ASR 1248648) 301315.50N0984752.70W (6.0NM ESE T82) 1850.7FT (257.9FT AGL) OUT OF SERVICE 1901260656-1902091300

T82 01/013 KT82 OBST TOWER LGT (ASR 1208848) 301309.50N0984533.60W (8.0NM E T82) 1856.0FT (306.1FT AGL) OUT OF SERVICE 1901200638-1902040538

SJT 01/296 K2KL OBST TOWER LGT (ASR 1215489) 303639.40N0982711.40W (2.4NM WNW 2KL) 1296.9FT (270.0FT AGL) OUT OF SERVICE 1901310047-1903020047

T82 01/004 KT82 OBST TOWER LGT (ASR 1215535) 301442.10N0983300.30W (18.8NM E T82) 1780.8FT (270.0FT AGL) OUT OF SERVICE 1901081014-1902071014

BMQ 01/008 KBMQ OBST TOWER LGT (ASR 1218953) 304508.20N0982323.20W (7.9NM W BMQ) 1461.9FT (500.0FT AGL) OUT OF SERVICE 1901310550-1902150450

SJT 01/258 K2KL OBST TOWER LGT (ASR 1049857) 303900.00N0982444.00W (3.0NM N 2KL) 1488.8FT (419.0FT AGL) OUT OF SERVICE 1901280645-1902121400

BMQ 01/007 KBMQ OBST TOWER LGT (ASR 1212497) 304525.90N0981116.80W (2.9NM ENE BMQ) 1806.1FT (326.1FT AGL) OUT OF SERVICE 1901280636-1902120536

BMQ 01/006 KBMQ OBST TOWER LGT (ASR 1027045) 304457.30N0981113.60W (2.7NM ENE BMQ) 1806.8FT (319.9FT AGL) OUT OF SERVICE 1901250413-1902240413

SJT 01/206 K88R OBST TOWER LGT (ASR 1285358) 303112.00N0980525.10W (3.2NM NNE 88R) 1361.5FT (309.7FT AGL) OUT OF SERVICE 1901212023-1902051923

SJT 01/293 K3R9 OBST TOWER LGT (ASR 1220249) 302148.70N0980356.30W (3.7NM W 3R9) 1353.3FT (355.0FT AGL) OUT OF SERVICE 1901302036-1903012036

RYW 01/007 KRYW OBST TOWER LGT (ASR 1288590) 303505.50N0975823.80W (5.1NM N RYW) 1289.7FT (309.7FT AGL) OUT OF SERVICE 1901230824-1902070724

RYW 01/006 KRYW OBST TOWER LGT (ASR 1048737) 303657.60N0975655.30W (7.1NM NE RYW) 1462.9FT (362.9FT AGL) OUT OF SERVICE 1901230458-1902070457

RYW 12/006 KRYW OBST TOWER 86-ASW-1623-OE 302615N0975703W (4.2NM S RYW) 1058FT (826FT AGL) NOT LGTD 1812191235-1902192359

SJT 01/250 K3R9 OBST TOWER LGT (ASR 1211090) 302038.10N0975753.70W (1.7NM ESE 3R9) 1038.7FT (174.9FT AGL) OUT OF SERVICE 1901270418-1904260500

GTU 01/005 KGTU OBST TOWER LGT (ASR 1227828) 304027.00N0974842.00W (6.9NM W GTU) 1337.9FT (257.9FT AGL) OUT OF SERVICE 1901160949-1904160500

HYI 01/010 KHYI OBST TOWER LGT (ASR 1294331) 295823.40N0975934.90W (8.3NM NW HYI) 1273.6FT (256.9FT AGL) OUT OF SERVICE 1901210845-1902050745

GTU 01/001 KGTU OBST TOWER LGT (ASR 1223504) 303240.40N0974708.40W (9.7NM SW GTU) 1076.8FT (256.9FT AGL) OUT OF SERVICE 1901021455-1904020500

FDC 9/6700 KGTU IAP GEORGETOWN MUNI, Georgetown, TX. RNAV (GPS) RWY 18, AMDT 2... LPV DA VIS 1. LNAV/VNAV DA VIS 1. 24 JAN 17:46 2019 UNTIL 24 JAN 17:46 2021 ESTIMATED. CREATED: 24 JAN 17:47 2019

FDC 9/6698 KGTU IAP GEORGETOWN MUNI, Georgetown, TX. RNAV (GPS) RWY 36, AMDT 2... LPV DA VIS 1. 24 JAN 17:45 2019 UNTIL 24 JAN 17:45 2021 ESTIMATED. CREATED: 24 JAN 17:46 2019

HYI 09/018 KHYI RWY 13 RAI LGT OUT OF SERVICE 1809261427-1904241800EST

HYI 08/018 KHYI TWY D CLSD 1808301609-PERM

AUS 01/094 KAUS RWY 35L RAI LGT OUT OF SERVICE 1901311346-1902082000EST

AUS 01/073 KAUS TWY B BTN TWY L AND TWY A CLSD 1901241400-1903062300

AUS 11/104 KAUS TWY G2 NORTH OF TWY G CLSD TO ACFT WINGSPAN MORE THAN 171FT 1811292209-1902282200

AUS 10/001 KAUS TWY G3 BTN TWY G AND OUTER TXL CLSD 1810011200-1903312200

FDC 9/2560 KAUS IAP AUSTIN-BERGSTROM INTL, Austin, TX. RNAV (GPS) Y RWY 35L, AMDT 2... NOTE: RWY 35L HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 09 JAN 13:29 2019 UNTIL 09 JAN 13:29 2021 ESTIMATED. CREATED: 09 JAN 13:30 2019

AUS 12/082 KAUS OBST POLE (ASN UNKNOWN) 301159N0974006W (.5NM NNE AUS) 530FT (40FT AGL) NOT LGTD 1812251710-1902142300

AUS 12/081 KAUS OBST OBST POLE (ASN UNKNOWN) 301159N0974006W (.5NM NNE AUS) 530FT (40FT AGL) NOT LGTD 1812251719-1902142300

AUS 12/080 KAUS OBST POLE (ASN UNKNOWN) 301159N0973944W (0.5NM NE AUS) 540FT (40FT AGL) NOT LGTD 1812251702-1902142300

EDC 04/012 KEDC SVC PCL FREQ NOW 120.3 1804261414-1904261414

EDC 01/001 KEDC AIRSPACE CLASS G SFC AREA CHANGED TO CLASS D 1901031200-PERM

EDC 01/008 KEDC TWY D BTN APCH END RWY 16 AND SOUTH ENTRANCE BIRD NEST RAMP (CONTROL TOWER) CLSD 1901301556-1902282359

FDC 9/5029 KEDC IAP AUSTIN EXECUTIVE, Austin, TX. RNAV (GPS) RWY 13, ORIG... LNAV/VNAV DA 1122/HAT 502. LNAV MDA 1080/HAT 460. VIS CAT C 1 3/8. CIRCLING MDA CAT A 1140/HAA 520, CAT B/C 1160/HAA 540. PERMANENT TRANSMISSION LINES, UP TO 799FT MSL, BEGINNING 5971FT WEST OF APCH END RWY 13 (48-138705, 48-138708, 48-138709, 48-142335). 18 JAN 15:26 2019 UNTIL 02 FEB 15:26 2021 ESTIMATED. CREATED: 18 JAN 15:27 2019

AUS 01/092 KAUS OBST TOWER LGT (ASR 1223054) 300820.80N0973706.20W (4.3NM SE AUS) 842.2FT (243.1FT AGL) OUT OF SERVICE 1901290036-1902130035

SJT 01/116 K50R OBST TOWER LGT (ASR 1059907) 295329.10N0973945.20W (2.5NM NNE 50R) 906.8FT (378.9FT AGL) OUT OF SERVICE 1901101741-1902122359

SJT 12/085 K50R RWY 18 PAPI OUT OF SERVICE 1812071838-1906082111EST

SJT 07/128 KT74 AIRSPACE UAS WI AN AREA DEFINED AS .5NM RADIUS OF T74 SFC-400FT AGL DLY SR-SS 1807101130-1904300200

SJT 01/180 KT74 OBST TOWER LGT (ASR 1243653) 303644.30N0972526.00W (2.6NM NNE T74) 862.2FT (262.1FT AGL) OUT OF SERVICE 1901180508-1902020408

AUS 01/018 KAUS OBST TOWER LGT (ASR 1052311) 300230.40N0973213.50W (11.4NM SE AUS) 1048.9FT (505.9FT AGL) OUT OF SERVICE 1901071718-1902061718

SJT 01/277 K50R OBST TOWER LGT (ASR 1252184) 295909.50N0972632.30W (14.6NM NE 50R) 718.5FT (260.8FT AGL) OUT OF SERVICE 1901292338-1902282338

SJT 01/271 K50R OBST TOWER LGT (ASR 1258095) 295024.50N0972536.10W (12.9NM E 50R) 842.5FT (331.7FT AGL) OUT OF SERVICE 1901290540-1902130440

SJT 01/144 K84R OBST TOWER LGT (ASR 1256486) 300411.20N0971822.80W (7.7NM WNW 84R) 657.5FT (305.1FT AGL) OUT OF SERVICE 1901142020-1902132020

SJT 12/281 K84R OBST TOWER LGT (ASR 1003036) 300858.00N0971614.00W (9.0NM NW 84R) 861.9FT (359.9FT AGL) OUT OF SERVICE 1812240158-1903232359

SJT 01/135 K84R OBST TOWER LGT (ASR 1220978) 295628.70N0971822.40W (9.0NM SW 84R) 858.3FT (409.1FT AGL) OUT OF SERVICE 1901140427-1902130427

SJT 01/203 K84R OBST TOWER LGT (ASR 1050617) 300859.60N0971316.30W (7.8NM NNW 84R) 969.2FT (494.1FT AGL) OUT OF SERVICE 1901210333-1902200333

SJT 11/181 K84R OBST TOWER LGT (ASR 1205546) 300020.80N0970941.00W (1.4NM SSE 84R) 461.0FT (134.8FT AGL) OUT OF SERVICE 1811162150-1902162359

SJT 01/088 K84R OBST TOWER LGT (ASR 1207648) 295732.00N0970527.60W (5.7NM SE 84R) 558.1FT (261.2FT AGL) OUT OF SERVICE 1901081627-1904080500

3T5 12/008 K3T5 OBST TOWER LGT (ASR 1213048) 295615.50N0970340.00W (6.1NM WNW 3T5) 685.0FT (310.0FT AGL) OUT OF SERVICE 1812140259-1903130500

RWV 01/004 KRWV OBST TOWER LGT (ASR 1205295) 302359.50N0964930.90W (9.4NM SW RWV) 682.7FT (340.9FT AGL) OUT OF SERVICE 1901120311-1902110311

3T5 01/001 K3T5 OBST TOWER LGT (ASR 1205395) 300120.80N0965400.70W (7.3NM NNE 3T5) 584.0FT (265.1FT AGL) OUT OF SERVICE 1901020027-1904010500

3T5 01/005 K3T5 OBST TOWER LGT (ASR 1005892) 295236.20N0965247.90W (4.1NM ESE 3T5) 899.9FT (461.0FT AGL) OUT OF SERVICE 1901240425-1902230425

3T5 01/003 K3T5 OBST TOWER LGT (ASR 1225052) 300006.40N0964921.80W (8.7NM NE 3T5) 996.1FT (449.1FT AGL) OUT OF SERVICE 1901170227-1903042359

3T5 12/010 K3T5 OBST TOWER LGT (ASR 1050135) 300020.00N0964660.00W (10.5NM NE 3T5) 769.7FT (259.8FT AGL) OUT OF SERVICE 1812212006-1912212359

3T5 12/002 K3T5 OBST TOWER LGT (ASR 1003034) 295704.00N0964628.00W (9.6NM ENE 3T5) 919.6FT (474.7FT AGL) OUT OF SERVICE 1812020232-1902012359

3T5 01/008 K3T5 OBST TOWER LGT (ASR 1256741) 295844.90N0964534.90W (10.9NM ENE 3T5) 698.2FT (290.0FT AGL) OUT OF SERVICE 1901310055-1903020055

GYB 01/010 KGYB OBST TOWER LGT (ASR 1021939) 300846.40N0964218.20W (14.5NM E GYB) 711.9FT (294.0FT AGL) OUT OF SERVICE 1901220450-1902060449

11R 01/009 K11R OBST TOWER LGT (ASR 1050612) 302126.10N0963027.70W (10.7NM NW 11R) 567.3FT (327.1FT AGL) OUT OF SERVICE 1901310015-1904300500

CXO 01/394 K66R OBST TOWER LGT (ASR 1265003) 294655.30N0963818.90W (10.5NM NW 66R) 565.3FT (259.8FT AGL) OUT OF SERVICE 1901281923-1902271923

11R 12/008 K11R OBST TOWER LGT (ASR 1215775) 301538.60N0962724.40W (4.9NM WNW 11R) 711.9FT (325.1FT AGL) OUT OF SERVICE 1812280003-1903270500

CXO 01/247 K66R OBST TOWER LGT (ASR 1027203) 294133.00N0963553.00W (5.3NM NW 66R) 554.5FT (285.8FT AGL) OUT OF SERVICE 1901181512-1902021511

CXO 12/187 K66R OBST TOWER LGT (ASR 1050479) 294215.60N0963511.40W (5.3NM NW 66R) 665.0FT (433.1FT AGL) OUT OF SERVICE 1812140154-1902140154

CXO 01/106 K06R OBST TOWER LGT (ASR 1265286) 295301.30N0963006.80W (13.9NM WSW 06R) 674.9FT (279.9FT AGL) OUT OF SERVICE 1901080421-1902070421

11R 01/008 K11R SVC AUTOMATED WX BCST SYSTEM 121.125 UNREL
1901211349-1902012359

CXO 01/407 K06R OBST TOWER LGT (ASR 1223178) 300329.00N0961934.20W (8.1NM NNW 06R) 743.1FT (354.0FT AGL) OUT OF SERVICE 1901291155-1902281155

CXO 12/323 K06R OBST TOWER LGT (ASR 1213213) 295127.80N0961907.50W (6.3NM SW 06R) 635.8FT (337.9FT AGL) OUT OF SERVICE 1812220225-1903210500

ELA 10/004 KELA SVC AUTOMATED WX BCST SYSTEM OUT OF SERVICE
1810062018-1902272359

ELA 11/004 KELA OBST TOWER LGT (ASR 1051635) 294458.10N0961551.40W (9.4NM NNE ELA) 685.0FT (475.1FT AGL) OUT OF SERVICE 1811192243-1902170500

CXO 01/388 K06R OBST TOWER LGT (ASR 1021936) 294557.70N0961351.60W (10.4NM S 06R) 512.1FT (293.0FT AGL) OUT OF SERVICE 1901280518-1902120517

CXO 01/392 K60R OBST TOWER LGT (ASR 1206284) 301458.30N0960250.80W (7.8NM SSE 60R) 714.9FT (484.9FT AGL) OUT OF SERVICE 1901281538-1902271538

CXO 01/356 K06R OBST TOWER LGT (ASR 1055146) 300543.90N0960003.10W (15.8NM

NE 06R) 705.1FT (478.0FT AGL) OUT OF SERVICE 1901250831-1904250500

CXO 01/313 K06R OBST TOWER LGT (ASR 1056336) 300522.00N0955947.00W (15.8NM NE 06R) 677.8FT (430.1FT AGL) OUT OF SERVICE 1901222235-1902062359

CXO 01/210 K06R OBST TOWER LGT (ASR 1063633) 295751.10N0960144.50W (11.4NM E 06R) 589.9FT (419.0FT AGL) OUT OF SERVICE 1901160420-1902150420

CXO 01/416 K60R OBST ANTENNA LGT (ASN 2018-ASW-326-OE) 301346N0955234W (14.8NM SE 60R) 505FT (210FT AGL) OUT OF SERVICE 1901300040-1902122359

CXO 01/396 KT51 OBST TOWER LGT (ASR 1277180) 300251.90N0955538.10W (13.6NM W T51) 589.9FT (344.8FT AGL) OUT OF SERVICE 1901282204-1902110059

CXO 11/299 K60R OBST TOWER LGT (ASR 1219083) 301610.90N0954959.50W (15.7NM ESE 60R) 551.2FT (265.1FT AGL) OUT OF SERVICE 1811182303-1902160500

CXO 01/400 KT51 OBST TOWER LGT (ASN 2018-ASW-3145-OE) 300839N0954914W (10.0NM NW T51) 457FT (210FT AGL) OUT OF SERVICE 1901282353-1902122352

FDC 9/6096 KTME SID HOUSTON EXECUTIVE, Houston, TX. HOODO FIVE DEPARTURE (RNAV)... DEPARTURE PROCEDURE GPS REQUIRED, LCH VORTAC OUT OF SERVICE. 23 JAN 15:36 2019 UNTIL 15 MAY 15:36 2019 ESTIMATED. CREATED: 23 JAN 15:39 2019

CXO 01/207 KTME OBST TOWER LGT (ASR 1051790) 295001.80N0955015.80W (3.6NM ENE TME) 647.0FT (487.9FT AGL) OUT OF SERVICE 1901160024-1904150500

CXO 01/409 KX09 OBST TOWER LGT (ASR 1053834) 294134.00N0955238.00W (1.9NM W X09) 407.2FT (270.0FT AGL) OUT OF SERVICE 1901291823-1903011823

CXO 12/014 KTME OBST TOWER LGT (ASR 1220478) 295535.50N0954821.10W (8.7NM NNE TME) 423.9FT (259.8FT AGL) OUT OF SERVICE 1812022040-1903020500

CXO 01/411 KT51 OBST TOWER LGT (ASR 1301990) 301354.49N0954215.22W (11.4NM N T51) 710FT (499FT AGL) OUT OF SERVICE 1901291925-1902281925

CXO 01/244 KT51 OBST TOWER LGT (ASR 1048853) 301330.20N0954146.80W (11.0NM N T51) 707.0FT (482.9FT AGL) OUT OF SERVICE 1901181212-1902171212

CXO 07/030 KX09 RWY 17/35 WIP 4000FT N CONST 1807021447-2007021447

CXO 12/102 KX09 OBST TOWER LGT (ASR 1025495) 294158.70N0954642.80W (3.3NM E X09) 269.0FT (162.1FT AGL) OUT OF SERVICE 1812080539-1903080500

FDC 9/2376 TS07 SPECIAL DRY CREEK, Cypress, TX. RNAV (GPS) RWY 18, AMDT 2...

