

Briefing History

Request Source: PRCE6DWK055

Aircraft Id: N174LL

Route Corridor Width: 50.00

Winds Corridor Width: 200.00

METAR/TAF Briefing Format: RAW_METAR_TAF_FORMAT

Briefing Generated: 2016-12-31 04:22:22Z

WX Alerts:

Airmet Alert:

WAHW31 PHFO 310313

HNLS WA 310400

AIRMET SIERRA FOR IFR VALID UNTIL 311000

.

AIRMET MTN OBSC...OAHU MOLOKAI MAUI LANAI

MTN AND N THRU E SECTIONS.

MTN TEMPO OBSC ABV 020 EXP DUE TO CLD AND SHRA.

COND CONT BEYOND 1000Z.

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Airmet Alert:

WAHW31 PHFO 310313

....HNLT WA 310400

AIRMET TANGO FOR TURB VALID UNTIL 311000

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AIRMET TURB...HI

ENTIRE AREA.

TEMPO MOD TURB BTN FL300 AND FL400. COND CONT BEYOND 1000Z.

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UAS Operating Area Conflicts: UAS Operating Area data not available.

Departure Area Forecast Synopsis:

FAHW31

FAHW31 PHFO 310314

FA0HI

HNLC FA 310335

SYNOPSIS AND VFR CLD/WX

SYNOPSIS VALID UNTIL 312200

CLD/WX VALID UNTIL 311600...OUTLOOK VALID 311600-312200

.
SYNOPSIS...MOISTURE ASSOCIATED WITH A STALLED FRONT WILL
AFFECT THE AREA FROM OAHU TO MAUI...PRIMARILY IMPACTING
WINDWARD AREAS. A TROUGH ALOFT APPROACHING FROM THE WEST MAY
ENHANCE THE MOISTURE TONIGHT...LEADING TO INCREASED COVERAGE
AND INTENSITY OF SHOWERS.
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Current Departure Wx:

METAR: PHMK 310354Z 01011G20KT 5SM BR SCT008 BKN014 OVC023 19/18 A2995
RMK AO2 RAE50 SLP147 P0007 T01890178 =

Trend Departure Wx:

METAR: PHMK 310254Z 02007G17KT 5SM RA BR SCT006 BKN014 BKN024 19/18
A2995 RMK AO2 SLP145 P0010 60018 T01890178 53005 =

METAR: PHMK 310154Z 02013G20KT 6SM -RA BR SCT009 BKN023 OVC031 20/18
A2992 RMK AO2 SLP134 P0004 T02000183 =

Current Destination Wx:

METAR: PHNL 310353Z 01005KT 10SM FEW024 SCT038 BKN070 OVC210 22/16 A2993
RMK AO2 SLP135 VCSH NE T02170156 =

Trend Destination Wx:

METAR: PHNL 310253Z 02009G15KT 10SM FEW025 FEW035 BKN060 OVC210 23/16
A2993 RMK AO2 SLP133 VCSH NE T02280156 53000 =

METAR: PHNL 310153Z 04009KT 10SM FEW025 SCT036 SCT060 OVC210 23/16 A2992
RMK AO2 SLP130 T02280156 =

Current Enroute Wx:

METAR: SPECI PHNY 310411Z AUTO 05014KT 9SM BKN004 18/17 A2997 RMK AO2

CIG002V008 =

METAR: PHNG 310357Z 05010KT 7SM BKN033 OVC042 23/17 A2993 RMK SLP130
T02280172 =

METAR: PHJR 310353Z VRB05KT 10SM BKN065 22/16 A2994 RMK AO2 SLP145
T02220156 =

METAR: PHHI 310358Z AUTO 33005KT 10SM FEW021 19/17 A2995 RMK AO2 SLP137
T01930166 \$ =

Trend Enroute Wx:

METAR: PHNY 310356Z AUTO 04013KT 10SM SCT004 18/17 A2997 RMK AO2 SLP134
T01830172 =

METAR: PHNY 310256Z AUTO 04016KT 10SM SCT006 18/17 A2995 RMK AO2 SLP130
T01830167 53001 =

METAR: SPECI PHNY 310239Z AUTO 04018KT 10SM BKN006 18/17 A2994 RMK AO2
CIG003V008 =

METAR: PHNY 310156Z AUTO 04016KT 10SM FEW008 SCT013 SCT032 19/18 A2994
RMK AO2 SLP123 T01890178 =

METAR: PHNG 310257Z 04011KT 7SM BKN019 OVC039 23/16 A2992 RMK SLP127
6//// T02280161 53004 =

METAR: PHNG 310157Z 04011KT 7SM OVC033 23/17 A2991 RMK SLP122
T02280172 =

METAR: PHJR 310253Z 04010G18KT 10SM OVC065 23/16 A2993 RMK AO2 SLP140
T02280156 55001 =

METAR: PHJR 310153Z 05007G15KT 020V090 10SM OVC065 24/16 A2992 RMK AO2
SLP138 T02390161 =

METAR: PHHI 310258Z AUTO 33007KT 10SM CLR 20/17 A2994 RMK AO2 SLP133
60000 T01980165 53003 \$ =

METAR: PHHI 310158Z AUTO 34008KT 10SM FEW022 20/17 A2993 RMK AO2 SLP130
T02030173 \$ =

Forecast Departure Wx:

TAF PHMK 302320Z 3100/3124 05012G18KT 6SM -SHRA FEW010 BKN020 OVC060
FM310400 02006KT P6SM VCSH SCT010 BKN020 OVC060
FM312000 01012G18KT P6SM VCSH SCT020 BKN035 =

Forecast Enroute Wx:

TAF PHNY 302320Z 3100/3124 04018G28KT 6SM -SHRA BR SCT010 BKN020 OVC040
FM310600 04008KT P6SM VCSH SCT010 BKN020
FM312100 02015G22KT P6SM SCT015 BKN025 =

TAF PHNG 3103/0103 05014G22KT 9999 FEW020 BKN040 QNH2990INS
TEMPO 3106/3112 6000 SHRA BKN020 OVC030
TEMPO 3112/3118 05012KT 6000 SHRA BKN020 BKN030 OVC040 T21/3115Z
T26/3123Z =

TAF PHJR 302320Z 3100/3124 06008G15KT P6SM VCSH SCT025 BKN060
FM310500 04006KT P6SM FEW020 SCT050
FM312000 06008G15KT P6SM VCSH SCT025 BKN060 =

TAF PHHI 302347Z 3023/3121 VRB06KT 9000 -SHRA SCT020 QNH2990INS
BECMG 3104/3105 VRB06KT 9999 VCSH SCT020 QNH2993INS TX20/3023Z
TN17/3116Z LAST NO AMDS AFT 3100 NEXT 0315 =
Area Forecast:
FAHW31 PHFO 310314
FA0HI

HNLC FA 310335
SYNOPSIS AND VFR CLD/WX
SYNOPSIS VALID UNTIL 312200
CLD/WX VALID UNTIL 311600...OUTLOOK VALID 311600-312200

.
SEE AIRMET SIERRA FOR IFR CLD AND MT OBSC.
TS IMPLY SEV OR GREATER TURB SEV ICE LOW LEVEL WS AND IFR COND.
NON MSL HGT INDICATED BY AGL OR CEILING.

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ENTIRE AREA.
BKN-OVC250-300. LOWER CLD AND WX FOLLOW.

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BIG ISLAND INTERIOR ABV 090.
BKN-OVC120 TOPS 150 ISOL VIS 3SM SHRA/SHSN.
OUTLOOK...VFR.

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BIG ISLAND LOWER SLOPES...COAST...AND ADJ WATERS FROM UPOLU
POINT TO CAPE KUMUKAHI TO APUA POINT.
SCT025 SCT-BKN050 TOPS 100 ISOL BKN025 TOPS 150 VIS 3-5SM SHRA.

OUTLOOK...VFR.

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BIG ISLAND LOWER SLOPES AND COAST FROM APUA POINT TO SOUTH CAPE
TO PHKO TO UPOLU POINT.
SCT030 BKN-OVC060 TOPS 100 ISOL SHRA VIS 5SM. 06Z FEW-SCT025 FEW-SCT060.
OUTLOOK...VFR.

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MTN...N THRU E SECTIONS AND ADJ WATERS OF KAUAI.
SCT020 BKN-OVC035 TOPS 100 TEMPO -SHRA ISOL BKN020 TOPS 100 VIS
3-5SM SHRA BR. OUTLOOK...VFR.

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MTN...N THRU E SECTIONS AND ADJ WATERS OF OAHU MOLOKAI LANAI AND
MAUI.
FEW010 SCT020 BKN-OVC030 TOPS 100 -SHRA TEMPO BKN020 TOPS 120 VIS
3-5SM SHRA BR ISOL BKN015 TOPS 150 VIS BLW 3SM +SHRA.
OUTLOOK...MVFR CIG/VIS SHRA.

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REST OF AREA.
SCT020 SCT-BKN040 TOPS 080 TEMPO BKN035 TOPS 100 ISOL BKN025
TOPS 150 VIS 5SM -SHRA.
OUTLOOK...VFR.

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Forecast Destination Wx:

TAF AMD PHNL 310259Z 3103/0106 04010G18KT P6SM VCSH SCT025 BKN050 OVC070
FM310400 04009KT P6SM VCSH SCT020 BKN050
FM311000 01005KT P6SM VCSH SCT020 BKN050
FM312000 04012G20KT P6SM FEW025 SCT050
FM010400 03008KT P6SM SCT025 BKN050 =

Winds Aloft: HNL 2016-12-31 02:00Z-09:00Z

1000	050/17
1500	050/18
2000	050/21
2500	055/22
3000	060/24
4500	055/17
6000	050/11/10
9000	999/0/4
12000	290/8/0
15000	270/9/-5
18000	290/10/-14

24000 250/29/-24
30000 240/67/-37
34000 230/91/-45
39000 230/99/-56
45000 250/63/-63
53000 290/43/-72

LNK 2016-12-31 02:00Z-09:00Z

2000 060/18
2500 065/17
3000 070/16
6000 999/0/10
6500 999/0/9
9000 999/0/4
12000 260/9/1
15000 270/12/-5
18000 240/17/-12
24000 240/35/-23
30000 240/81/-35
34000 230/103/-44
39000 230/123/-57
45000 250/72/-65
53000 280/44/-72

OGG 2016-12-31 02:00Z-09:00Z

1000 060/15
1500 060/16
2000 060/16
2500 065/16
3000 070/16
4500 095/10
6000 120/5/10
9000 999/0/4
12000 230/11/0
15000 260/16/-5
18000 240/12/-12
24000 240/38/-23
30000 240/81/-35
34000 230/102/-44
39000 230/123/-58
45000 250/77/-65
53000 280/44/-72

LIH 2016-12-31 02:00Z-09:00Z

1000 050/15
1500 050/17
2000 060/19
2500 060/20
3000 060/22

6000 999/0/8
9000 240/10/5
12000 290/14/1
15000 290/13/-5
18000 310/12/-14
24000 250/26/-24
30000 260/32/-40
34000 240/50/-47
39000 240/58/-54
45000 260/50/-60
53000 300/42/-72

HNL 2016-12-31 09:00Z-18:00Z

1000 060/14
1500 060/16
2000 060/18
2500 065/17
3000 070/17
4500 075/12
6000 080/8/9
9000 999/0/4
12000 310/12/1
15000 280/9/-5
18000 280/8/-13
24000 240/38/-23
30000 240/56/-39
34000 230/75/-46
39000 230/81/-54
45000 260/58/-61
53000 290/38/-72

LNK 2016-12-31 09:00Z-18:00Z

2000 070/12
3000 999/0
6000 260/5/10
9000 999/0/5
12000 290/5/1
15000 280/9/-5
18000 250/24/-12
24000 240/35/-23
30000 240/73/-38
34000 220/102/-45
39000 230/103/-56
45000 250/68/-62
53000 280/37/-72

OGG 2016-12-31 09:00Z-18:00Z

1000 070/12
1500 070/12

2000 070/12
2500 085/9
3000 100/7
4500 175/7
6000 250/7/10
6500 243/7/9
9000 210/9/5
12000 290/6/1
15000 280/9/-5
18000 250/24/-12
24000 240/35/-23
30000 240/73/-37
34000 220/104/-44
39000 230/112/-57
45000 250/71/-62
53000 280/37/-72

LIH 2016-12-31 09:00Z-18:00Z

1000 040/15
1500 050/17
2000 050/18
2500 055/16
3000 060/15
6000 999/0/8
9000 250/13/3
12000 300/16/1
15000 280/14/-5
18000 290/10/-14
24000 260/24/-25
30000 250/47/-40
34000 240/49/-47
39000 240/49/-53
45000 270/49/-60
53000 290/38/-71

HNL 2016-11-30 18:00Z-06:00Z

1000 040/17
1500 040/18
2000 040/19
2500 045/19
3000 050/19
4500 060/15
6000 070/11/9
6500 098/10/8
9000 240/6/4
12000 260/11/2
15000 270/13/-5
18000 270/13/-13

24000 250/25/-25
30000 260/33/-39
34000 280/30/-43
39000 310/33/-51
45000 300/51/-61
53000 300/37/-71

LNK 2016-11-30 18:00Z-06:00Z

2000 040/22
2500 050/23
3000 060/24
6000 999/0/9
9000 250/5/5
12000 250/7/2
15000 240/13/-5
18000 250/13/-13
24000 240/39/-23
30000 230/53/-38
34000 240/46/-44
39000 260/37/-52
45000 290/47/-61
53000 290/37/-72

OGG 2016-11-30 18:00Z-06:00Z

1000 040/19
1500 040/20
2000 050/21
2500 055/23
3000 060/25
6000 999/0/10
9000 260/8/6
12000 250/9/1
15000 240/13/-5
18000 250/17/-13
24000 240/42/-23
30000 230/59/-38
34000 230/56/-45
39000 250/42/-52
45000 280/45/-61
53000 290/38/-72

LIH 2016-11-30 18:00Z-06:00Z

1000 040/16
1500 040/17
2000 050/18
2500 050/17
3000 050/17
4500 340/12
6000 270/8/8

6500 268/8/7
9000 260/11/5
12000 270/14/1
15000 280/18/-4
18000 270/16/-14
24000 290/19/-26
30000 310/32/-37
34000 340/47/-41
39000 340/56/-50
45000 320/53/-62
53000 310/47/-72

NOTAM List:

MKK 12/027 PHMK RWY 35 FICON 5/2/5 100 PRCT WET, 25 PRCT 1IN WATER, 100 PRCT WET OBSERVED AT 1612301600. 1612301811-1612311811

MKK 12/026 PHMK RWY 17 FICON 5/2/5 100 PRCT WET, 25 PRCT 1IN WATER, 100 PRCT WET OBSERVED AT 1612301600. 1612301807-1612311807

MKK 10/008 PHMK RWY 05 PAPI OUT OF SERVICE 1610250430-1702250431

MKK 12/022 PHMK AIRSPACE SEE FDC 6/7969 ZHN 91.141 VIP TFR
1612170800-1701030959

MKK 10/010 PHMK TWY C LOCATION SIGN FOR RWY 5/23 NOT LGTD
1610250431-1702250432

MKK 10/009 PHMK TWY B LOCATION SIGN FOR RWY 05/23 NOT LGTD
1610250430-1702250431

PHNG 12/023 PHNG SVC TWR CLSD CLASS D SERVICE NOT AVBL CTC HONOLULU
CTL FACILITY AT 124.1 1701021700-1701031000

PHNG 12/022 PHNG SVC TWR CLSD CLASS D SERVICE NOT AVBL CTC HONOLULU
CTL FACILITY AT 124.1 1612311800-1701010300

PHNG 12/021 PHNG SVC TWR CLSD CLASS D SERVICE NOT AVBL CTC HONOLULU
CTL FACILITY AT 124.1 1612301700-1612310800

PHNG M0392/16 PHNG TEMPORARY FLIGHT AWARE THAT ANY AND/OR ALL
OPERATIONS MAY BE CANCELED WITH LITTLE OR NO ADVANCED NOTICE. F.
WITHIN A 5NMR, UP TO BUT NOT INCLUDING 14,500 FT MSL OF DILLINGHAM
AIRPORT (PHDH), EXCLUDING SPECIAL USE AREAS. FLIGHT TRAINING,

PARACHUTE JUMPING AND GLIDER OPERATIONS WILL BE AUTHORIZED FROM 1900 TO 0300 UTC (0900 TO 1700 LOCAL) DAILY. OPERATORS MUST COORDINATE WITH ATC PRIOR TO DEPARTURE AT 808-840-6201. AUTHORIZATION TO OPERATE WITHIN THIS AREA MAY BE CANCELED WITH LITTLE OR NO NOTICE. G. FAA RECOMMENDS THAT ALL AIRCRAFT OPERATORS CHECK NOTAMS FREQUENTLY FOR POSSIBLE CHANGES TO THIS TFR PRIOR TO OPERATIONS WITHIN THIS REGION. END PART 6 OF 6. 20 DEC 20:00 2016 UNTIL 03 JAN 09:59 2017. CREATED: 20 DEC 20:00 2016

PHNG M0391/16 PHNG TEMPORARY FLIGHT OPERATIONS, SEAPLANE OPERATIONS, PARACHUTE OPERATIONS, ULTRALIGHT, HANG GLIDING, BALLOON OPERATIONS, AGRICULTURE/CROP DUSTING, ANIMAL POPULATION CONTROL FLIGHT OPERATIONS, BANNER TOWING OPERATIONS, SIGHTSEEING OPERATIONS, MAINTENANCE TEST FLIGHTS, MODEL AIRCRAFT OPERATIONS, MODEL ROCKETRY, UNMANNED AIRCRAFT SYSTEMS (UAS), AND UTILITY AND PIPELINE SURVEY OPERATIONS. E. THE FOLLOWING OPERATIONS ARE PERMITTED ONLY WITH FAA/TSA/USSS PRE-APPROVAL BETWEEN 1900-0300 UTC (0900-1700 LOCAL) DAILY FROM THE FOLLOWING LOCATIONS: 1. FLIGHT TRAINING AT KALAELOA (PHJR) AND DILLINGHAM (PHDH) AIRPORTS. 2. PRACTICE APPROACHES AT KALAELOA AIRPORT (PHJR). 3. SIGHTSEEING OPERATIONS VIA PRE-APPROVED ROUTES FROM HONOLULU (PHNL) AND TURTLE BAY RESORT HELIPORT (HI58). SEAPLANE OPERATIONS LANDING AND DEPARTING AT HONOLULU (PHNL). OPERATORS NEED TO BE END PART 5 OF 6. 20 DEC 19:59 2016 UNTIL 03 JAN 09:59 2017. CREATED: 20 DEC 19:59 2016

PHNG M0390/16 PHNG TEMPORARY FLIGHT (MEDICAL/LAW ENFORCEMENT/FIREFIGHTING) OPERATIONS MUST COORDINATE WITH ATC PRIOR TO THEIR DEPARTURE AT 808-840-6201 TO AVOID POTENTIAL DELAYS. C. FOR OPERATIONS WITHIN THE AIRSPACE BETWEEN THE 10 NMR AND 30 NMR AREA(S) LISTED ABOVE, KNOWN AS THE OUTER RING(S): ALL AIRCRAFT OPERATING WITHIN THE OUTER RING(S) LISTED ABOVE ARE LIMITED TO AIRCRAFT ARRIVING OR DEPARTING LOCAL AIRFIELDS, AND WORKLOAD PERMITTING, ATC MAY AUTHORIZE TRANSIT OPERATIONS. AIRCRAFT MAY NOT LOITER. ALL AIRCRAFT MUST BE ON AN ACTIVE IFR OR VFR FLIGHT PLAN WITH A DISCRETE CODE ASSIGNED BY AN AIR TRAFFIC CONTROL (ATC) FACILITY. AIRCRAFT MUST BE SQUAWKING THE DISCRETE CODE PRIOR TO DEPARTURE AND AT ALL TIMES WHILE IN THE TFR AND MUST REMAIN IN TWO-WAY RADIO COMMUNICATIONS WITH ATC. D. THE FOLLOWING OPERATIONS ARE NOT AUTHORIZED WITHIN THIS TFR: FLIGHT TRAINING, PRACTICE INSTRUMENT APPROACHES, AEROBATIC FLIGHT, GLIDER END PART 4 OF 6. 20 DEC 19:58 2016 UNTIL 03 JAN 09:59 2017. CREATED: 20 DEC 19:58 2016

PHNG M0389/16 PHNG TEMPORARY FLIGHT KOKO HEAD VORTAC (CKH) 290 DEGREE RADIAL. B. ALL AIRCRAFT OPERATIONS WITHIN THE 10 NMR AREA(S) LISTED ABOVE, KNOWN AS THE INNER CORE(S), ARE PROHIBITED EXCEPT FOR: APPROVED LAW ENFORCEMENT, MILITARY AIRCRAFT DIRECTLY SUPPORTING

THE UNITED STATES SECRET SERVICE (USSS) AND THE OFFICE OF THE PRESIDENT OF THE UNITED STATES, APPROVED AIR AMBULANCE FLIGHTS, AND REGULARLY SCHEDULED COMMERCIAL PASSENGER AND ALL-CARGO CARRIERS OPERATING UNDER ONE OF THE FOLLOWING TSA-APPROVED STANDARD SECURITY PROGRAMS/PROCEDURES: AIRCRAFT OPERATOR STANDARD SECURITY PROGRAM (AOSSP), FULL ALL-CARGO AIRCRAFT OPERATOR STANDARD SECURITY PROGRAM (FACAOSSP), MODEL SECURITY PROGRAM (MSP), TWELVE FIVE STANDARD SECURITY PROGRAM (TFSSP) ALL CARGO, OR ALL-CARGO INTERNATIONAL SECURITY PROCEDURE (ACISP) AND ARE ARRIVING INTO AND/OR DEPARTING FROM 14 CFR PART 139 AIRPORTS. ALL EMERGENCY/LIFE SAVING FLIGHT END PART 3 OF 6. 20 DEC 19:57 2016 UNTIL 03 JAN 09:59 2017. CREATED: 20 DEC 19:57 2016

PHNG M0388/16 PHNG TEMPORARY FLIGHT REGULATIONS, AIRCRAFT FLIGHT OPERATIONS ARE PROHIBITED WITHIN AN AREA DEFINED AS 30NM RADIUS OF 212722N1574525W (CKH334011.8) SFC-17999FT MSL EFFECTIVE 1612170800 UTC (2200 LOCAL 12/16/16) UNTIL 1701030959 UTC (2359 LOCAL 01/02/17). WITHIN AN AREA DEFINED AS 211724N1574450W TO 212312N1575510W THEN CLOCKWISE ON A 10 NM ARC CENTERED ON 212722N1574525W TO THE POINT OF ORIGIN SFC-17999FT MSL EFFECTIVE 1612170945 UTC (2345 LOCAL 12/16/16) UNTIL 1701030959 UTC (2359 LOCAL 01/02/17). EXCEPT AS SPECIFIED BELOW AND/OR UNLESS AUTHORIZED BY ATC IN CONSULTATION WITH THE AIR TRAFFIC SECURITY COORDINATOR VIA THE DOMESTIC EVENTS NETWORK (DEN): A. THE INNER CORE DESCRIBED ABOVE IS ALSO DEFINED AS A 10 NM RADIAL OF 212722N/1574525W OR THE CKH334011 EXCLUDING THE AIRSPACE SOUTHWEST OF THE END PART 2 OF 6. 20 DEC 19:57 2016 UNTIL 03 JAN 09:59 2017. CREATED: 20 DEC 19:57 2016

PHNG M0387/16 PHNG TEMPORARY FLIGHT RESTRICTIONS. DECEMBER 16 , 2016-JANUARY 2 2017 LOCAL. PURSUANT TO 49 USC 40103(B), THE FEDERAL AVIATION ADMINISTRATION (FAA) CLASSIFIES THE AIRSPACE DEFINED IN THIS NOTAM AS 'NATIONAL DEFENSE AIRSPACE'. PILOTS WHO DO NOT ADHERE TO THE FOLLOWING PROCEDURES MAY BE INTERCEPTED, DETAINED AND INTERVIEWED BY LAW ENFORCEMENT/SECURITY PERSONNEL. ANY OF THE FOLLOWING ADDITIONAL ACTIONS MAY ALSO BE TAKEN AGAINST A PILOT WHO DOES NOT COMPLY WITH THE REQUIREMENTS OR ANY SPECIAL INSTRUCTIONS OR PROCEDURES ANNOUNCED IN THIS NOTAM: A) THE FAA MAY TAKE ADMINISTRATIVE ACTION, INCLUDING IMPOSING CIVIL PENALTIES AND THE SUSPENSION OR REVOCATION OF AIRMEN CERTIFICATES; OR B) THE UNITED STATES GOVERNMENT MAY PURSUE CRIMINAL CHARGES, INCLUDING CHARGES UNDER TITLE 49 OF THE UNITED STATES CODE, SECTION 46307; OR C) THE UNITED STATES GOVERNMENT MAY USE DEADLY FORCE AGAINST THE AIRBORNE AIRCRAFT, IF IT IS DETERMINED THAT THE AIRCRAFT POSES AN IMMINENT SECURITY THREAT. PURSUANT TO TITLE 14, SECTION 91.141 OF THE CODE OF FEDERAL END PART 1 OF 6. 20 DEC 19:56 2016 UNTIL 03 JAN 09:59 2017. CREATED: 20 DEC 19:56 2016