DISREGARD DESCENT ANGLE 3.00/TCH 40. PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. 08 JAN 19:45 2019 UNTIL 08 JAN 19:45 2021 ESTIMATED. CREATED: 08 JAN 19:46 2019

CXO 01/431 KT51 AIRSPACE UAS WI AN AREA DEFINED AS .6NM RADIUS OF 300353N0953812W (2.1NM NE T51) SFC-400FT AGL 1902011400-1902012359

CXO 01/172 K2H5 OBST TOWER LGT (ASR 1225292) 292626.90N0954959.90W (4.9NM SE 2H5) 343.8FT (255.9FT AGL) OUT OF SERVICE 1901122226-1904120500

FDC 9/6088 KIWS SID WEST HOUSTON, Houston, TX. HOODO FIVE DEPARTURE (RNAV)... DEPARTURE PROCEDURE GPS REQUIRED, LCH VORTAC OUT OF SERVICE. 23 JAN 15:36 2019 UNTIL 15 MAY 15:36 2019 ESTIMATED. CREATED: 23 JAN 15:38 2019

FDC 9/6068 KIWS SID WEST HOUSTON, Houston, TX. HOODO FIVE DEPARTURE (RNAV)... DEPARTURE PROCEDURE GPS REQUIRED, LCH VORTAC OUT OF SERVICE. 23 JAN 15:36 2019 UNTIL 15 MAY 15:36 2019 ESTIMATED. CREATED: 23 JAN 15:37 2019

CXO 01/377 KEYQ OBST TOWER LGT (ASR 1010632) 295424.00N0953733.00W (1.9NM SSE EYQ) 434.7FT (304.8FT AGL) OUT OF SERVICE 1901271551-1902111200

FDC 8/4164 1XA9 SPECIAL LIFE FLIGHT NORTH FUEL, TOMBALL, TX. ZAKOV ONE... PROC NOT AUTH. 22 DEC 21:05 2018 UNTIL 31 DEC 23:59 2019. CREATED: 22 DEC 21:05 2018

FDC 8/4160 1XA9 SPECIAL LIFE FLIGHT NORTH FUEL, TOMBALL, TX. COPTER RNAV (GPS) 19, ORIG... PROC NOT AUTH. 22 DEC 19:32 2018 UNTIL 31 DEC 23:59 2019. CREATED: 22 DEC 19:32 2018

IAH 12/177 KIAH NAV GBAS OUT OF SERVICE 1812171931-1906280001EST

IAH 12/176 KIAH NAV GLS RWY 08L, RWY 08R, RWY 09, RWY 26L, RWY 26R, RWY 27 OUT OF SERVICE 1812171911-1906280001EST

SGR 01/023 KSGR RWY 17/35 CLSD DLY 0400-1200 1901290400-1902021200

SGR 12/019 KSGR RWY 17 5000FT DIST REMAINING SIGN MISSING 1812272139-1901312300

SGR 12/018 KSGR RWY 35 3000FT DIST REMAINING SIGN MISSING 1812272135-1901312300

SGR 12/003 KSGR TWY A BTN TERMINAL RAMP AND TWY A5 WIP CONST 1812041451-1903292359

SGR 12/002 KSGR TWY A3 CLSD 1812040403-1902282300

FDC 9/6092 KSGR SID SUGAR LAND RGNL, Houston, TX. HOODO FIVE DEPARTURE (RNAV)... DEPARTURE PROCEDURE GPS REQUIRED, LCH VORTAC OUT OF SERVICE. 23 JAN 15:36 2019 UNTIL 15 MAY 15:36 2019 ESTIMATED. CREATED: 23 JAN 15:38 2019

IAH 01/045 KIAH OBST TOWER LGT (ASR 1049572) 295342.70N0952620.60W (7.4NM SW IAH) 658.8FT (567.9FT AGL) OUT OF SERVICE 1901060433-1902050433

IAH 01/020 KIAH OBST TOWER LGT (ASR 1051705) 294927.00N0952347.90W (10.0NM SSW IAH) 268.0FT (208.0FT AGL) OUT OF SERVICE 1901021808-1904020500

FDC 8/4163 38TE SPECIAL JOHN S DUNN HELIPORT, HOUSTON, TX. DYUGA ONE... 502FT AMSL CRANE LOCATED BTN ZIKUD AND WIXUT. CLIMB AT 500FT PER NM TO CROSS WIXUT AT OR ABOVE 1460 AMSL. 22 DEC 19:52 2018 UNTIL 31 DEC 23:59 2019. CREATED: 22 DEC 19:53 2018

FDC 8/4161 38TE SPECIAL JOHN S DUNN HELIPORT, HOUSTON, TX. COPTER RNAV (GPS) 08, ORIG... 502FT AMSL CRANE LOCATED IN FINAL APCH. LPV DA 550 LNAV MDA 860. 22 DEC 19:41 2018 UNTIL 31 DEC 23:59 2019. CREATED: 22 DEC 19:41 2018

FDC 8/4158 38TE SPECIAL JOHN S DUNN HELIPORT, HOUSTON, TX. DYUGA ONE... MAXIMUM XNG ALT AT ZIKUD 1000FT AMSL. 22 DEC 19:15 2018 UNTIL 31 DEC 23:59 2019. CREATED: 22 DEC 19:10 2018

DWH 12/004 KDWH TWY F BTN TWY H AND TWY L CLSD 1812051712-1903051700

DWH 12/003 KDWH TWY K NORTH TWY E CLSD 1812051711-1903051700

FDC 9/6083 KDWH SID DAVID WAYNE HOOKS MEMORIAL, Houston, TX. HOODO FIVE DEPARTURE (RNAV)... DEPARTURE PROCEDURE GPS REQUIRED, LCH VORTAC OUT OF SERVICE. 23 JAN 15:36 2019 UNTIL 15 MAY 15:36 2019 ESTIMATED. CREATED: 23 JAN 15:38 2019

FDC 9/6074 KDWH SID DAVID WAYNE HOOKS MEMORIAL, Houston, TX. LAKE CHARLES FIVE DEPARTURE... DEPARTURE PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, LCH VORTAC OUT OF SERVICE. 23 JAN 15:36 2019 UNTIL 15 MAY 15:36 2019 ESTIMATED. CREATED: 23 JAN 15:37 2019

DWH 01/024 KDWH OBST CRANE (ASN UNKNOWN) 300401N0953321W (.5NM NW APCH END RWY 17L) 115FT (266FT AGL) FLAGGED DLY SR-SS 1902011313-1902062359

DWH 01/023 KDWH OBST CRANE (ASN UNKNOWN) 300401N0953321W (.5NM NW APCH END RWY 17L) 115FT (266FT AGL) FLAGGED 1901311745-1901312358

DWH 01/019 KDWH OBST TOWER LGT (ASR UNKNOWN) 300444.04N0953321.96W (1.2NM N DWH) 215FT (68FT AGL) U/S 1901252046-1902082300

CXO 01/256 KAXH OBST TOWER LGT (ASR 1059622) 293345.20N0953035.90W (3.8NM NNW AXH) 2048.2FT (1974.1FT AGL) OUT OF SERVICE 1901190544-1902030543

CXO 01/162 KAXH OBST TOWER LGT (ASR 1011350) 293341.00N0953005.00W (3.5NM NNW AXH) 2047.2FT (1975.1FT AGL) OUT OF SERVICE 1901120053-1902122359

IAH 01/254 KIAH OBST TOWER LGT (ASR UNKNOWN) 295623.25N0952033.98W (3.1NM S IAH) 198FT (127FT AGL) OUT OF SERVICE 1901252048-1902082300

IAH 01/253 KIAH OBST TOWER LGT (ASR UNKNOWN) 295624.00N0951955.29W (3.1NM S IAH) 206FT (127FT AGL) U/S 1901252049-1902082300

FDC 8/4162 TE11 SPECIAL LIFE FLIGHT REFUEL, FRESNO, TX. ZUPIL ONE... STANDARD TKOF MNMS NOT AUTH. ENTERING IMC PRIOR TO DANGS NOT AUTH. 22 DEC 19:46 2018 UNTIL 31 DEC 23:59 2019. CREATED: 22 DEC 19:45 2018

FDC 8/4159 TE11 SPECIAL LIFE FLIGHT REFUEL, FRESNO, TX. COPTER RNAV (GPS) 14, ORIG... PROCEED VFR FM DANGS OR CONDUCT THE SPECIFIED MISSED APCH. 22 DEC 19:20 2018 UNTIL 31 DEC 23:59 2019. CREATED: 22 DEC 19:17 2018

IAH 01/257 KIAH OBST TOWER LGT (ASR UNKNOWN) 295625.69N0951924.74W (3.2NM SSE IAH) 201FT (127FT AGL) U/S 1901262051-1902092300

IAH 01/287 KIAH RWY 33L 7000FT DIST REMAINING SIGN MISSING
1901300133-1902151200

IAH 01/286 KIAH RWY 15R 3000FT DIST REMAINING SIGN MISSING
1901300132-1902151200

IAH 01/235 KIAH RWY 15L PAPI OUT OF SERVICE 1901232011-1903312000

IAH 01/234 KIAH RWY 33R ALS OUT OF SERVICE 1901232010-1903312000

IAH 01/130 KIAH RWY 15L/33R CLSD 1901141200-1903311800

IAH 01/229 KIAH NAV ILS RWY 33R OUT OF SERVICE 1901231604-1903312000

IAH 08/187 KIAH NAV ILS RWY 08L DME DECOMMISSIONED 1708240947-PERM

IAH 01/294 KIAH TWY ND CL MARKINGS BTN TWY NC AND TWY NB EAST SIDE

NOT STD 1901300950-1903221200

IAH 01/293 KIAH TWY EB BTN TWY EC AND TWY ED CLSD 1901300838-1902011800

IAH 01/292 KIAH TWY NP CL MARKINGS BTN APCH END RWY 26L AND TWY NA
SOUTH SIDE NOT STD 1901300820-1903221200

IAH 01/284 KIAH TWY EA BTN TWY EC AND TWY NB CLSD 1901311300-1906011800

IAH 01/283 KIAH TWY EB BTN TWY EC AND TWY NB CLSD 1901311300-1906011800

IAH 01/282 KIAH TWY NB BTN TWY N3 AND TWY EB CLSD 1901311300-1906011800

IAH 01/276 KIAH TWY NP RUNUP PAD FOR RWY 26L EDGE MARKINGS NOT STD
1901290611-1903221200

IAH 01/265 KIAH TWY NN CL MARKINGS FOR RWY 08R/26L NOT STD
1901281047-1903221200

IAH 01/162 KIAH TWY NB BTN TWY NE AND TWY WP CLSD TO ACFT WINGSPAN
MORE THAN 118FT WHEN AIRCRAFT WITH WINGSPAN GREATER THAN 214 FEET
ARE ON TWY NA BTN NE AND WP. 1901141850-1903302300

IAH 01/161 KIAH TWY NA BTN TWY NE AND TWY WP CLSD TO ACFT WINGSPAN
MORE THAN 118FT WHEN ACFT WITH WINGSPAN GREATER THAN 214 FEET ARE
ON TWY NB BTN TWY NE AND TWY WP. 1901141848-1903302300

IAH 01/128 KIAH TWY WD BTN RWY 15L/33R AND TWY WP CLSD
1901141200-1903311800

IAH 01/127 KIAH TWY WJ BTN TWY WP AND RWY 15L/33R CLSD
1901141200-1903311800

IAH 01/126 KIAH TWY WL BTN RWY 15L/33R AND TWY WP CLSD
1901141200-1903311800

IAH 01/125 KIAH TWY WV BTN RWY 15L/33R AND TWY WB CLSD
1901141200-1903311800

IAH 01/124 KIAH TWY WD BTN RWY 15L/33R AND TWY WB CLSD
1901141200-1903311800

IAH 01/123 KIAH TWY WG BTN TWY WB AND TWY WA CLSD 1901141200-1903311800

IAH 01/122 KIAH TWY WF BTN TWY WA AND TWY WB CLSD 1901141200-1903311800

IAH 01/121 KIAH TWY WE BTN TWY WA AND TWY WB CLSD 1901141200-1903311800

IAH 01/120 KIAH TWY WA BTN TWY WG AND TWY WW CLSD
1901141200-1903311800

IAH 01/082 KIAH TWY WB BTN TWY WW AND TWY WN WIP LGTD AND
BARRICADED 1901101336-1911301800

IAH 11/301 KIAH TWY WL BTN RWY 15L/33R AND TWY WB CLSD
1811291356-1907312200

IAH 01/135 KIAH APRON TERMINAL ALPHA SOUTH RAMP SPOT 2 LOCATION
MARKINGS E SIDE NOT STD 1901111651-1903311200

IAH 01/134 KIAH APRON TERMINAL ALPHA SOUTH RAMP SPOT 3 LOCATION
MARKINGS E SIDE NOT STD 1901111650-1903311200

FDC 9/7101 KIAH IAP GEORGE BUSH INTERCONTINENTAL/HOUSTON, Houston, TX.
ILS OR LOC RWY 26L, AMDT 21C... S-ILS 26L DA 456/HAT 361 ALL CATS. VIS RVR
3500 ALL CATS. SOROY 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 INOPERATIVE 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. SOROY
FIX MINIMUMS: FOR INOPERATIVE ALSF, INCREASE S-LOC 26L CAT C/D/E
VISIBILITY TO 1 3/8 MILES. TEMPORARY CRANE, 286FT MSL, 1770FT SE OF APCH
END RWY 26L (2017-ASW-3382-NRA). 28 JAN 12:23 2019 UNTIL 09 SEP 12:23 2019
ESTIMATED. CREATED: 28 JAN 12:23 2019

FDC 9/7100 KIAH IAP GEORGE BUSH INTERCONTINENTAL/HOUSTON, Houston, TX.
ILS RWY 26L (SA CAT I), AMDT 21C ... ILS RWY 26L (CAT II AND III), AMDT 21C ...
PROCEDURE NA. TEMPORARY CRANE, 286FT MSL, 1770FT SE OF APCH END RWY
26L (2017-ASW-3382-NRA). 28 JAN 12:23 2019 UNTIL 09 SEP 12:23 2019 ESTIMATED.
CREATED: 28 JAN 12:23 2019

FDC 9/7099 KIAH IAP GEORGE BUSH INTERCONTINENTAL/HOUSTON, Houston, TX.
GLS RWY 26L, AMDT 1B... GLS DA 457/HAT 362 ALL CATS VIS RVR 3500 ALL CATS.
FOR INOPERATIVE ALSF, INCREASE GLS ALL CATS TO RVR 5500. TEMPORARY
CRANE, 286FT MSL, 1770FT SE OF APCH END RWY 26L (2017-ASW-3382-NRA). 28 JAN
12:23 2019 UNTIL 09 SEP 12:23 2019 ESTIMATED. CREATED: 28 JAN 12:23 2019

FDC 9/6078 KIAH SID GEORGE BUSH INTERCONTINENTAL/HOUSTON, Houston, TX.
HOODO FIVE DEPARTURE (RNAV)... DEPARTURE PROCEDURE GPS REQUIRED, LCH
VORTAC OUT OF SERVICE. 23 JAN 15:36 2019 UNTIL 15 MAY 15:36 2019 ESTIMATED.
CREATED: 23 JAN 15:37 2019

FDC 9/6073 KIAH SID GEORGE BUSH INTERCONTINENTAL/HOUSTON, Houston, TX.

LAKE CHARLES FIVE DEPARTURE... DEPARTURE PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, LCH VORTAC OUT OF SERVICE. 23 JAN 15:36 2019 UNTIL 15 MAY 15:36 2019 ESTIMATED. CREATED: 23 JAN 15:37 2019

IAH 12/147 KIAH OBST TOWER LGT (ASR 1052799) 295347.00N0951727.00W (5.9NM SSE IAH) 296.3FT (244.1FT AGL) OUT OF SERVICE 1812131820-1912312300

IAH 12/146 KIAH OBST TOWER LGT (ASR 1052798) 295349.00N0951727.00W (5.8NM SSE IAH) 296.3FT (244.1FT AGL) OUT OF SERVICE 1812131819-1912312300

DWH 11/015 KDWH OBST TOWER LGT (ASR 1051702) 300904.60N0953242.50W (5.3NM NE DWH) 425.9FT (274.0FT AGL) OUT OF SERVICE 1811192240-1902170500

IAH 11/164 KIAH OBST TOWER LGT (ASR 1231241) 300424.80N0952320.20W (5.8NM NNW IAH) 317.9FT (208.0FT AGL) OUT OF SERVICE 1811122343-1902110500

CXO 01/156 KAXH RWY 09/27 WIP MAINT ADJ 1901111430-1912312359

FDC 9/6082 KAXH SID HOUSTON-SOUTHWEST, Houston, TX. HOODO FIVE DEPARTURE (RNAV)... DEPARTURE PROCEDURE GPS REQUIRED, LCH VORTAC OUT OF SERVICE. 23 JAN 15:36 2019 UNTIL 15 MAY 15:36 2019 ESTIMATED. CREATED: 23 JAN 15:38 2019

IAH 12/161 KIAH OBST TOWER LGT (ASR 1047091) 300058.80N0951946.80W (2.0NM NNE IAH) 283.8FT (190.9FT AGL) OUT OF SERVICE 1812151337-1903150500

CXO 01/324 K9X1 OBST TOWER LGT (ASR 1049620) 300655.00N0952452.40W (5.4NM WSW 9X1) 567.9FT (461.0FT AGL) OUT OF SERVICE 1901230707-1902220707

HOU 11/103 KHOU OBST CRANE (ASN UNKNOWN) 293849N0951710W (.5NM W HOU) UNKNOWN (94FT AGL) FLAGGED DLY SR-SS 1811271515-1902222200

HOU 09/083 HUB NAV VOR/DME OUT OF SERVICE 1809252002-1911281800EST

HOU 01/119 KHOU RWY 13R/31L RCLL NOT STD 1901312100-1902102100

HOU 01/012 KHOU RWY 35 VASI OUT OF SERVICE 1901032202-1903042200

HOU 01/007 KHOU RWY 13R/31L RCLL NOT STD 1901010643-1901312100

HOU 11/114 KHOU RWY 13R/31L CHANGED TO 7602FT X 150FT. DECLARED DIST: RWY 13R TORA 7602FT TODA 7602FT ADSA 7602 FT LDA 6565 FT. RWY 31L TORA 7602FT TODA 7602FT ADSA 7602FT LDA 7602FT. 1611181943-PERM

HOU 01/097 KHOU NAV ILS RWY 04 GP OUT OF SERVICE DLY 1200-2200

1901281200-1902012200

HOU 01/089 KHOU TWY M SFC PAINTED HLDG PSN SIGNS FOR APCH END RWY 31L
FADED 1901222118-1902232200

HOU 01/087 KHOU TWY H SFC PAINTED HLDG PSN SIGNS AT RWY 13R/31L EAST
SIDE FADED 1901222109-1902232200

HOU 01/015 KHOU TWY K2 BTN RWY 04/22 AND TWY K CLSD 1901042301-1904302330

HOU 01/002 KHOU TWY C BTN OLD JET AVIATION APN AND TWY M CLSD
1901010612-1904302100

FDC 9/6079 KHOU SID WILLIAM P HOBBY, Houston, TX. HOODO FIVE DEPARTURE
(RNAV)... DEPARTURE PROCEDURE GPS REQUIRED, LCH VORTAC OUT OF
SERVICE. 23 JAN 15:36 2019 UNTIL 15 MAY 15:36 2019 ESTIMATED. CREATED: 23
JAN 15:37 2019

FDC 9/3830 KHOU ODP WILLIAM P HOBBY, Houston, TX. TAKEOFF MINIMUMS AND
(OBSTACLE) DEPARTURE PROCEDURES AMDT 6B... TAKE-OFF MINIMUMS RWY 22,
STANDARD WITH MINIMUM CLIMB OF 290 FT PER NM TO 2700. ALL OTHER DATA
REMAINS AS PUBLISHED. 14 JAN 14:12 2019 UNTIL 14 JAN 14:12 2021 ESTIMATED.
CREATED: 14 JAN 14:12 2019

FDC 9/2225 KHOU IAP WILLIAM P HOBBY, Houston, TX. RNAV (GPS) RWY 17, AMDT
1A... RNAV (GPS) RWY 22, AMDT 2B... RNAV (GPS) RWY 35, AMDT 1B... CIRCLING
CATS A/B/C/D MDA 660/ HAA 614. VIS CAT C 2, CAT D 2 1/4. FROM SUNRISE TO
SUNSET, DURING VMC CONDITIONS ONLY UNLESS ADVISED BY ATC.
TEMPORARY CRANE 295FT MSL 3123 FT SOUTH OF KHOU (2017-ASW-4848-NRA),
TEMPORARY CRANE, 186 FT MSL, 2621 FT SOUTH OF KHOU (2018-ASW-6111-NRA).
08 JAN 16:44 2019 UNTIL 23 JUL 16:44 2019 ESTIMATED. CREATED: 08 JAN 16:45 2019

FDC 9/2224 KHOU IAP WILLIAM P HOBBY, Houston, TX. LOC RWY 22, AMDT 1A...
CIRCLING CATS A/B/C/D MDA 660/ HAA 614. VIS CAT C 2, CAT D 2 1/4. FROM
SUNRISE TO SUNSET, DURING VMC CONDITIONS ONLY UNLESS ADVISED BY ATC.
TEMPORARY CRANE 295FT MSL 3123 FT SOUTH OF KHOU (2017-ASW-4848-NRA),
TEMPORARY CRANE, 186 FT MSL, 2621 FT SOUTH OF KHOU (2018-ASW-6111-NRA).
08 JAN 16:44 2019 UNTIL 23 JUL 16:44 2019 ESTIMATED. CREATED: 08 JAN 16:45 2019

FDC 9/2223 KHOU IAP WILLIAM P HOBBY, Houston, TX. RNAV (GPS) RWY 31L, AMDT
2C... LPV DA 370/HAT 327 ALL CATS. VIS RVR 5000 ALL CATS. LNAV/VNAV DA
506/HAT 463 ALL CATS. VIS 1 3/8 ALL CATS. LNAV MDA 660/HAT 614 ALL CATS. VIS
CATS A/B RVR 5500, CATS C/D 1 5/8. CIRCLING CATS A/B MDA 660/HAA 614. VDP TO
THLD 1.51 NM. FROM SUNRISE TO SUNSET, DURING VMC CONDITIONS ONLY
UNLESS ADVISED BY ATC. TEMPORARY CRANE, 295 FT MSL, 4088 FT WEST OF
APCH END RWY 31L (2017-ASW-4848-NRA). 08 JAN 16:44 2019 UNTIL 23 JUL 16:44

2019 ESTIMATED. CREATED: 08 JAN 16:45 2019

FDC 9/2222 KHOU IAP WILLIAM P HOBBY, Houston, TX. ILS OR LOC RWY 13R, AMDT 12C... ILS OR LOC RWY 31L, AMDT 6C... ILS OR LOC RWY 4, AMDT 43... RNAV (GPS) RWY 13R, AMDT 1C... RNAV (GPS) RWY 31L, AMDT 2C... RNAV (GPS) RWY 4, AMDT 3A... CIRCLING CATS A/B MDA 660/ HAA 614. FROM SUNRISE TO SUNSET, DURING VMC CONDITIONS ONLY UNLESS ADVISED BY ATC. TEMPORARY CRANE 295FT MSL 3123 FT SOUTH OF KHOU (2017-ASW-4848-NRA), TEMPORARY CRANE, 186 FT MSL, 2621 FT SOUTH OF KHOU (2018-ASW-6111-NRA). 08 JAN 16:44 2019 UNTIL 23 JUL 16:44 2019 ESTIMATED. CREATED: 08 JAN 16:45 2019

FDC 9/2221 KHOU IAP WILLIAM P HOBBY, Houston, TX. RNAV (GPS) RWY 35, AMDT 1B... LNAV MDA 600/HAT 554 ALL CATS. CIRCLING ALL CATS MDA 660/HAA 554, VISIBILITY CAT C/D 1 5/8. FROM SUNRISE TO SUNSET, DURING VMC CONDITIONS ONLY UNLESS ADVISED BY ATC. TEMPORARY CRANE 295FT MSL 1099FT NORTHEAST OF RWY 35 (2017-ASW-4848-NRA). 08 JAN 16:44 2019 UNTIL 23 JUL 16:44 2019 ESTIMATED. CREATED: 08 JAN 16:45 2019

FDC 9/2220 KHOU IAP WILLIAM P HOBBY, Houston, TX. RNAV (GPS) RWY 4, AMDT 3A... LPV DA 386/ HAT 342 ALL CATS, VISIBILITY ALL CATS RVR 4000. LNAV/VNAV DA 506/ HAT 462 ALL CATS, VISIBILITY ALL CATS RVR 5000. LNAV MDA 600/HAT 556 ALL CATS, VISIBILITY CATS C/D/E RVR 6000. CIRCLING CATS A/B MDA 660/ HAA 614. VDP NA. CHANGE INOP NOTE TO READ: FOR INOPERATIVE ALSF-2, INCREASE LPV ALL CATS VISIBILITY TO RVR 5500, LNAV/VNAV ALL CATS VISIBILITY TO 1 3/8 SM, AND LNAV CAT C/D/E VISIBILITY TO 1 5/8 SM. FROM SUNRISE TO SUNSET, DURING VMC CONDITIONS ONLY UNLESS ADVISED BY ATC. TEMPORARY CRANE 295FT MSL 1524FT SOUTHWEST OF RWY 04 (2017-ASW-4848-NRA), TEMPORARY CRANE, 186 FT MSL, 1376 FT EAST OF RWY 04 (2018-ASW-6111-NRA). 08 JAN 16:44 2019 UNTIL 23 JUL 16:44 2019 ESTIMATED. CREATED: 08 JAN 16:45 2019

FDC 9/2219 KHOU IAP WILLIAM P HOBBY, Houston, TX. ILS OR LOC RWY 4, AMDT 43... S-ILS 4 DA 388/HAT 344 ALL CATS, VISIBILITY ALL CATS RVR 4000. CHANGE INOP NOTE TO READ: FOR INOPERATIVE ALSF-2, INCREASE S-ILS 4 ALL CATS VISIBILITY TO RVR 5500; S-LOC 4 CAT C/D/E VISIBILITY TO 1 3/8. VDP NA. FROM SUNRISE TO SUNSET, DURING VMC CONDITIONS ONLY UNLESS ADVISED BY ATC. TEMPORARY CRANE 295FT MSL 1524FT SOUTHWEST OF RWY 04 (2017-ASW-4848-NRA), TEMPORARY CRANE, 186 FT MSL, 1376 FT EAST OF RWY 04 (2018-ASW-6111-NRA). 08 JAN 16:44 2019 UNTIL 23 JUL 16:44 2019 ESTIMATED. CREATED: 08 JAN 16:45 2019

FDC 9/2218 KHOU IAP WILLIAM P HOBBY, Houston, TX. ILS RWY 4 (SA CAT I), AMDT 43 ... ILS RWY 4 (CAT II AND III), AMDT 43 ... PROCEDURE NA. FROM SUNRISE TO SUNSET, DURING VMC CONDITIONS ONLY UNLESS ADVISED BY ATC. TEMPORARY CRANE 295FT MSL 1524FT SOUTHWEST OF RWY 04 (2017-ASW-4848-NRA), TEMPORARY CRANE, 186 FT MSL, 1376 FT EAST OF RWY 04

(2018-ASW-6111-NRA). 08 JAN 16:44 2019 UNTIL 23 JUL 16:44 2019 ESTIMATED.
CREATED: 08 JAN 16:45 2019

HOU 01/111 KHOU OBST TWR (ASN UNKNOWN) 293811N0951633W (0.40NM S HOU)
UNKNOWN (80FT AGL) FLAGGED DLY SR-SS 1901280506-1902012330

HOU 01/098 KHOU OBST POWER LINE LGT (ASN 2001-ASW-3160-OE)
294442N0951347W (6.5NM NNE HOU) 273FT (249FT AGL) OUT OF SERVICE
1901251605-1902091605

HOU 01/020 KHOU OBST CRANE (ASN UNKNOWN) 293809N0951622W (0.4NM W
APCH END RWY 31L) UNKNOWN (80FT AGL) FLAGGED . 1901050116-2001102300

HOU 01/116 KHOU OBST TOWER LGT (ASN UNKNOWN) 294327.84N0951341.53W
(6.2NM NNE HOU) 335FT (323FT AGL) U/S 1901290506-1902132300

ABQ 11/017 KZAB SVC HOLLOMAN APP IFR STANDBY SVC FOR
ALAMOGORDO-WHITE SANDS AP NOT AVBL 1811030541-1905312359

FDC 9/8658 KZAB AIRSPACE ADS-B, AUTO DEPENDENT SURVEILLANCE
REBROADCAST (ADS-R), TFC INFO SERVICE BCST (TIS-B), FLT INFO SERVICE BCST
(FIS-B) SERVICES MAY NOT BE AVBL WI AN AREA DEFINED AS 78NM RADIUS OF
370006N1010730W. AP AIRSPACE AFFECTED INCLUDES E42,PYX, DDC, GCK, JHN,
8V7, GUY, BGD. SFC-8000FT. 30 JAN 20:48 2019 UNTIL 11 FEB 22:00 2019 ESTIMATED.
CREATED: 30 JAN 20:49 2019

FDC 9/7840 KZAB TX..ROUTE ZAB ZFW. V530 TEXICO (TXO) VORTAC, TX TO
CHILDRESS (CDS) VORTAC, TX MOCA 5600. 29 JAN 18:38 2019 UNTIL 29 JAN 18:38
2021 ESTIMATED. CREATED: 29 JAN 18:39 2019

FDC 8/3729 KZAB AZ..ROUTE ZAB. V190 GRINE, AZ TO PEAKS, AZ MOCA 7200. 20
DEC 19:45 2018 UNTIL 01 AUG 19:45 2019 ESTIMATED. CREATED: 20 DEC 19:45 2018

FDC 8/2556 KZAB NM..ROUTE ZAB ZDV. V389 FOGLE, NM MCA 15600
NORTHBOUND. 18 DEC 17:09 2018 UNTIL 18 DEC 17:09 2020 ESTIMATED. CREATED:
18 DEC 17:09 2018