PHNG M0380/16 PHNG AERODROME AIRFIELD HOURS: FRI/17MAR17 CLOSED, SAT/18MAR17 CLOSED, SUN/19MAR17 CLOSED, MON/20MAR17 CLOSED. 13 DEC 03:44 2016 UNTIL 07 MAR 17:00 2017. CREATED: 13 DEC 03:44 2016

PHNG M0379/16 PHNG AERODROME AIRFIELD HOURS: SAT/18FEB17 CLOSED, SUN/19FEB17 CLOSED, MON/20FEB17 CLOSED, TUE/21FEB17 CLOSED. 13 DEC 03:41 2016 UNTIL 22 FEB 17:00 2017. CREATED: 13 DEC 03:41 2016

PHNG M0378/16 PHNG AERODROME AIRFIELD HOURS: THUR/19JAN17/1700Z-2300Z, FRI/20JAN17 CLOSED, SAT/21JAN17 CLOSED, SUN/22JAN17 CLOSED. 13 DEC 03:37 2016 UNTIL 23 JAN 17:00 2017. CREATED: 13 DEC 03:37 2016

PHNG M0373/16 PHNG AERODROME AIRFIELD HOURS FOR WED/04JAN17 2200Z-0800Z VFR ONLY. 13 DEC 03:15 2016 UNTIL 05 JAN 08:00 2017. CREATED: 13 DEC 03:15 2016

PHNG M0372/16 PHNG AERODROME KANEOHE BAY AIRFIELD HOLIDAY HOURS: SAT/17DEC16 CLOSED, SUN/18DEC16 CLOSED, MON/19DEC16/1800Z-0300Z, TUE/20DEC16/1800Z-0300Z, WED/21DEC16/2200Z-0800Z, THUR/22DEC16/1800-0300Z, FRI/23DEC16 CLOSED, SAT/24DEC16 CLOSED, SUN/25DEC16 CLOSED, MON/26DEC16 CLOSED, TUE/27DEC16/1800Z-0300Z, WED/28DEC16/2200Z-0800Z, THUR/29DEC16/1800Z-0300Z, FRI/30DEC16 CLOSED, SAT/31DEC16 CLOSED, SUN/01JAN17 CLOSED, MON/02JAN17 CLOSED, TUE/03JAN17/1800Z-0300Z, WED/04JAN17/2200Z-0800Z, THUR/05JAN17/1800Z-0300Z, FRI/06JAN17/0000Z-0800Z, SAT/07JAN17/0000Z-0800Z, SUN/08JAN17/0200Z-0800Z. AIRFIELD RESUMES NORMAL HOURS MON/09JAN17. 13 DEC 03:03 2016 UNTIL 09 JAN 17:00 2017. CREATED: 13 DEC 03:03 2016

PHNG M0347/16 PHNG AERODROME CHANGE TO APPROACH MINIMUMS FOR PAR WO GS CIRCLING RWY22. PAR WO GS CIRCLING RWY22: CAT A 480-1 457(500-1). 17 NOV 02:14 2016 UNTIL 09 FEB 17:00 2017. CREATED: 17 NOV 02:14 2016

HNL 12/154 PHNL NAV ILS RWY 04R DME NOT MNT 1612301859-1701032359

HNL 12/153 PHNL SVC SMR OUT OF SERVICE 1612312358-1701010200

HNL 12/155 PHNL AIRSPACE SEE FDC 6/5785 ZHN 91.141 VIP TFR 1701020715-1701020830

HNL 12/151 PHNL AIRSPACE PYROTECHNIC DEMONSTRATION WI AN AREA DEFINED AS .14NM RADIUS OF HNL271011 SFC-600FT AGL 1701010930-1701011030

HNL 12/150 PHNL AIRSPACE PYROTECHNIC DEMONSTRATION WI AN AREA DEFINED AS .13NM RADIUS OF HNL11008.7 SFC-800FT AGL 1701010745-1701010900

HNL 12/149 PHNL AIRSPACE PYROTECHNIC DEMONSTRATION WI AN AREA

DEFINED AS .05NM RADIUS OF HNL095005 SFC-300FT AGL 1701010830-1701010930

HNL 12/148 PHNL AIRSPACE PYROTECHNIC DEMONSTRATION WI AN AREA
DEFINED AS .05NM RADIUS OF HNL105009.1 SFC-280FT AGL 1701010930-1701011030

HNL 12/101 PHNL AIRSPACE SEE FDC 6/7969 ZHN 91.141 VIP TFR
1612170800-1701030959

HNL 12/139 PHNL TWY A BTN TWY L AND 300FT WEST OF TWY L CLSD TO ACFT
WINGSPAN MORE THAN 118FT DLY 0215-1600 1612280215-1612311600

HNL 12/138 PHNL TWY L BTN TWY A AND 500FT NORTH OF TWY A CLSD TO ACFT
WINGSPAN MORE THAN 118FT DLY 0215-1600 1612280215-1612311600

HNL 11/132 PHNL TWY ALL WIP MAINT 1611301827-1701011900

HNL 12/075 PHNL OBST CRANE (ASN 2016-AWP-2090-NRA) 211940N1575547W (0.9NM
NW HNL) 153FT (145FT AGL) FLAGGED AND LGTD 1612130200-1703141600

HNL 10/005 PHNL OBST CRANE (ASN 2016-AWP-3558-OE) 211743N1575111W (4.3NM
ESE HNL) 512FT (506FT AGL) FLAGGED AND LGTD 1610041700-1803080130

FDC 6/8581 PHNL IAP HONOLULU INTL, HONOLULU, HI. VOR/DME OR TACAN OR
GPS-B, AMDT 2A... ALTERNATE MINIMUMS: CAT D 800 - 2 1/2. 07 DEC 22:03 2016
UNTIL 19 JUL 22:03 2017 ESTIMATED. CREATED: 07 DEC 22:03 2016

FDC 6/8579 PHNL IAP HONOLULU INTL, HONOLULU, HI. LDA/DME RWY 26L, AMDT
5A... VOR OR TACAN OR GPS-A, AMDT 1A... NOTE: CIRCLING CAT E NA NORTH OF
RWY 26L. ALTERNATE MINIMUMS: CAT D 800 - 2 1/2. 07 DEC 22:01 2016 UNTIL 19
JUL 22:01 2017 ESTIMATED. CREATED: 07 DEC 22:01 2016

FDC 6/8576 PHNL IAP HONOLULU INTL, HONOLULU, HI. LOC/DME RWY 4R, AMDT
1A... RNAV (GPS) Y RWY 4R, AMDT 2A... NOTE: CIRCLING CAT E NA. 07 DEC 21:59
2016 UNTIL 19 JUL 21:59 2017 ESTIMATED. CREATED: 07 DEC 22:00 2016

FDC 6/8554 PHNL IAP HONOLULU INTL, HONOLULU, HI. RNAV (GPS) RWY 4L,
ORIG... RNAV (GPS) RWY 8R, ORIG... NOTE: CIRCLING CAT E NA NORTH OF RWY
26L. 07 DEC 21:48 2016 UNTIL 19 JUL 21:48 2017 ESTIMATED. CREATED: 07 DEC 21:48
2016

FDC 6/5775 PHNL SID HONOLULU INTL, HONOLULU, HI. MOLOKAI FOUR
DEPARTURE... FITES TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH
SUITABLE RNAV SYSTEM WITH GPS. PULPS TRANSITION DME REQUIRED EXCEPT
FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, UPP VOR
OUT OF SERVICE. 30 DEC 20:49 2016 UNTIL 30 JAN 20:49 2017 ESTIMATED.
CREATED: 30 DEC 20:51 2016

FDC 6/5774 PHNL SID HONOLULU INTL, HONOLULU, HI. KEAHI THREE DEPARTURE... UPOLU POINT TRANSITION: NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, UPP VOR OUT OF SERVICE. 30 DEC 20:49 2016 UNTIL 30 JAN 20:49 2017 ESTIMATED. CREATED: 30 DEC 20:51 2016

PHNL A3555/16 PHNL VOLMET FREQ 2.863 6.679 8.828 13.282 U/S. 22 DEC 03:29 2016 UNTIL 31 JAN 23:59 2017. CREATED: 22 DEC 03:32 2016

JRF 12/007 PHJR AIRSPACE SEE FDC 6/5785 ZHN 91.141 VIP TFR 1701020715-1701020830

JRF 12/004 PHJR AIRSPACE SEE FDC 6/7969 ZHN 91.141 VIP TFR 1612170800-1701030959

PHHI M0877/16 PHHI CAUTION CENTER SOD CLOSED NO OVER FLIGHT OR HOVER IN CENTER SOD. ENTER HOT POL FROM RWY TO PAD 8 OR DIAGONAL HOVER AREA ONLY. DIAGONAL AREA NOT AVAILABLE TO H47 OR H53. 30 DEC 22:22 2016 UNTIL 30 MAR 09:00 2017. CREATED: 30 DEC 22:22 2016

PHHI M0870/16 PHHI AERODROME CAUTION BLUE REFLECTORS INSTALLED SOUTH SIDE OF A TWY. 20 DEC 23:04 2016 UNTIL 01 MAR 09:00 2017. CREATED: 20 DEC 23:04 2016

PHHI M0868/16 PHHI AERODROME CAUTION WEST AND CENTER SOD AREAS CLOSED DUE TO CONSTRUCTION. 20 DEC 22:58 2016 UNTIL 01 MAR 09:00 2017. CREATED: 20 DEC 22:58 2016

PHHI M0863/16 PHHI AERODROME CAUTION CONSTRUCTION AREA A3 ROW CLOSED 24 HOURS DAILY WEEKDAYS AND WEEKENDS. WORK IN PROGRESS TO INCLUDE PERSONNEL AND EQUIPMENT DAILY 1730-0230 DAILY MONDAY THRU FRIDAY. LOW PROFILE; BARRIERS IN PLACE. AIRCRAFT REMAIN CLEAR. 20 DEC 22:30 2016 UNTIL 01 FEB 09:00 2017. CREATED: 20 DEC 22:30 2016

PHHI M0776/16 PHHI OBST 150 FOOT WINDMILLS VICINITY TACTICAL FLIGHT TRAINING AREA YELLOW SECTOR LITES OUT OF SERVICE. 23 NOV 02:27 2016 UNTIL 31 DEC 09:00 2016. CREATED: 23 NOV 02:27 2016

PHHI M0774/16 PHHI PHHI TFTA/A-311 REFERENCE LOCAL FLYING RULES PROCEDURES UPDATE; MIXING OF LIGHTED AND UNLIGHTED AIRCRAFT IN TFTA IS PROHIBITED; UNLIGHTED AIRCRAFT OPERATIONS MUST BE PUBLISHED BY NOTAM AT LEAST 24 HOURS IN ADVANCE.; WHEN LIGHTNING RADIO IS CLOSED, ALL NOE ROUTES WILL BE FLOWN FROM SOUTH TO NORTH ONLY. AIRCRAFT WILL NOT REVERSE COURSE AT ANYTIME WHILE ON THE NOE ROUTES. AIRCRAFT WILL MAKE A CALL IN THE BLIND ON TFTA CTAF 239.5, STATING THEIR LOCATION AND ROUTE TO BE FLOWN. A SUBSEQUENT CALL WILL BE

MADE AT MID-POINT AND END POINT; CLEAR OF THE ROUTE. 23 NOV 02:09 2016
UNTIL 18 FEB 09:00 2017. CREATED: 23 NOV 02:09 2016

PHHI M0718/16 PHHI OBST HAZARD IN THE TACTICAL FLIGHT TRAINING AREA
UNMARKED 45 FOOT TOWER IN YELLOW SECTOR PUUKAPU GRID CORRDATE
FJ02198732. 07 NOV 18:46 2016 UNTIL 04 FEB 09:00 2017. CREATED: 07 NOV 18:46 2016

PHHI M0685/16 PHHI OBST HAZARD IN THE TACTICAL FLIGHT TRAINING AREA
UNMARKED WIRES CROSSING GULCH NORTH OF BLACK SECTOR NOE ROUTE
GRID COORDINATE FJ012851. 21 OCT 21:15 2016 UNTIL 14 JAN 09:00 2017. CREATED:
21 OCT 21:15 2016

PHHI M0684/16 PHHI OBST HAZARD UNMARKED 200 FT TOWER IN THE TACTICAL
FLIGHT TRAINING AREA IN NORTH WEST CORNER BLACK SECTOR GRID
COORDINATE FJ010857. 21 OCT 21:00 2016 UNTIL 14 JAN 09:00 2017. CREATED: 21
OCT 21:00 2016

PHHI M0683/16 PHHI OBST HAZARD UNMARKED 200 FT TOWER IN THE TACTICAL
FLIGHT TRAINING AREA IN NORTH WEST CORNER YELLOW SECTOR GRID
COORDINATE FJ001907. 21 OCT 20:52 2016 UNTIL 14 JAN 09:00 2017. CREATED: 21
OCT 20:52 2016

PHHI M0682/16 PHHI OBST HAZARD UNMARKED 200 FT TOWER IN THE TACTICAL
FLIGHT TRAINING AREA IN CENTER WEST BLUE SECTOR GRID COORDINATE
FJ026956. 21 OCT 20:44 2016 UNTIL 14 JAN 09:00 2017. CREATED: 21 OCT 20:44 2016

PHHI M0674/16 PHHI TWY A NO TAKEOFF OR LANDING GROUND TAXI ONLY
ABEAM NATIONAL GUARD RAMP. 18 OCT 21:01 2016 UNTIL 14 JAN 09:00 2017.
CREATED: 18 OCT 21:01 2016

PHHI M0637/16 PHHI AERODROME CAUTION CENTER SOD CLOSED NO OVER
FLIGHT OR HOVER IN CENTER SOD. ENTER HOT POL FROM RWY TO PAD 8 OR
DIAGONAL HOVER AREA ONLY. DIAGONAL HOVER AREA NOT AVAILABLE TO
H47 OR H53. 05 OCT 02:21 2016 UNTIL 31 DEC 09:00 2016. CREATED: 05 OCT 02:21
2016

HNL 12/152 PHDH AIRSPACE SEE FDC 6/5409 ZHN 91.141 VIP TFR
1612302130-1612310730

SUAW 12/617 PHZH AIRSPACE R3110B ACT 9000FT UP TO BUT NOT INCLUDING
FL190 1612301600-1612311000

SUAW 12/616 PHZH AIRSPACE R3110A ACT SFC-8999FT 1612301600-1612311000

SUAW 12/615 PHZH AIRSPACE R3110C ACT SFC-8999FT 1612301600-1612311000

SUAW 12/414 PHZH AIRSPACE R3109B ACT 9000FT UP TO BUT NOT INCLUDING FL190 1612271000-1612311000

SUAW 12/413 PHZH AIRSPACE R3109A ACT SFC-8999FT 1612271000-1612311000

SUAW 12/412 PHZH AIRSPACE R3109C ACT SFC-8999FT 1612271000-1612311000

SUAW 11/523 PHZH AIRSPACE R3103 ACT SFC-FL300 1611281900-1612312200

FDC 6/6543 PHZH HI..AIRSPACE KILAUEA HI..VOLCANIC ACT ADVISORY FOR KILAUEA VOLCANO HI, WI AN AREA BOUNDED BY 191936N1550208W TO 191911N1550154W TO 191842N1550252W TO 191907N1550306W. KILAUEA VOLCANO HAS BEEN IN AN ACTIVE STATE. HAZARDOUS EMISSIONS OF VOLCANIC ASH HAVE INTERMITTENTLY COMPLICATED AIR TRAVEL IN THE AREA. LAVA BENCH COLLAPSES CAN OCCUR AT ANY TIME WITHOUT WARNING AND CAN EJECT MATERIAL UP TO 1000FT OR MORE. OCEAN ENTRY CREATES HAZARDOUS EMISSIONS CONSISTING OF SUPERHEATED STEAM, HYDROCHLORIC ACID, AND SHARDS OF VOLCANIC GLASS. ANY IMPACT ON ACFT OPS IS DESCRIBED IN CURRENT SIGMET, CWA, OR PIREP INFORMATION. ACFT SHOULD REMAIN ALERT FOR POSSIBLE ASH CLOUDS AND REPORT ANY SIGHTINGS TO ATC. ACFT OPERATORS SHOULD CONTINUALLY EVALUATE OPS IN THE AREA DEFINED BY THE SIGMET. AVIATION ALERT COLOR CODE ORANGE IS IN EFFECT. FLT INTO VOLCANIC ASH MAY CAUSE ENGINE DAMAGE/FAILURE AND ABRASION DAMAGE TO AIRFRAME AND WINDSHIELD SFCS. ANY AIR CARRIERS, INCLUDING FOREIGN AIR CARRIERS THAT OBSERVE OR EXPERIENCE DIFFICULTIES RESULTING FM AN ENCOUNTER WITH VOLCANIC ASH PLEASE NOTIFY ATC IMMEDIATELY IN ACCORDANCE WITH FAR 121.561 AND ICAO, ANNEX 3, PARAGRAPH 5.4 (SPECIAL AIRCRAFT OPERATIONS), AND ANNEX 6 PARAGRAPH 4.4.3 (HAZARDOUS FLIGHT CONDITIONS), CONTACT HONOLULU CONTROL FACILITY, KILAUEA HI..VOLCANIC ACT ADVISORY FOR 808-840-6201, FOR ADDITIONAL INFORMATION 06 DEC 02:00 2016 UNTIL 02 NOV 23:59 2017. CREATED: 06 DEC 02:05 2016

FDC 6/4355 PHZH HI..AIRSPACE KILAUEA HI..VOLCANIC ACT ADVISORY FOR KILAUEA VOLCANO HI, 1925N15516W, AND THE HILO /ITO/ VORTAC 209 DEGREE RADIAL AT 023NM. KILAUEA VOLCANO HAS BEEN IN AN ACTIVE STATE. HAZARDOUS EMISSIONS OF VOLCANIC ASH HAVE INTERMITTENTLY COMPLICATED AIR TRAVEL IN THE AREA. ANY IMPACT ON ACFT OPS IS DESCRIBED IN CURRENT SIGMET, CWA, OR PIREP INFORMATION. ACFT SHOULD REMAIN ALERT FOR POSSIBLE ASH CLOUDS AND REPORT ANY SIGHTINGS TO ATC. ACFT OPERATORS SHOULD CONTINUALLY EVALUATE OPS IN THE AREA DEFINED BY THE SIGMET. AVIATION ALERT COLOR CODE ORANGE IS IN EFFECT. FLT INTO VOLCANIC ASH MAY CAUSE ENGINE DAMAGE/FAILURE AND ABRASION DAMAGE TO AIRFRAME AND WINDSHIELD SFCS. ANY AIR CARRIERS, INCLUDING FOREIGN AIR CARRIERS THAT OBSERVE OR EXPERIENCE DIFFICULTIES RESULTING FM AN ENCOUNTER WITH VOLCANIC ASH PLEASE

NOTIFY ATC IMMEDIATELY IN ACCORDANCE WITH FAR 121.561 AND ICAO, ANNEX 3, PARAGRAPH 5.4 (SPECIAL AIRCRAFT OPERATIONS), AND ANNEX 6 PARAGRAPH 4.4.3 (HAZARDOUS FLIGHT CONDITIONS), CONTACT HONOLULU CONTROL FACILITY, 808-840-6201, FOR ADDITIONAL INFORMATION. 29 NOV 23:00 2016 UNTIL 03 NOV 00:01 2017. CREATED: 29 NOV 23:00 2016

FDC 6/2825 PHZH HI..ROUTE ZHN. V11 LNBRG, HI TO SWEEP, HI MEA 5400 NORTHBOUND. UPP VOR ESV R338/48/54/450. 26 NOV 15:10 2016 UNTIL 08 JUL 15:10 2017 ESTIMATED. CREATED: 26 NOV 15:11 2016

PHZH A1437/16 PHZH R3101 ACT. ELECTROMAGNETIC RADIATION WILL CONTINUOUSLY EXIST AT THE PACIFIC MISSILE RANGE FACILITY, KAUAI. ACFT WI THE ABOVE AIRSPACE WILL BE EXPOSED TO DIRECT RADIATION WHICH MAY PRODUCE HARMFUL EFFECTS TO PERSONNEL AND EQPT. SFC - 16000FT, 23 NOV 01:15 2016 UNTIL 20 JAN 22:00 2017. CREATED: 23 NOV 01:17 2016

CARF 12/069 KZAK AIRSPACE DCC BRAVO THREE STATIONARY ALTITUDE RESERVATION WITHIN AN AREA DEFINED AS 4040N12710W TO 4040N13200W TO 3730N13200W TO 3730N12710W TO POINT OF ORIGIN SFC-FL200 1701021630-1701021930

CARF 12/068 KZAK AIRSPACE DCC BRAVO THREE STATIONARY ALT RESERVATION WI AN AREA DEFINED AS 4040N12710W TO 4040N13200W TO 3730N13200W TO 3730N12710W TO POINT OF ORIGIN SFC-FL200 1701011630-1701011930

CARF 12/067 KZAK AIRSPACE DCC BRAVO THREE STATIONARY ALTITUDE RESERVATION WI AN AREA DEFINED AS 4040N12710W TO 4040N13200W TO 3730N13200W TO 3730N12710W TO POINT OF ORIGIN SFC-FL200 1612312300-1701010200

KZAK A5283/16 KZAK (TDM TRK M 161231190001 1612311900 1701010800 REDWD TRYSH GAPNE 44N140W 47N150W 49N160W 51N170W 53N180E OPAKE OLCOT OPHET OGDEN OMOTO RTS/KDFW UPR REDWD OMOTO R580 OATIS RMK/0). 31 DEC 19:00 2016 UNTIL 01 JAN 08:00 2017. CREATED: 31 DEC 03:22 2016

KZAK A5282/16 KZAK (TDM TRK H 161231190001 1612311900 1701010800 ALCOA CEPAS COBAD 41N140W 43N150W 45N160W 46N170W 47N180E 46N170E 41N160E 36N150E SEALS RTS/KSFO GNNRR ALCOA KLAX RZS LIBBO BRINY ALCOA SEALS OTR13 VACKY RMK/TRK H ONLY AVAILABLE TO ACFT LANDING RCTP OR SOUTH TRK ADVISORY IN EFFECT FOR TRK H TRK I NOT AVAILABLE DUE TO WINDS). 31 DEC 19:00 2016 UNTIL 01 JAN 08:00 2017. CREATED: 31 DEC 03:22 2016

KZAK A5281/16 KZAK (TDM TRK F 161231190001 1612311900 1701010800 REDWD SHENU 40N130W 42N140W 44N150W 46N160W 47N170W 48N180E 47N170E 44N160E EMRON RTS/KSFO GNNRR STINS AMAKR REDWD KLAX RZS LIBBO BRINY BOARS

AMAKR REDWD EMRON OTR9 AVBET RMK/TRK ADVISORY IN EFFECT FOR TRK F). 31 DEC 19:00 2016 UNTIL 01 JAN 08:00 2017. CREATED: 31 DEC 03:21 2016

KZAK A5280/16 KZAK (TDM TRK E 161231190001 1612311900 1701010800 REDWD TRYSH GAPNE 44N140W 47N150W 49N160W 51N170W 53N180E OPAKE OLCOT OPHET OGDEN OMOTO RTS/KSFO GNNRR STINS AMAKR REDWD KLAX RZS LIBBO BRINY BOARS AMAKR REDWD OMOTO R580 OATIS RMK/TRK ADVISORY IN EFFECT FOR TRK E). 31 DEC 19:00 2016 UNTIL 01 JAN 08:00 2017. CREATED: 31 DEC 03:21 2016

KZAK A5279/16 KZAK (TDM TRK C 161231190001 1612311900 1701010800 MANJO 52N140W 52N150W 53N160W 54N170W DRAPP NATES NIKLL NYMPH NUZAN NIPPI RTS/CYVR TREEL V317 QQ MANJO KSEA TOU FINGS MANJO KPDX TOU FINGS MANJO KSFO TOU FINGS MANJO KLAX TOU FINGS MANJO NIPPI R220 NANAC RMK/TRK ADVISORY IN EFFECT FOR TRK C). 31 DEC 19:00 2016 UNTIL 01 JAN 08:00 2017. CREATED: 31 DEC 03:21 2016

KZAK A5278/16 KZAK (TDM TRK A 161231190001 1612311900 1701010800 NONNI BRIUN 21N170W 22N180E 23N170E 26N160E 28N150E TONIK RTS/PHNL KEOLA NONNI TONIK G223 ADKAK RMK/TRK B NOT AVAILABLE). 31 DEC 19:00 2016 UNTIL 01 JAN 08:00 2017. CREATED: 31 DEC 03:20 2016

KZAK A5277/16 KZAK (TDM TRK J 161231050001 1612310500 1612312100 LINUZ MITOH 43N130W 47N140W 52N150W 56N160W PUGGY NULUK NANDY NATES NIKLL NYMPH NUZAN NIPPI RTS/KSFO GNNRR STINS AMAKR LINUZ KLAX RZS LIBBO BRINY BOARS AMAKR LINUZ NIPPI R220 NANAC RMK/TRK ADVISORY IN EFFECT FOR TRK J TRK K NOT AVAILABLE FILE TRK J). 31 DEC 05:00 2016 UNTIL 31 DEC 21:00 2016. CREATED: 30 DEC 18:48 2016

KZAK A5276/16 KZAK (TDM TRK 8 161231070001 1612310700 1612312100 EMRON 41N160E 44N170E 47N180E 50N170W 53N160W 54N150W 53N140W MANJO RTS/AVBET OTR9 EMRON MANJO NAKBI EPTIV UPR KDFW RMK/0). 31 DEC 07:00 2016 UNTIL 31 DEC 21:00 2016. CREATED: 30 DEC 18:47 2016

KZAK A5275/16 KZAK WARNING AREA W-291 ACT EAST OF 121 DEGREES WEST LONGITUDE AND SOUTH OF 30.5 DEGREES NORTH LATITUDE. THIS MAY NOT BE THE ONLY AIRSPACE ACTIVATION WITHIN W-291. OPERATORS ARE ADVISED THAT ADDITIONAL NOTAMS MIGHT EXIST FOR THE CLOSURE OF OTHER PORTIONS OF W-291. FL050 - FL400, DAILY 2100-0700, 05 JAN 21:00 2017 UNTIL 10 JAN 07:00 2017. CREATED: 30 DEC 14:53 2016

KZAK A5274/16 KZAK WARNING AREA W-291 ACT EAST OF 121 DEGREES WEST LONGITUDE AND NORTH OF 30.5 DEGREES NORTH LATITUDE. THIS MAY NOT BE THE ONLY AIRSPACE ACTIVATION WITHIN W-291. OPERATORS ARE ADVISED THAT ADDITIONAL NOTAMS MIGHT EXIST FOR THE CLOSURE OF OTHER PORTIONS OF W-291. SFC - FL800, 05 JAN 16:00 2017 UNTIL 10 JAN 14:30 2017.