FDC 9/7842 KZFW TX..ROUTE ZFW ZAB. V530 TEXICO (TXO) VORTAC, TX TO
CHILDRESS (CDS) VORTAC, TX MOCA 5600. 29 JAN 18:39 2019 UNTIL 29 JAN 18:39
2021 ESTIMATED. CREATED: 29 JAN 18:40 2019

FDC 9/6266 KZFW TX..ROUTE ZFW. V14 LUBBOCK (LBB) VORTAC, TX TO
CHILDRESS (CDS) VORTAC, TX MEA 5100. 23 JAN 20:19 2019 UNTIL 23 JAN 20:19 2021
ESTIMATED. CREATED: 23 JAN 20:19 2019

FDC 8/2154 KZFW TX..ROUTE ZFW. V102 LUBBOCK (LBB) VORTAC, TX TO GUTHRIE

(GTH) VORTAC, TX MEA 8500. 27 NOV 23:10 2018 UNTIL 09 JUL 23:00 2019
ESTIMATED. CREATED: 27 NOV 23:11 2018

CXO 01/429 KZHU SVC DEL RIO APP OPN 1902011315-1902020041

CXO 01/428 KZHU SVC DEL RIO APP OPN 1901311315-1902010041

SUAC 01/820 KZHU AIRSPACE W59C ACT FL280-FL500 1902011415-1902011615

SUAC 01/819 KZHU AIRSPACE W59B ACT 5000FT UP TO BUT NOT INCLUDING FL280
1902011415-1902011459

SUAC 01/817 KZHU AIRSPACE W59A ACT 5000FT-FL500 1902011415-1902011459

SUAC 01/715 KZHU AIRSPACE W59C ACT FL280-FL500 1901312130-1901312330

SUAC 01/696 KZHU AIRSPACE W59C ACT FL280-FL500 1901311930-1901312130

FDC 9/6836 KZHU MS..ROUTE ZHU. V20 GULFPORT (GPT) VORTAC, MS R-061 TO
SEMMES (SJI) VORTAC, AL MEA 5000 EXCEPT FOR AIRCRAFT EQUIPPED WITH
SUITABLE RNAV SYSTEM WITH GPS. 25 JAN 14:17 2019 UNTIL 25 JAN 14:17 2021
ESTIMATED. CREATED: 25 JAN 14:18 2019

FDC 9/6243 KZHU TX..ROUTE ZHU. V306 AMUSE INT, TX TO JUNCTION (JCT)
VORTAC, TX MEA 5000 EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV
SYSTEM WITH GPS. JCT DME UNUSABLE BELOW 5000 MSL AT AMUSE INT. 23 JAN
19:49 2019 UNTIL 23 JAN 19:49 2021 ESTIMATED. CREATED: 23 JAN 19:49 2019

FDC 9/2373 KZHU AL..ROUTE ZHU. V198 BROOKLEY (BFM) VORTAC, AL R-242 TO
SAINT INT, AL DME REQUIRED EXCEPT FOR ACFT EQUIPPED WITH SUITABLE
RNAV SYSTEM WITH GPS. SJI VOR R-140 UNUSABLE. 08 JAN 19:31 2019 UNTIL 20
AUG 19:31 2019 ESTIMATED. CREATED: 08 JAN 19:31 2019

FDC 9/1270 KZHU TX..ROUTE ZHU. V198 HOBBY (HUB) VOR/DME, TX TO SABINE
PASS (SBI) VOR/DME, TX MEA 3100. 04 JAN 19:18 2019 UNTIL 16 AUG 19:07 2019
ESTIMATED. CREATED: 04 JAN 19:18 2019

FDC 8/5792 KZHU TX..ROUTE ZHU. V548 COUTH, TX TO SEALY, TX NA. 30 DEC 20:52
2018 UNTIL 30 DEC 20:52 2020 ESTIMATED. CREATED: 30 DEC 20:53 2018

FDC 8/5790 KZHU TX..ROUTE ZHU. V194 COUTH, TX TO SEALY, TX NA. 30 DEC 20:50
2018 UNTIL 30 DEC 20:50 2020 ESTIMATED. CREATED: 30 DEC 20:51 2018

FDC 8/3876 KZHU TX..LA..MS..AL..SPECIAL NOTICE..GULF OF MEXICO RNAV AND
ATLANTIC ROUTES PUBLISHED CO-DESIGNATION ON ENROUTE HIGH CHARTS
H-7, H-8, AND H-9 CHARTS. THE RNAV ROUTES Q100 AND Q102 WILL BE

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

KZHU A0275/19 KZHU EAGLE ZULU 4. MIL OPS IN GULF OF MEXICO WI AN AREA DEFINED AS 284700N890700W TO 281600N891900W TO 281600N890000W TO 280800N880000W TO 282400N880000W. 6000FT MSL - FL180, 31 JAN 21:30 2019 UNTIL 31 JAN 23:30 2019. CREATED: 31 JAN 16:33 2019

KZHU A0274/19 KZHU EAGLE ZULU 3. MIL OPS IN GULF OF MEXICO WI AN AREA DEFINED AS 291100N885000W TO 284700N890700W TO 282400N880000W TO 285100N880100W TO 290100N883600W. 6000FT MSL - FL180, 31 JAN 21:30 2019 UNTIL 31 JAN 23:30 2019. CREATED: 31 JAN 16:32 2019

KZHU A0273/19 KZHU VENIC AREA WI AN AREA DEFINED AS 292200N0893700W TO 285800N0895800W TO 280700N0884800W TO 283000N0882600W TO 285100N0885400W TO 290500N0884100W TO 291800N0885900W TO 290400N891200W TO POINT OF ORIGIN. FL190 - FL230, 31 JAN 21:30 2019 UNTIL 31 JAN 23:30 2019. CREATED: 31 JAN 16:31 2019

KZHU A0269/19 KZHU VENIC CORRIDOR AREA WI AN AREA DEFINED AS 292200N0893700W TO 285800N0895800W TO 280700N0884800W TO 283000N0882600W TO 285100N0885400W TO 290500N0884100W TO 291800N0885900W TO 290400N0891200W TO POINT OF ORIGIN. FL190 - FL230, 31 JAN 19:45 2019 UNTIL 31 JAN 21:30 2019. CREATED: 31 JAN 01:39 2019

KZHU A0267/19 KZHU VENIC AREA WI AN AREA DEFINED AS 292200N0893700W TO 285800N0895800W TO 280700N0884800W TO 283000N0882600W TO 285100N0885400W TO 290500N0884100W TO 291800N0885900W TO 290400N0891200W TO POINT OF ORIGIN. FL190 - FL230, 31 JAN 19:45 2019 UNTIL 31 JAN 21:30 2019. CREATED: 31 JAN 00:42 2019

KZHU A0265/19 KZHU EAGLE ZULU 4. MIL OPS IN GULF OF MEXICO WI AN AREA DEFINED AS 284700N890700W TO 281600N891900W TO 281600N890000W TO

280800N880000W TO 282400N880000W. 6000FT MSL - FL180, 31 JAN 19:15 2019 UNTIL 31 JAN 21:30 2019. CREATED: 31 JAN 00:35 2019

KZHU A0263/19 KZHU EAGLE ZULU 3. MIL OPS IN GULF OF MEXICO WI AN AREA DEFINED AS 291100N885000W TO 284700N890700W TO 282400N880000W TO 285100N880100W TO 290100N883600W. 6000FT MSL - FL180, 31 JAN 19:15 2019 UNTIL 31 JAN 21:30 2019. CREATED: 31 JAN 00:32 2019

KZHU A0096/16 KZHU 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. 4000FT - FL450, 21 JAN 20:45 2016 UNTIL PERM. CREATED: 21 JAN 20:52 2016

FDC 4/4386 FDC SPECIAL NOTICE... NATIONAL AIRSPACE SYSTEM INTERCEPT PROCEDURES. AVIATORS SHALL REVIEW THE FEDERAL AVIATION ADMINISTRATION AERONAUTICAL INFORMATION MANUAL (AIM) FOR INTERCEPTION PROCEDURES, CHAPTER 5, SECTION 6, PARAGRAPH 5-6-2. ALL AIRCRAFT OPERATING IN UNITED STATES NATIONAL AIRSPACE, IF CAPABLE, SHALL MAINTAIN A LISTENING WATCH ON VHF GUARD 121.5 OR UHF 243.0. IF AN AIRCRAFT IS INTERCEPTED BY U.S. MILITARY AIRCRAFT AND FLARES ARE DISPENSED, THE FOLLOWING PROCEDURES ARE TO BE FOLLOWED: FOLLOW THE INTERCEPT'S VISUAL SIGNALS, CONTACT AIR TRAFFIC CONTROL IMMEDIATELY ON THE LOCAL FREQUENCY OR ON VHF GUARD 121.5 OR UHF GUARD 243.0, AND COMPLY WITH THE INSTRUCTIONS GIVEN BY THE INTERCEPTING AIRCRAFT INCLUDING VISUAL SIGNALS IF UNABLE RADIO CONTACT. BE ADVISED THAT NONCOMPLIANCE MAY RESULT IN THE USE OF FORCE. WIE UNTIL UFN. CREATED: 19 MAY 14:12 2004

GPS 01/086 GPS NAV PRN 21 U/S 1901310715-1901311915

KICZ A0029/18 KICZ SECURITY..UNITED STATES OF AMERICA ADVISORY FOR PAKISTAN. THOSE PERSONS DESCRIBED IN PARAGRAPH A BELOW ARE ADVISED TO EXERCISE CAUTION WHEN FLYING INTO, OUT OF, WITHIN, OR OVER THE TERRITORY AND AIRSPACE OF PAKISTAN DUE TO EXTREMIST/MILITANT ACTIVITY. A. APPLICABILITY. THIS NOTAM APPLIES TO: ALL U.S. AIR CARRIERS AND COMMERCIAL OPERATORS; ALL PERSONS EXERCISING THE PRIVILEGES OF AN AIRMAN CERTIFICATE ISSUED BY THE FAA, EXCEPT SUCH PERSONS OPERATING U.S.-REGISTERED AIRCRAFT FOR A FOREIGN AIR CARRIER; AND ALL OPERATORS OF AIRCRAFT REGISTERED IN THE UNITED STATES, EXCEPT WHERE THE OPERATOR OF SUCH AIRCRAFT IS A FOREIGN AIR CARRIER. B. PLANNING. THOSE PERSONS DESCRIBED IN PARAGRAPH A PLANNING TO FLY INTO, OUT OF,

WITHIN, OR OVER THE ABOVE-NAMED AREA MUST REVIEW CURRENT SECURITY/THREAT INFORMATION AND NOTAMS AND COMPLY WITH ALL APPLICABLE FAA REGULATIONS, LETTERS OF AUTHORIZATION, MANAGEMENT SPECIFICATIONS, AND OPERATIONS SPECIFICATIONS, INCLUDING UPDATING B450. C. OPERATIONS. EXERCISE CAUTION DURING FLIGHT OPERATIONS. THERE ARE CONTINUING RISKS TO U.S. CIVIL AVIATION OPERATING IN THE TERRITORY AND AIRSPACE OF PAKISTAN DUE TO EXTREMIST/MILITANT ACTIVITY. THESE RISKS INCLUDE ATTACKS AGAINST AIRPORTS AND AIRCRAFT, PARTICULARLY FOR AIRCRAFT ON THE GROUND AND AIRCRAFT OPERATING AT LOW ALTITUDES, INCLUDING DURING THE ARRIVAL AND DEPARTURE PHASES OF FLIGHT. WHILE THERE HAVE BEEN NO REPORTS OF MAN-PORTABLE AIR DEFENSE SYSTEMS (MANPADS) BEING USED AGAINST CIVIL AVIATION IN THE TERRITORY AND AIRSPACE OF PAKISTAN, THERE IS A POTENTIAL RISK FOR EXTREMISTS/MILITANTS TO TARGET CIVIL AVIATION WITH MANPADS. THOSE PERSONS DESCRIBED IN PARAGRAPH A MUST REPORT SAFETY AND/OR SECURITY INCIDENTS TO THE FAA AT +1 202-267-3333 OR 1-844-412-1794. THE JUSTIFICATION FOR THIS ADVISORY WILL BE RE-EVALUATED BY 30 DEC 2019. ADDITIONAL INFORMATION IS PROVIDED AT: [HTTPS://WWW.FAA.GOV/AIR_TRAFFIC/PUBLICATIONS/US_RESTRICTIONS/](https://www.faa.gov/air_traffic/publications/us_restrictions/). SFC - UNL 30 DEC 16:10 2018 UNTIL 30 DEC 23:59 2019. CREATED: 30 DEC 16:09 2018

KICZ A0027/18 KICZ SECURITY..UNITED STATES OF AMERICA ADVISORY FOR THE KABUL FLIGHT INFORMATION REGION (OAKX). THOSE PERSONS DESCRIBED IN PARAGRAPH A BELOW ARE ADVISED TO EXERCISE EXTREME CAUTION WHEN FLYING INTO, OUT OF, WITHIN, OR OVER THE KABUL FLIGHT INFORMATION REGION (FIR) (OAKX) AND OPERATE ONLY ON ESTABLISHED AIR ROUTES AND AT ALTITUDES AT OR ABOVE FL330 TO THE MAXIMUM EXTENT POSSIBLE. HIGH ELEVATION TERRAIN IN PARTS OF AFGHANISTAN MAY CREATE THE POTENTIAL FOR SOME OF THE THREATS DESCRIBED IN PARAGRAPH C TO BE ENCOUNTERED AT OR ABOVE FL330 IN THOSE AREAS. SUCH PERSONS SHOULD ALSO MINIMIZE GROUND TIME IN AFGHANISTAN TO THE MAXIMUM EXTENT POSSIBLE. A. APPLICABILITY. THIS NOTAM APPLIES TO: ALL U.S. AIR CARRIERS AND COMMERCIAL OPERATORS; ALL PERSONS EXERCISING THE PRIVILEGES OF AN AIRMAN CERTIFICATE ISSUED BY THE FAA, EXCEPT SUCH PERSONS OPERATING U.S.-REGISTERED AIRCRAFT FOR A FOREIGN AIR CARRIER; AND ALL OPERATORS OF AIRCRAFT REGISTERED IN THE UNITED STATES, EXCEPT WHERE THE OPERATOR OF SUCH AIRCRAFT IS A FOREIGN AIR CARRIER. B. PLANNING. THOSE PERSONS DESCRIBED IN PARAGRAPH A PLANNING TO FLY INTO, OUT OF, WITHIN, OR OVER THE ABOVE-NAMED AREA MUST REVIEW CURRENT SECURITY/THREAT INFORMATION AND NOTAMS AND COMPLY WITH ALL APPLICABLE FAA REGULATIONS, OPERATIONS SPECIFICATIONS, MANAGEMENT SPECIFICATIONS, AND LETTERS OF AUTHORIZATION, INCLUDING UPDATING B450. C. OPERATIONS. EXERCISE EXTREME CAUTION DURING FLIGHT OPERATIONS. DUE TO ONGOING MILITARY OPERATIONS AND EXTREMIST/MILITANT ACTIVITY, TO THE MAXIMUM EXTENT POSSIBLE, OPERATE ONLY ON ESTABLISHED AIR ROUTES, AVOID OPERATING AT

ALTITUDES BELOW FL330, AND MINIMIZE GROUND TIME IN AFGHANISTAN. THE DETERIORATING SECURITY SITUATION IN AFGHANISTAN PRESENTS A SIGNIFICANTLY INCREASED CONCERN FOR U.S. CIVIL AVIATION INTERESTS, PARTICULARLY FOR AIRCRAFT ON THE GROUND AND AIRCRAFT OPERATING AT LOW ALTITUDES, INCLUDING DURING THE ARRIVAL AND DEPARTURE PHASES OF FLIGHT. THERE IS A RISK OF ATTACKS AGAINST U.S. CIVIL AVIATION IN THE KABUL FIR (OAKX). AIRPORTS/AIRFIELDS IN AFGHANISTAN MAY BE TARGETS OF DIRECT ASSAULT AND/OR INDIRECT FIRE AND ARE SUSCEPTIBLE TO INSIDER THREATS. AIRCRAFT ON THE GROUND AT AIRPORTS/AIRFIELDS HAVE BEEN DAMAGED OR DESTROYED BY INDIRECT ROCKET OR MORTAR FIRE FROM EXTREMIST/MILITANT ATTACKS. AIRCRAFT ARE AT RISK OF ENCOUNTERING ANTI-AIRCRAFT FIRE AND SHOULDER-FIRED MAN-PORTABLE AIR DEFENSE SYSTEMS (MANPADS), PARTICULARLY AT LOWER ALTITUDES. THOSE PERSONS DESCRIBED IN PARAGRAPH A MUST REPORT SAFETY AND/OR SECURITY INCIDENTS TO THE FAA AT +1 202-267-3333 OR 1-844-412-1794. THE JUSTIFICATION FOR THIS ADVISORY WILL BE RE-EVALUATED BY 24 DEC 2019. ADDITIONAL INFORMATION IS PROVIDED AT:

[HTTPS://WWW.FAA.GOV/AIR_TRAFFIC/PUBLICATIONS/US_RESTRICTIONS/](https://www.faa.gov/air_traffic/publications/us_restrictions/). SFC - FL329 23 DEC 15:50 2018 UNTIL 24 DEC 23:59 2019 ESTIMATED. CREATED: 23 DEC 15:54 2018

KICZ A0025/18 KICZ SECURITY..UNITED STATES OF AMERICA FLIGHT PROHIBITION AGAINST CERTAIN FLIGHTS IN THE DAMASCUS FLIGHT INFORMATION REGION (FIR) (OSTT) 14 CFR 91.1609 SPECIAL FEDERAL AVIATION REGULATION (SFAR) NO. 114 PROHIBITION AGAINST CERTAIN FLIGHTS IN THE DAMASCUS FLIGHT INFORMATION REGION (FIR) (OSTT) WAS PUBLISHED IN THE FEDERAL REGISTER ON 10 DEC 2018 AND WAS EFFECTIVE IMMEDIATELY. ADDITIONAL INFORMATION IS PROVIDED AT:

[HTTPS://WWW.FAA.GOV/AIR_TRAFFIC/PUBLICATIONS/US_RESTRICTIONS/](https://www.faa.gov/air_traffic/publications/us_restrictions/). SFC - UNL, 10 DEC 14:46 2018 UNTIL 30 DEC 23:59 2020 ESTIMATED. CREATED: 10 DEC 14:50 2018

KICZ A0023/18 KICZ SECURITY..UNITED STATES OF AMERICA PROHIBITION AGAINST CERTAIN FLTS IN THE BAGHDAD FLT INFO REGION (FIR) (ORBB) 14 CFR 91.1605 SPECIAL FEDERAL AVIATION REGULATION (SFAR) NO. 77 PROHIBITION AGAINST CERTAIN FLTS IN THE BAGHDAD FLT INFO REGION (FIR) (ORBB) WAS PUBLISHED IN THE FEDERAL REGISTER ON 26 OCT 2018 AND WAS EFFECTIVE IMMEDIATELY. ADDITIONAL INFO IS PROVIDED AT:

[HTTPS://WWW.FAA.GOV/AIR_TRAFFIC/PUBLICATIONS/US_RESTRICTIONS/](https://www.faa.gov/air_traffic/publications/us_restrictions/). SFC - FL259, 26 OCT 14:15 2018 UNTIL 26 OCT 23:59 2020. CREATED: 26 OCT 14:25 2018

KICZ A0021/18 KICZ SECURITY..UNITED STATES OF AMERICA FLIGHT PROHIBITION AGAINST CERTAIN FLIGHTS IN THE SIMFEROPOL (UKFV) FLIGHT INFORMATION REGION (FIR) AND DNIPROPETROVSK (UKDV) FIR 14 CFR 91.1607 SPECIAL FEDERAL AVIATION REGULATION (SFAR) NO. 113 PROHIBITION AGAINST CERTAIN FLIGHTS IN THE SIMFEROPOL (UKFV) FLIGHT INFORMATION

REGION (FIR) AND DNIPROPETROVSK (UKDV) FIR WAS PUBLISHED IN THE FEDERAL REGISTER ON 19 OCT 2018 AND WAS EFFECTIVE IMMEDIATELY. ADDITIONAL INFORMATION IS PROVIDED AT:
[HTTPS://WWW.FAA.GOV/AIR_TRAFFIC/PUBLICATIONS/US_RESTRICTIONS/](https://www.faa.gov/air_traffic/publications/us_restrictions/). SFC - UNL, 19 OCT 11:27 2018 UNTIL 27 OCT 23:59 2020. CREATED: 19 OCT 11:42 2018

KICZ A0018/18 KICZ SECURITY..UNITED STATES OF AMERICA FLIGHT PROHIBITION AGAINST CERTAIN FLIGHTS IN THE PYONGYANG FLIGHT INFORMATION REGION (FIR) (ZKKP) 14 CFR 91.1615 SPECIAL FEDERAL AVIATION REGULATION (SFAR) NO. 79 PROHIBITION AGAINST CERTAIN FLIGHTS IN THE PYONGYANG FIR (ZKKP) WAS PUBLISHED IN THE FEDERAL REGISTER ON 18 SEP 2018 AND WAS EFFECTIVE IMMEDIATELY. ADDITIONAL INFORMATION IS PROVIDED AT:
[HTTPS://WWW.FAA.GOV/AIR_TRAFFIC/PUBLICATIONS/US_RESTRICTIONS/](https://www.faa.gov/air_traffic/publications/us_restrictions/). SFC - UNL, 18 SEP 23:18 2018 UNTIL 18 SEP 23:59 2020. CREATED: 18 SEP 23:24 2018

KICZ A0016/18 KICZ SECURITY..UNITED STATES OF AMERICA ADVISORY FOR TEHRAN FLIGHT INFORMATION REGION (FIR) (OIIX). THOSE PERSONS DESCRIBED IN PARAGRAPH A (APPLICABILITY) BELOW ARE ADVISED TO EXERCISE CAUTION WHEN FLYING INTO, OUT OF, WITHIN, OR OVER THE TEHRAN FLIGHT INFORMATION REGION (FIR) (OIIX) DUE TO CONCERNS INVOLVING DECONFLICTION BETWEEN MILITARY ACTIVITIES AND CIVIL FLIGHT OPERATIONS. BEFORE OPERATING IN OR ADJACENT TO THE TEHRAN FIR (OIIX), CAREFULLY REVIEW CURRENT NOTAMS AND OTHER SOURCES OF AERONAUTICAL INFORMATION AND BE FAMILIAR WITH CURRENT CONDITIONS IN THE MIDDLE EAST. IRANIAN AVIATION AUTHORITIES MAY ISSUE NOTAMS OR OTHER AERONAUTICAL INFORMATION DESCRIBING REQUIRED PROCEDURES FOR ENTRY INTO THE TEHRAN FIR (OIIX). A. APPLICABILITY. THIS NOTAM APPLIES TO: ALL U.S. AIR CARRIERS AND COMMERCIAL OPERATORS; ALL PERSONS EXERCISING THE PRIVILEGES OF AN AIRMAN CERTIFICATE ISSUED BY THE FAA, EXCEPT SUCH PERSONS OPERATING U.S.-REGISTERED AIRCRAFT FOR A FOREIGN AIR CARRIER; AND ALL OPERATORS OF AIRCRAFT REGISTERED IN THE UNITED STATES, EXCEPT WHERE THE OPERATOR OF SUCH AIRCRAFT IS A FOREIGN AIR CARRIER. B. PLANNING. THOSE PERSONS DESCRIBED IN PARAGRAPH A (APPLICABILITY) PLANNING TO FLY INTO, OUT OF, WITHIN, OR OVER THE ABOVE-NAMED AREA MUST REVIEW CURRENT SECURITY/THREAT INFORMATION AND NOTAMS; COMPLY WITH ALL APPLICABLE FAA REGULATIONS, OPERATIONS SPECIFICATIONS, MANAGEMENT SPECIFICATIONS, AND LETTERS OF AUTHORIZATION, INCLUDING UPDATING B450. C. OPERATIONS. ANY PERSON DESCRIBED IN PARAGRAPH A (APPLICABILITY) PLANNING TO OPERATE INTO, OUT OF, WITHIN, OR OVER THE TEHRAN FIR (OIIX) SHOULD FILE A FLIGHT PLAN WELL IN ADVANCE AND CAREFULLY ADHERE TO THAT FLIGHT PLAN, UNLESS OTHERWISE DIRECTED BY AIR TRAFFIC CONTROL. ANY PERSON DESCRIBED IN PARAGRAPH A (APPLICABILITY) MAKING AN UNANTICIPATED LANDING IN IRAN SHOULD CONTACT THE FOREIGN INTERESTS SECTION AT THE SWISS EMBASSY IN TEHRAN FOR ANY NEEDED ASSISTANCE AT TELEPHONE

+98-21-2279-3912 OR +98-21-2279-3697. SFC - UNL 09 SEP 13:50 2018 UNTIL 09 SEP 23:59 2019. CREATED: 09 SEP 13:55 2018

KICZ A0014/18 KICZ SECURITY..UNITED STATES OF AMERICA ADVISORY FOR THE REPUBLIC OF SOUTH SUDAN THOSE PERSONS DESCRIBED IN PARAGRAPH A SHOULD EXERCISE CAUTION FLYING INTO, OUT OF, WITHIN OR OVER THE TERRITORY AND AIRSPACE OF SOUTH SUDAN AT ALTITUDES BELOW FL260 DUE TO THE POTENTIALLY HAZARDOUS SITUATION CREATED BY POLITICAL INSTABILITY AND FRAGILE SECURITY IN SOUTH SUDAN. A. APPLICABILITY. THIS NOTAM APPLIES TO: ALL U.S. AIR CARRIERS AND COMMERCIAL OPERATORS; ALL PERSONS EXERCISING THE PRIVILEGES OF AN AIRMAN CERTIFICATE ISSUED BY THE FAA, EXCEPT SUCH PERSONS OPERATING U.S.-REGISTERED AIRCRAFT FOR A FOREIGN AIR CARRIER; AND ALL OPERATORS OF AIRCRAFT REGISTERED IN THE UNITED STATES, EXCEPT WHERE THE OPERATOR OF SUCH AIRCRAFT IS A FOREIGN AIR CARRIER. B. PLANNING. PERSONS DESCRIBED IN PARAGRAPH A (APPLICABILITY) WHO INTEND TO FLY INTO, OUT OF, WITHIN, OR OVER THE ABOVE-NAMED AREA MUST REVIEW CURRENT SECURITY/THREAT INFORMATION AND NOTAMS; ENSURE THEIR OPERATIONS SPECIFICATION, MANAGEMENT SPECIFICATION, OR LETTER OF AUTHORIZATION B450 IS CURRENT; AND, TO THE MAXIMUM EXTENT POSSIBLE, PROVIDE ADVANCE NOTICE OF FLIGHTS, WITH SPECIFIC DETAILS, TO ASH-AXE-CITE-WATCH@FAA.GOV AT LEAST 72 HOURS PRIOR TO TAKEOFF. C. OPERATIONS. EXERCISE CAUTION DURING FLIGHT OPERATIONS DUE TO THE POTENTIAL RISK FROM SMALL-ARMS FIRE, ROCKET-PROPELLED GRENADES, HEAVY MACHINE GUNS, AND SHOULDER-FIRED MAN-PORTABLE AIR DEFENSE SYSTEMS (MANPADS). AIRSPACE DECONFLICTION REMAINS A POTENTIAL CONCERN DUE TO NUMEROUS THREATS TO SHOOT DOWN AIRCRAFT BY MULTIPLE PARTIES IN SOUTH SUDAN. THE RISK TO U.S. CIVIL AVIATION IS PRIMARILY WHILE ON THE GROUND AND AT LOW ALTITUDES DURING APPROACH AND DEPARTURE PHASES OF FLIGHT. THOSE PERSONS DESCRIBED IN PARAGRAPH A (APPLICABILITY) MUST REPORT SAFETY AND/OR SECURITY INCIDENTS TO THE FAA AT +1 202-267-3333 OR +1 202-267-3203. THE JUSTIFICATION FOR THIS ADVISORY WILL BE RE-EVALUATED BY 8 AUG 2019. ADDITIONAL INFORMATION IS PROVIDED AT: [HTTPS://WWW.FAA.GOV/AIR_TRAFFIC/PUBLICATIONS/US_RESTRICTIONS](https://www.faa.gov/air_traffic/publications/us_restrictions). SFC - FL259 08 AUG 11:45 2018 UNTIL 08 AUG 23:59 2019. CREATED: 08 AUG 11:35 2018

KICZ A0011/18 KICZ SECURITY..UNITED STATES OF AMERICA ADVISORY FOR KOREAN PENINSULA INCHEON FLIGHT INFORMATION REGION (FIR) (RKRR) THOSE PERSONS DESCRIBED IN PARAGRAPH A BELOW ARE ADVISED TO EXERCISE CAUTION WHEN FLYING IN THE INCHEON FIR (RKRR), ESPECIALLY NEAR SEOUL, SOUTH KOREA, DUE TO POSSIBLE INTERFERENCE WITH, OR DISRUPTION OF, THEIR GPS NAVIGATION SYSTEMS. A. APPLICABILITY. THIS NOTAM APPLIES TO: ALL U.S. AIR CARRIERS AND COMMERCIAL OPERATORS; ALL PERSONS EXERCISING THE PRIVILEGES OF AN AIRMAN CERTIFICATE ISSUED BY THE FAA, EXCEPT SUCH PERSONS OPERATING U.S.-REGISTERED AIRCRAFT

FOR A FOREIGN AIR CARRIER; AND ALL OPERATORS OF AIRCRAFT REGISTERED IN THE UNITED STATES, EXCEPT WHERE THE OPERATOR OF SUCH AIRCRAFT IS A FOREIGN AIR CARRIER. B. PLANNING. THOSE PERSONS DESCRIBED IN PARAGRAPH A FLIGHT PLANNING FOR AND OPERATING IN THE INCHEON FIR (RKRR) SHOULD BE PREPARED TO USE NON-GPS-DEPENDENT NAVIGATION AIDS; MUST REVIEW CURRENT SECURITY/THREAT INFORMATION AND NOTAMS; AND MUST COMPLY WITH ALL APPLICABLE FAA REGULATIONS, OPERATIONS SPECIFICATIONS, MANAGEMENT SPECIFICATIONS, AND LETTERS OF AUTHORIZATION, INCLUDING UPDATING B450. C. OPERATIONS. EXERCISE CAUTION DURING FLIGHT OPERATIONS. BETWEEN MARCH AND APRIL 2016, AVIATION NAVIGATION SYSTEMS IN THE VICINITY OF INCHEON INTERNATIONAL AIRPORT (RKSI) EXPERIENCED INTERFERENCE. THOSE PERSONS DESCRIBED IN PARAGRAPH A MUST REPORT ANY GPS INTERFERENCE OR DISRUPTION TO THE FAA AT AEO-CITEWATCH@FAA.GOV OR +1 202-267-3333 OR 1-844-412-1794. THE JUSTIFICATION FOR THIS ADVISORY WILL BE RE-EVALUATED BY 27 MAY 2019. ADDITIONAL INFORMATION IS PROVIDED AT: [HTTPS://WWW.FAA.GOV/AIR_TRAFFIC/PUBLICATIONS/US_RESTRICTIONS/](https://www.faa.gov/air_traffic/publications/us_restrictions/). SFC - UNL 27 MAY 14:24 2018 UNTIL 27 MAY 23:59 2019 ESTIMATED. CREATED: 27 MAY 14:28 2018