CREATED: 30 DEC 14:51 2016

KZAK A5273/16 KZAK WARNING AREA W-291 ACT EAST OF 121 DEGREES WEST LONGITUDE AND NORTH OF 30.5 DEGREES NORTH LATITUDE. THIS MAY NOT BE THE ONLY AIRSPACE ACTIVATION WITHIN W-291. OPERATORS ARE ADVISED THAT ADDITIONAL NOTAMS MIGHT EXIST FOR THE CLOSURE OF OTHER PORTIONS OF W-291. SFC - FL800, 04 JAN 16:00 2017 UNTIL 05 JAN 02:00 2017.

CREATED: 30 DEC 14:50 2016

KZAK A5272/16 KZAK WARNING AREA W-291 ACT EAST OF 121 DEGREES WEST LONGITUDE AND NORTH OF 30.5 DEGREES NORTH LATITUDE. THIS MAY NOT BE THE ONLY AIRSPACE ACTIVATION WITHIN W-291. OPERATORS ARE ADVISED THAT ADDITIONAL NOTAMS MIGHT EXIST FOR THE CLOSURE OF OTHER PORTIONS OF W-291. SFC - FL800, 03 JAN 16:00 2017 UNTIL 04 JAN 02:00 2017.

CREATED: 30 DEC 14:50 2016

KZAK A5270/16 KZAK (TDM TRK M 161230190001 1612301900 1612310800 BOXER ENDAW ZANNG 45N140W 47N150W 49N160W 52N170W 53N180E OPAKE OLCOT OPHET OGDEN OMOTO RTS/KDFW UPR BOXER OMOTO R580 OATIS RMK/0). 30 DEC 19:00 2016 UNTIL 31 DEC 08:00 2016. CREATED: 30 DEC 03:10 2016

KZAK A5269/16 KZAK (TDM TRK I 161230190001 1612301900 1612310800 AUDIA 36N130W 38N140W 39N150W 37N160W 33N170W 28N180E 25N170E 23N160E 22N150E 22N140E TUNTO RTS/KLAX AUDIA TUNTO R595 SEDKU RCTP TUNTO IGURU VHHH RMK/ALTITUDE MAY BE RESTRICTED WHILE CROSSING ATS ROUTES TRK I ONLY AVAILABLE TO ACFT LANDING RCTP OR SOUTH). 30 DEC 19:00 2016 UNTIL 31 DEC 08:00 2016. CREATED: 30 DEC 03:09 2016

KZAK A5268/16 KZAK (TDM TRK H 161230190001 1612301900 1612310800 ALCOA BUTEN BOSKE 39N140W 39N150W 37N160W 33N170W 28N180E 25N170E 23N160E 22N150E 22N140E TUNTO RTS/KSFO GNNRR ALCOA KLAX RZS LIBBO BRINY ALCOA TUNTO R595 SEDKU RCTP TUNTO IGURU VHHH RMK/TRK ADVISORY IN EFFECT FOR TRK H TRK H ONLY AVAILABLE TO ACFT LANDING RCTP OR SOUTH). 30 DEC 19:00 2016 UNTIL 31 DEC 08:00 2016. CREATED: 30 DEC 03:09 2016

KZAK A5267/16 KZAK (TDM TRK F 161230190001 1612301900 1612310800 ALCOA DACEM 40N130W 42N140W 44N150W 45N160W 46N170W 47N180E 46N170E 43N160E EMRON RTS/KSFO GNNRR ALCOA KLAX RZS LIBBO BRINY ALCOA EMRON OTR9 AVBET RMK/TRK ADVISORY IN EFFECT FOR TRK F). 30 DEC 19:00 2016 UNTIL 31 DEC 08:00 2016. CREATED: 30 DEC 03:08 2016

KZAK A5266/16 KZAK (TDM TRK E 161230190001 1612301900 1612310800 REDWD TRYSH GAPNE 43N140W 45N150W 47N160W 50N170W 52N180E OPAKE OLCOT OPHET OGDEN OMOTO RTS/KSFO GNNRR STINS AMAKR REDWD KLAX RZS LIBBO BRINY BOARS AMAKR REDWD OMOTO R580 OATIS RMK/TRK ADVISORY IN EFFECT FOR TRK E). 30 DEC 19:00 2016 UNTIL 31 DEC 08:00 2016. CREATED: 30 DEC

03:08 2016

KZAK A5265/16 KZAK (TDM TRK C 161230190001 1612301900 1612310800 PRETY 49N140W 50N150W 52N160W 54N170W POOFF NATES NIKLL NYMPH NUZAN NIPPI RTS/CYVR V304 YAZ PRETY KSEA TOU SEFIX PRETY KPDY TOU SEFIX PRETY KSFO TOU SEFIX PRETY KLAX TOU SEFIX PRETY NIPPI R220 NANAC RMK/TRK ADVISORY IN EFFECT FOR TRK C). 30 DEC 19:00 2016 UNTIL 31 DEC 08:00 2016. CREATED: 30 DEC 03:07 2016

KZAK A5264/16 KZAK (TDM TRK A 161230190001 1612301900 1612310800 PUPPI CRESP 22N170W 22N180E 23N170E 25N160E 29N150E TONIK RTS/PHNL KEOLA PUPPI TONIK G223 ADKAK RMK/TRK B NOT AVAILABLE). 30 DEC 19:00 2016 UNTIL 31 DEC 08:00 2016. CREATED: 30 DEC 03:06 2016

KZAK A5260/16 KZAK DUE TO AIRCRAFT MANEUVERING, THE FOLLOWING AREAS ARE NOTAMED AT THE TIMES INDICATED: SPEEDAIR NORTH/CENTRAL/SOUTH. SPEEDAIR NORTH WI AN AREA DEFINED AS 5410N14000W TO 5322N13700W TO 5243N13500W TO 5100N13345W TO 5045N13309W TO 5045N13717W TO 5315N14000W TO POINT OF ORIGIN. SPEEDAIR CENTRAL WI AN AREA DEFINED AS 5045N13717W TO 5045N13309W TO 4820N12800W TO 4821N13000W TO 4820N13500W TO POINT OF ORIGIN. SPEEDAIR SOUTH WI AN AREA DEFINED AS 4820N13500W TO 4821N13000W TO 4550N12810W TO 4550N13100W TO POINT OF ORIGIN. IN THE INTEREST OF SAFETY ALL NON-PARTICIPATING AIRCRAFT ARE ADVISED TO AVOID THE NOTAMED AREAS. IFR AIRCRAFT UNDER ATC JURISDICTION SHOULD ANTICIPATE CLEARANCE AROUND THE NOTAMED AREAS. FL055 - FL230, DLY 1400-0600, 03 JAN 14:00 2017 UNTIL 09 JAN 06:00 2017. CREATED: 29 DEC 19:13 2016

KZAK A5172/16 KZAK DUE TO AIRCRAFT MANEUVERING, THE FOLLOWING AREAS ARE NOTAMED AT THE TIMES INDICATED: SPEEDAIR NORTH/CENTRAL/SOUTH. SPEEDAIR NORTH WI AN AREA DEFINED AS 5410N14000W TO 5322N13700W TO 5243N13500W TO 5100N13345W TO 5045N13309W TO 5045N13717W TO 5315N14000W TO POINT OF ORIGIN. SPEEDAIR CENTRAL WI AN AREA DEFINED AS 5045N13717W TO 5045N13309W TO 4820N12800W TO 4821N13000W TO 4820N13500W TO POINT OF ORIGIN. SPEEDAIR SOUTH WI AN AREA DEFINED AS 4820N13500W TO 4821N13000W TO 4550N12810W TO 4550N13100W TO POINT OF ORIGIN. IN THE INTEREST OF SAFETY ALL NON-PARTICIPATING AIRCRAFT ARE ADVISED TO AVOID THE NOTAMED AREAS. IFR AIRCRAFT UNDER ATC JURISDICTION SHOULD ANTICIPATE CLEARANCE AROUND THE NOTAMED AREAS. FL055 - FL230, DLY 1400-0600, 27 DEC 14:00 2016 UNTIL 01 JAN 06:00 2017. CREATED: 22 DEC 14:49 2016

KZAK A1613/16 KZAK ATTN ALL AIRCREWS -NEW PROCEDURAL REQUIREMENT FOR FLIGHTS OPERATING IN OAKLAND OCEANIC CONTROL AREA (KZAK) IN ORDER TO SUPPORT COST INDEX OR ECON SPEEDS AND MAINTAIN ATC SEPARATION SPACING AIRCREWS ARE REQUIRED TO USE THE FOLLOWING PROCEDURES IN THE KZAK FIR. A PILOT MUST INFORM ATIS EACH TIME THE CRUISING MACH NUMBER VARIES OR IS EXPECTED TO VARY BY A VALUE

EQUAL TO OR GREATER THAN 0.02 MACH FROM: (1) THE MACH NUMBER AT FIR ENTRY; OR (2) ANY SUBSEQUENT SPEED CHANGE NOTIFIED TO ATC IN FLIGHT IF YOU HAVE ANY QUESTIONS CONTACT DUSTIN BYERLY (510)745-3543. 14 APR 13:37 2016 UNTIL PERM. CREATED: 14 APR 13:41 2016

KZAK A1496/15 KZAK ATTENTION AIRCRAFT OPERATORS AND FLIGHT DISPATCHERS. THIS NOTICE SERVES AS A REMINDER THAT ALL ICAO FLIGHT PLANS MUST BE TRANSMITTED TO EVERY AREA CONTROL CENTER THAT WILL BE RESPONSIBLE FOR PROVIDING AIR TRAFFIC SERVICES BETWEEN THE DEPARTURE AND DESTINATION AERODROMES. FOR EACH AREA CONTROL CENTER WHERE AN EET MUST BE PROVIDED, A FLIGHT PLAN MESSAGE MUST BE SENT. FLIGHT PLAN MESSAGES FOR OAKLAND OCEANIC CONTROL AREA (KZAK) MUST BE TRANSMITTED TO KZAKZQZX AND ARINC SFO RADIO KSFOXAAX. QUESTIONS REGARDING THIS REQUIREMENT MAY BE DIRECTED TO MICHAEL MARTINEZ AT (510) 745-3320 OR MICHAEL.MARTINEZ@FAA.GOV. 14 APR 15:57 2015 UNTIL PERM. CREATED: 14 APR 16:03 2015

KZAK A1218/12 KZAK QAFCI ATTENTION DISPATCHERS AND AIRCRAFT OPERATORS. NOTICE TO FLIGHT CREWS, AIRCRAFT OPERATORS AND DISPATCHERS. ALL FLIGHTS ENTERING THE OAKLAND OCEANIC FIR ARE REQUIRED TO ADVISE OAKLAND CENTER OF ANY CHANGES TO THE NAVIGATION CAPABILITIES FILED IN THE ORIGINAL FLIGHT PLAN PRIOR TO ENTERING OCEANIC AIRSPACE. QUESTIONS REGARDING THIS SUBJECT MAY BE ADDRESSED TO THE OAKLAND OCEANIC SUPERVISOR AT (510) 745-3342 OR THE OAKLAND OCEANIC AIRSPACE AND PROCEDURES OFFICE AT (510) 745-3258/3548. WIE UNTIL UFN. CREATED: 23 MAR 19:51 2012

FDC 6/6800 22ME SPECIAL Bar Harbor Heliport, BAR HARBOR, ME. COPTER RNAV (GPS) 022 DEPARTURE (PILOT NAV), ORIG ... PROCEDURE NA. 12 NOV 22:10 2016 UNTIL 24 JUN 22:10 2017 ESTIMATED. CREATED: 12 NOV 22:11 2016

FDC 6/0671 2ME2 SPECIAL NORTH HAVEN, NORTH HAVEN, ME. COPTER RNAV (GPS) 135 DEPARTURE (PILOT NAV), ORIG...PROCEDURE NA. 14 OCT 18:00 2016 UNTIL 26 MAY 18:00 2017. CREATED: 14 OCT 17:54 2016

FDC 5/8197 2ME2 SPECIAL NORTH HAVEN, NORTH HAVEN, ME. COPTER RNAV (GPS) 135 DEPARTURE (PILOT NAV), ORIG ... PROCEDURE NA. 25 NOV 19:51 2015 UNTIL 23 MAY 19:51 2016 ESTIMATED. CREATED: 25 NOV 19:51 2015

FDC 6/0672 4ME9 SPECIAL NORWAY HELIPORT, NORWAY, ME. COPTER RNAV (GPS) 024 DEPARTURE (PILOT NAV), ORIG... PROCEDURE NA. 14 OCT 18:00 2016 UNTIL 26 MAY 18:00 2017. CREATED: 14 OCT 17:55 2016

FDC 5/8198 4ME9 SPECIAL NORWAY HELIPORT, NORWAY, ME. COPTER RNAV (GPS) 024 DEPARTURE (PILOT NAV) , ORIG ... PROCEDURE NA. 25 NOV 19:53 2015 UNTIL 23 MAY 19:53 2016 ESTIMATED. CREATED: 25 NOV 19:53 2015

FDC 6/6889 4OH2 SPECIAL , , . COPTER RNAV (GPS) 160, AMDT 1... IFR DEPARTURE NA. 11 OCT 16:12 2016 UNTIL 23 MAY 16:12 2017 ESTIMATED. CREATED: 11 OCT 16:12 2016

FDC 6/5310 4OH2 IAP , , . COPTER RNAV (GPS) 160, AMDT 1... PROCEDURE NA. 29 JUL 21:07 2016 UNTIL 10 MAR 21:07 2017 ESTIMATED. CREATED: 29 JUL 21:07 2016

FDC 6/1298 9LA3 SPECIAL , LEEVILLE, LA. COPTER RNAV (GPS) 180, AMDT 1... COPTER RNAV (GPS) 274, AMDT 1... PROCEDURE NA. IFR DEPARTURE NA. 02 NOV 15:01 2016 UNTIL 14 JUN 15:01 2017 ESTIMATED. CREATED: 02 NOV 15:01 2016

FDC 6/3118 CN52 IAP OROVILLE HOSPITAL, OROVILLE, CA. COPTER RNAV (GPS) 091, AMDT 1... PROCEDURE NA. 19 OCT 17:19 2016 UNTIL 31 MAY 17:19 2017 ESTIMATED. CREATED: 19 OCT 17:19 2016

FDC 6/3113 CN52 SPECIAL OROVILLE HOSPITAL, OROVILLE, CA. COPTER RNAV (GPS) 090, ORIG... LNAV MDA 680/HAS 316, VISIBILITY 3/4 MILE. 26 AUG 19:58 2016 UNTIL 07 APR 19:58 2017 ESTIMATED. CREATED: 26 AUG 19:58 2016

MLC 06/040 HAX OBST TOWER LGT (ASN 2013-ASW-8147-OE) 354739N0951659W (7.0NM ENE HAX) 764FT (250FT AGL) OUT OF SERVICE 1606031414-1705312200

MLC 06/039 HAX OBST TOWER LGT (ASN 2013-ASW-8148-OE) 354755N0951659W (7.1NM ENE HAX) 763FT (250FT AGL) OUT OF SERVICE 1606031412-1705312200

MLC 06/038 HAX OBST TOWER LGT (ASN 2013-ASW-8150-OE) 354808N0951846W (5.9NM NE HAX) 731FT (215FT AGL) OUT OF SERVICE 1606031411-1705312200

K4MR M0119/16 K4MR PORSCHE HLZ CLOSED UFN. HELO PAD CLOSED. 09 DEC 14:47 2016 UNTIL 31 DEC 08:00 2016. CREATED: 09 DEC 14:22 2016

K4MR M0109/16 K4MR WILDERNESS HELICOPTER LANDING ZONE IS CLOSED FOR LANDINGS DUE TO INABILITY OF FIRST RESPONDERS TO ACCESS WEI UFN. 01 NOV 21:21 2016 UNTIL 31 DEC 23:59 2016. CREATED: 01 NOV 21:27 2016

K4MR M0104/16 K4MR AIRCRAFT TURNAROUNDS WILL NOT BE MADE ON BOBCAT LANDING ZONE SURFACES OR DISPLACED THRESHOLDS. TURNAROUNDS WILL ONLY BE DONE AT THE KEYHOLES ON RUNWAY 21R/03L. 03 OCT 14:41 2016 UNTIL 31 DEC 15:00 2016. CREATED: 03 OCT 14:43 2016

K4MR M0103/16 K4MR REDHORSE LANDING ZONE RUNWAY 04 DISPLACED THRESHOLD, DO NOT LAND WITHIN THE FIRST 1000 FEET. 03 OCT 14:39 2016 UNTIL 31 DEC 15:00 2016. CREATED: 03 OCT 14:41 2016

K4MR M0101/16 K4MR OBSTACLE 4751 FEET (151 FEET AGL) CRANE LOCATED IN

THE VICINITY OF N 34 17.2129 W 103 48.5866, MGRS 13SFT 09547 94607. 03 OCT 14:34 2016 UNTIL 31 DEC 15:00 2016. CREATED: 03 OCT 14:36 2016

K4MR M0098/16 K4MR ARFF FIREFIGHTERS WILL NOT BE ABLE TO MAKE ENTRY AND MAY NOT BE ABLE TO MAINTAIN AN EXIT OF A BURNING AIRCRAFT. AIRCREWS WILL NEED TO EGRESS THEMSELVES IN THE EVENT OF AN EMERGENCY. 03 OCT 14:35 2016 UNTIL 31 DEC 23:59 2016. CREATED: 03 OCT 14:35 2016

K4MR M0094/16 K4MR HOVER OPERATIONS OVER ALL CONEX URBAN VILLAGES LIMITED TO 200 FEET AGL AND ABOVE; DOES NOT APPLY TO CONEXS AT SPRINT HELICOPTER LANDING ZONE. 03 OCT 14:31 2016 UNTIL 31 DEC 23:59 2016. CREATED: 03 OCT 14:33 2016

K4MR M0093/16 K4MR WRANGLER HLZ LANDING PADS ARE DETERIORATING. THE NORTHERN MOST PAD IS UNUSABLE. THE EASTERN AND SOUTHERN PADS ARE DETERIORATING AND DEVELOPING POTENTIAL FOD. USERS ACCEPTS RESPONSIBILITY FOR DAMAGE TO EQUIPMENT. 03 OCT 14:30 2016 UNTIL 31 DEC 15:00 2016. CREATED: 03 OCT 14:31 2016

KAYX M0005/16 KAYX BASE OPERATIONS CLOSED. AERODROME AND ALL AIRFIELD OPERATIONS CLOSED. 13 DEC 16:00 2016 UNTIL 01 MAR 12:00 2017. CREATED: 13 DEC 15:34 2016

KICZ A0024/16 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 ACTIVITIES. 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 IS A RISK TO U.S. CIVIL AVIATION OPERATING IN THE TERRITORY AND AIRSPACE OF PAKISTAN DUE TO EXTREMIST/MILITANT ACTIVITY. THERE CONTINUES TO BE A RISK TO U.S. CIVIL AVIATION FROM ATTACKS AGAINST AIRPORTS AND AIRCRAFT, PARTICULARLY FOR AIRCRAFT ON THE GROUND AND AIRCRAFT OPERATING AT LOW ALTITUDES 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, THERE IS A POTENTIAL RISK FOR TERRORISTS TO TARGET CIVIL AVIATION WITH MANPADS AT LOW 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 30 DEC 2017. ADDITIONAL INFORMATION IS PROVIDED AT: [HTTP://WWW.FAA.GOV/AIR_TRAFFIC/PUBLICATIONS/US_RESTRICTIONS/](http://www.faa.gov/air_traffic/publications/us_restrictions/). SFC - UNL 30 DEC 13:30 2016 UNTIL 30 DEC 23:59 2017 ESTIMATED. CREATED: 30 DEC 13:38 2016

KICZ A0023/16 KICZ SECURITY..UNITED STATES OF AMERICA FLIGHT PROHIBITION AGAINST CERTAIN FLIGHTS WITHIN THE DAMASCUS (OSTT) FLIGHT INFORMATION REGION (FIR) 14 CFR 91.1609 SPECIAL FEDERAL AVIATION REGULATION (SFAR) NO. 114 PROHIBITION AGAINST CERTAIN FLIGHTS WITHIN THE DAMASCUS (OSTT) FLIGHT INFORMATION REGION (FIR) WAS PUBLISHED IN THE FEDERAL REGISTER AND EFFECTIVE ON 30 DEC 2016. 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 13:25 2016 UNTIL 30 DEC 23:59 2018. CREATED: 30 DEC 13:36 2016

KICZ A0022/16 KICZ SECURITY..UNITED STATES OF AMERICA ADVISORY FOR AFGHANISTAN. THOSE PERSONS DESCRIBED IN PARAGRAPH A BELOW FLYING INTO, OUT OF, WITHIN, OR OVER THE TERRITORY AND AIRSPACE OF AFGHANISTAN SHOULD 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. 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, PARTICULARLY WHEN OPERATING BELOW FL 330, DUE TO ONGOING MILITARY OPERATIONS AND EXTREMIST/MILITANT ACTIVITY. THE SECURITY SITUATION IN AFGHANISTAN CONTINUES TO PRESENT AN ONGOING CONCERN FOR U.S. CIVIL AVIATION INTERESTS, PARTICULARLY FOR AIRCRAFT ON THE GROUND AND AIRCRAFT OPERATING AT LOW ALTITUDES DURING THE ARRIVAL AND DEPARTURE PHASES OF FLIGHT. THERE IS A RISK OF ATTACKS AGAINST U.S. CIVIL AVIATION

IN AFGHANISTAN. AIRPORTS IN AFGHANISTAN MAY BE TARGETS OF DIRECT ASSAULT AND 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 LOW 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 2017. 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 24 DEC 14:41 2016 UNTIL 24 DEC 23:59 2017 ESTIMATED. CREATED: 24 DEC 14:41 2016

KICZ A0021/16 KICZ SECURITY..UNITED STATES OF AMERICA PROHIBITION FOR UKRAINE SIMFEROPOL (UKFV) AND DNEPROPETROVSK (UKDV) FLIGHT INFORMATION REGIONS (FIR) 14 CFR 91.1607 SPECIAL FEDERAL AVIATION REGULATION (SFAR) NO. 113-EXTENSION OF THE PROHIBITION AGAINST CERTAIN FLIGHTS IN THE SIMFEROPOL (UKFV) AND DNIPROPETROVSK (UKDV) FLIGHT INFORMATION REGIONS (FIRS) WAS PUBLISHED IN THE FEDERAL REGISTER ON OCTOBER 27, 2016 AND WAS EFFECTIVE IMMEDIATELY. SFAR NO. 113, AS AMENDED, EXTENDS THE PROHIBITION ON U.S. CIVIL FLIGHT OPERATIONS IN THE SIMFEROPOL (UKFV) AND DNEPROPETROVSK (UKDV) FIRS UNTIL OCTOBER 27, 2018. 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 OCT 11:13 2016 UNTIL 26 OCT 23:59 2018 ESTIMATED. CREATED: 27 OCT 11:21 2016