KICZ A0010/18 KICZ SECURITY..UNITED STATES OF AMERICA ADVISORY FOR THE SEA OF JAPAN AND FUKUOKA FLIGHT INFORMATION REGION (FIR) (RJJJ) THOSE PERSONS DESCRIBED IN PARAGRAPH A (APPLICABILITY) ARE ADVISED TO EXERCISE CAUTION WHEN FLYING OVER THE SEA OF JAPAN AND/OR IN THE FUKUOKA FIR (RJJJ) DUE TO UNANNOUNCED BALLISTIC MISSILE LAUNCHES BY NORTH KOREA. A. APPLICABILITY. THIS NOTAM APPLIES TO: ALL U.S. AIR CARRIERS AND COMMERCIAL OPERATORS; ALL PERSONS EXERCISING THE PRIVILEGES OF AN AIRMAN CERTIFICATE ISSUED BY THE FAA, EXCEPT SUCH PERSONS OPERATING U.S.-REGISTERED AIRCRAFT FOR A FOREIGN AIR CARRIER; AND ALL OPERATORS OF AIRCRAFT REGISTERED IN THE UNITED STATES, EXCEPT WHERE THE OPERATOR OF SUCH AIRCRAFT IS A FOREIGN AIR CARRIER. B. PLANNING. THOSE PERSONS DESCRIBED IN PARAGRAPH A (APPLICABILITY) WHO INTEND TO OPERATE OVER THE SEA OF JAPAN AND/OR IN THE FUKUOKA FIR (RJJJ) ARE ADVISED TO REVIEW CURRENT SECURITY/THREAT INFORMATION AND NOTAMS AND TO CONSIDER THAT INFORMATION IN THEIR RISK ASSESSMENTS AND FLIGHT PLANNING DECISIONS, INCLUDING BUT NOT LIMITED TO ROUTING AND DIVERSION FUEL PLANNING. C. OPERATIONS. EXERCISE CAUTION DURING FLIGHT OPERATIONS AS SOME PAST UNANNOUNCED BALLISTIC MISSILES LAUNCHED BY NORTH KOREA HAVE IMPACTED IN THE SEA OF JAPAN BEYOND THE BOUNDARIES OF THE PYONGYANG FIR (ZKKP) OR IMPACTED IN THE OCEAN EAST OF JAPAN IN THE FUKUOKA FIR (RJJJ). SUCH ACTIVITIES POSE A POTENTIAL SAFETY HAZARD TO U.S. CIVIL AVIATION OPERATING OVER THE SEA OF JAPAN AND IN THE FUKUOKA FIR (RJJJ). THOSE PERSONS DESCRIBED IN PARAGRAPH A MUST REPORT SAFETY AND/OR SECURITY INCIDENTS RELATED TO THIS NOTAM TO THE FAA AT +1 202-267-3333 OR +1 844-412-1794. THE JUSTIFICATION FOR THIS ADVISORY WILL BE

RE-EVALUATED BY 27 MAY 2019. ADDITIONAL INFORMATION IS PROVIDED AT:
[HTTPS://WWW.FAA.GOV/AIR_TRAFFIC/PUBLICATIONS/US_RESTRICTIONS/](https://www.faa.gov/air_traffic/publications/us_restrictions/). SFC -
UNL 27 MAY 14:21 2018 UNTIL 27 MAY 23:59 2019 ESTIMATED. CREATED: 27 MAY
14:25 2018

KICZ A0009/18 KICZ SECURITY..UNITED STATES OF AMERICA ADVISORY FOR
AIRSPACE IMMEDIATELY ADJACENT TO DAMASCUS FLIGHT INFORMATION
REGION (OSTT FIR). THOSE PERSONS DESCRIBED IN PARAGRAPH A BELOW ARE
ADVISED TO EXERCISE CAUTION WHEN OPERATING IN THE AIRSPACE WITHIN
200 NAUTICAL MILES OF THE DAMASCUS FLIGHT INFORMATION REGION (OSTT
FIR) DUE TO HEIGHTENED MILITARY ACTIVITY IN OR AROUND SYRIA. THIS
MILITARY ACTIVITY MIGHT INCLUDE GPS INTERFERENCE, COMMUNICATIONS
JAMMING, AND POSSIBLE ERRANT LONG-RANGE SURFACE-TO-AIR MISSILES
ORIGINATING FROM SYRIAN TERRITORY, WITHIN THE OSTT FIR, AND STRAYING
INTO ADJACENT AIRSPACE, THAT COULD POSE AN INADVERTENT RISK TO U.S.
CIVIL AVIATION OPERATING IN THIS REGION. TITLE 14, CODE OF FEDERAL
REGULATIONS, SECTION 91.1609, SPECIAL FEDERAL AVIATION REGULATION NO.
114PROHIBITION AGAINST CERTAIN FLIGHTS IN THE DAMASCUS FIR REMAINS IN
EFFECT. A. APPLICABILITY. THIS NOTAM APPLIES TO: ALL U.S. AIR CARRIERS
AND COMMERCIAL OPERATORS; ALL PERSONS EXERCISING THE PRIVILEGES OF
AN AIRMAN CERTIFICATE ISSUED BY THE FAA, EXCEPT SUCH PERSONS
OPERATING U.S.-REGISTERED AIRCRAFT FOR A FOREIGN AIR CARRIER; AND ALL
OPERATORS OF AIRCRAFT REGISTERED IN THE UNITED STATES, EXCEPT WHERE
THE OPERATOR OF SUCH AIRCRAFT IS A FOREIGN AIR CARRIER. B. PLANNING.
THOSE PERSONS DESCRIBED IN PARAGRAPH A PLANNING TO OPERATE WITHIN
200 NAUTICAL MILES OF THE OSTT FIR SHOULD EXERCISE CAUTION AND MUST
REVIEW CURRENT SECURITY/THREAT INFORMATION AND NOTAMS AND
COMPLY WITH ALL APPLICABLE FAA REGULATIONS, OPERATIONS
SPECIFICATIONS, MANAGEMENT SPECIFICATIONS, AND LETTERS OF
AUTHORIZATION, INCLUDING UPDATING B450. C. OPERATIONS. EXERCISE
CAUTION DURING FLIGHT OPERATIONS IN THE ABOVE NAMED AREA DUE TO
HEIGHTENED MILITARY ACTIVITY IN OR AROUND SYRIA AND THE POTENTIAL
RISK TO U.S. CIVIL AVIATION IN THE REGION. THOSE PERSONS DESCRIBED IN
PARAGRAPH A MUST REPORT ANY SAFETY/SECURITY INCIDENTS TO THE FAA AT
ASH-AXE-CITE-WATCH@FAA.GOV OR +1 202-267-3333 OR 1-844-412-1794.
ADDITIONAL INFORMATION IS PROVIDED AT:
[HTTPS://WWW.FAA.GOV/AIR_TRAFFIC/PUBLICATIONS/US_RESTRICTIONS/](https://www.faa.gov/air_traffic/publications/us_restrictions/). SFC -
UNL 14 APR 00:16 2018 UNTIL PERM. CREATED: 14 APR 01:04 2018

KICZ A0007/18 KICZ SECURITY..UNITED STATES OF AMERICA ADVISORY FOR
EGYPT SINAI PENINSULA THOSE PERSONS DESCRIBED IN PARAGRAPH A BELOW
SHOULD AVOID FLYING INTO, OUT OF, WITHIN OR OVER THE SINAI PENINSULA
IN THE CAIRO FLIGHT INFORMATION REGION (FIR) (HECC) AT ALTITUDES BELOW
FL260 WITHIN THE FOLLOWING LATERAL LIMITS: 311855N 0321900E TO 294443N
0322815E TO 281650N 0331928E TO 272900N 0341900E TO 292920N 0345500E THEN
ALONG THE EGYPT/ISRAEL BORDER TO 311800N 0341300E TO 311855N 0321900E. A.

APPLICABILITY. THIS NOTAM APPLIES TO: ALL U.S. AIR CARRIERS AND COMMERCIAL OPERATORS; ALL PERSONS EXERCISING THE PRIVILEGES OF AN AIRMAN CERTIFICATE ISSUED BY THE FAA, EXCEPT SUCH PERSONS OPERATING U.S.-REGISTERED AIRCRAFT FOR A FOREIGN AIR CARRIER; AND ALL OPERATORS OF AIRCRAFT REGISTERED IN THE UNITED STATES, EXCEPT WHERE THE OPERATOR OF SUCH AIRCRAFT IS A FOREIGN AIR CARRIER. B. PLANNING. THOSE PERSONS DESCRIBED IN PARAGRAPH A PLANNING TO FLY INTO, OUT OF, WITHIN, OR OVER THE ABOVE-NAMED AREA MUST REVIEW CURRENT SECURITY/THREAT INFORMATION AND NOTAMS; COMPLY WITH ALL APPLICABLE FAA REGULATIONS, OPERATIONS SPECIFICATIONS, MANAGEMENT SPECIFICATIONS, AND LETTERS OF AUTHORIZATION, INCLUDING UPDATING B450; AND PROVIDE AT LEAST 72 HOURS ADVANCE NOTICE OF PLANNED FLIGHTS TO THE FAA AT AEO-CITEWATCH@FAA.GOV WITH SPECIFIC FLIGHT DETAILS TO THE MAXIMUM EXTENT POSSIBLE. C. OPERATIONS. EXERCISE EXTREME CAUTION DURING FLIGHT OPERATIONS DUE TO THE RISK FROM POTENTIAL EXTREMIST/MILITANT ATTACKS INVOLVING ANTI-AIRCRAFT WEAPONS, INCLUDING MAN-PORTABLE AIR DEFENSE SYSTEMS (MANPADS), ANTI-TANK MISSILES, SMALL-ARMS FIRE, AND INDIRECT FIRE FROM MORTARS AND ROCKETS TARGETING AIRCRAFT AND SINAI AIRPORTS. THOSE PERSONS DESCRIBED IN PARAGRAPH A MUST REPORT SAFETY AND/OR SECURITY INCIDENTS TO THE FAA AT +1 202-267-3333 OR 1 202-267-3203. THE JUSTIFICATION FOR THIS ADVISORY WILL BE RE-EVALUATED BY 30 MARCH 2019. ADDITIONAL INFORMATION IS PROVIDED AT:
[HTTPS://WWW.FAA.GOV/AIR_TRAFFIC/PUBLICATIONS/US_RESTRICTIONS/](https://www.faa.gov/air_traffic/publications/us_restrictions/). SFC - FL259 30 MAR 10:45 2018 UNTIL 30 MAR 10:45 2019. CREATED: 30 MAR 10:45 2018

KICZ A0005/18 KICZ SECURITY..UNITED STATES OF AMERICA ADVISORY FOR MALI. THOSE PERSONS DESCRIBED IN PARAGRAPH A BELOW SHOULD AVOID FLYING INTO, OUT OF, WITHIN OR OVER THE TERRITORY AND AIRSPACE OF MALI AT ALTITUDES BELOW FL260 DUE TO ONGOING FIGHTING AND EXTREMIST/MILITANT ACTIVITY. A. APPLICABILITY. THIS NOTAM APPLIES TO: ALL U.S. AIR CARRIERS AND COMMERCIAL OPERATORS; ALL PERSONS EXERCISING THE PRIVILEGES OF AN AIRMAN CERTIFICATE ISSUED BY THE FAA, EXCEPT SUCH PERSONS OPERATING U.S.-REGISTERED AIRCRAFT FOR A FOREIGN AIR CARRIER; AND ALL OPERATORS OF AIRCRAFT REGISTERED IN THE UNITED STATES, EXCEPT WHERE THE OPERATOR OF SUCH AIRCRAFT IS A FOREIGN AIR CARRIER. B. PLANNING. THOSE PERSONS DESCRIBED IN PARAGRAPH A PLANNING TO FLY INTO, OUT OF, WITHIN, OR OVER THE ABOVE-NAMED AREA AT ALTITUDES BELOW FL260 MUST REVIEW CURRENT SECURITY/THREAT INFORMATION AND NOTAMS; COMPLY WITH ALL APPLICABLE FAA REGULATIONS, OPERATIONS SPECIFICATIONS, MANAGEMENT SPECIFICATIONS, AND LETTERS OF AUTHORIZATION, INCLUDING UPDATING B450; AND PROVIDE AT LEAST 72 HOURS ADVANCE NOTICE OF PLANNED FLIGHTS TO THE FAA AT AEO-CITEWATCH@FAA.GOV WITH SPECIFIC FLIGHT DETAILS TO THE MAXIMUM EXTENT POSSIBLE. C. OPERATIONS. EXERCISE CAUTION DURING FLIGHT OPERATIONS DUE TO THE POSSIBILITY OF ATTACKS ON CIVIL AVIATION BY

EXTREMISTS/MILITANTS. AIRCRAFT MAY ENCOUNTER FIRE FROM SMALL ARMS; INDIRECT FIRE WEAPONS, SUCH AS MORTARS AND ROCKETS; AND ANTI-AIRCRAFT CAPABLE WEAPONS, INCLUDING MAN-PORTABLE AIR DEFENSE SYSTEMS (MANPADS). SUCH WEAPONS COULD TARGET AIRCRAFT AT LOW ALTITUDES, INCLUDING DURING THE ARRIVAL AND DEPARTURE PHASES OF FLIGHT, AND/OR AIRPORTS AND AIRCRAFT ON THE GROUND. THOSE PERSONS DESCRIBED IN PARAGRAPH A MUST REPORT SAFETY AND/OR SECURITY INCIDENTS TO THE FAA AT +1 202-267-3333 OR +1 202-267-3203. THE JUSTIFICATION FOR THIS ADVISORY WILL BE RE-EVALUATED BY 26 FEBRUARY 2019.

ADDITIONAL INFORMATION IS PROVIDED AT:

[HTTPS://WWW.FAA.GOV/AIR_TRAFFIC/PUBLICATIONS/US_RESTRICTIONS/](https://www.faa.gov/air_traffic/publications/us_restrictions/). SFC - FL259 26 FEB 12:00 2018 UNTIL 26 FEB 23:59 2019 ESTIMATED. CREATED: 26 FEB 12:00 2018

KICZ A0003/18 KICZ SECURITY..UNITED STATES OF AMERICA ADVISORY FOR KENYA THOSE PERSONS DESCRIBED IN PARAGRAPH A BELOW ARE ADVISED TO EXERCISE CAUTION WHEN FLYING INTO, OUT OF, WITHIN, OR OVER THE TERRITORY AND AIRSPACE OF KENYA EAST OF 40 DEGREES EAST LONGITUDE AT ALTITUDES BELOW FL260 DUE TO THE POSSIBILITY OF EXTREMIST/MILITANT ACTIVITY. A. APPLICABILITY. THIS NOTAM APPLIES TO: ALL U.S. AIR CARRIERS AND COMMERCIAL OPERATORS; ALL PERSONS EXERCISING THE PRIVILEGES OF AN AIRMAN CERTIFICATE ISSUED BY THE FAA, EXCEPT SUCH PERSONS OPERATING U.S.-REGISTERED AIRCRAFT FOR A FOREIGN AIR CARRIER; AND ALL OPERATORS OF AIRCRAFT REGISTERED IN THE UNITED STATES, EXCEPT WHERE THE OPERATOR OF SUCH AIRCRAFT IS A FOREIGN AIR CARRIER. B. PLANNING. THOSE PERSONS DESCRIBED IN PARAGRAPH A PLANNING TO FLY INTO, OUT OF, WITHIN, OR OVER THE ABOVE-NAMED AREA MUST REVIEW CURRENT SECURITY/THREAT INFORMATION AND NOTAMS AND COMPLY WITH ALL APPLICABLE FAA REGULATIONS, LETTERS OF AUTHORIZATION, MANAGEMENT SPECIFICATIONS, AND OPERATIONS SPECIFICATIONS, INCLUDING UPDATING B450. C. OPERATIONS. EXERCISE CAUTION DURING FLIGHT OPERATIONS DUE TO THE POSSIBILITY OF ATTACKS BY EXTREMISTS/MILITANTS ON U.S. CIVIL AVIATION. AIRCRAFT MAY ENCOUNTER VARIOUS WEAPONS, INCLUDING SMALL ARMS; INDIRECT FIRE WEAPONS, SUCH AS MORTARS AND ROCKETS; AND ANTI-AIRCRAFT-CAPABLE WEAPONS, INCLUDING MAN-PORTABLE AIR DEFENSE SYSTEMS (MANPADS). ANTI-AIRCRAFT-CAPABLE WEAPONS COULD TARGET AIRCRAFT AT LOW ALTITUDES, INCLUDING DURING THE ARRIVAL AND DEPARTURE PHASES OF FLIGHT, AND OTHER WEAPONS COULD TARGET AIRPORTS AND AIRCRAFT ON THE GROUND. THOSE PERSONS DESCRIBED IN PARAGRAPH A MUST REPORT SAFETY AND/OR SECURITY INCIDENTS TO THE FAA AT +1 202-267-3333 OR +1 202-267-3203. THE JUSTIFICATION FOR THIS ADVISORY WILL BE RE-EVALUATED BY 26 FEBRUARY 2019. ADDITIONAL INFORMATION IS PROVIDED AT:

[HTTP://WWW.FAA.GOV/AIR_TRAFFIC/PUBLICATIONS/US_RESTRICTIONS/](http://www.faa.gov/air_traffic/publications/us_restrictions/). SFC - FL259 26 FEB 12:00 2018 UNTIL 26 FEB 23:59 2019 ESTIMATED. CREATED: 26 FEB 11:48 2018