KICZ A0019/16 KICZ SECURITY..UNITED STATES OF AMERICA ADVISORY FOR TEHRAN (OIIX) FLIGHT INFORMATION REGION (FIR) THOSE PERSONS DESCRIBED IN PARAGRAPH A BELOW ARE ADVISED TO EXERCISE CAUTION WHEN FLYING IN THE TEHRAN (OIIX) FLIGHT INFORMATION REGION (FIR) DUE TO MILITARY ACTIVITY ASSOCIATED WITH THE CONFLICTS IN SYRIA AND IRAQ. BEFORE OPERATING IN OR ADJACENT TO THE TEHRAN FIR (OIIX) CAREFULLY REVIEW CURRENT NOTAMS AND BE FAMILIAR WITH CURRENT CONDITIONS IN THE MIDDLE EAST. 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 IN THE TEHRAN FIR (OIIX) 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. IRANIAN CIVIL AVIATION AUTHORITIES MAY ISSUE NOTAMS DESCRIBING REQUIRED PROCEDURES FOR ENTRY INTO THE TEHRAN FIR (OIIX). ANY PERSON DESCRIBED IN PARAGRAPH A PLANNING A FLIGHT THROUGH 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, AND TO ALL AIR TRAFFIC CLEARANCES WHILE IN THE TEHRAN FIR (OIIX). THE U.S. DEPARTMENT OF STATE HAS ISSUED A TRAVEL WARNING FOR IRAN ADVISING, IN PART, THAT THE U.S. GOVERNMENT DOES NOT CURRENTLY MAINTAIN DIPLOMATIC OR CONSULAR RELATIONS WITH THE ISLAMIC REPUBLIC OF IRAN, AND THAT THE SWISS GOVERNMENT, ACTING THROUGH ITS EMBASSY IN TEHRAN, SERVES AS THE PROTECTING POWER FOR U.S. INTERESTS IN IRAN. ANY U.S. OPERATOR MAKING AN UNANTICIPATED LANDING IN IRAN SHOULD CONTACT THE U.S. INTERESTS SECTION AT THE SWISS EMBASSY IN TEHRAN FOR ANY NEEDED ASSISTANCE AT TELEPHONE +98−21−2279-3912 OR +98−21−2279-3697. C. OPERATIONS. EXERCISE CAUTION DURING FLIGHT OPERATIONS DUE TO MILITARY ACTIVITY IN THE TEHRAN FIR (OIIX) ASSOCIATED WITH THE ONGOING CONFLICTS IN SYRIA AND IRAQ. 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 9 SEP 2017. ADDITIONAL INFORMATION IS PROVIDED AT: [HTTP://WWW.FAA.GOV/AIR_TRAFFIC/PUBLICATIONS/US_RESTRICTIONS/](http://www.faa.gov/air_traffic/publications/us_restrictions/). SFC - UNL 09 SEP 12:11 2016 UNTIL 09 SEP 23:59 2017 ESTIMATED. CREATED: 09 SEP 12:18 2016

KICZ A0017/16 KICZ SECURITY..UNITED STATES OF AMERICA ADVISORY FOR SOUTH SUDAN THOSE PERSONS DESCRIBED IN PARAGRAPH A SHOULD EXERCISE CAUTION FLYING INTO, OUT OF, WI OR OVER THE TERRITORY AND AIRSPACE OF SOUTH SUDAN AT ALTITUDES BELOW FL260 DUE TO THE HAZARDOUS SITUATION CREATED BY THE ONGOING FIGHTING 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. THOSE PERSONS DESCRIBED IN PARAGRAPH A PLANNING TO FLY INTO, OUT OF, WI, OR OVER THE ABOVE-NAMED AREA MUST REVIEW CURRENT SECURITY/THREAT INFORMATION AND NOTAMS; COMPLY WITH ALL APPLICABLE FAA REGULATIONS, LETTERS OF AUTHORIZATION, MANAGEMENT SPECIFICATIONS AND OPERATIONS SPECIFICATIONS, 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 WHENEVER POSSIBLE. IF A PERSON DESCRIBED IN PARAGRAPH A HAS LESS THAN 72 HOURS ADVANCE NOTICE OF SUCH A FLIGHT, THAT PERSON MUST PROVIDE NOTICE TO

THE FAA AT AEO-CITEWATCH@FAA.GOV AS FAR IN ADVANCE OF THE PLANNED FLIGHT AS POSSIBLE. C. OPERATIONS. EXERCISE CAUTION DURING FLIGHT OPERATIONS DUE TO THE POTENTIAL RISK FROM SMALL-ARMS FIRE, ROCKET-PROPELLED GRENADES, ANTI-AIRCRAFT FIRE, AND SHOULDER-FIRED MAN-PORTABLE AIR DEFENSE SYSTEMS (MANPADS). IN ADDITION, WHILE SOME ATTACKS HAVE BEEN INTENTIONAL, COMMAND AND CONTROL DEFICIENCIES AND/OR MISIDENTIFICATION OF AIRCRAFT HAVE LIKELY LED TO GOVERNMENT AND REBEL FORCES MISTAKENLY FIRING ON CIVIL AVIATION, PARTICULARLY ON THE GROUND AND AT LOW ALTITUDES. THOSE PERSONS DESCRIBED IN PARAGRAPH A MUST REPORT SAFETY AND/OR SECURITY INCIDENTS TO THE FAA AT +1 202-267-3333. THE JUSTIFICATION FOR THIS ADVISORY WILL BE RE-EVALUATED BY 8 AUG 2017. 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 12:45 2016 UNTIL 08 AUG 23:59 2017 ESTIMATED. CREATED: 08 AUG 12:44 2016

KICZ A0012/16 KICZ SECURITY..UNITED STATES OF AMERICA ADVISORY FOR NORTH KOREA PYONGYANG (ZKKP) FLIGHT INFORMATION REGION (FIR) THOSE PERSONS DESCRIBED IN PARAGRAPH A BELOW ARE ADVISED TO EXERCISE CAUTION WHEN FLYING IN OR NEAR THE PYONGYANG (ZKKP) FLIGHT INFORMATION REGION (FIR) EAST OF 132 DEGREES EAST LONGITUDE DUE TO NORTH KOREAS HISTORY OF UNANNOUNCED LAUNCHING OF MEDIUM-RANGE BALLISTIC MISSILES. 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 FOR AND OPERATING IN AND AROUND THE PYONGYANG FIR (ZKKP) EAST OF 132 DEGREES EAST LONGITUDE 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 DUE TO POSSIBLE UNANNOUNCED BALLISTIC MISSILE LAUNCHES. BETWEEN MARCH AND APRIL 2016, NORTH KOREA CONDUCTED UNANNOUNCED LAUNCHES OF SHORT RANGE BALLISTIC MISSILES INTO THE SEA OF JAPAN. IN ADDITION, NORTH KOREA HAS LAUNCHED MEDIUM RANGE BALLISTIC MISSILES WHICH HAVE THE ABILITY TO TRAVEL BEYOND 132 DEGREES EAST LONGITUDE (132 DEGREES EAST LONGITUDE IS THE EASTERN BOUNDARY OF SPECIAL FEDERAL AVIATION REGULATION (SFAR) 79). SFAR 79 PROHIBITS THE PERSONS DESCRIBED IN PARAGRAPH A FROM FLYING IN THE PYONGYANG (ZKKP) FIR WEST OF 132 DEGREES EAST LONGITUDE. IN ADDITION, UNANNOUNCED BALLISTIC MISSILE LAUNCHES INTO THE SEA OF JAPAN WITH POTENTIAL RANGES THAT EXTEND BEYOND THE SFAR 79 BOUNDARIES MAY OCCUR. THOSE PERSONS DESCRIBED IN

PARAGRAPH A MUST REPORT ANY OBSERVED ROCKET OR MISSILE LAUNCHES NEAR THE KOREAN PENINSULA 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 2017. ADDITIONAL INFORMATION IS PROVIDED AT: [HTTP://WWW.FAA.GOV/AIR_TRAFFIC/PUBLICATIONS/US_RESTRICTIONS/](http://www.faa.gov/air_traffic/publications/us_restrictions/). SFC - UNL 27 MAY 10:55 2016 UNTIL 27 MAY 23:59 2017 ESTIMATED. CREATED: 27 MAY 11:06 2016

KICZ A0011/16 KICZ SECURITY..UNITED STATES OF AMERICA ADVISORY FOR KOREAN PENINSULA INCHEON (RKRR) FLIGHT INFORMATION REGION (FIR) THOSE PERSONS DESCRIBED IN PARAGRAPH A BELOW ARE ADVISED TO EXERCISE CAUTION WHEN FLYING IN THE INCHEON (RKRR) FIR, ESPECIALLY NEAR SEOUL, SOUTH KOREA, DUE TO POSSIBLE INTERFERENCE WITH, OR DISRUPTION OF 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 PLANNING FOR AND OPERATING IN THE INCHEON FIR (RKRR) SHOULD BE PREPARED TO USE NON-GPS RELIANT NAVIGATION; MUST REVIEW CURRENT SECURITY/THREAT INFORMATION AND NOTAMS; AND COMPLY WITH ALL APPLICABLE FAA REGULATIONS, OPERATIONS SPECIFICATIONS (OPSPEC), MANAGEMENT SPECIFICATIONS (MSPEC), AND LETTERS OF AUTHORIZATION (LOA), INCLUDING UPDATING OPSPEC/MSPEC/LOA B450. C. OPERATIONS. EXERCISE CAUTION DURING FLIGHT OPERATIONS AS THERE HAVE BEEN REPORTS OF CIVIL AIRCRAFT EXPERIENCING GPS NAVIGATION SYSTEMS INTERFERENCE AND/OR DISRUPTION. BETWEEN MARCH AND APRIL 2016, AIRCRAFT OPERATING IN THE VICINITY OF INCHEON INTERNATIONAL AIRPORT (RKSI) EXPERIENCED INTERFERENCE AND/OR DISRUPTION SIMILAR TO THOSE EXPERIENCED IN 2012. 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 2017. ADDITIONAL INFORMATION IS PROVIDED AT: [HTTP://WWW.FAA.GOV/AIR_TRAFFIC/PUBLICATIONS/US_RESTRICTIONS/](http://www.faa.gov/air_traffic/publications/us_restrictions/). SFC - UNL 27 MAY 11:02 2016 UNTIL 27 MAY 23:59 2017 ESTIMATED. CREATED: 27 MAY 11:06 2016

KICZ A0009/16 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 (HECC) FLIGHT INFORMATION REGION (FIR) AT ALTITUDES BELOW FL260 WITHIN THE FOLLOWING LATERAL LIMITS: 311855N0321900E TO 294443N0322815E TO 281650N0331928E TO 272900N0341900E TO 292920N0345500E

THEN ALONG THE EGYPT/ISRAEL BORDER TO 311800N0341300E TO 311855N0321900E. 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 POTENTIAL RISK FROM EXTREMIST/MILITANT ATTACKS INVOLVING MAN-PORTABLE AIR DEFENSE SYSTEMS (MANPADS), ANTI-TANK MISSILES, SMALL-ARMS FIRE, AND INDIRECT FIRE FROM MORTARS AND ROCKETS TARGETING SINAI AIRPORTS AND AIRCRAFT. 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 2017. 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 30 MAR 11:13 2016 UNTIL 30 MAR 23:59 2017 ESTIMATED. CREATED: 30 MAR 11:20 2016

KICZ A0006/16 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 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 EXTREME CAUTION DURING FLIGHT OPERATIONS DUE TO THE RISK

TO SAFETY FROM SMALL-ARMS, ROCKET-PROPELLED GRENADES, MORTARS, ANTI-AIRCRAFT FIRE AND SHOULDER-FIRED MAN-PORTABLE AIR DEFENSE SYSTEMS (MANPADS). 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 2017. 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 14:52 2016 UNTIL 26 FEB 23:59 2017 ESTIMATED. CREATED: 26 FEB 14:57 2016

KICZ A0005/16 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 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; 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 CIVIL AVIATION. AIRCRAFT MAY ENCOUNTER SMALL-ARMS AND OTHER WEAPONS SYSTEMS, INCLUDING SHOULDER-FIRED MAN-PORTABLE AIR DEFENSE SYSTEMS (MANPADS). AIRPORTS IN KENYA HAVE BEEN TARGETED AS RECENTLY AS 2014 BY TERRORISTS AND MANPADS WERE PREVIOUSLY USED AGAINST AIRCRAFT IN KENYA IN 2002. 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. KICZ NOTAM A0040/15 IS CANCELLED. THE JUSTIFICATION FOR THIS ADVISORY WILL BE RE-EVALUATED BY 26 FEBRUARY 2017. 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 14:47 2016 UNTIL 26 FEB 23:59 2017 ESTIMATED. CREATED: 26 FEB 14:52 2016

KICZ A0002/16 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 7 JAN 2016 AND WAS EFFECTIVE IMMEDIATELY. SFAR NO. 115 SUPERSEDES KICZ NOTAM A0036/15 AND CONTINUES THE PROHIBITION ON U.S. CIVIL FLIGHT OPERATIONS IN SPECIFIED AREAS OF THE SANAA (OYSC) FIR THAT WAS CONTAINED IN KICZ NOTAM A0036/15. 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, 07 JAN 18:38 2016 UNTIL 06 JAN 23:59 2018. CREATED: 07 JAN 19:26 2016

KICZ A0001/16 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 7 JAN 2016 AND WAS EFFECTIVE IMMEDIATELY. AMENDED SFAR NO. 107 SUPERSEDES KICZ NOTAM A0031/15 AND INCORPORATES THE PROHIBITION ON U.S. CIVIL FLIGHT OPERATIONS IN THE TERRITORY AND AIRSPACE OF SOMALIA AT ALTITUDES BELOW FL260 THAT WAS CONTAINED IN KICZ NOTAM A0031/15 INTO SFAR 107. 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, 07 JAN 18:34 2016 UNTIL 06 JAN 23:59 2018. CREATED: 07 JAN 18:41 2016

KICZ A0019/15 KICZ SECURITY..UNITED STATES OF AMERICA FLIGHT PROHIBITION FOR U.S.CIVIL FLIGHTS IN THE BAGHDAD (ORBB) FLIGHT INFORMATION REGION (FIR). THE U.S. FEDERAL AVIATION ADMINISTRATION (FAA) HAS ISSUED 14 CFR 91.1605 SPECIAL FEDERAL AVIATION REGULATION (SFAR) NO. 77 PROHIBITION AGAINST CERTAIN FLIGHTS IN THE BAGHDAD (ORBB) FIR, AND WAS PUBLISHED IN THE FEDERAL REGISTER ON 11 MAY 2015. AMENDED SFAR 77 PROHIBITS FLIGHT OPERATIONS AT ALL ALTITUDES IN THE BAGHDAD (ORBB) FIR BY ALL UNITED STATES (U.S.) AIR CARRIERS; U.S. COMMERCIAL OPERATORS; PERSONS EXERCISING THE PRIVILEGES OF A U.S. AIRMAN CERTIFICATE, EXCEPT WHEN SUCH PERSONS ARE OPERATING A U.S. REGISTERED AIRCRAFT FOR A FOREIGN AIR CARRIER; AND OPERATORS OF U.S.-REGISTERED CIVIL AIRCRAFT, EXCEPT WHEN SUCH OPERATORS ARE FOREIGN AIR CARRIERS. THE PROHIBITION IS DUE TO THE POTENTIALLY HAZARDOUS SITUATION CREATED BY THE ARMED CONFLICT BETWEEN MILITANTS ASSOCIATED WITH THE ISLAMIC STATE IN IRAQ AND THE LEVANT AND IRAQI SECURITY FORCES AND THEIR ALLIES. SEE SFAR NO. 77 FOR FURTHER BACKGROUND INFORMATION. SFAR NO. 77 SUPERSEDES FDC NOTAM 4/2185 AND CONTINUES THE PROHIBITION ON U.S. CIVIL FLIGHT OPERATIONS IN THE BAGHDAD (ORBB) FIR. FDC NOTAM 5/9549 (KFDC A0016/15) IS CANCELLED. 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 NOV 17:24 2015 UNTIL 11 MAY 23:59 2017. CREATED: 18 NOV 17:41 2015

KICZ A0017/15 KICZ SECURITY..UNITED STATES OF AMERICA FLIGHT PROHIBITION AGAINST CERTAIN FLIGHTS WITHIN THE FLIGHT INFORMATION

REGION OF THE DEMOCRATIC PEOPLES REPUBLIC OF KOREA. SPECIAL FEDERAL AVIATION REGULATION (SFAR) NO. 79 FLIGHT PROHIBITION AGAINST CERTAIN FLIGHTS WITHIN THE FLIGHT INFORMATION REGION OF THE DEMOCRATIC PEOPLES REPUBLIC OF KOREA WAS PUBLISHED IN THE FEDERAL REGISTER ON 17 FEB 1998 AND UPDATED 17 APR 1998. FDC NOTAM 8/1167 IS CANCELLED. 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 NOV 17:35 2015 UNTIL PERM. CREATED: 18 NOV 17:37 2015

KICZ A0009/15 KICZ SECURITY..UNITED STATES OF AMERICA FLIGHT PROHIBITION AGAINST CERTAIN FLIGHTS IN THE TRIPOLI (HLLL) FLIGHT INFORMATION REGION (FIR). A NOTICE EXTENDING THE EXPIRATION DATE OF 14 CFR 91.1603 SPECIAL FEDERAL AVIATION REGULATION (SFAR) NO. 112 PROHIBITION AGAINST CERTAIN FLIGHTS IN THE TRIPOLI (HLLL) FIR WAS PUBLISHED IN THE FEDERAL REGISTER. SFAR NO. 112 SUPERSEDES FDC NOTAMS 4/7034 AND 5/5798 AND CONTINUES THE PROHIBITION ON U.S. CIVIL FLIGHT OPERATIONS IN THE TRIPOLI (HLLL) FIR. KFDC NOTAM 5/7254 (A0008/15) IS CANCELLED. 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), 16 NOV 18:25 2015 UNTIL 19 MAR 23:59 2017. CREATED: 16 NOV 18:30 2015

KIKR M0055/16 KIKR KIRTLAND AIRFIELD OPERATIONS HOURS OF OPERATION: 19-22 DECEMBER: 0800L-1600L (1500Z-2300Z) 23-26 DECEMBER: CLOSED 27-29 DECEMBER: 0800L-1600L (1500Z-2300Z) 30 DECEMBER-2 JANUARY: CLOSED THESE HOURS WILL BE IN EFFECT EXCEPT FOR PRE-APPROVED AIRCRAFT ARRIVALS/DEPARTURES. 19 DEC 14:00 2016 UNTIL 03 JAN 14:00 2017. CREATED: 16 DEC 21:19 2016

KIKR M0054/16 KIKR KIRTLAND AUXILIARY FIELD HELIPAD 6 LIGHTS AND ASSOCIATED WIND CONE LIGHTS OUT OF SERVICE. 06 DEC 21:35 2016 UNTIL 10 JAN 23:00 2017. CREATED: 06 DEC 21:37 2016

FDC 6/6964 ME21 SPECIAL CHEBEAGUE ISLAND, CHEBEAGUE ISLAND, ME. COPTER RNAV (GPS) 158 DEPARTURE (PILOT NAV), ORIG ... PROCEDURE NA. 13 NOV 14:46 2016 UNTIL 25 JUN 14:46 2017 ESTIMATED. CREATED: 13 NOV 14:46 2016

FDC 5/8097 ME21 SPECIAL CHEBEAGUE ISLAND, CHEBEAGUE ISLAND, ME. COPTER RNAV (GPS) 158 DEPARTURE (PILOT NAV), ORIG ... PROCEDURE NA. 25 NOV 17:53 2015 UNTIL 23 MAY 17:52 2016 ESTIMATED. CREATED: 25 NOV 17:53 2015

FDC 6/6892 ME77 SPECIAL CRANBERRY ISLES, CRANBERRY ISLES, ME. COPTER RNAV (GPS) 129 DEPARTURE (PILOT NAV), ORIG ... PROCEDURE NA. 12 NOV 23:15 2016 UNTIL 24 JUN 23:15 2017 ESTIMATED. CREATED: 12 NOV 23:15 2016

FDC 6/6890 ME77 SPECIAL CRANBERRY ISLES, CRANBERRY ISLES, ME. COPTER RNAV (GPS) 129 DEPARTURE (PILOT NAV), ORIG ... PROCEDURE NA. 12 NOV 23:03

2016 UNTIL 24 JUN 23:03 2017 ESTIMATED. CREATED: 12 NOV 23:03 2016

FDC 6/6960 ME98 SPECIAL LONG ISLAND, LONG ISLAND, ME. COPTER RNAV (GPS) 306, ORIG ... IFR DEPARTURE NA. 13 NOV 14:44 2016 UNTIL 25 JUN 14:44 2017 ESTIMATED. CREATED: 13 NOV 14:44 2016

FDC 6/0662 ME98 SPECIAL LONG ISLAND, LONG ISLAND, ME. COPTER RNAV (GPS)306, ORIG...IFR DEPARTURE NA. 14 OCT 18:00 2016 UNTIL 26 MAY 18:00 2017. CREATED: 14 OCT 17:52 2016

FDC 5/8159 ME98 SPECIAL LONG ISLAND, LONG ISLAND, ME. COPTER RNAV (GPS) 306, ORIG ... IFR DEPARTURE NA. 25 NOV 18:53 2015 UNTIL 23 MAY 18:52 2016 ESTIMATED. CREATED: 25 NOV 18:53 2015

FDC 6/1032 ME99 IAP PENETIC SCHOOL HELIPORT, SOUTHWEST HARBOR, ME. COPTER RNAV (GPS) 355, ORIG... PROCEDURE NA. 13 DEC 16:19 2016 UNTIL 25 JUL 16:19 2017 ESTIMATED. CREATED: 13 DEC 16:20 2016

KSCH M0174/16 NACT [FOR LC-130 OPERATIONS] MAXIMUM SAFE OPERATION WEIGHT FOR SKI OPERATIONS IS SET AT 130,000 POUNDS. 16 NOV 17:10 2016 UNTIL 01 FEB 23:59 2017. CREATED: 16 NOV 17:11 2016

KSCH M0191/16 NWSD [FOR LC-130 OPERATIONS ONLY] MAXIMUM SAFE OPERATING WEIGHT FOR SKI OPERATIONS IS SET AT 145,000 POUNDS. 30 NOV 17:20 2016 UNTIL 15 FEB 23:59 2017. CREATED: 30 NOV 17:23 2016

KSCH M0170/16 NWSD [FOR LC-130 OPERATIONS ONLY] PRESSURE ALTIMETER UPDATE (PAU) PROCEDURE IS NOT REQUIRED AT NWSD. 14 NOV 12:08 2016 UNTIL 10 FEB 23:59 2017. CREATED: 14 NOV 12:09 2016

KSCH M0173/16 NZFX RAMP 1 CLOSED. 15 NOV 13:20 2016 UNTIL 01 FEB 23:59 2017. CREATED: 15 NOV 13:22 2016

KSCH M0172/16 NZFX AERODROME CLOSED. 15 NOV 13:17 2016 UNTIL 01 FEB 23:59 2017. CREATED: 15 NOV 13:19 2016

KSCH M0151/16 NZFX MLS OPERATING BUT GROUND CHECKED ONLY, AWAITING FLIGHT CHECK. 27 OCT 21:04 2016 UNTIL 23 JAN 23:59 2017. CREATED: 27 OCT 21:05 2016

KSCH M0197/16 NZPG TACAN UNSERVICEABLE. 10 DEC 18:22 2016 UNTIL 15 FEB 23:59 2017. CREATED: 10 DEC 18:24 2016

KSCH M0196/16 NZPG RUNWAY 15/33 CLOSED. 10 DEC 06:01 2016 UNTIL 31 JAN 23:59 2017. CREATED: 10 DEC 06:04 2016

KSCH M0125/16 NZSP NZSP AERODROME OPERATIONAL. 12 OCT 21:57 2016 UNTIL 09 JAN 23:59 2017. CREATED: 12 OCT 21:58 2016

KSCH M0199/16 NZTB RUNWAY CLOSED. 11 DEC 20:44 2016 UNTIL 11 FEB 23:59 2017. CREATED: 11 DEC 20:45 2016

KSCH M0145/16 NZTB NDB INSTALLED OPERATIONAL. 27 OCT 20:26 2016 UNTIL 23 JAN 23:59 2017. CREATED: 27 OCT 20:27 2016

KSCH M0144/16 NZTB AERODROME INSTALLED OPERATIONAL. 27 OCT 20:24 2016 UNTIL 23 JAN 23:59 2017. CREATED: 27 OCT 20:25 2016

KSCH M0152/16 NZWD 2016-2017 USAP ARA APPROACH PROCEDURE BOOKLET, VERSION A VALID 01NOV2016 TO 30APR2017. 29 OCT 01:36 2016 UNTIL 24 JAN 23:59 2017. CREATED: 29 OCT 01:38 2016

KNSF V0669/16 OKAJ [DOD PROCEDURAL NOTAM] IFR TAKE-OFF MINIMUMS AND DEPARTURE PROCEDURES CHANGED; TAKE-OFF OBSTACLES 33L: BUILDING 1073 FT FROM DER 711 FT LEFT OF CENTERLINE, 36 FT AGL/446 FT MSL. 13 OCT 13:45 2016 UNTIL 16 JAN 23:59 2017. CREATED: 13 OCT 12:44 2016

KCNF M0128/16 ORAT OBSTACLE ERECTED UNMARKED EXCAVATION PITS LOCATED 115FT FROM RWY 12L CENTERLINE, APPX 2000FT FROM RWY 12L THRESHOLD. ONE PIT PRESENT EACH SIDE OF RWY. PITS ARE 4FT DEEP. 4FT TALL DIRT PILES ARE ADJACENT TO PITS. 09 DEC 14:42 2016 UNTIL 08 MAR 23:59 2017. CREATED: 09 DEC 14:41 2016

KCNF M0127/16 ORAT RWY 12L / 30R DRM PANELS DO NOT COINCIDE WITH USEABLE RWY LENGTHS. IGNORE THEM. 09 DEC 14:40 2016 UNTIL 08 MAR 23:59 2017. CREATED: 09 DEC 14:40 2016

KCNF M0120/16 ORAT UNMARKED DISPLACED THRESHOLD LOCATED 5613FT FROM RWY 30R APPROACH END. USABLE PORTION OF RWY 12L/30R IS 6115FT. REFER TO THEATER AIRFIELD CARD (TAC) FOR FURTHER DETAILS. 01 NOV 15:14 2016 UNTIL 01 JAN 23:59 2017. CREATED: 01 NOV 15:14 2016

KCNF M0118/16 ORAT OBSTACLE ERECTED 50FT TALL UNLIT TOWER LOCATED 470FT SOUTH OF RWY 30R CENTERLINE, APPX 700FT WEST OF TAXIWAY MIKE. 22 OCT 19:42 2016 UNTIL 19 JAN 23:59 2017. CREATED: 22 OCT 19:41 2016

KCNF X0087/16 ORAT AERODROME AIRCRAFT SHOULD EXPECT TO LAND RWY 12L WHEN WINDS ARE 5KTS OR LESS. 04 NOV 11:48 2016 UNTIL 04 JAN 23:59 2017. CREATED: 04 NOV 11:48 2016

KCNF X0086/16 ORAT UNLIT OBSTRUCTION THAT RAISES UP TO 80FT LOCATED 270FT SOUTH OF RWY30L CENTERLINE BETWEEN TWY NOVEMBER AND TWY

OSCAR. 22 OCT 19:49 2016 UNTIL 18 JAN 23:59 2017. CREATED: 22 OCT 19:49 2016

KCNF X0085/16 ORAT RUNWAY 12R/30L UNUSABLE FOR FIXED-WING AIRCRAFT. USABLE FOR ROTARY-WING AIRCRAFT ONLY. USABLE PORTION IS 3,477FT. ROTARY WING AIRCRAFT MUST LAND WITHIN MARKED HELICOPTER LANDING ZONE (HLZ), DAMAGED PAVEMENT PRESENTS HAZARDS OUTSIDE OF HLZ. REFER TO THEATER AIRFIELD CARD (TAC) FOR FURTHER DETAILS. 22 OCT 19:48 2016 UNTIL 18 JAN 23:59 2017. CREATED: 22 OCT 19:48 2016

KCNF X0084/16 ORAT AERODROME FIRE FIGHTING AND RESCUE CAPABILITIES ARE REDUCED FOR C-17 AIRCRAFT AND OPTIMAL FOR C-130 AIRCRAFT. CONTACT CRASH FIRE RESCUE AT DSN 302-572-5031 FOR FURTHER INFORMATION. 22 OCT 19:47 2016 UNTIL 18 JAN 23:59 2017. CREATED: 22 OCT 19:47 2016

KCNF X0083/16 ORAT AERODROME USE CAUTION: PAVEMENT CONDITIONS DETERIORATING ON RUNWAY 12R/30L AND TAXIWAY R. LARGE SPALLS AND BLOWUPS LOCATED THROUGHOUT RUNWAY 12R/30L AND TAXIWAY R. FOD ACROSS LANDING SURFACES CREATE HAZARDS FOR AIRCRAFT AND VEHICULAR TRAFFIC. 22 OCT 19:47 2016 UNTIL 18 JAN 23:59 2017. CREATED: 22 OCT 19:46 2016

KCNF X0082/16 ORAT AERODROME USE CAUTION: 7 FT TALL BARRIERS LOCATED ON TAXIWAY DELTA, BETWEEN TAXIWAY ROMEO AND RWY 30L. CLOSEST BARRIER IS 185 FT FROM RWY 30L. BARRIERS ARE MARKED WITH A RED OBSTRUCTION LIGHT. 22 OCT 19:45 2016 UNTIL 18 JAN 23:59 2017. CREATED: 22 OCT 19:45 2016

KCNF X0081/16 ORAT AERODROME USE CAUTION: VACANT BUILDINGS AND STRUCTURES 400FT FROM RWY CENTERLINE LOCATED IN THE INFELD BETWEEN RWY 12L/R. 22 OCT 19:43 2016 UNTIL 18 JAN 23:59 2017. CREATED: 22 OCT 19:43 2016

KCNF M0129/16 ORTI RUNWAY 34 CLOSED TO FIXED-WING TRAFFIC. R/W TRAFFIC MAKE APPROACHES ABEAM TAXIWAY BRAVO. RUNWAY 34 THRESHOLD DISPLACED 1000 FEET. MEN AND EQUIPMENT WORKING 24 HOURS DAILY ON FIRST 1000 FEET OF RUNWAY 34. 13 DEC 14:45 2016 UNTIL 13 FEB 23:59 2017. CREATED: 13 DEC 14:45 2016

KCNF M0126/16 ORTI MEN AND CONSTRUCTION EQUIPMENT WILL BE WORKING ON AND AROUND THE SOUTH 1000 OF THE RUNWAY (DISPLACED THRESHOLD) AND TAXIWAY A WITH VEHICLES AND EQUIPMENT UP TO 20 IN HEIGHT (LIGHT SETS/LIGHT CARTS AND EXCAVATORS). WORK WILL INCLUDE DEMO AND REPLACEMENT OF AIRFIELD PAVEMENT. HOURS OF OPERATION ARE NOW 24 HOURS. 30 NOV 13:18 2016 UNTIL 30 JAN 23:59 2017. CREATED: 30 NOV 13:18 2016

YUL 12/102 SK3 CSK3 AMEND PUB: AD PERMANENTLY CLSD

1612191435-PERM

ZNB 12/005 ZNB CZNB RCO 126.7, 364.2, 121.5 AND 243.0 AT DEWAR LAKES U/S

1612310050-1701032359EST

FDC 6/8860 CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART AKL3, PANEL E, EFFECTIVE 10 NOV 2016... REVISE ANCHORAGE ARTCC BOUNDARY FROM N62-00 AND W141-00 TO N60-20 AND W139-13 TO FOLLOW THE UNITED STATE/CANADA BOUNDARY. 08 DEC 13:47 2016 UNTIL PERM. CREATED: 08 DEC 13:48 2016

FDC 6/6429 CHART CORRECT U.S. GOVERNMENT VFR LOS ANGELES TERMINAL AREA CHART (TAC)/FLYWAY, 74TH EDITION, EFFECTIVE 08 DEC 2016... ON VAN NUYS (VNY) ILS CAUTION NOTE, LOCATED AT 34 21N, 118 36W, CHANGE ALTITUDE 4300 FT TO 3800 FT FOR THE LOS ANGELES TERMINAL AREA AND VFR FLYWAY PLANNING CHARTS. 05 DEC 19:53 2016 UNTIL PERM. CREATED: 05 DEC 19:53 2016

FDC 6/5780 CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-32, PANEL F, EFFECTIVE 05 JAN 2017... ON V14, BETWEEN VORTAC GEORGETOWN (GGT) AND VORTAC ALBANY (ALB) BEARING 284 SHOULD BE 102. 30 DEC 21:01 2016 UNTIL PERM. CREATED: 30 DEC 21:01 2016

FDC 6/5772 CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-32, PANEL F, EFFECTIVE 05 JAN 2017... ON V428 BETWEEN ITHACA VOR/DME (ITH) AND ELMIRA VOR/DME (ULM). CHANGE BEARING FROM 237 TO 236. 30 DEC 20:43 2016 UNTIL PERM. CREATED: 30 DEC 20:43 2016

FDC 6/5756 CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-32, PANEL G, EFFECTIVE 05 JAN 2017... ON V348 BETWEEN NDB MANIWAKI (YMW) AND NDB NORTH BAY (YYB) CHANGE BEARING FROM 108 TO 109. 30 DEC 20:14 2016 UNTIL PERM. CREATED: 30 DEC 20:15 2016

FDC 6/5735 CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-32, PANEL G, EFFECTIVE 05 JAN 2017... ON L32, V487 CHANGE BEARING BETWEEN NDB MANIWAKI (YMW) AND VOR/DME MONTREAL (YUL) FROM 309 TO 306. 30 DEC 19:55 2016 UNTIL PERM. CREATED: 30 DEC 19:56 2016

FDC 6/5726 CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-32, PANEL, EFFECTIVE 05 JAN 2017... ON V487, CHANGE BEARING BETWEEN NDB MANIWAKI (YMW) AND NDB VAL-D'OR (YVO) FROM 161 TO 162. 30 DEC 19:40 2016 UNTIL PERM. CREATED: 30 DEC 19:40 2016

FDC 6/5725 CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-32, PANEL G, EFFECTIVE 05 JAN 2017... ON B7 BETWEEN NDB MANIWAKI

(YMW) AND NDB ROUYN (YUY), CHANGE BEARING FROM 146 TO 149. 30 DEC 19:29 2016 UNTIL PERM. CREATED: 30 DEC 19:29 2016

FDC 6/5577 CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-32, PANEL G, EFFECTIVE 13 OCT 2016... FIX NAME FOYSU SPELLED INCORRECTLY, SHOULD BE FOSYU. 01 DEC 22:23 2016 UNTIL PERM. CREATED: 01 DEC 22:23 2016

FDC 6/5293 CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL I, J, EFFECTIVE 05 JAN 2017... RESTORE NORTON SOUND HIGH CONTROL. AREA BOUNDED BY A LINE BEGINNING AT LAT. 59 59 57N., LONG. 168 00 08W.; TO LAT. 62 35 00N., LONG. 175 00 00W.; TO LAT. 65 00 00N., LONG. 168 58 23W.; TO LAT. 68 00 00N., LONG. 168 58 23W.; TO A POINT 12 MILES OFFSHORE AT LAT. 68 00 00N.; THENCE BY A LINE 12 MILES FROM AND PARALLEL TO THE SHORELINE TO LAT. 56 42 59N., LONG. 160 00 00W.; TO LAT. 58 06 57N., LONG. 160 00 00W.; TO LAT. 57 45 57N., LONG. 161 46 08W.; TO THE POINT OF BEGINNING. 28 DEC 16:17 2016 UNTIL PERM. CREATED: 28 DEC 16:17 2016

FDC 6/5292 CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL J, K, EFFECTIVE 05 JAN 2017... RESTORE WOODY ISLAND HIGH CONTROL. AREA BOUNDED BY A LINE BEGINNING AT LAT. 53 30 00 N., LONG. 160 00 00 W.; TO LAT. 56 00 00 N., LONG. 153 00 00 W.; TO LAT. 56 45 42 N., LONG. 151 45 00 W.; TO LAT. 58 19 58 N., LONG. 148 55 07 W.; TO LAT. 59 08 34 N., LONG. 147 16 06 W.; THENCE CLOCKWISE VIA THE ARC OF A 149.5-MILE RADIUS CIRCLE CENTERED ON THE ANCHORAGE, AK, VOR/DME TO A POINT 12 MILES OFFSHORE; THENCE SOUTHWEST BY A LINE 12 MILES FROM AND PARALLEL TO THE SHORELINE TO A POINT 12 MILES OFFSHORE AT LONG. 160 00 00W.; TO THE POINT OF BEGINNING. 28 DEC 16:13 2016 UNTIL PERM. CREATED: 28 DEC 16:14 2016

FDC 6/5290 CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL K, EFFECTIVE 05 JAN 2017... RESTORE CONTROL 1487H BOUNDARY. THAT AIRSPACE BOUNDED BY A LINE BEGINNING AT LAT. 58 19'58"N, LONG. 148 55'07"W; TO LAT. 59 08'34"N, LONG. 147 16'06"W; THENCE COUNTERCLOCKWISE VIA THE ARC OF A 149.5-MILE RADIUS CENTERED ON THE ANCHORAGE VOR/DME TO THE INTERSECTION OF THE 149.5-MILE RADIUS ARC AND A POINT 12 MILES FROM AND PARALLEL TO THE U.S. COASTLINE; THENCE SOUTHEAST 12 MILES FROM AND PARALLEL TO THE U.S. COASTLINE TO A POINT 12 MILES OFFSHORE ON THE VANCOUVER FIR BOUNDARY; TO LAT. 54 14'00"N, LONG. 134 57'00"W; TO LAT. 54 00'00"N, LONG. 136 00'00"W; TO LAT. 52 43'00"N, LONG. 135 00'00"W; TO LAT. 56 45'42"N, LONG. 151 45'00"W; TO THE POINT OF BEGINNING. THE PORTION WITHIN CANADA IS EXCLUDED. 28 DEC 16:07 2016 UNTIL PERM. CREATED: 28 DEC 16:08 2016

FDC 6/5289 CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL G, H, I, J, EFFECTIVE 05 JAN 2017... RESTORE CONTROL 1234H BOUNDARY. THAT AIRSPACE BOUNDED BY A LINE BEGINNING AT LAT. 58

06'57"N, LONG. 160 00'00"W; SOUTH ALONG LONG. 160 00'00"W UNTIL IT INTERSECTS THE ANCHORAGE AIR ROUTE TRAFFIC CONTROL CENTER BOUNDARY; THENCE SOUTHWEST, NORTHWEST, NORTH, AND NORTHEAST ALONG THE ANCHORAGE AIR ROUTE TRAFFIC CONTROL CENTER BOUNDARY TO LAT. 62 35'00"N, LONG. 175 00'00"W; TO LAT. 59 59'57"N, LONG. 168 00'08"W; TO LAT. 57 45'57"N, LONG. 161 46'08"W; TO THE POINT OF BEGINNING. 28 DEC 16:03 2016 UNTIL PERM. CREATED: 28 DEC 16:04 2016

FDC 6/5288 CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH1, PANEL C, D, EFFECTIVE 05 JAN 2017... RESTORE CONTROL 1487H BOUNDARY. THAT AIRSPACE BOUNDED BY A LINE BEGINNING AT LAT. 58 19'58"N, LONG. 148 55'07"W; TO LAT. 59 08'34"N, LONG. 147 16'06"W; THENCE COUNTERCLOCKWISE VIA THE ARC OF A 149.5-MILE RADIUS CENTERED ON THE ANCHORAGE VOR/DME TO THE INTERSECTION OF THE 149.5-MILE RADIUS ARC AND A POINT 12 MILES FROM AND PARALLEL TO THE U.S. COASTLINE; THENCE SOUTHEAST 12 MILES FROM AND PARALLEL TO THE U.S. COASTLINE TO A POINT 12 MILES OFFSHORE ON THE VANCOUVER FIR BOUNDARY; TO LAT. 54 14'00"N, LONG. 134 57'00"W; TO LAT. 54 00'00"N, LONG. 136 00'00"W; TO LAT. 52 43'00"N, LONG. 135 00'00"W; TO LAT. 56 45'42"N, LONG. 151 45'00"W; TO THE POINT OF BEGINNING. THE PORTION WITHIN CANADA IS EXCLUDED. 28 DEC 15:54 2016 UNTIL PERM. CREATED: 28 DEC 15:55 2016

FDC 6/5287 CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART H-4, I, EFFECTIVE 05 JAN 2017... DELETE TEXT, CONTROL 1177H TO AND INCLUDING FL450, LOCATED NORTHWEST OF N32 DEGREES W118 DEGREES. 28 DEC 15:49 2016 UNTIL PERM. CREATED: 28 DEC 15:49 2016

FDC 6/5272 CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH1, PANEL E, EFFECTIVE 05 JAN 2017... AK H-1 AND SEATTLE INSET. THAT AIRSPACE EXTENDING FROM NEWPORT, OR, TO THE INT OF THE NEWPORT, OR, VORTAC 237 RADIAL AND THE EAST BOUNDARY OF THE OAKLAND OCEANIC CTA/FIR. 28 DEC 15:46 2016 UNTIL PERM. CREATED: 28 DEC 15:46 2016

FDC 6/5265 CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH1, PANEL D, E, EFFECTIVE 05 JAN 2017... RESTORE BOUNDARY FOR CONTROL 1418H ON AK H-1 (PANEL E) AND SEATTLE INSET (PANEL D). THAT AIRSPACE FROM HOQUIAM, WA, TO THE INT OF THE HOQUIAM, WA, VORTAC 232 RADIAL AND THE EAST BOUNDARY OF THE OAKLAND OCEANIC CTA/FIR. 28 DEC 15:42 2016 UNTIL PERM. CREATED: 28 DEC 15:42 2016

FDC 6/5263 CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH1, PANEL A, EFFECTIVE 05 JAN 2017... ADD NORTON SOUND HIGH CONTROL BOUNDARY. AREA BOUNDED BY A LINE BEGINNING AT LAT. 59 59 57N., LONG. 168 00 08W.; TO LAT. 62 35 00N., LONG. 175 00 00W.; TO LAT. 65 00 00N., LONG. 168 58 23W.; TO LAT. 68 00 00N., LONG. 168 58 23W.; TO A POINT 12 MILES OFFSHORE AT LAT. 68 00 00N.; THENCE BY A LINE 12 MILES FROM AND PARALLEL

TO THE SHORELINE TO LAT. 56 42 59N., LONG. 160 00 00W.; TO LAT. 58 06 57N., LONG. 160 00 00W.; TO LAT. 57 45 57N., LONG. 161 46 08W.; TO THE POINT OF BEGINNING. 28 DEC 15:31 2016 UNTIL PERM. CREATED: 28 DEC 15:31 2016

FDC 6/5262 CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH1, PANEL B, C, EFFECTIVE 05 JAN 2017... RESTORE WOODY ISLAND HIGH CONTROL BOUNDARY. AREA BOUNDED BY A LINE BEGINNING AT LAT. 53 30 00 N., LONG. 160 00 00 W.; TO LAT. 56 00 00 N., LONG. 153 00 00 W.; TO LAT. 56 42 N., LONG. 151 45 00 W.; TO LAT. 58 19 58 N., LONG. 148 55 07 W.; TO LAT. 59 08 34 N., LONG. 147 16 06 W.; THENCE CLOCKWISE VIA THE ARC OF A 149.5-MILE RADIUS CIRCLE CENTERED ON THE ANCHORAGE, AK, VOR/DME TO A POINT 12 MILES OFFSHORE; THENCE SOUTHWEST BY A LINE 12 MILES FROM AND PARALLEL TO THE SHORELINE TO A POINT 12 MILES OFFSHORE AT LONG. 160 00 00W.; TO THE POINT OF BEGINNING. 28 DEC 15:30 2016 UNTIL PERM. CREATED: 28 DEC 15:30 2016

FDC 6/5256 CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH1, PANEL A, EFFECTIVE 05 JAN 2017... RESTORE CONTROL 1485H AREA BOUNDARY. BOUNDED BY A LINE BEGINNING AT A POINT 12 MILES OFFSHORE AT LAT. 68[DEG]00'00" N.; TO LAT. 68[DEG]00'00" N., LONG. 168[DEG]58'23" W.; TO LAT. 72[DEG]00'00" N., LONG. 158[DEG]00'00" W.; TO LAT. 72[DEG]00'00" N., LONG. 144[DEG]00'11" W.; TO LAT. 75[DEG]00'00" N., LONG. 141[DEG]00'00" W.; TO A POINT 12 MILES OFFSHORE AT LONG. 141[DEG]00'00" W.; THENCE WESTWARD BY A LINE 12 MILES FROM AND PARALLEL TO THE SHORELINE TO THE POINT OF BEGINNING. 28 DEC 15:16 2016 UNTIL PERM. CREATED: 28 DEC 15:16 2016

FDC 6/5250 CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-21, A-B, EFFECTIVE 08 DEC 2016... AIRSPACE LINE INCORRECTLY SHOWN ON CHART. LINE BETWEEN APPROX. GPS 28 55 18 N, 093 05 56 W TO 27 24 49 N, 094 32 50 W IS PLOTTED IN ERROR AND SHOULD NOT BE ON CHART. 28 DEC 14:56 2016 UNTIL PERM. CREATED: 28 DEC 14:57 2016

FDC 6/5141 CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, F-K, EFFECTIVE 05 JAN 2017... OFFSHORE AIRSPACE CONTROL LINES MISSING: NORTON SOUND HIGH OFFSHORE AIRSPACE AREA DESCRIPTION: THAT AIRSPACE EXTENDING UPWARD FROM 18,000 FEET MSL UP TO, AND INCLUDING, FL 450 WITHIN AN AREA BOUNDED BY A LINE BEGINNING AT LAT. 59 59 57N., LONG. 168 00 08W.; TO LAT. 62 35 00N., LONG. 175 00 00W.; TO LAT. 65 00 00N., LONG. 168 58 23W.; TO LAT. 68 00 00N., LONG. 168 58 23W.; TO A POINT 12 MILES OFFSHORE AT LAT. 68 00 00N.; THENCE BY A LINE 12 MILES FROM AND PARALLEL TO THE SHORELINE TO LAT. 56 42 59N., LONG. 160 00 00W.; TO LAT. 58 06 57N., LONG. 160 00 00W.; TO LAT. 57 45 57N., LONG. 161 46 08W.; TO THE POINT OF BEGINNING. WOODY ISLAND HIGH OFFSHORE AIRSPACE AREA DESCRIPTION: EXCLUDED.. *** PART 2 MISSING *** CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE LONG. 160 00'00"W; SOUTH ALONG LONG. 160 00'00"W UNTIL IT INTERSECTS THE ANCHORAGE AIR ROUTE TRAFFIC CONTROL CENTER

BOUNDARY; THENCE SOUTHWEST, NORTHWEST, NORTH, AND NORTHEAST ALONG THE ANCHORAGE AIR ROUTE TRAFFIC CONTROL CENTER BOUNDARY TO LAT. 62 35'00"N, LONG. 175 00'00"W; TO LAT. 59 59'57"N, LONG. 168 00'08"W; TO LAT. 57 45'57"N, LONG. 161 46'08"W; TO THE POINT OF BEGINNING. C-1487H OFFSHORE AIRSPACE AREA DESCRIPTION: THAT AIRSPACE EXTENDING UPWARD FROM 18,000 FEET MSL TO AND INCLUDING FL 450 WITHIN THE AREA BOUNDED BY A LINE BEGINNING AT LAT. 58 19'58"N, LONG. 148 55'07"W; TO LAT. 59 08'34"N, LONG. 147 16'06"W; THENCE COUNTERCLOCKWISE VIA THE ARC OF A 149.5-MILE RADIUS CENTERED ON THE ANCHORAGE VOR/DME TO EXCLUDED.. CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE THE INTERSECTION OF THE 149.5-MILE RADIUS ARC AND A POINT 12 MILES FROM AND PARALLEL TO THE U.S. COASTLINE; THENCE SOUTHEAST 12 MILES FROM AND PARALLEL TO THE U.S. COASTLINE TO A POINT 12 MILES OFFSHORE ON THE VANCOUVER FIR BOUNDARY; TO LAT. 54 14'00"N, LONG. 134 57'00"W; TO LAT. 54 00'00"N, LONG. 136 00'00"W; TO LAT. 52 43'00"N, LONG. 135 00'00"W; TO LAT. 56 45'42"N, LONG. 151 45'00"W; TO THE POINT OF BEGINNING. THE PORTION WITHIN CANADA IS EXCLUDED.. 27 DEC 21:28 2016 UNTIL PERM. CREATED: 27 DEC 21:28 2016

FDC 6/5140 CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, F-K, EFFECTIVE 08 DEC 2016... OFFSHORE AIRSPACE CONTROL LINES MISSING: NORTON SOUND HIGH OFFSHORE AIRSPACE AREA DESCRIPTION: THAT AIRSPACE EXTENDING UPWARD FROM 18,000 FEET MSL UP TO, AND INCLUDING, FL 450 WITHIN AN AREA BOUNDED BY A LINE BEGINNING AT LAT. 59 59 57N., LONG. 168 00 08W.; TO LAT. 62 35 00N., LONG. 175 00 00W.; TO LAT. 65 00 00N., LONG. 168 58 23W.; TO LAT. 68 00 00N., LONG. 168 58 23W.; TO A POINT 12 MILES OFFSHORE AT LAT. 68 00 00N.; THENCE BY A LINE 12 MILES FROM AND PARALLEL TO THE SHORELINE TO LAT. 56 42 59N., LONG. 160 00 00W.; TO LAT. 58 06 57N., LONG. 160 00 00W.; TO LAT. 57 45 57N., LONG. 161 46 08W.; TO THE POINT OF BEGINNING. WOODY ISLAND HIGH OFFSHORE AIRSPACE AREA DESCRIPTION: EXCLUDED.. *** PART 2 MISSING *** CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE LONG. 160 00'00"W; SOUTH ALONG LONG. 160 00'00"W UNTIL IT INTERSECTS THE ANCHORAGE AIR ROUTE TRAFFIC CONTROL CENTER BOUNDARY; THENCE SOUTHWEST, NORTHWEST, NORTH, AND NORTHEAST ALONG THE ANCHORAGE AIR ROUTE TRAFFIC CONTROL CENTER BOUNDARY TO LAT. 62 35'00"N, LONG. 175 00'00"W; TO LAT. 59 59'57"N, LONG. 168 00'08"W; TO LAT. 57 45'57"N, LONG. 161 46'08"W; TO THE POINT OF BEGINNING. C-1487H OFFSHORE AIRSPACE AREA DESCRIPTION: THAT AIRSPACE EXTENDING UPWARD FROM 18,000 FEET MSL TO AND INCLUDING FL 450 WITHIN THE AREA BOUNDED BY A LINE BEGINNING AT LAT. 58 19'58"N, LONG. 148 55'07"W; TO LAT. 59 08'34"N, LONG. 147 16'06"W; THENCE COUNTERCLOCKWISE VIA THE ARC OF A 149.5-MILE RADIUS CENTERED ON THE ANCHORAGE VOR/DME TO EXCLUDED.. CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE THE INTERSECTION OF THE 149.5-MILE RADIUS ARC AND A POINT 12 MILES FROM AND PARALLEL TO THE U.S. COASTLINE; THENCE SOUTHEAST 12 MILES FROM AND PARALLEL TO THE U.S. COASTLINE TO A POINT 12 MILES OFFSHORE ON THE VANCOUVER FIR BOUNDARY; TO LAT. 54 14'00"N, LONG. 134 57'00"W; TO LAT. 54 00'00"N, LONG. 136