KICZ A0029/17 KICZ SECURITY..UNITED STATES OF AMERICA FLIGHT PROHIBITION AGAINST CERTAIN FLIGHTS IN SPECIFIED AREAS OF THE SANAA (OYSC) FLIGHT INFORMATION REGION (FIR) 14 CFR 91.1611 SPECIAL FEDERAL AVIATION REGULATION (SFAR) NO. 115 PROHIBITION AGAINST CERTAIN FLIGHTS IN SPECIFIED AREAS OF THE SANAA (OYSC) FLIGHT INFORMATION REGION (FIR) WAS PUBLISHED IN THE FEDERAL REGISTER ON 14 DEC 2017 AND WAS EFFECTIVE IMMEDIATELY. ADDITIONAL INFORMATION IS PROVIDED AT: [HTTPS://WWW.FAA.GOV/AIR_TRAFFIC/PUBLICATIONS/US_RESTRICTIONS/](https://www.faa.gov/air_traffic/publications/us_restrictions/). SFC - UNL, 14 DEC 11:55 2017 UNTIL 07 JAN 23:59 2020. CREATED: 14 DEC 11:52 2017

KICZ A0027/17 KICZ SECURITY..UNITED STATES OF AMERICA FLIGHT PROHIBITION AGAINST CERTAIN FLIGHTS IN THE TERRITORY AND AIRSPACE OF SOMALIA 14 CFR 91.1613 SPECIAL FEDERAL AVIATION REGULATION (SFAR) NO. 107 PROHIBITION AGAINST CERTAIN FLIGHTS IN THE TERRITORY AND AIRSPACE OF SOMALIA WAS PUBLISHED IN THE FEDERAL REGISTER ON 13 DEC 2017 AND WAS EFFECTIVE IMMEDIATELY. ADDITIONAL INFORMATION IS PROVIDED AT: [HTTPS://WWW.FAA.GOV/AIR_TRAFFIC/PUBLICATIONS/US_RESTRICTIONS/](https://www.faa.gov/air_traffic/publications/us_restrictions/). SFC - FL259, 13 DEC 14:10 2017 UNTIL 07 JAN 23:59 2020. CREATED: 13 DEC 14:14 2017

KICZ A0007/17 KICZ SECURITY..UNITED STATES OF AMERICA FLIGHT PROHIBITION AGAINST CERTAIN FLIGHTS WITHIN THE TRIPOLI (HLLL) FLIGHT INFORMATION REGION (FIR) 14 CFR 91.1603 SPECIAL FEDERAL AVIATION REGULATION (SFAR) NO. 112 EXTENSION OF THE PROHIBITION AGAINST CERTAIN FLIGHTS WITHIN THE TRIPOLI (HLLL) FLIGHT INFORMATION REGION (FIR) IS PUBLISHED IN THE FEDERAL REGISTER AND IS NOW EFFECTIVE. ADDITIONAL INFORMATION IS PROVIDED AT: [HTTPS://WWW.FAA.GOV/AIR_TRAFFIC/PUBLICATIONS/US_RESTRICTIONS/](https://www.faa.gov/air_traffic/publications/us_restrictions/). SFC - UNL, 20 MAR 22:17 2017 UNTIL 20 MAR 23:59 2019. CREATED: 20 MAR 22:27 2017

KGRF M0065/19 KZ99 REDUCED COVERAGE FOR RATTLESNAKE FREQUENCY FM 30.025 MHZ IN THE AREA OF WEST RATTLESNAKE. 29 JAN 23:29 2019 UNTIL 28 FEB 23:59 2019. CREATED: 29 JAN 23:29 2019

KGRF M0019/19 KZ99 BALD EAGLE PROTECTION MEASURES IN EFFECT. NO FLIGHT PERMITTED BELOW 300 AGL ON NORTH FLIGHT ROUTE FROM ACP COTTONWOOD TO ACP VINEYARD, ON EAST ROUTE FROM ACP SOURDOUGH TO ACP VINEYARD, AND ALONG THE WEST BANK OF THE COLUMBIA RIVER. 11 JAN 17:18 2019 UNTIL 11 MAR 23:59 2019. CREATED: 11 JAN 17:18 2019

MHTG A0064/19 MHCC TRIGGER NOTAM- BELIZE AIRAC AIP SUP 03/18 WEF 31 JAN 2019. IMPLEMENTATION OF NEW AREA NAVIGATION ROUTES (RNAV 5) IN FIR/UIR CENTRAL AMERICA WITHIN BELIZE AIRSPACE. 31 JAN 12:57 2019 UNTIL 13 FEB 23:59 2019. CREATED: 31 JAN 12:59 2019

MHTG A0063/19 MHCC BELIZE AIRSPACE AFFECTED CTN TEMPO RESTRICTED

AREA ESTABLISHED AT 1963 LINE ACTIVATED WITHIN 3 NM RADIUS CENTERED ON COORD 170000N 0890000W DUE TO MILITARY LIVE FIRING OF AMMUNITION. GND - 7000FT AGL CNN018E LOCATION = MHCC AND SERIES = A DOES NOT EXIST CNN002E VALIDATE FAILED, 04 FEB 06:01 2019 UNTIL 16 FEB 05:59 2019. CREATED: 31 JAN 13:00 2019

MHTG B0004/19 MHCC BELIZE AIRSPACE AFFECTED: CTN DANGER AREA MZD04 (HATTIEVILLE GALLERY RANGE) ACT DUE TO SMALL ARMS AND SIMULATION FIRING WITH CENTER COORD:1728N08825W. GND - 1000FT AGL CNN018E LOCATION = MHCC AND SERIES = B DOES NOT EXIST CNN002E VALIDATE FAILED, 31 JAN 13:40 2019 UNTIL 01 APR 05:00 2019. CREATED: 31 JAN 14:00 2019

MHTG C0017/19 MHCC ESPACIO AEREO DE GUATEMALA AFECTADO POR: VUELOS ACROBATICOS SE REALIZARAN DENTRO DE UN RADIO DE 05 MILLAS NAUTICAS AL CENTRO DE LAS COORDENADAS 135632N 0904410W (AERoclub IZTAPA ESCUINTLA) AERONAVES EJERCER PRECAUCION. SFC - 1500FT AMSL, 02 FEB 16:00 2019 UNTIL 02 FEB 22:30 2019. CREATED: 31 JAN 04:32 2019

MMMX A0486/19 MMSM ACT MIL AREA MMR-112. GND - 17000 FT AMSL, 1400/2359 DLY, 28 JAN 14:00 2019 UNTIL 01 FEB 23:59 2019. CREATED: 28 JAN 02:36 2019

MHTG C0005/19 MRXX PRECAUCION POR SALTOS DE PARACAIDISMO PLAYA SANTA TERESA COBANO DE PUNTARENAS CON CENTRO EN LAS COORDENADAS 0938N 08509W EN UN RADIO DE 5 MILLAS NAUTICAS SUJETO A TRAFICO Y CON AUTORIZACION ATC. SFC - 13500FT AMSL, 1800-2300, 31 JAN 01:34 2019 UNTIL 15 FEB 23:00 2019. CREATED: 31 JAN 01:34 2019

MUHA A0230/19 MUXX AIRSPACE RESERVATION WILL TAKE PLACE WI FLW COORD: 2244N08235W 2243N08235W 2243N08234W 2244N08234W TO ORIGIN POINT (GUANIMAR/ARTEMISA). SFC - FL020, 1300/1700 1900/2100, 31 JAN 13:00 2019 UNTIL 31 JAN 21:00 2019. CREATED: 30 JAN 23:09 2019

MUHA A0224/19 MUXX EXER WILL TAKE PLACE WI FLW COORD: 2308N08121W 2313N08108W 2311N08106W 2305N08117W TO ORIGIN POINT (PENINSULA DE HICACOS/MATANZAS) DUE PARAMOTORS FLT. SFC - FL010, 31 JAN 12:00 2019 UNTIL 31 JAN 23:00 2019. CREATED: 30 JAN 23:03 2019

MUHA A0223/19 MUXX EXER WILL TAKE PLACE WI FLW COORD: 2006N07545W 2005N07546W 2004N07555W 2006N07555W TO ORIGIN POINT (ALTURA DE BONIATO/SANTIAGO DE CUBA) DUE PARAGLIDING FLT. SFC - FL020, 31 JAN 17:00 2019 UNTIL 31 JAN 22:00 2019. CREATED: 30 JAN 23:02 2019

MUHA A0044/19 MUXX TELEVISION TOWER TELEVILLA LOC 2302N08227W HGT 225 M OBST LGT U/S. 09 JAN 19:59 2019 UNTIL 31 JAN 23:59 2019. CREATED: 09 JAN 20:00 2019

MUHA A4904/18 MUXX AIRSPACE RESERVATION WILL TAKE PLACE RDO 3NM CENTERED COORD: 2003N07549W (SANTIAGO DE CUBA / SANTIAGO DE CUBA). SFC - UNL, 31 DEC 14:00 2018 UNTIL 03 JAN 23:59 2019 ESTIMATED. CREATED: 31 DEC 13:56 2018

MYNN B0024/16 MYXX PERIMETER FENCE ERECTED AT FARMERS CAY 8FT IN HEIGHT ON THE APCH END OF RWY 36 MARKED WITH CHECKERED FLAG. 03 OCT 15:34 2016 UNTIL PERM. CREATED: 03 OCT 18:09 2016

MYNN A0277/10 MYXX REF MYCP (PITTS TOWN AD) NEW WIDTH RWY 10/28 AT PITTS TOWN 40FT LENGTH 3500FT. 22 OCT 19:30 2010 UNTIL PERM. CREATED: 21 OCT 19:39 2010

MHTG B0003/19 MZLH NORTHERN TWO CAYES AERODROME (MZLH) WITH COORD 172300N 0873100W CLOSED DUE TO REHABILITATION WORKS. 31 JAN 13:03 2019 UNTIL 28 FEB 23:59 2019. CREATED: 31 JAN 13:05 2019

MHTG B0072/18 MZLH NORTHERN TWO CAYES AERODROME (MZLH) WITH COORD 172300N 0873100W CLOSED DUE TO REHABILITATION WORKS. 30 NOV 17:38 2018 UNTIL 28 FEB 23:59 2019. CREATED: 30 NOV 17:43 2018

FDC 8/4356 OH56 SPECIAL DAYTON, OH. WEPID ONE DEPARTURE... PROCEDURE CANCELLED. 24 DEC 00:30 2018 UNTIL 31 DEC 23:59 2019. CREATED: 24 DEC 00:22 2018

FDC 8/4355 OH56 SPECIAL DAYTON, OH. COPTER RNAV (GPS) 35, ORIG... PROCEDURE CANCELLED. 24 DEC 00:30 2018 UNTIL 31 DEC 23:59 2019. CREATED: 24 DEC 00:22 2018

KUSA V0158/18 RKSG [US DOD PROCEDURAL NOTAM] INSTRUMENT APPROACH PROCEDURE CHANGED RNAV (GPS) RWY 32, AMDT 1 ... CIRCLING CAT A/B/C MDA 660/HAA 607, VISIBILITY CAT C 1 3/4; DUE TO TEMP CRANE 3900FT SW OF RWY 14 APPROACH END OF RWY - UNTIL FEB 2020. 12 OCT 13:02 2018 UNTIL 31 JAN 23:59 2019. CREATED: 12 OCT 13:02 2018

KUSA V0157/18 RKSG [US DOD PROCEDURAL NOTAM] INSTRUMENT APPROACH PROCEDURE CHANGED ILS OR LOC RWY 32, ORIG ... PYONG FIX MINIMUMS CIRCLING CAT A/B/C MDA 660/HAA 607, VISIBILITY CAT C 1 3/4; DUE TO TEMP CRANE 3900FT SW OF RWY 14 APPROACH END OF RWY - UNTIL FEB 2020. 12 OCT 13:01 2018 UNTIL 31 JAN 23:59 2019. CREATED: 12 OCT 13:01 2018

FDC 9/6286 KZFW TX..AIRSPACE SAN ANGELO, TX..TEMPORARY FLIGHT RESTRICTIONS. JANUARY 31-FEBRUARY 1, 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 5 NM RADIUS OF 311514N1002321W (SJT145008.0) 3500FT MSL-FL180 EFFECTIVE 1901311500 UTC (0900 LOCAL 01/31/19) UNTIL 1902010900 UTC (0300 LOCAL 02/01/19). EXCEPT AS SPECIFIED BELOW AND/OR UNLESS AUTHORIZED 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. 31 JAN 15:00 2019 UNTIL 01 FEB 09:00 2019. CREATED: 23 JAN 20:34 2019

FDC 9/8638 KZFW TX..AIRSPACE SAN ANGELO, TX..TEMPORARY FLIGHT RESTRICTIONS. FEBRUARY 5-6, 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 311514N1002321W (SJT145008.0) 3500FT MSL-FL180 EFFECTIVE 1902051500 UTC (0900 LOCAL 02/05/19) UNTIL 1902060900 UTC (0300 LOCAL 02/06/19). EXCEPT AS SPECIFIED BELOW AND/OR UNLESS AUTHORIZED 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. 05 FEB 15:00 2019 UNTIL 06 FEB 09:00 2019. CREATED: 30 JAN 20:42 2019

FDC 9/6287 KZFW TX..AIRSPACE SAN ANGELO, TX..TEMPORARY FLIGHT RESTRICTIONS. FEBRUARY 1-2, 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 5 NM RADIUS OF 311514N1002321W (SJT145008.0) 3500FT MSL-FL180 EFFECTIVE 1902011500 UTC (0900 LOCAL 02/01/19) UNTIL 1902020900 UTC (0300 LOCAL 02/02/19). EXCEPT AS SPECIFIED BELOW AND/OR UNLESS AUTHORIZED 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. 01 FEB 15:00 2019 UNTIL 02 FEB 09:00 2019. CREATED: 23 JAN 20:34 2019

FDC 9/8639 KZFW TX..AIRSPACE SAN ANGELO, TX..TEMPORARY FLIGHT RESTRICTIONS. FEBRUARY 6-7, 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 311514N1002321W (SJT145008.0) 3500FT MSL-FL180 EFFECTIVE 1902061500 UTC (0900 LOCAL 02/06/19) UNTIL 1902070900 UTC (0300 LOCAL 02/07/19). EXCEPT AS SPECIFIED BELOW AND/OR UNLESS AUTHORIZED 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. 06 FEB 15:00 2019 UNTIL 07 FEB 09:00 2019. CREATED: 30 JAN 20:43 2019

FDC 9/8637 KZFW TX..AIRSPACE SAN ANGELO, TX..TEMPORARY FLIGHT RESTRICTIONS. FEBRUARY 4-5, 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 311514N1002321W (SJT145008.0) 3500FT MSL-FL180 EFFECTIVE 1902041500 UTC (0900 LOCAL 02/04/19) UNTIL 1902050900 UTC (0300 LOCAL 02/05/19). EXCEPT AS SPECIFIED BELOW AND/OR UNLESS AUTHORIZED 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. 04 FEB 15:00 2019 UNTIL 05 FEB 09:00 2019. CREATED: 30 JAN 20:42 2019

FDC 9/8640 KZFW TX..AIRSPACE SAN ANGELO, TX..TEMPORARY FLIGHT RESTRICTIONS. FEBRUARY 7-8, 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 311514N1002321W (SJT145008.0) 3500FT MSL-FL180 EFFECTIVE 1902071500 UTC (0900 LOCAL 02/07/19) UNTIL 1902080900 UTC (0300 LOCAL 02/08/19). EXCEPT AS SPECIFIED BELOW AND/OR UNLESS AUTHORIZED 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. 07 FEB 15:00 2019 UNTIL 08 FEB 09:00 2019. CREATED: 30 JAN 20:44 2019

FDC 9/8643 KZFW TX..AIRSPACE SAN ANGELO, TX..TEMPORARY FLIGHT RESTRICTIONS. FEBRUARY 8-9, 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 311514N1002321W (SJT145008.0) 3500FT MSL-FL180 EFFECTIVE 1902081500 UTC (0900

LOCAL 02/08/19) UNTIL 1902090900 UTC (0300 LOCAL 02/09/19). EXCEPT AS SPECIFIED BELOW AND/OR UNLESS AUTHORIZED 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. 08 FEB 15:00 2019 UNTIL 09 FEB 09:00 2019. CREATED: 30 JAN 20:45 2019

ATCSCC Advisory List:

ATCSCC ADVZY 011 DCC 01/31/2019 VOLCANIC ACTIVITY BULLETIN -
POPOCATEPETL
FVXX24 KNES 310325 WSI DDS:310326
VA ADVISORY
DTG: 20190131/0325Z

VAAC: WASHINGTON

VOLCANO: POPOCATEPETL 341090
PSN: N1901 W09837

AREA: MEXICO

SUMMIT ELEV: 17802 FT (5426 M)

ADVISORY NR: 2019/089

INFO SOURCE: GOES-EAST. WEB CAM. CIMSS VOLCAT.