00'00"W; TO LAT. 52 43'00"N, LONG. 135 00'00"W; TO LAT. 56 45'42"N, LONG. 151 45'00"W; TO THE POINT OF BEGINNING. THE PORTION WITHIN CANADA IS EXCLUDED.. 27 DEC 21:27 2016 UNTIL PERM. CREATED: 27 DEC 21:27 2016

FDC 6/5139 CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, F-K, EFFECTIVE 08 DEC 2016... OFFSHORE AIRSPACE CONTROL LINES MISSING: NORTON SOUND HIGH OFFSHORE AIRSPACE AREA DESCRIPTION: THAT AIRSPACE EXTENDING UPWARD FROM 18,000 FEET MSL UP TO, AND INCLUDING, FL 450 WITHIN AN AREA BOUNDED BY A LINE BEGINNING AT LAT. 59 59'57"N., LONG. 168 00'08"W.; TO LAT. 62 35'00"N., LONG. 175 00'00"W.; TO LAT. 65 00'00"N., LONG. 168 58'23"W.; TO LAT. 68 00'00"N., LONG. 168 58'23"W.; TO A POINT 12 MILES OFFSHORE AT LAT. 68 00'00"N.; THENCE BY A LINE 12 MILES FROM AND PARALLEL TO THE SHORELINE TO LAT. 56 42'59"N., LONG. 160 00'00"W.; TO LAT. 58 06'57"N., LONG. 160 00'00"W.; TO LAT. 57 45'57"N., LONG. 161 46'08"W.; TO THE POINT OF BEGINNING. WOODY ISLAND HIGH OFFSHORE AIRSPACE AREA DESCRIPTION: EXCLUDED.. *** PART 2 MISSING *** CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE LONG. 160 00'00"W; SOUTH ALONG LONG. 160 00'00"W UNTIL IT INTERSECTS THE ANCHORAGE AIR ROUTE TRAFFIC CONTROL CENTER BOUNDARY; THENCE SOUTHWEST, NORTHWEST, NORTH, AND NORTHEAST ALONG THE ANCHORAGE AIR ROUTE TRAFFIC CONTROL CENTER BOUNDARY TO LAT. 62 35'00"N, LONG. 175 00'00"W; TO LAT. 59 59'57"N, LONG. 168 00'08"W; TO LAT. 57 45'57"N, LONG. 161 46'08"W; TO THE POINT OF BEGINNING. C-1487H OFFSHORE AIRSPACE AREA DESCRIPTION: THAT AIRSPACE EXTENDING UPWARD FROM 18,000 FEET MSL TO AND INCLUDING FL 450 WITHIN THE AREA BOUNDED BY A LINE BEGINNING AT LAT. 58 19'58"N, LONG. 148 55'07"W; TO LAT. 59 08'34"N, LONG. 147 16'06"W; THENCE COUNTERCLOCKWISE VIA THE ARC OF A 149.5-MILE RADIUS CENTERED ON THE ANCHORAGE VOR/DME TO EXCLUDED.. CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE THE INTERSECTION OF THE 149.5-MILE RADIUS ARC AND A POINT 12 MILES FROM AND PARALLEL TO THE U.S. COASTLINE; THENCE SOUTHEAST 12 MILES FROM AND PARALLEL TO THE U.S. COASTLINE TO A POINT 12 MILES OFFSHORE ON THE VANCOUVER FIR BOUNDARY; TO LAT. 54 14'00"N, LONG. 134 57'00"W; TO LAT. 54 00'00"N, LONG. 136 00'00"W; TO LAT. 52 43'00"N, LONG. 135 00'00"W; TO LAT. 56 45'42"N, LONG. 151 45'00"W; TO THE POINT OF BEGINNING. THE PORTION WITHIN CANADA IS EXCLUDED.. 27 DEC 21:26 2016 UNTIL PERM. CREATED: 27 DEC 21:27 2016

FDC 6/5124 CHART CORRECT U.S. GOVERNMENT CINCINNATI VFR SECTIONAL AERONAUTICAL CHART, 97TH EDITION, EFFECTIVE 08 DEC 2016... REVISE AIRPORT IDENTIFIER FROM 031 TO 03I AT CLARKS DREAM STRIP LOCATED AT 39 38 37N, 83 01 02W. 27 DEC 20:27 2016 UNTIL PERM. CREATED: 27 DEC 20:28 2016

FDC 6/5121 CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH1, A-E, EFFECTIVE 08 DEC 2016... OFFSHORE AIRSPACE CONTROL LINES MISSING: NORTON SOUND HIGH OFFSHORE AIRSPACE AREA DESCRIPTION: THAT AIRSPACE EXTENDING UPWARD FROM 18,000 FEET MSL UP TO, AND INCLUDING, FL 450 WITHIN AN AREA BOUNDED BY A LINE BEGINNING AT LAT. 59

59 57N., LONG. 168 00 08W.; TO LAT. 62 35 00N., LONG. 175 00 00W.; TO LAT. 65 00 00N., LONG. 168 58 23W.; TO LAT. 68 00 00N., LONG. 168 58 23W.; TO A POINT 12 MILES OFFSHORE AT LAT. 68 00 00N.; THENCE BY A LINE 12 MILES FROM AND PARALLEL TO THE SHORELINE TO LAT. 56 42 59N., LONG. 160 00 00W.; TO LAT. 58 06 57N., LONG. 160 00 00W.; TO LAT. 57 45 57N., LONG. 161 46 08W.; TO THE POINT OF BEGINNING. WOODY ISLAND HIGH OFFSHORE AIRSPACE AREA DESCRIPTION: EXCLUDED.. *** PART 2 MISSING *** CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE RADIAL AND THE EAST BOUNDARY OF THE OAKLAND OCEANIC CTA/FIR. C-1419H OFFSHORE AIRSPACE AREA DESCRIPTION: THAT AIRSPACE EXTENDING UPWARD FROM 18,000 FEET MSL TO AND INCLUDING FL 450 FROM NEWPORT, OR, TO THE INT OF THE NEWPORT, OR, VORTAC 237 RADIAL AND THE EAST BOUNDARY OF THE OAKLAND OCEANIC CTA/FIR. C-1485H OFFSHORE AIRSPACE AREA DESCRIPTION: THAT AIRSPACE EXTENDING UPWARD FROM 18,000 FEET TO FL600 WITHIN THE AREA BOUNDED BY A LINE BEGINNING AT A POINT 12 MILES OFFSHORE AT LAT. 68[DEG]00'00" N.; TO LAT. 68[DEG]00'00" N., LONG. 168[DEG]58'23" W.; TO LAT. 72[DEG]00'00" N., LONG. 158[DEG]00'00" W.; TO LAT. 72[DEG]00'00" N., LONG. 144[DEG]00'11" W.; TO LAT. 75[DEG]00'00" N., LONG. 141[DEG]00'00" W.; TO A POINT 12 MILES OFFSHORE AT LONG. 141[DEG]00'00" W.; THENCE WESTWARD BY A LINE 12 MILES FROM AND PARALLEL TO THE SHORELINE TO THE EXCLUDED.. CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE POINT OF BEGINNING. C-1487H OFFSHORE AIRSPACE AREA DESCRIPTION: THAT AIRSPACE EXTENDING UPWARD FROM 18,000 FEET MSL TO AND INCLUDING FL 450 WITHIN THE AREA BOUNDED BY A LINE BEGINNING AT LAT. 58 19'58"N, LONG. 148 55'07"W; TO LAT. 59 08'34"N, LONG. 147 16'06"W; THENCE COUNTERCLOCKWISE VIA THE ARC OF A 149.5-MILE RADIUS CENTERED ON THE ANCHORAGE VOR/DME TO THE INTERSECTION OF THE 149.5-MILE RADIUS ARC AND A POINT 12 MILES FROM AND PARALLEL TO THE U.S. COASTLINE; THENCE SOUTHEAST 12 MILES FROM AND PARALLEL TO THE U.S. COASTLINE TO A POINT 12 MILES OFFSHORE ON THE VANCOUVER FIR BOUNDARY; TO LAT. 54 14'00"N, LONG. 134 57'00"W; TO LAT. 54 00'00"N, LONG. 136 00'00"W; TO LAT. 52 43'00"N, LONG. 135 00'00"W; TO LAT. 56 EXCLUDED.. CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE 45'42"N, LONG. 151 45'00"W; TO THE POINT OF BEGINNING. THE PORTION WITHIN CANADA IS EXCLUDED.. 27 DEC 20:25 2016 UNTIL PERM. CREATED: 27 DEC 20:26 2016

FDC 6/5120 CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH1, ENTIRE CHART, EFFECTIVE 08 DEC 2016... OFFSHORE AIRSPACE CONTROL LINES MISSING: NORTON SOUND HIGH OFFSHORE AIRSPACE AREA DESCRIPTION: THAT AIRSPACE EXTENDING UPWARD FROM 18,000 FEET MSL UP TO, AND INCLUDING, FL 450 WITHIN AN AREA BOUNDED BY A LINE BEGINNING AT LAT. 59 59 57N., LONG. 168 00 08W.; TO LAT. 62 35 00N., LONG. 175 00 00W.; TO LAT. 65 00 00N., LONG. 168 58 23W.; TO LAT. 68 00 00N., LONG. 168 58 23W.; TO A POINT 12 MILES OFFSHORE AT LAT. 68 00 00N.; THENCE BY A LINE 12 MILES FROM AND PARALLEL TO THE SHORELINE TO LAT. 56 42 59N., LONG. 160 00 00W.; TO LAT. 58 06 57N., LONG. 160 00 00W.; TO LAT. 57 45 57N., LONG. 161 46 08W.; TO THE POINT OF BEGINNING. WOODY ISLAND HIGH OFFSHORE AIRSPACE AREA

DESCRIPTION: EXCLUDED.. *** PART 2 MISSING *** CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE RADIAL AND THE EAST BOUNDARY OF THE OAKLAND OCEANIC CTA/FIR. C-1419H OFFSHORE AIRSPACE AREA DESCRIPTION: THAT AIRSPACE EXTENDING UPWARD FROM 18,000 FEET MSL TO AND INCLUDING FL 450 FROM NEWPORT, OR, TO THE INT OF THE NEWPORT, OR, VORTAC 237 RADIAL AND THE EAST BOUNDARY OF THE OAKLAND OCEANIC CTA/FIR. C-1485H OFFSHORE AIRSPACE AREA DESCRIPTION: THAT AIRSPACE EXTENDING UPWARD FROM 18,000 FEET TO FL600 WITHIN THE AREA BOUNDED BY A LINE BEGINNING AT A POINT 12 MILES OFFSHORE AT LAT. 68[DEG]00'00" N.; TO LAT. 68[DEG]00'00" N., LONG. 168[DEG]58'23" W.; TO LAT. 72[DEG]00'00" N., LONG. 158[DEG]00'00" W.; TO LAT. 72[DEG]00'00" N., LONG. 144[DEG]00'11" W.; TO LAT. 75[DEG]00'00" N., LONG. 141[DEG]00'00" W.; TO A POINT 12 MILES OFFSHORE AT LONG. 141[DEG]00'00" W.; THENCE WESTWARD BY A LINE 12 MILES FROM AND PARALLEL TO THE SHORELINE TO THE EXCLUDED.. CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE POINT OF BEGINNING. C-1487H OFFSHORE AIRSPACE AREA DESCRIPTION: THAT AIRSPACE EXTENDING UPWARD FROM 18,000 FEET MSL TO AND INCLUDING FL 450 WITHIN THE AREA BOUNDED BY A LINE BEGINNING AT LAT. 58 19'58"N, LONG. 148 55'07"W; TO LAT. 59 08'34"N, LONG. 147 16'06"W; THENCE COUNTERCLOCKWISE VIA THE ARC OF A 149.5-MILE RADIUS CENTERED ON THE ANCHORAGE VOR/DME TO THE INTERSECTION OF THE 149.5-MILE RADIUS ARC AND A POINT 12 MILES FROM AND PARALLEL TO THE U.S. COASTLINE; THENCE SOUTHEAST 12 MILES FROM AND PARALLEL TO THE U.S. COASTLINE TO A POINT 12 MILES OFFSHORE ON THE VANCOUVER FIR BOUNDARY; TO LAT. 54 14'00"N, LONG. 134 57'00"W; TO LAT. 54 00'00"N, LONG. 136 00'00"W; TO LAT. 52 43'00"N, LONG. 135 00'00"W; TO LAT. 56 EXCLUDED.. CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE 45'42"N, LONG. 151 45'00"W; TO THE POINT OF BEGINNING. THE PORTION WITHIN CANADA IS EXCLUDED.. 27 DEC 20:24 2016 UNTIL PERM. CREATED: 27 DEC 20:24 2016

FDC 6/5119 CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH1, ENTIRE CHART, EFFECTIVE 08 DEC 2016... OFFSHORE AIRSPACE CONTROL LINES MISSING: NORTON SOUND HIGH OFFSHORE AIRSPACE AREA DESCRIPTION: THAT AIRSPACE EXTENDING UPWARD FROM 18,000 FEET MSL UP TO, AND INCLUDING, FL 450 WITHIN AN AREA BOUNDED BY A LINE BEGINNING AT LAT. 59 59 57N., LONG. 168 00 08W.; TO LAT. 62 35 00N., LONG. 175 00 00W.; TO LAT. 65 00 00N., LONG. 168 58 23W.; TO LAT. 68 00 00N., LONG. 168 58 23W.; TO A POINT 12 MILES OFFSHORE AT LAT. 68 00 00N.; THENCE BY A LINE 12 MILES FROM AND PARALLEL TO THE SHORELINE TO LAT. 56 42 59N., LONG. 160 00 00W.; TO LAT. 58 06 57N., LONG. 160 00 00W.; TO LAT. 57 45 57N., LONG. 161 46 08W.; TO THE POINT OF BEGINNING. WOODY ISLAND HIGH OFFSHORE AIRSPACE AREA DESCRIPTION: EXCLUDED.. *** PART 2 MISSING *** CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE RADIAL AND THE EAST BOUNDARY OF THE OAKLAND OCEANIC CTA/FIR. C-1419H OFFSHORE AIRSPACE AREA DESCRIPTION: THAT AIRSPACE EXTENDING UPWARD FROM 18,000 FEET MSL TO AND INCLUDING FL 450 FROM NEWPORT, OR, TO THE INT OF THE NEWPORT, OR, VORTAC 237 RADIAL AND THE EAST BOUNDARY OF THE OAKLAND OCEANIC

CTA/FIR. C-1485H OFFSHORE AIRSPACE AREA DESCRIPTION: THAT AIRSPACE EXTENDING UPWARD FROM 18,000 FEET TO FL600 WITHIN THE AREA BOUNDED BY A LINE BEGINNING AT A POINT 12 MILES OFFSHORE AT LAT. 68[DEG]00'00" N.; TO LAT. 68[DEG]00'00" N., LONG. 168[DEG]58'23" W.; TO LAT. 72[DEG]00'00" N., LONG. 158[DEG]00'00" W.; TO LAT. 72[DEG]00'00" N., LONG. 144[DEG]00'11" W.; TO LAT. 75[DEG]00'00" N., LONG. 141[DEG]00'00" W.; TO A POINT 12 MILES OFFSHORE AT LONG. 141[DEG]00'00" W.; THENCE WESTWARD BY A LINE 12 MILES FROM AND PARALLEL TO THE SHORELINE TO THE EXCLUDED.. CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE POINT OF BEGINNING. C-1487H OFFSHORE AIRSPACE AREA DESCRIPTION: THAT AIRSPACE EXTENDING UPWARD FROM 18,000 FEET MSL TO AND INCLUDING FL 450 WITHIN THE AREA BOUNDED BY A LINE BEGINNING AT LAT. 58 19'58"N, LONG. 148 55'07"W; TO LAT. 59 08'34"N, LONG. 147 16'06"W; THENCE COUNTERCLOCKWISE VIA THE ARC OF A 149.5-MILE RADIUS CENTERED ON THE ANCHORAGE VOR/DME TO THE INTERSECTION OF THE 149.5-MILE RADIUS ARC AND A POINT 12 MILES FROM AND PARALLEL TO THE U.S. COASTLINE; THENCE SOUTHEAST 12 MILES FROM AND PARALLEL TO THE U.S. COASTLINE TO A POINT 12 MILES OFFSHORE ON THE VANCOUVER FIR BOUNDARY; TO LAT. 54 14'00"N, LONG. 134 57'00"W; TO LAT. 54 00'00"N, LONG. 136 00'00"W; TO LAT. 52 43'00"N, LONG. 135 00'00"W; TO LAT. 56 EXCLUDED.. CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE 45'42"N, LONG. 151 45'00"W; TO THE POINT OF BEGINNING. THE PORTION WITHIN CANADA IS EXCLUDED.. 27 DEC 20:19 2016 UNTIL PERM. CREATED: 27 DEC 20:19 2016

FDC 6/5116 CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART H-4, H-I, EFFECTIVE 08 DEC 2016... OFFSHORE AIRSPACE CONTROL LINES MISSING: C-1156H OFFSHORE AIRSPACE AREA DESCRIPTION: THAT AIRSPACE EXTENDING UPWARD FROM 18,000 FEET MSL TO AND INCLUDING FL 450 WITHIN 4.3 MILES EACH SIDE OF THE MISSION BAY, CA, VORTAC 262 RADIAL, INCLUDING THE ADDITIONAL AIRSPACE WITHIN LINES DIVERGING AT ANGLES OF 5 DEGREES FROM THE CENTERLINE AT THE VORTAC, EXTENDING FROM THE VORTAC TO ITS INTERSECTION WITH CONTROL 1177H. C-1173H OFFSHORE AIRSPACE AREA DESCRIPTION: THAT AIRSPACE WEST OF SAN FRANCISCO, CA, EXTENDING UPWARD FROM 18,000 FEET MSL TO AND INCLUDING FL 450 BOUNDED BY A LINE EXTENDING FROM LAT. 37 29' 55"N, LONG. 126 20'01"W; TO LAT. 37 50'00"N, LONG. 124 24'34"W; TO LAT. CTA/FIR.. CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE 38 00'00"N, LONG. 123 23'04"W; TO LAT. 38 01'33"N, LONG. 123 17'59"W; BOUNDED ON THE EAST BY A LINE 12 MILES WEST OF AND PARALLEL TO THE SHORE- LINE; BOUNDED BY A LINE EXTENDING FROM LAT. 37 07'19"N, LONG. 122 38'13"W; TO LAT. 37 05'00"N, LONG. 122 43'04"W; TO LAT. 36 52'00"N, LONG. 123 10' 04"W; TO LAT. 36 20'00"N, LONG. 124 19'04"W; TO LAT. 35 35'26"N, LONG. 125 51'20"W; THENCE NORTH ALONG THE OAKLAND OCEANIC CTA/FIR BOUNDARY TO THE POINT OF BEGINNING. THE PORTION WITHIN W-513 IS EXCLUDED BETWEEN THE HOURS OF 0800 AND 2000 PST, MONDAY-FRIDAY. C-1176H OFFSHORE AIRSPACE AREA DESCRIPTION: THAT AIRSPACE EXTENDING UPWARD FROM 18,000 FT MSL TO AND INCLUDING FL 450 WITHIN LINES 5 MILES EACH SIDE OF THE SAN MARCUS, CA, VORTAC 247

CTA/FIR.. CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE RADIAL, INCLUDING THE ADDITIONAL AIRSPACE BETWEEN LINES BEGINNING ADJACENT TO THE VORTAC AND DIVERGING AT ANGLES OF 5 DEGREES FROM THE PARALLEL LINES, EXTENDING FROM THE VORTAC TO THE EAST BOUNDARY OF THE OAKLAND OCEANIC CTA/FIR BOUNDARY, EXCLUDING THE PORTION EAST OF LONG. 120 30'04"W. C-1177H OFFSHORE AIRSPACE AREA LOS ANGELES, CA DESCRIPTION: THAT AIRSPACE SOUTHWEST OF LOS ANGELES, CA, EXTENDING UPWARD FROM 18,000 FEET MSL TO AND INCLUDING, FL 450 BOUNDED BY A LINE BEGINNING AT LAT. 33 25'50"N, LONG. 118 28'53"W; TO LAT. 33 19'00"N, LONG. 118 21'48"W; TO LAT. 32 44'30"N, LONG. 119 07'03"W; TO LAT. 31 41'00"N, LONG. 120 15'03"W; TO LAT. 31 18'54"N, LONG. 121 10'59"W; TO LAT. 31 54'18"N, LONG. CTA/FIR.. CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE 121 33' 12"W; TO LAT. 32 10'45"N, LONG. 120 16'18"W; TO LAT. 32 52'15"N, LONG. 119 12'33"W; TO THE POINT OF BEGINNING. C-1316H OFFSHORE AIRSPACE AREA DESCRIPTION: THAT AIRSPACE EXTENDING UPWARD FROM 18,000 FEET MSL TO AND INCLUDING FL 450 WITHIN 4.3 MILES EACH SIDE OF THE LOS ANGELES, CA, VORTAC 264 RADIAL EXTENDING FROM THE VORTAC TO THE OAKLAND OCEANIC CTA/FIR BOUNDARY AND BETWEEN LINES DIVERGING AT AN ANGLE OF 5 DEGREES FROM THE 264 RADIAL EXTENDING FROM THE LOS ANGELES VORTAC TO THE OAKLAND OCEANIC CTA/FIR BOUNDARY. C-1318H OFFSHORE AIRSPACE AREA DESCRIPTION: THAT AIRSPACE EXTENDING UPWARD FROM 18,000 FEET MSL TO AND INCLUDING CTA/FIR.. CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE FL 450 WITHIN 4.3 MILES EACH SIDE OF THE LOS ANGELES, CA, VORTAC 249 RADIAL EXTENDING FROM THE VORTAC TO THE OAKLAND OCEANIC CTA/FIR AND BETWEEN LINES DIVERGING AT AN ANGLE OF 5 DEGREES FROM THE 249 RADIAL EXTENDING FROM THE LOS ANGELES VORTAC TO THE OAKLAND OCEANIC CTA/FIR.. 27 DEC 19:59 2016 UNTIL PERM. CREATED: 27 DEC 20:00 2016

FDC 6/5115 CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART H-3, H, EFFECTIVE 08 DEC 2016... OFFSHORE AIRSPACE CONTROL LINES MISSING: C-1154H OFFSHORE AIRSPACE AREA DESCRIPTION: THAT AIRSPACE EXTENDING UPWARD FROM 18,000 FEET MSL TO AND INCLUDING FL 450 BOUNDED ON THE SOUTH BY A LINE EXTENDING FROM LAT. 38 01'33"N, LONG. 123 17'59"W; TO LAT. 38 00'00"N, LONG. 123 23'04"W; TO LAT. 37 50'00"N, LONG. 124 24'34"W; TO LAT. 37 29'55"N, LONG. 126 20'01"W; ON THE WEST BY THE OAKLAND OCEANIC CTA/FIR BOUNDARY; ON THE NORTH BY A LINE EXTENDING FROM LAT. 38 46'46"N, LONG. 126 40'08"W; TO LAT. 38 52'00"N, LONG. 125 52'34"W; TO LAT. 38 59'48"N, LONG. 123 59'55"W; AND ON THE EAST BY A LINE 12 MILES WEST OF AND PARALLEL TO THE SHORELINE. C-1173H OFFSHORE AIRSPACE AREA BOUNDARY OF THE OAKLAND OCEANIC CTA/FIR BOUNDARY.. CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE DESCRIPTION: THAT AIRSPACE WEST OF SAN FRANCISCO, CA, EXTENDING UPWARD FROM 18,000 FEET MSL TO AND INCLUDING FL 450 BOUNDED BY A LINE EXTENDING FROM LAT. 37 29' 55"N, LONG. 126 20'01"W; TO LAT. 37 50'00"N, LONG. 124 24'34"W; TO LAT. 38 00'00"N, LONG. 123 23'04"W; TO LAT. 38 01'33"N, LONG. 123 17'59"W; BOUNDED ON THE EAST

BY A LINE 12 MILES WEST OF AND PARALLEL TO THE SHORE- LINE; BOUNDED BY A LINE EXTENDING FROM LAT. 37 07'19"N, LONG. 122 38'13"W; TO LAT. 37 05'00"N, LONG. 122 43'04"W; TO LAT. 36 52'00"N, LONG. 123 10' 04"W; TO LAT. 36 20'00"N, LONG. 124 19'04"W; TO LAT. 35 35'26"N, LONG. 125 51'20"W; THENCE NORTH ALONG THE OAKLAND OCEANIC CTA/FIR BOUNDARY TO THE POINT OF BEGINNING. THE PORTION WITHIN W-513 IS EXCLUDED BOUNDARY OF THE OAKLAND OCEANIC CTA/FIR BOUNDARY.. CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE BETWEEN THE HOURS OF 0800 AND 2000 PST, MONDAY-FRIDAY.

C-1415H OFFSHORE AIRSPACE AREA DESCRIPTION: THAT AIRSPACE EXTENDING UPWARD FROM 18,000 FEET MSL TO AND INCLUDING FL 450 WITHIN PARALLEL BOUNDARY LINES 4 MILES EACH SIDE OF THE FORTUNA, CA, VORTAC 270 RADIAL INCLUDING THE ADDITIONAL AIRSPACE WITHIN LINES DIVERGING AT ANGLES OF 4.5 DEGREES FROM THE CENTERLINE EXTENDING TO THE EAST BOUNDARY OF THE OAKLAND OCEANIC CTA/FIR BOUNDARY. C-1416H OFFSHORE AIRSPACE AREA DESCRIPTION: THAT AIRSPACE EXTENDING UPWARD FROM 18,000 FEET MSL TO AND INCLUDING FL 450 BOUNDED BY A LINE BEGINNING AT LAT. 43 46'54"N, LONG. 126 37'47"W; TO LAT. 41 23'23"N, LONG. 124 45'51"W; TO LAT. 40 42'42"N, LONG. 124 09' BOUNDARY OF THE OAKLAND OCEANIC CTA/FIR BOUNDARY.. CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE 20"W; TO LAT. 40 37'43"N, LONG. 124 18'41"W; TO LAT. 41 17'24"N, LONG. 124 57'01"W; TO LAT. 42 35'56"N, LONG. 126 45'03"W; TO THE POINT OF BEGINNING. C-1486H OFFSHORE AIRSPACE AREA DESCRIPTION: THAT AIRSPACE EXTENDING UPWARD FROM 18,000 FEET MSL TO AND INCLUDING FL 450 WITHIN 4.3 MILES EACH SIDE OF THE MENDOCINO, CA, VORTAC 300 RADIAL AND THE ADDITIONAL AREA BETWEEN LINES DIVERGING AT ANGLES OF 5 DEGREES EITHER SIDE OF THE 300 RADIAL EXTENDING FROM THE VORTAC TO THE EASTERN BOUNDARY OF THE OAKLAND OCEANIC CTA/FIR BOUNDARY.. 27 DEC 19:57 2016 UNTIL PERM. CREATED: 27 DEC 19:58 2016

FDC 6/5114 CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART H-1, A-B, EFFECTIVE 08 DEC 2016... OFFSHORE AIRSPACE CONTROL LINES MISSING: C-1416H OFFSHORE AIRSPACE AREA DESCRIPTION: THAT AIRSPACE EXTENDING UPWARD FROM 18,000 FEET MSL TO AND INCLUDING FL 450 BOUNDED BY A LINE BEGINNING AT LAT. 43 46'54"N, LONG. 126 37'47"W; TO LAT. 41 23'23"N, LONG. 124 45'51"W; TO LAT. 40 42'42"N, LONG. 124 09' 20"W; TO LAT. 40 37'43"N, LONG. 124 18'41"W; TO LAT. 41 17'24"N, LONG. 124 57'01"W; TO LAT. 42 35'56"N, LONG. 126 45'03"W; TO THE POINT OF BEGINNING. C-1418H OFFSHORE AIRSPACE AREA DESCRIPTION: THAT AIRSPACE EXTENDING UPWARD FROM 18,000 FEET MSL TO AND INCLUDING FL 450 FROM HOQUIAM, WA, TO THE INT OF THE HOQUIAM, WA, VORTAC 232 RADIAL AND THE EAST BOUNDARY OF THE OAKLAND OCEANIC CTA/FIR. CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE C-1419H OFFSHORE AIRSPACE AREA DESCRIPTION: THAT AIRSPACE EXTENDING UPWARD FROM 18,000 FEET MSL TO AND INCLUDING FL 450 FROM NEWPORT, OR, TO THE INT OF THE NEWPORT, OR, VORTAC 237 RADIAL AND THE EAST BOUNDARY OF THE OAKLAND OCEANIC CTA/FIR.. 27 DEC 19:51 2016 UNTIL PERM. CREATED: 27 DEC 19:51 2016

FDC 6/4727 CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-28, PANEL J, EFFECTIVE 08 DEC 2016... REMOVE DECOMMISSIONED NDB HOWELL (OZW) EFFECTIVE 23 DEC 2016. 23 DEC 19:16 2016 UNTIL PERM. CREATED: 23 DEC 19:16 2016

FDC 6/4693 CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-6, PANELS E-H., EFFECTIVE 08 DEC 2016... EFFECTIVE 23 DEC 2016 INCORRECT U.S. ADIZ BOUNDARY FROM N33 DEGREES, 22 MINUTES, W108 DEGREES, 05 MINUTES EXTENDING SOUTHEAST TO N31 DEGREES, 47 MINUTES, W102 DEGREES, 39 MINUTES. 23 DEC 15:34 2016 UNTIL PERM. CREATED: 23 DEC 15:34 2016

FDC 6/4484 CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-22, PANEL J, EFFECTIVE 10 NOV 2016... MOULTRIE (MGR) DME FREQUENCY MISSING. THE CORRECT FREQUENCY SHOULD BE 108.80. A CORRECTION WILL BE PUBLISHED EFFECTIVE 05 JANUARY 2017. 30 NOV 14:09 2016 UNTIL PERM. CREATED: 30 NOV 14:09 2016

FDC 6/3178 CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-10, PANEL H, EFFECTIVE 08 DEC 2016... UNNECESSARY CHANGE OVER POINT BETWEEN NORTH PLATTE (LBF) VORTAC AND GRAND ISLAND (GRI) VORTAC. 16 DEC 18:47 2016 UNTIL PERM. CREATED: 16 DEC 18:47 2016

FDC 6/0083 CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-6, PANEL F, EFFECTIVE 08 DEC 2016... AIRWAY V16 AND V222 BEARING FROM EL PASO (ELP) TO SALT FLAT (SFL) SHOULD BE 081 DEGREES NOT 082 DEGREES FOR THE CHART PUBLISHED EFFECTIVE 10 NOV 2016. 09 DEC 20:31 2016 UNTIL PERM. CREATED: 09 DEC 20:33 2016

FDC 4/4386 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

FDC 6/7969 PHZH HI..AIRSPACE HONOLULU, HAWAII..TEMPORARY FLIGHT

RESTRICTIONS. DECEMBER 16 , 2016-JANUARY 2 2017 LOCAL. PURSUANT TO 49 USC 40103(B), THE FEDERAL AVIATION ADMINISTRATION (FAA) CLASSIFIES THE AIRSPACE DEFINED IN THIS NOTAM AS 'NATIONAL DEFENSE AIRSPACE'. PILOTS WHO DO NOT ADHERE TO THE FOLLOWING PROCEDURES MAY BE INTERCEPTED, DETAINED AND INTERVIEWED BY LAW ENFORCEMENT/SECURITY PERSONNEL. ANY OF THE FOLLOWING ADDITIONAL ACTIONS MAY ALSO BE TAKEN AGAINST A PILOT WHO DOES NOT COMPLY WITH THE REQUIREMENTS OR ANY SPECIAL INSTRUCTIONS OR PROCEDURES ANNOUNCED IN THIS NOTAM: A) THE FAA MAY TAKE ADMINISTRATIVE ACTION, INCLUDING IMPOSING CIVIL PENALTIES AND THE SUSPENSION OR REVOCATION OF AIRMEN CERTIFICATES; OR B) THE UNITED STATES GOVERNMENT MAY PURSUE CRIMINAL CHARGES, INCLUDING CHARGES UNDER TITLE 49 OF THE UNITED STATES CODE, SECTION 46307; OR C) THE UNITED STATES GOVERNMENT MAY USE DEADLY FORCE AGAINST THE AIRBORNE AIRCRAFT, IF IT IS DETERMINED THAT THE AIRCRAFT POSES AN IMMINENT SECURITY THREAT. PURSUANT TO TITLE 14, SECTION 91.141 OF THE CODE OF FEDERAL REGULATIONS, AIRCRAFT FLIGHT OPERATIONS ARE PROHIBITED WITHIN AN AREA DEFINED AS 30NM RADIUS OF 212722N1574525W (CKH334011.8) SFC-17999FT MSL EFFECTIVE 1612170800 UTC (2200 LOCAL 12/16/16) UNTIL 1701030959 UTC (2359 LOCAL 01/02/17). WITHIN AN AREA DEFINED AS 211724N1574450W TO 212312N1575510W THEN CLOCKWISE ON A 10 NM ARC CENTERED ON 212722N1574525W TO THE POINT OF ORIGIN SFC-17999FT MSL EFFECTIVE 1612170945 UTC (2345 LOCAL 12/16/16) UNTIL 1701030959 UTC (2359 LOCAL 01/02/17). EXCEPT AS SPECIFIED BELOW AND/OR UNLESS AUTHORIZED BY ATC IN CONSULTATION WITH THE AIR TRAFFIC SECURITY COORDINATOR VIA THE DOMESTIC EVENTS NETWORK (DEN): A. THE INNER CORE DESCRIBED ABOVE IS ALSO DEFINED AS A 10 NM RADIAL OF 212722N/1574525W OR THE CKH334011 EXCLUDING THE AIRSPACE SOUTHWEST OF THE KOKO HEAD VORTAC (CKH) 290 DEGREE RADIAL. B. ALL AIRCRAFT OPERATIONS WITHIN THE 10 NMR AREA(S) LISTED ABOVE, KNOWN AS THE INNER CORE(S), ARE PROHIBITED EXCEPT FOR: APPROVED LAW ENFORCEMENT, MILITARY AIRCRAFT DIRECTLY SUPPORTING THE UNITED STATES SECRET SERVICE (USSS) AND THE OFFICE OF THE PRESIDENT OF THE UNITED STATES, APPROVED AIR AMBULANCE FLIGHTS, AND REGULARLY SCHEDULED COMMERCIAL PASSENGER AND ALL-CARGO CARRIERS OPERATING UNDER ONE OF THE FOLLOWING TSA-APPROVED STANDARD SECURITY PROGRAMS/PROCEDURES: AIRCRAFT OPERATOR STANDARD SECURITY PROGRAM (AOSSP), FULL ALL-CARGO AIRCRAFT OPERATOR STANDARD SECURITY PROGRAM (FACAOSSP), MODEL SECURITY PROGRAM (MSP), TWELVE FIVE STANDARD SECURITY PROGRAM (TFSSP) ALL CARGO, OR ALL-CARGO INTERNATIONAL SECURITY PROCEDURE (ACISP) AND ARE ARRIVING INTO AND/OR DEPARTING FROM 14 CFR PART 139 AIRPORTS. ALL EMERGENCY/LIFE SAVING FLIGHT (MEDICAL/LAW ENFORCEMENT/FIREFIGHTING) OPERATIONS MUST COORDINATE WITH ATC PRIOR TO THEIR DEPARTURE AT 808-840-6201 TO AVOID POTENTIAL DELAYS. C. FOR OPERATIONS WITHIN THE AIRSPACE BETWEEN THE 10 NMR AND 30 NMR AREA(S) LISTED ABOVE, KNOWN AS THE OUTER RING(S): ALL AIRCRAFT OPERATING WITHIN THE OUTER RING(S) LISTED ABOVE ARE LIMITED TO

AIRCRAFT ARRIVING OR DEPARTING LOCAL AIRFIELDS, AND WORKLOAD PERMITTING, ATC MAY AUTHORIZE TRANSIT OPERATIONS. AIRCRAFT MAY NOT LOITER. ALL AIRCRAFT MUST BE ON AN ACTIVE IFR OR VFR FLIGHT PLAN WITH A DISCRETE CODE ASSIGNED BY AN AIR TRAFFIC CONTROL (ATC) FACILITY. AIRCRAFT MUST BE SQUAWKING THE DISCRETE CODE PRIOR TO DEPARTURE AND AT ALL TIMES WHILE IN THE TFR AND MUST REMAIN IN TWO-WAY RADIO COMMUNICATIONS WITH ATC. D. THE FOLLOWING OPERATIONS ARE NOT AUTHORIZED WITHIN THIS TFR: FLIGHT TRAINING, PRACTICE INSTRUMENT APPROACHES, AEROBATIC FLIGHT, GLIDER OPERATIONS, SEAPLANE OPERATIONS, PARACHUTE OPERATIONS, ULTRALIGHT, HANG GLIDING, BALLOON OPERATIONS, AGRICULTURE/CROP DUSTING, ANIMAL POPULATION CONTROL FLIGHT OPERATIONS, BANNER TOWING OPERATIONS, SIGHTSEEING OPERATIONS, MAINTENANCE TEST FLIGHTS, MODEL AIRCRAFT OPERATIONS, MODEL ROCKETRY, UNMANNED AIRCRAFT SYSTEMS (UAS), AND UTILITY AND PIPELINE SURVEY OPERATIONS. E. THE FOLLOWING OPERATIONS ARE PERMITTED ONLY WITH FAA/TSA/USSS PRE-APPROVAL BETWEEN 1900-0300 UTC (0900-1700 LOCAL) DAILY FROM THE FOLLOWING LOCATIONS: 1. FLIGHT TRAINING AT KALAELOA (PHJR) AND DILLINGHAM (PHDH) AIRPORTS. 2. PRACTICE APPROACHES AT KALAELOA AIRPORT (PHJR). 3. SIGHTSEEING OPERATIONS VIA PRE-APPROVED ROUTES FROM HONOLULU (PHNL) AND TURTLE BAY RESORT HELIPORT (HI58). SEAPLANE OPERATIONS LANDING AND DEPARTING AT HONOLULU (PHNL). OPERATORS NEED TO BE AWARE THAT ANY AND/OR ALL OPERATIONS MAY BE CANCELED WITH LITTLE OR NO ADVANCED NOTICE. F. WITHIN A 5NMR, UP TO BUT NOT INCLUDING 14,500 FT MSL OF DILLINGHAM AIRPORT (PHDH), EXCLUDING SPECIAL USE AREAS. FLIGHT TRAINING, PARACHUTE JUMPING AND GLIDER OPERATIONS WILL BE AUTHORIZED FROM 1900 TO 0300 UTC (0900 TO 1700 LOCAL) DAILY. OPERATORS MUST COORDINATE WITH ATC PRIOR TO DEPARTURE AT 808-840-6201. AUTHORIZATION TO OPERATE WITHIN THIS AREA MAY BE CANCELED WITH LITTLE OR NO NOTICE. G. FAA RECOMMENDS THAT ALL AIRCRAFT OPERATORS CHECK NOTAMS FREQUENTLY FOR POSSIBLE CHANGES TO THIS TFR PRIOR TO OPERATIONS WITHIN THIS REGION. 17 DEC 08:00 2016 UNTIL 03 JAN 09:59 2017. CREATED: 07 DEC 14:50 2016

FDC 6/5785 PHZH HI..AIRSPACE HONOLULU, HAWAII..TEMPORARY FLIGHT RESTRICTIONS. JANUARY 1, 2017 LOCAL. PURSUANT TO 49 USC 40103(B), THE FEDERAL AVIATION ADMINISTRATION (FAA) CLASSIFIES THE AIRSPACE DEFINED IN THIS NOTAM AS 'NATIONAL DEFENSE AIRSPACE'. PILOTS WHO DO NOT ADHERE TO THE FOLLOWING PROCEDURES MAY BE INTERCEPTED, DETAINED AND INTERVIEWED BY LAW ENFORCEMENT/SECURITY PERSONNEL. ANY OF THE FOLLOWING ADDITIONAL ACTIONS MAY ALSO BE TAKEN AGAINST A PILOT WHO DOES NOT COMPLY WITH THE REQUIREMENTS OR ANY SPECIAL INSTRUCTIONS OR PROCEDURES ANNOUNCED IN THIS NOTAM: A) THE FAA MAY TAKE ADMINISTRATIVE ACTION, INCLUDING IMPOSING CIVIL PENALTIES AND THE SUSPENSION OR REVOCATION OF AIRMEN CERTIFICATES; OR B) THE UNITED STATES GOVERNMENT MAY PURSUE CRIMINAL CHARGES, INCLUDING CHARGES

UNDER TITLE 49 OF THE UNITED STATES CODE, SECTION 46307; OR C) THE UNITED STATES GOVERNMENT MAY USE DEADLY FORCE AGAINST THE AIRBORNE AIRCRAFT, IF IT IS DETERMINED THAT THE AIRCRAFT POSES AN IMMINENT SECURITY THREAT. PURSUANT TO TITLE 14, SECTION 91.141 OF THE CODE OF FEDERAL REGULATIONS, AIRCRAFT FLIGHT OPERATIONS ARE PROHIBITED WITHIN AN AREA DEFINED AS 10NM RADIUS OF 211900N1575550W (HNL348000.5) SFC-17999FT MSL EFFECTIVE 1701020715 UTC (2115 LOCAL 01/01/17) UNTIL 1701020830 UTC (2230 LOCAL 01/01/17). EXCEPT AS SPECIFIED BELOW AND/OR UNLESS AUTHORIZED BY ATC IN CONSULTATION WITH THE AIR TRAFFIC SECURITY COORDINATOR VIA THE DOMESTIC EVENTS NETWORK (DEN):

A. ALL AIRCRAFT OPERATIONS WITHIN THE 10 NMR AREA(S) LISTED ABOVE, KNOWN AS THE INNER CORE(S), ARE PROHIBITED EXCEPT FOR: APPROVED LAW ENFORCEMENT, MILITARY AIRCRAFT DIRECTLY SUPPORTING THE UNITED STATES SECRET SERVICE (USSS) AND THE OFFICE OF THE PRESIDENT OF THE UNITED STATES, APPROVED AIR AMBULANCE FLIGHTS, AND REGULARLY SCHEDULED COMMERCIAL PASSENGER AND ALL-CARGO CARRIERS OPERATING UNDER ONE OF THE FOLLOWING TSA-APPROVED STANDARD SECURITY PROGRAMS/PROCEDURES: AIRCRAFT OPERATOR STANDARD SECURITY PROGRAM (AOSSP), FULL ALL-CARGO AIRCRAFT OPERATOR STANDARD SECURITY PROGRAM (FACAOSSP), MODEL SECURITY PROGRAM (MSP), TWELVE FIVE STANDARD SECURITY PROGRAM (TFSSP) ALL CARGO, OR ALL-CARGO INTERNATIONAL SECURITY PROCEDURE (ACISP) AND ARE ARRIVING INTO AND/OR DEPARTING FROM 14 CFR PART 139 AIRPORTS. ALL EMERGENCY/LIFE SAVING FLIGHT (MEDICAL/LAW ENFORCEMENT/FIREFIGHTING) OPERATIONS MUST COORDINATE WITH ATC PRIOR TO THEIR DEPARTURE AT 808-840-6201 TO AVOID POTENTIAL DELAYS. 02 JAN 07:15 2017 UNTIL 02 JAN 08:30 2017. CREATED: 30 DEC 21:26 2016

FDC 6/5409 PHZH HI..AIRSPACE KAENA POINT - OAHU, HAWAII..TEMPORARY FLIGHT RESTRICTIONS. DECEMBER 30, 2016 LOCAL. PURSUANT TO 49 USC 40103(B), THE FEDERAL AVIATION ADMINISTRATION (FAA) CLASSIFIES THE AIRSPACE DEFINED IN THIS NOTAM AS 'NATIONAL DEFENSE AIRSPACE'. PILOTS WHO DO NOT ADHERE TO THE FOLLOWING PROCEDURES MAY BE INTERCEPTED, DETAINED AND INTERVIEWED BY LAW ENFORCEMENT/SECURITY PERSONNEL. ANY OF THE FOLLOWING ADDITIONAL ACTIONS MAY ALSO BE TAKEN AGAINST A PILOT WHO DOES NOT COMPLY WITH THE REQUIREMENTS OR ANY SPECIAL INSTRUCTIONS OR PROCEDURES ANNOUNCED IN THIS NOTAM: A) THE FAA MAY TAKE ADMINISTRATIVE ACTION, INCLUDING IMPOSING CIVIL PENALTIES AND THE SUSPENSION OR REVOCATION OF AIRMEN CERTIFICATES; OR B) THE UNITED STATES GOVERNMENT MAY PURSUE CRIMINAL CHARGES, INCLUDING CHARGES UNDER TITLE 49 OF THE UNITED STATES CODE, SECTION 46307; OR C) THE UNITED STATES GOVERNMENT MAY USE DEADLY FORCE AGAINST THE AIRBORNE AIRCRAFT, IF IT IS DETERMINED THAT THE AIRCRAFT POSES AN IMMINENT SECURITY THREAT. PURSUANT TO TITLE 14, SECTION 91.141 OF THE CODE OF FEDERAL REGULATIONS, AIRCRAFT FLIGHT OPERATIONS ARE PROHIBITED WITHIN AN AREA DEFINED AS 10NM RADIUS OF 213423N1581653W

(HNL298025.2) SFC-17999FT MSL EFFECTIVE 1612302130 UTC (1130 LOCAL 12/30/16) UNTIL 1612310730 UTC (2130 LOCAL 12/30/16). EXCEPT AS SPECIFIED BELOW AND/OR UNLESS AUTHORIZED BY ATC IN CONSULTATION WITH THE AIR TRAFFIC SECURITY COORDINATOR VIA THE DOMESTIC EVENTS NETWORK (DEN):
A. ALL AIRCRAFT OPERATIONS WITHIN THE 10 NMR AREA(S) LISTED ABOVE, KNOWN AS THE INNER CORE(S), ARE PROHIBITED EXCEPT FOR: APPROVED LAW ENFORCEMENT, MILITARY AIRCRAFT DIRECTLY SUPPORTING THE UNITED STATES SECRET SERVICE (USSS) AND THE OFFICE OF THE PRESIDENT OF THE UNITED STATES, APPROVED AIR AMBULANCE FLIGHTS, AND REGULARLY SCHEDULED COMMERCIAL PASSENGER AND ALL-CARGO CARRIERS OPERATING UNDER ONE OF THE FOLLOWING TSA-APPROVED STANDARD SECURITY PROGRAMS/PROCEDURES: AIRCRAFT OPERATOR STANDARD SECURITY PROGRAM (AOSSP), FULL ALL-CARGO AIRCRAFT OPERATOR STANDARD SECURITY PROGRAM (FACAOSSP), MODEL SECURITY PROGRAM (MSP), TWELVE FIVE STANDARD SECURITY PROGRAM (TFSSP) ALL CARGO, OR ALL-CARGO INTERNATIONAL SECURITY PROCEDURE (ACISP) AND ARE ARRIVING INTO AND/OR DEPARTING FROM 14 CFR PART 139 AIRPORTS. ALL EMERGENCY/LIFE SAVING FLIGHT (MEDICAL/LAW ENFORCEMENT/FIREFIGHTING) OPERATIONS MUST COORDINATE WITH ATC PRIOR TO THEIR DEPARTURE AT 808-840-6201 TO AVOID POTENTIAL DELAYS. 30 DEC 21:30 2016 UNTIL 31 DEC 07:30 2016. CREATED: 29 DEC 14:28 2016

ATCSCC Advisory List:

ATCSCC ADVZY 080 DCC 12/18/2016 VOLCANIC ACTIVITY BULLETIN -
TURRIALBA 345070
FVXX22 KNES 181759 WSI UKS:181805
VA ADVISORY
DTG: 20161218/1759Z

VAAC: WASHINGTON

VOLCANO: TURRIALBA 345070
PSN: N1001 W08346

AREA: COSTA.RICA

SUMMIT ELEV: 10958 FT (3340 M)

ADVISORY NR: 2016/475

INFO SOURCE: GOES-EAST. GFS WINDS. VOLCANO WEB
CAMERA.

ERUPTION DETAILS: CONTINUOUS EMS OF GASES AND

PSBL LIGHT VA

OBS VA DTG: 18/1745Z

OBS VA CLD: VA NOT IDENTIFIABLE FROM SATELLITE
DATA WINDS SFC/FL130 090/25-30KT

FCST VA CLD +6HR: 19/0000Z

FCST VA CLD +12HR: 19/0600Z

FCST VA CLD +18HR: 19/1200Z

RMK: T+0 CONFIDENCE IS LOW. NO VA IS OBSERVED IN
IMAGERY ALTHOUGH THERE ARE WX CLOUDS PRESENT.
WEBCAMERA SHOWS CONTINUOUS EMS OF GASES AND PSBL
LIGHT VA. ...SCHWARTZ
EFFECTIVE TIME:181800-1612182359
NXT ADVISORY: WILL BE ISSUED BY 20161219/0000Z

ATCSCC ADVZY 011 DCC 12/21/2016 VOLCANIC ACTIVITY BULLETIN - BOGOSLOF
311300
FVXX21 KNES 210244 WSI DDS:210250
VA ADVISORY
DTG: 20161221/0244Z

VAAC: WASHINGTON

VOLCANO: BOGOSLOF 311300
PSN: N5355 W16801

AREA: ALEUTIANS

SUMMIT ELEV: 492 FT (150 M)

ADVISORY NR: 2016/001

RMK: PLEASE SEE FVAK22 PAWU 210224 ISSUED BY THE
ANCHORAGE VAAC THAT DESCRIBES CONDITIONS NEAR THE
WASHINGTON VAAC AREA OF RESPONSIBILITY.
...SZATANEK
210245-201030

ATCSCC ADVZY 104 DCC 12/26/2016 VOLCANIC ACTIVITY BULLETIN - COLIMA
341040
FVXX20 KNES 261942 WSI UKS:261946

VA ADVISORY
DTG: 20161226/1942Z

VAAC: WASHINGTON

VOLCANO: COLIMA 341040
PSN: N1930 W10337

AREA: MEXICO

SUMMIT ELEV: 12631 FT (3850 M)

ADVISORY NR: 2016/523

INFO SOURCE: GOES-EAST. GFS WINDS. ECMWF WINDS.
VOLCANO WEB CAMERA.