ERUPTION DETAILS: VA HAS DISP.

OBS VA DTG: 31/0300Z

OBS VA CLD: VA NOT IDENTIFIABLE FROM SATELLITE
DATA.

FCST VA CLD +6HR: NO VA EXP

FCST VA CLD +12HR: NO VA EXP

FCST VA CLD +18HR: NO VA EXP

RMK: VA FM EARLIER EMS HAS DISP. NO FURTHER VA

EMS HAVE BEEN OBS IN EITHER WEB CAM OR STLT
IMAGERY. ...HOSLEY

NXT ADVISORY: NO FURTHER ADVISORIES

201901310325-201901310925

ATCSCC ADVZY 016 DCC 01/31/19 FCA RQD
NAME: FCA001:NO_AR_ROUTES_TO_RSW_PBI_AREAS
CONSTRAINED AREA: ZMA
REASON: OTHER
INCLUDE TRAFFIC: UNKN DEPARTURES TO
APF/BCT/FMY/FPR/MKY/PBI/RSW/SUA/VRB
FACILITIES INCLUDED: ALL+ CANADA
FLIGHT STATUS: ALL_FLIGHTS
VALID: FCA ENTRY TIME FROM 311330 TO 312000
PROBABILITY OF EXTENSION: NONE
REMARKS: SEE DYNAMIC LIST FOR UPDATES. IMPLEMENTED DUE TO MILITARY
AIRSPACE. SEE ZMA CURRENT NOTAMS FOR MORE INFORMATION.
ASSOCIATED RESTRICTIONS:
MODIFICATIONS:
ROUTES:

ORIG	DEST	ROUTE
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UNKN	PBI BCT FPR SUA VRB RSW FMY APF MKY	UPT RTE:DUE TO SUA ACTIVITY, THE AR'S ARE NOT AVAILABLE TO THESE DESTINATIONS. STAKEHOLDERS PLEASE FILE INLAND ROUTES.

TMI ID: RRDCC016
311154-312000
19/01/31 11:54 DCCOPS.lxstn29

ATCSCC ADVZY 017 DCC 01/31/19 FCA RQD
NAME: FCAEWR:WIND_ROUTE_EWR
CONSTRAINED AREA: ZOB
REASON: VOLUME
INCLUDE TRAFFIC: KMSP/ZAB/ZDV/ZFW/ZHU/ZKC/ZLA/ZLC/ZME/ZMP/ZOA/ZSE
DEPARTURES TO KEWR
FACILITIES INCLUDED: ZAB/ZAU/ZDV/ZFW/ZHU/ZID/ZKC/ZLA/ZLC/ZME/ZMP/ZNY
/ZOA/ZOB/ZSE
FLIGHT STATUS: ALL_FLIGHTS
VALID: FCA ENTRY TIME FROM 311700 TO 010430

PROBABILITY OF EXTENSION: NONE
REMARKS: SEE FCAEWR DYNAMIC LIST FOR UPDATES.
ASSOCIATED RESTRICTIONS:
MODIFICATIONS:
ROUTES:

ORIG	DEST	ROUTE
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KMSP	KEWR	>ODI KG78K KG72M EVOTE NELLS KEEHO J584 SLT< FQM3
ZAB ZDV ZKC ZLA	KEWR	>SPI VHP ROD DORET J584
ZLC ZMP ZOA ZSE		SLT< FQM3
ZAB ZDV ZKC ZLA	KEWR	>KK45G KI51M ROD DORET J584
ZLC ZMP ZOA ZSE		SLT< FQM3
ZAB ZDV ZKC ZLA	KEWR	>BUM VHP ROD DORET J584
ZLC ZMP ZOA ZSE		SLT< FQM3
ZAB ZDV ZKC ZLA	KEWR	>DSM EVOTE NELLS KEEHO J584
ZLC ZMP ZOA ZSE		SLT< FQM3
ZAB ZDV ZKC ZLA	KEWR	>PXV ROD DORET J584 SLT<
ZLC ZOA ZSE		FQM3
ZAB ZDV ZLA ZLC	KEWR	>GEP ODI KG78K KG72M EVOTE
ZOA ZSE		NELLS KEEHO J584 SLT< FQM3
ZFW ZHU ZME	KEWR	>MEM Q29 DORET J584 SLT<
		FQM3

TMI ID: RRDCC017
311156-010430
19/01/31 11:56 DCCOPS.lxstn19

ATCSCC ADVZY 018 DCC 01/31/19 FCA RQD
NAME: FCAJFK:WIND_ROUTE_JFK
CONSTRAINED AREA: ZOB
REASON: VOLUME
INCLUDE TRAFFIC: KMSP/ZAB/ZDV/ZFW/ZHU/ZKC/ZLA/ZLC/ZME/ZMP/ZOA/ZSE
DEPARTURES TO KJFK
FACILITIES INCLUDED: ZAB/ZAU/ZDV/ZFW/ZHU/ZID/ZKC/ZLA/ZLC/ZME/ZMP/ZNY
/ZOA/ZOB/ZSE
FLIGHT STATUS: ALL_FLIGHTS
VALID: FCA ENTRY TIME FROM 311700 TO 010430
PROBABILITY OF EXTENSION: LOW
REMARKS: SEE DYNAMIC LIST FOR UPDATES.
ASSOCIATED RESTRICTIONS:
MODIFICATIONS:
ROUTES:

ORIG ----	DEST ----	ROUTE -----
KMSP	KJFK	>MSP DLL HASTE DAFLU J70 LVZ< LENDY6
ZAB ZDV ZKC ZLA ZLC ZMP ZOA ZSE	KJFK	>SPI VHP ROD DJB JHW J70 LVZ< LENDY6
ZAB ZDV ZKC ZLA ZLC ZMP ZOA ZSE	KJFK	>KK54K KI57O ROD DJB JHW J70 LVZ< LENDY6
ZAB ZDV ZKC ZLA ZLC ZOA ZSE	KJFK	>PXV ROD DJB JHW J70 LVZ< LENDY6
ZAB ZDV ZLA ZLC ZMP ZOA ZSE	KJFK	>FOD KG75M DAFLU J70 LVZ< LENDY6
ZFW ZHU ZME	KJFK	>MEM Q29 JHW J70 LVZ< LENDY6
ZLC ZOA ZSE	KJFK	>GEP DLL HASTE DAFLU J70 LVZ< LENDY6

TMI ID: RRDCC018
311157-010430
19/01/31 11:57 DCCOPS.lxstn20

ATCSCC ADVZY 020 DCC 01/31/2019 TCA/HOTLINE ISSUE REQUEST PAGE
ACTIVATION
EVENT TIME: 31/1200 - 01/0330
THE TCA/HOTLINE ISSUE REQUEST PAGE IS NOW OPEN. WEB PAGE
USERS SHOULD SEND THEIR REQUEST MESSAGES TO THE PAGE FOR
RESOLUTION.
PLEASE ENSURE ADEQUATE INFORMATION IS PROVIDED IN REQUESTS
SUCH AS CATEGORY OF ISSUE, CALL SIGN, POSITION OF FLIGHT,
TYPE OF ASSISTANCE REQUESTED, ETC TO ELIMINATE ANY
MISINTERPRETATION.
311207-010400
19/01/31 12:07 DCCOPS.lxstn24

ATCSCC ADVZY 019 DCC 01/31/2019 NOCC SCHEDULED FACILITY OUTAGES
EVENT TIME: 31/1215 - 01/0215
NOCC 01/31/19 SCHEDULED FACILITY OUTAGES.

PICO DEL ESTE, PR (QJQ) ATCRB 1200-2200Z.

NEWARK, NJ (EWR) ASDE 1300-1700Z.

DENVER, CO (DEN) RWY 07 (DZG) LOC/GS 1600-1900Z.

SEATTLE, WA (SEA) RWY 16R (CJL) ALS 1900-2100Z.

DALLAS-FT. WORTH, TX (DFW) RWY 13R (LWN) LOC/GS 2030-2130Z.

JAMAICA, NY (JFK) RWY 31R (RTH) LOC/GS 2100-2345Z.

HONOLULU, HI (HNL) RWY 08L (HNL) LOC/GS 0201/0200-1600Z.

HONOLULU, HI (HNL) RWY 26L (EPC) LOC 0201/0200-1600Z.

IF THERE ARE ANY QUESTIONS PLEASE CONTACT THE NOCC AT (540) 359-3110

311215-010215

311159-010215

19/01/31 11:59 DCCOPS2.lxstn41

ATCSCC ADVZY 027 DCC/ZBW 01/31/2019 NATOTS_RQD

EVENT TIME: 31/2100 - 01/0500

NORTH ATLANTIC ADVISORY FOR 01/31/19 2100Z - 02/01/19 0500Z

NOTE: CERTAIN TRACKS HAVE MORE THAN ONE OPTION. USERS MAY FILE
EITHER OR BE TACTICALLY REROUTED.

JFK NORTH ATLANTIC DEPARTURES MUST FILE THE FOLLOWING ROUTES TO
MINIMIZE DEPARTURE DELAYS:

TRACK R/ JFK..GREKI..JUDDS..MARTN..EBONY.N325A.ELSIR.NATR
TRACK S/ JFK..GREKI..JUDDS..MARTN..ALLEX.N263A.JOOPY.NATS
TRACK T/ JFK..MERIT..HFD..PUT..BOS..TUSKY.N231A.MUSAK.NATT
TRACK T/ JFK..BETTE..ACK..TUSKY.N231A.MUSAK.NATT
TRACK U/ JFK..BETTE..ACK..BRADD.N197A.NICSO.NATU
TRACK V/ JFK..BETTE..ACK..KANNI.N139A.PORTL.NATV
TRACK W/ JFK..HAPIE..YAHOO..WHALE.N75A.SUPRY.NATW

EWR DEPARTURES MUST FILE:

TRACK R/ EWR..GREKI..JUDDS..MARTN..EBONY
TRACK S/ EWR..GREKI..JUDDS..MARTN..ALLEX
TRACK T/ EWR..MERIT..HFD..PUT..BOS..TUSKY
TRACK U/ EWR..MERIT..HFD..PUT..BOS..BRADD
TRACK V/ EWR..MERIT..HFD..PUT..BOS..KANNI
TRACK W/ EWR..MERIT..HFD..PUT..BOS..WHALE

PHL DEPARTURES MUST FILE:

TRACK R/ PHL..DITCH.J225.JFK..PUT..EBONY
TRACK S/ PHL..DITCH.J225.JFK..PUT..WITCH..ALLEX
TRACK T/ PHL..DITCH.J225.JFK..PUT..BOS..TUSKY
TRACK U/ PHL..DITCH.V312.JIMEE..WAVEY..SHLEP..ACK..BRADD
TRACK V/ PHL..DITCH.V312.JIMEE..WAVEY..SHLEP..ACK..KANNI
TRACK W/ PHL..DITCH.V312.JIMEE..WAVEY..SHLEP..YAHOO..WHALE

DC METRO DEPARTURES MUST FILE:

TRACK R/ SWANN..BROSS.J42.RBV..LLUND..BAYYS..PUT..EBONY
TRACK S/ SWANN..BROSS.J42.RBV..LLUND..BAYYS..PUT..WITCH..ALLEX
TRACK T/ SWANN..BROSS.J42.RBV..LLUND..BAYYS..PUT..BOS..TUSKY
TRACK U/ SWANN..BROSS.J42.RBV..ACK..BRADD
TRACK U/ AGARD..SIE.J121.SHLEP..ACK..BRADD
TRACK V/ SWANN..BROSS.J42.RBV..ACK..KANNI
TRACK V/ AGARD..SIE.J121.SHLEP..ACK..KANNI
TRACK W/ SWANN..BROSS.J42.RBV..YAHOO..WHALE
TRACK W/ AGARD..SIE.J121.SHLEP..YAHOO..WHALE

ZBW OVERFLIGHTS MUST FILE:

TRACK R/ RBV..LLUND..BAYYS..PUT..EBONY
TRACK S/ RBV..LLUND..BAYYS..PUT..WITCH..ALLEX
TRACK T/ RBV..LLUND..BAYYS..PUT..BOS..TUSKY
TRACK U/ RBV.J62.ACK..BRADD
TRACK U/ J174.RIFLE..ACK..BRADD
TRACK V/ RBV.J62.ACK..KANNI
TRACK V/ J174.RIFLE..ACK..KANNI
TRACK W/ RBV..RIFLE..YAHOO..WHALE
TRACK W/ J174.RIFLE..YAHOO..WHALE

***NOTE: ZBW OVERFLIGHTS VIA TRACKS R/ S/ OR T/ MAY FILE ANYWHERE
WEST OF A LINE RBV..LLUND..BAYYS***

ZBW TMU 603-879-6666, ZNY TMU 631-468-1386, ZDC TMU 703-771-3504
311442-010530
19/01/31 14:42 DCCOPS.lxstn28

ATCSCC ADVZY 031 DCC 01/31/2019 OPERATIONS PLAN
EVENT TIME: 31/1700 - AND LATER

____ OPERATIONAL GOALS FOR 01/31/19_____
- MANAGE EWR, JFK, LGA AND PHL AIRPORT OPERATIONS TO KEEP DEPARTURE

DELAYS
TO LESS THAN 15 MINUTES.

- MANAGE ORD AND MDW AIRPORT OPERATIONS TO KEEP DEPARTURE DELAYS
TO LESS THAN 15 MINUTES.

EWR GROUND DELAY PROGRAM WAS IMPLEMENTED DUE TO WIND. SFO AND
LAX GROUND
DELAY PROGRAMS ARE IN PLACE WITH METERING ALSO BEING UTILIZED TO
MODERATE
DEMAND SPIKES.

TERMINAL ACTIVE:
UNTIL 2159 -LAX GROUND DELAY PROGRAM
UNTIL 2359 -SFO GROUND DELAY PROGRAM
UNTIL 0259 -EWR GROUND DELAY PROGRAM

TERMINAL PLANNED:
AFTER 2300 -ORD GROUND STOP POSSIBLE

TERMINAL CONSTRAINTS:
BOS/NY METROS/PHL - WIND
DC METROS- WIND
ORD/MDW/MSP -P.M. SNOW
SFO/SAN- LOW CEILINGS/RAIN
LAX- LOW CEILINGS/RAIN/WIND/VCTS
DFW RUNWAY 17C/35C CLOSED UNTIL 2/14/19
IAH RUNWAY 15L/33R CLOSED UNTIL 3/23/19

ENROUTE ACTIVE:
UNTIL 2000 -NO AR ROUTES TO RSW/PBI
UNTIL 0200 -CCO_HMP)_FFC_ARVLS
UNTIL 0200 -FTY_RYY_PUJ_ARVLS
UNTIL 0200 -PDK_LZU_ARVLS
UNTIL 0430 -EWR/JFK WIND ROUTES

ENROUTE PLANNED:
NONE

ENROUTE CONSTRAINTS:
ZJX-MILITARY EXERCISE
ZTL-SUPER BOWL VOLUME

NEXT PLANNING WEBINAR: 1815z
311630-311859
19/01/31 16:30 DCCOPS.lxstn35

Fix List:

KELP 2019-01-31T18:30:00.0Z Time Enroute: PT0S Ground Speed: TAS_KNOTS0.0 Altitude: NAS_FLIGHT_LEVEL0 Fuel Consumed: GALLONS_FUEL_UNITS_TYPE0.0

KIWS 2019-01-31T22:03:00.0Z Time Enroute: PT3H33M33S Ground Speed: TAS_KNOTS158.65193 Altitude: NAS_FLIGHT_LEVEL0 Fuel Consumed: GALLONS_FUEL_UNITS_TYPE0.0