ERUPTION DETAILS: VA EMS SEEN APRX 26/1900Z

OBS VA DTG: 26/1915Z

OBS VA CLD: SFC/FL180 N2000 W10332 - N1943 W10331
- N1940 W10343 - N1952 W10353 - N2000 W10332 MOV
N 10KT

FCST VA CLD +6HR: 27/0130Z SFC/FL180 NO ASH EXP

FCST VA CLD +12HR: 27/0730Z NO ASH EXP

FCST VA CLD +18HR: 27/1330Z NO ASH EXP

RMK: T+0 CONFIDENCE HIGH. VA EMS SEEN IN VIS AND
SW/IR STLT IMAGERY COINCIDES WITH EARLIER SMALL
PUFF SEEN IN WEB CAM. ASH MOV N. ...LEE

EFF 1612261915-1612270145

NXT ADVISORY: WILL BE ISSUED BY 20161227/0145Z

ATCSCC ADVZY 102 DCC 12/27/2016 VOLCANIC ACTIVITY BULLETIN - COLIMA
341040

FVXX20 KNES 271753 WSI UKS:271759

VA ADVISORY
DTG: 20161227/1753Z

VAAC: WASHINGTON

VOLCANO: COLIMA 341040
PSN: N1930 W10337

AREA: MEXICO

SUMMIT ELEV: 12631 FT (3850 M)

ADVISORY NR: 2016/529

INFO SOURCE: GOES-EAST. MEXICO CITY MWO. GFS
WINDS. NAM WINDS. VOLCANO WEB CAMERA.

ERUPTION DETAILS: DISCRETE VA EM CONT

OBS VA DTG: 27/1730Z

OBS VA CLD: SFC/FL180 N2017 W10407 - N2011 W10401
- N2001 W10412 - N2006 W10418 - N2017 W10407 MOV
NW 10-15KT SFC/FL200 N1941 W10341 - N1934 W10337
- N1929 W10342 - N1933 W10349 - N1941 W10341 MOV
NW 5-10KT

FCST VA CLD +6HR: 27/2330Z SFC/FL180 NO ASH
EXP SFC/FL200 NO ASH EXP

FCST VA CLD +12HR: 28/0530Z NO ASH EXP NO ASH EXP

FCST VA CLD +18HR: 28/1130Z NO ASH EXP NO ASH EXP

RMK: T+0 CONFIDENCE HIGH. REMNANT VA FROM PREVIOUS
EM DIFFUSE AND LOCATED APRX 48NM NW OF SUMMIT. NEW
VA EM AT 27/1711Z ALSO MOV NNW. BOTH VA EM EXPECTED TO
DISP WI 6HRS ...VELASCO

EFF 1612271730-1612280001

NXT ADVISORY: WILL BE ISSUED BY 20161228/0000Z

ATCSCC ADVZY 057 DCC 12/28/2016 VOLCANIC ACTIVITY BULLETIN - COLIMA
341040

FVXX20 KNES 281815 WSI DDS:281817

VA ADVISORY

DTG: 20161228/1815Z

VAAC: WASHINGTON

VOLCANO: COLIMA 341040
PSN: N1930 W10337

AREA: MEXICO

SUMMIT ELEV: 12631 FT (3850 M)

ADVISORY NR: 2016/534

INFO SOURCE: GOES-EAST. GFS WINDS. VOLCANO WEB
CAMERA.

ERUPTION DETAILS: DISCRETE VA EM CONTINUE

OBS VA DTG: 28/1745Z

OBS VA CLD: SFC/FL180 N2050 W10345 - N1934 W10336
- N1929 W10341 - N2006 W10420 - N2038 W10422 -
N2050 W10345 MOV N 15-20KT

FCST VA CLD +6HR: 29/0000Z SFC/FL180 N2132 W10358
- N1932 W10337 - N1929 W10340 - N1958 W10415 -
N2123 W10444 - N2132 W10358

FCST VA CLD +12HR: 29/0600Z SFC/FL180 N2132
W10401 - N1932 W10337 - N1929 W10341 - N2124
W10448 - N2132 W10401

FCST VA CLD +18HR: 29/1200Z SFC/FL180 N2130
W10412 - N1933 W10337 - N1929 W10341 - N2123
W10452 - N2130 W10412

RMK: T+0 CONFIDENCE HIGH. VA PUFFS CONT TO BE
SEEN MOV NNW. FURTHEST ASH EM IS
LOCATED APRX 72 NM FROM SUMMIT. DISCRETE VA EM
LIKELY TO CONT BEING RELEASED BASED ON RECENT
ACT. ...VELASCO
EFF: 1612281745-1612290015

NXT ADVISORY: WILL BE ISSUED BY 20161229/0015Z

ATCSCC ADVZY 036 DCC 12/29/2016 VOLCANIC ACTIVITY BULLETIN - BULUSAN
273010

FVFE01 RJTD 291200 WSI UKS:291202
VA ADVISORY

DTG: 20161229/1200Z
 VAAC: TOKYO
 VOLCANO: BULUSAN 273010
 PSN: N1246 E12403
 AREA: PHILIPPINES
 SUMMIT ELEV: 1565M
 ADVISORY NR: 2016/19
 INFO SOURCE: HIMAWARI-8 RPHI
 AVIATION COLOUR CODE: NIL
 ERUPTION DETAILS: VA CONTINUOUSLY OBS ON SATELLITE IMAGERY
 OBS VA DTG: 29/1120Z
 OBS VA CLD: SFC/FL120 N1256 E12235 - N1254 E12247 - N1231 E12256 -
 N1230 E12252 MOV W 20KT
 FCST VA CLD +6 HR: 29/1720Z SFC/FL130 N1304 E12044 - N1151 E12114 -
 N1152 E12101 - N1222 E12040 - N1306 E12034
 FCST VA CLD +12 HR: NO VA EXP
 FCST VA CLD +18 HR: NO VA EXP
 RMK: NIL
 EFF: 1612291200-1612291800
 NXT ADVISORY: 20161229/1800Z=

ATCSCC ADVZY 043 DCC 12/30/16 FCA RQD
 NAME: FCAEWR:WIND_ROUTE_EWR
 CONSTRAINED AREA: ZNY
 REASON: VOLUME
 INCLUDE TRAFFIC: MSP/ZAB/ZDV/ZFW/ZHU/ZKC/ZLA/ZLC/ZME/ZMP/ZOA/ZSE
 DEPARTURES TO EWR
 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 301700 TO 310430
 PROBABILITY OF EXTENSION: NONE
 REMARKS: SEE DYNAMIC LIST FCAEWR FOR UPDATES.
 ASSOCIATED RESTRICTIONS:
 MODIFICATIONS: KEEHO J584 NOW KEEHO DORET J584 DUE NOTAMED OUTAGE
 ROUTES:

ORIG	DEST	ROUTE
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MSP	EWR	>ODI KG78K KG72M EVOTE NELLS KEEHO DORET J584 SLT< FQM3
ZAB ZDV ZKC ZLA ZLC ZMP ZOA ZSE	EWR	>SPI VHP ROD DORET J584 SLT< FQM3
ZAB ZDV ZKC ZLA ZLC ZMP ZOA ZSE	EWR	>KK45G KI51M ROD DORET J584 SLT< FQM3

ZAB ZDV ZKC ZLA	EWR	>BUM VHP ROD DORET J584
ZLC ZMP ZOA ZSE		SLT< FQM3
ZAB ZDV ZKC ZLA	EWR	>DSM EVOTE NELLs KEEHO
ZLC ZMP ZOA ZSE		DORET J584 SLT< FQM3
ZAB ZDV ZKC ZLA	EWR	>PXV ROD DORET J584 SLT<
ZLC ZOA ZSE		FQM3
ZAB ZDV ZLA ZLC	EWR	>GEP ODI KG78K KG72M EVOTE
ZOA ZSE		NELLs KEEHO DORET J584 SLT<
		FQM3
ZFW ZHU ZME	EWR	>MEM Q29 DORET J584 SLT<
		FQM3

TMI ID: RRDCC043
301220-310430
16/12/30 12:20 DCCOPS.lxstn21

ATCSCC ADVZY 047 DCC 12/30/2016 CARIBBEAN OUTLOOK_FYI
EVENT TIME: 30/1315 - 31/1314
TERMINAL CONSTRAINTS:
TNCM - CLOSED FOR GENERAL AVIATION TRAFFIC FROM 1700Z-2100Z, SEE
NOTAM FOR MORE INFORMATION
MDPC - EQUIPMENT OUTAGES, SEE NOTAM FOR MORE INFORMATION.

ENROUTE CONSTRAINTS:
MUFH - REQUESTING MILES IN TRAIL RESTRICTION FOR A/C LANDING MMUN.
MDCS - REQUESTING MILES IN TRAIL RESTRICTION BETWEEN 1600Z-200Z FOR
A/C LANDING MDPC

ROUTES: THE FOLLOWING REROUTES ARE IN EFFECT AS OF 30/1500Z.

ADVZY 004 - FCA005:CUBA_ARVLS_VIA_MAXIM
ADVZY 005 - FCA006:CUBA_ARVLS_VIA_TADPO
ADVZY 006 - FCA007:CUBA_ARVLS_VIA_URSUS
ADVZY 007 - FCA008:ZMR_ARVLS_VIA_CANOA
ADVZY 008 - FCA009:CARIBBEAN_ARVLS_VIA_TADPO
ADVZY 009 - FCA010:CARIBBEAN_ARVLS_VIA_URSUS
ADVZY 011 - FCA011:NO_A766_MMUN_ARVLS

TELCON PHONE NUMBER: (540)359-3200 PIN 2316#
NEXT PLANNING TELCON: 31/1315Z.
301339-311344
16/12/30 13:39 DCCOPS.lxstn20

ATCSCC ADVZY 060 DCC 12/30/2016 US/MEXICO OUTLOOK_FYI

EVENT TIME: 30/1430 - 31/1429

TERMINAL CONSTRAINTS:

MMUN - REQUESTING MILES IN TRAIL RESTRICTION

MMSD - REQUESTING NO MORE THAN 14 A/C PER HOUR FROM 1700Z-2200Z

MMPR - REQUESTING NO MORE THAN 12 A/C PER HOUR FROM 1700Z-2200Z

ENROUTE CONSTRAINTS:

A766 NOT AVAILABLE FOR MMUN ARRIVALS

ZMZ - REQUESTING MILES IN TRAIL RESTRICTIONS FROM ZLA/ZAB

ZMO - REQUESTING MILES IN TRAIL RESTRICTIONS FROM ZAB/ZHU

TELCON PHONE NUMBER: (540) 359-3200 PIN 2444#

NEXT PLANNING TELCON 31/1430Z.

301447-311459

16/12/30 14:47 DCCOPS.lxstn20

ATCSCC ADVZY 061 DCC/ZBW 12/30/2016 NATOTS_RQD

EVENT TIME: 30/2100 - 31/0500

NORTH ATLANTIC ADVISORY FOR 12/30/16 2100Z - 12/31/16 0500Z

JFK NORTH ATLANTIC DEPARTURES PLEASE FILE THE FOLLOWING ROUTES
TO REDUCE DEPARTURE DELAYS. TWO ROUTES TRANSITION TO TRACK W.
USERS MAY FILE EITHER OR MAY BE TACTICALLY REROUTED.

TRACK T/ JFK..GREKI..JUDDS..MARTN..QUBIS.N623A.LOMSI.TRAKT

TRACK U/ JFK..GREKI..JUDDS..MARTN..TAFFY.N559A.NEEKO.TRAKU

TRACK V/ JFK..GREKI..JUDDS..MARTN..TOPPS.N499A.RIKAL.TRAKV

TRACK W/ JFK..MERIT..HFD..PUT..EBONY.N469A.SAXAN.TRAKW OR

JFK..BETTE..ACK..EBONY.N469A.SAXAN.TRAKW

TRACK X/ JFK..BETTE..ACK..ALLEX.N437A.TUDEP.TRAKX

TRACK Y/ JFK..BETTE..ACK..TUSKY.N377A.ALLRY.TRAKY

TRACK Z/ JFK..HAPIE..YAHOO..BRADD.N319A.ELSIR.TRAKZ

EWR NORTH ATLANTIC DEPARTURES PLEASE FILE THE FOLLOWING ROUTES
TO REDUCE DEPARTURE DELAYS. TWO ROUTES TRANSITION TO TRACK Z.
USERS MAY FILE EITHER OR MAY BE TACTICALLY REROUTED.

TRACK T/ EWR..GREKI..JUDDS..MARTN..QUBIS.N623A.LOMSI.TRAKT

TRACK U/ EWR..GREKI..JUDDS..MARTN..TAFFY.N559A.NEEKO.TRAKU

TRACK V/ EWR..GREKI..JUDDS..MARTN..TOPPS.N499A.RIKAL.TRAKV

TRACK W/ EWR..MERIT..HFD..PUT..EBONY.N469A.SAXAN.TRAKW

TRACK X/ EWR..MERIT..HFD..PUT..WITCH..ALLEX.N437A.TUDEP.TRAKX

TRACK Y/ EWR..MERIT..HFD..PUT..BOS..TUSKY.N377A.ALLRY.TRAKY

TRACK Z/ EWR..MERIT..HFD..PUT..BOS..BRADD.N319A.ELSIR.TRAKZ OR

EWR..ELVAE..COL..DIXIE..PREPI..OWENZ..LINND..VITOL..ELSIR..TRAKZ

FLIGHTS OVER QUBIS/TAFFY/TOPPS/EBONY PLEASE FILE:
AT OR WEST OF A LINE RBV..LLUND..BAYYS..PUT..DIRECT
FLIGHTS OVER ALLEX/TUSKY PLEASE FILE:
VIA J174.RIFLE..ACK..DIRECT
OR RBV.J62.ACK..DIRECT
FLIGHTS OVER BRADD PLEASE FILE:
VIA J174.RIFLE..YAHOO..DIRECT
OR RBV..RIFLE..YAHOO..DIRECT

DC METRO DEPARTURES OVER QUBIS/TAFFY/TOPPS/EBONY PLEASE FILE:
VIA SWANN..BROSS.J42.RBV..LLUND..BAYYS..PUT..DIRECT
DC METRO DEPARTURES OVER ALLEX/TUSKY PLEASE FILE:
VIA AGARD..SIE.J121.SHLEP..ACK..DIRECT
OR SWANN..BROSS.J42.RBV..ACK..DIRECT
DC METRO DEPARTURES OVER BRADD PLEASE FILE:
VIA AGARD..SIE.J121.SHLEP..YAHOO..DIRECT
OR SWANN..BROSS.J42.RBV..YAHOO..DIRECT
***FOREIGN AIR CARRIERS DEPARTING IAD PLEASE FILE:
VIA JCOBY3.AGARD OR JCOBY3.SWANN
THEN JOIN ROUTES ABOVE

PHL DEPARTURES OVER OVER QUBIS/TAFFY/TOPPS/EBONY PLEASE FILE:
PHL..DITCH.J225.JFK..PUT..DIRECT
PHL DEPARTURES OVER OVER ALLEX/TUSKY PLEASE FILE:
PHL..DITCH.V312.JIMEE..WAVEY..SHLEP..ACK..DIRECT
PHL DEPARTURES OVER OVER BRADD PLEASE FILE:
PHL..DITCH.V312.JIMEE..WAVEY..SHLEP..YAHOO..DIRECT

ZBW TMU 603-879-6666, ZNY TMU 631-468-1386, ZDC TMU 703-771-3504

301449-310530
16/12/30 14:49 DCCOPS.lxstn28

ATCSCC ADVZY 088 DCC 12/30/2016 OPERATIONS PLAN
EVENT TIME: 30/2300 - AND LATER
TERMINAL CONSTRAINTS:
BOS/NYMETS/PHL/DCMETS-WIND
SLC-FG/VIS
LAS/PHX-VCSH
LAX-RWY 07L/25R CONSTR UNTIL 01/15/17

ENROUTE CONSTRAINTS:
ZDV/ZAB/ZLA-TURBULENCE

*****PERTI OPERATIONAL GOAL FOR DECEMBER 30, 2016*****

-Manage LAX to keep arrival and departure delays to less than 60 minutes
outside of any GS/GDP initiative or MIT restrictions to CCFMEX.

CONDITIONS AT LAX IMPROVED ENOUGH TO ALLOW THE GDP TO BE PURGED
EARLY. THE
NO A766 TO MMUN ROUTE WAS REMOVED FROM THE PLAN HOWEVER IT IS
EXPECTED TO
RUN TO COMPLETION. N90 ADVISED THAT LGA WENT TO A SINGLE RUNWAY
OPERATION
DUE TO SNOW SQUALLS AT THE FIELD. THIS IMPACTED THE JFK OPERATION AND
WILL
NOT ALLOW A 2 DEPARTURE RUNWAY OPERATION, AS A RESULT THE JFK
REFERENCE HAS
BEEN UPDATED TO REFLECT A GS POSSIBLE UNTIL 0100. THE ANTICIPATION FOR
JFK
IS TO GO TO A 22/31L OPERATION WHEN LGA IS ABLE TO GO BACK TO THE 22/31
CONFIGURATION. ZLA ADVISED THAT THEY MAY BE ABLE TO MANAGE THE
0100-0200
DEMAND WITH METERING & MIT.

1. ZNY
UNTIL 0259 -EWR GROUND DELAY PROGRAM
UNTIL 0100 -JFK GROUND STOP POSSIBLE

3. ROUTES
UNTIL 0200 -AZEZU (RMD)
UNTIL 0400 -FCAJFK: JFK WIND ROUTES
UNTIL 0430 -FCAEWR: EWR WIND ROUTES

*****PERTI PRELIMINARY GOAL FOR DECEMBER 31, 2016*****

Manage LAX to keep arrival and departure delays to less than 60 minutes
outside of any GS/GDP initiative or MIT restrictions to CCFMEX.

NEXT PLANNING WEBINAR: 0015Z
302230-010059
16/12/30 22:30 DCCOPS.lxstn35

ATCSCC ADVZY 003 DCC 12/31/2016 OPERATIONS PLAN
EVENT TIME: 30/0100 - AND LATER
TERMINAL CONSTRAINTS:
BOS/NYMETS/PHL/DCMETS-WIND

SFO-LOW CIGS
SLC-FG/VIS
PHX-VCSH
LAX-RWY 07L/25R CONSTR UNTIL 01/15/17

ENROUTE CONSTRAINTS:
ZDV/ZAB/ZLA-TURBULENCE

THE REFERENCE FOR A JFK INITIATIVE HAS BEEN REMOVED. HOWEVER, ZDC ADVISED THAT THEY WILL BE IN HOLD FOR JFK DUE TO THE OVERHEAD VOLUME FOR THE NEXT 60 MINUTES. DUE TO LOW CEILINGS, VISIBILITY, & RVR ISSUES SLC MAY REQUIRE A CATEGORY SPECIFIC GROUND STOP UNTIL CONDITIONS IMPROVE, REFERENCE ADDED. ZLA ADVISED THAT THEY WILL MANAGE THE 0100-0200 DEMAND WITH METERING & MIT. IN ADDITION, ZSE ALSO PLANS TO MANAGE THE SEA 0400-0500 DEMAND WITH METERING & MIT. DUE TO THE POSSIBILITY OF LOWER CEILINGS AT SFO, A GROUND STOP INTO A GROUND DELAY PROGRAM IS POSSIBLE AFTER 0200. ZME ADVISED THAT THEY WILL REQUIRE 1ST TIER SCHEDULING, BUT NO TELCON FOR THE MEM OVERNIGHT OPERATION.

1. ZNY
UNTIL 0259 -EWR GROUND DELAY PROGRAM

2. ZLC
AFTER 0200 -SLC GROUND STOP POSSIBLE

3. ZOA
AFTER 0200 -SFO GROUND STOP/DELAY PROGRAM POSSIBLE

4. ROUTES
UNTIL 0200 -AZEZU (RMD)
UNTIL 0400 -FCAJFK: JFK WIND ROUTES
UNTIL 0430 -FCAEWR: EWR WIND ROUTES
0800 1230 -JFK MID WIND ROUTES EXPECTED

*****PERTI GOAL FOR DECEMBER 31, 2016*****

Manage LAX to keep arrival and departure delays to less than 60 minutes outside of any GS/GDP initiative or MIT restrictions to CCFMEX.

*****PERTI PLAN FOR DECEMBER 31, 2016*****

Summary: Although not identified as a high Snowbird/Holiday volume day, potential exists for structured routings to be utilized if necessary to manage sector volume issues. FCAs for domestic and oceanic sectors are also being monitored for volume, with AFP?s to be considered if demand warrants. Ski Country routes are likely with AFP?s to be considered into ASE and EGE if volume warrants. Thunderstorms forecast along the Gulf Coast that may impact IAH/HOU departure/arrival routes. SLC is forecast to have Low IFR conditions with freezing fog, creating the potential for Category Ground Stops. LAX forecast to have rain showers, initiatives may be necessary to manage the ongoing construction and surface congestion. SFO forecast to have lower ceilings and northeast winds, a Ground Stop and/or GDP may be necessary to manage Saturday volume if visual approaches are limited.

Constraint: ZJX/ZMA Snowbird/Holiday Volume

Potential Initiatives:

Structured routings After 12z

AFP?s After 12z

Trigger: Volume developing creating sector volume issues.

Constraint: Ski Country Seasonal Volume

Potential Initiatives:

Ski Country routes After 16z

ASE/EGE AFP?s After 16z

Trigger: Observed increase in volume

Constraint: ZHU/IAH/HOU Thunderstorms

Potential Impacts:

IAH/HOU Departure/Arrival routes After 18z

Trigger: Thunderstorms impacting specific routes

Constraint: SLC Lo Cigs, Vis, Freezing Fog

Potential Initiatives:

SLC GS After 14z

Trigger: Visibilities below minimums for approaches

Constraint: LAX Construction/Surface Management, SHRA

Potential Initiatives:

LAX GS/GDP After 16z

Trigger: Terminal and surface congestion, arrival spacing interval requirements, weather impacts reducing capacity

Constraint: SFO Low Ceilings, Possible NE Wind

Potential Initiatives:

SFO GS/GDP After 16z

Trigger: Ceilings prohibiting visual approaches, possible east configuration

NEXT PLANNING WEBINAR: 1215Z
310039-311059
16/12/31 00:39 DCCOPS.lxstn35

ATCSCC ADVZY 004 DCC 12/31/16 FCA RQD
NAME: FCAMUN:MMUN_ARRIVAL_ROUTES
CONSTRAINED AREA: ZMR/ZHU
REASON: VOLUME
INCLUDE TRAFFIC: UNKN DEPARTURES TO MMUN
FACILITIES INCLUDED: ALL + CANADA
FLIGHT STATUS: ALL_FLIGHTS
VALID: FCA ENTRY TIME FROM 311500 TO 312300
PROBABILITY OF EXTENSION: LOW
REMARKS: SEE DYNAMIC LIST FOR UPDATES.
ASSOCIATED RESTRICTIONS: ZMR REQUESTS 20 MIT PER ROUTE.
MODIFICATIONS: *L214 IS NOT AVAILABLE TO MMUN ARRIVALS SOUTH OF
NUDIS. MMUN TRAFFIC VIA L214 AND M215 MUST FILE NUDIS
M215 IGT OB A766 MUXOG CUN MMUN.

**A766 IS NOT AVAILABLE NORTH OF IGT OB WHEN FILING TO
MMUN DUE TO SECTOR COMPLEXITY ISSUES IN ZMR.

ROUTES:

ORIG	DEST	ROUTE
----	----	-----
UNKN	MMUN	>TAY KNOST M215 PISAD UM215 NUDIS UM215 IGT OB A766 MUXOG CUN<
UNKN	MMUN	>PLYER KNOST M215 PISAD UM215 NUDIS UM215 IGT OB A766 MUXOG CUN<
UNKN	MMUN	>LEV L214 IRDOV UL214 NUDIS UM215 IGT OB A766 MUXOG CUN<
UNKN	MMUN	>SBI L208 DUTNA UL208 URTEL MOBAN CUN<
UNKN	MMUN	>VUH L207 IPSEV UL207 LERIL MOBAN CUN<
UNKN	MMUN	>BRO ABBOT UT11 CUN<
UNKN	MMUN	>MARCI M580 MINOW M215 PISAD UM215 NUDIS UM215

UNKN MMUN IGT0B A766 MUXOG CUN<
>CANOA VINKA NOSAT CUN<

TMI ID: RRDCC004
310133-312300
16/12/31 01:33 DCCOPS.lxstn21

ATCSCC ADVZY 005 DCC 12/31/16 FCA RQD
NAME: FCA015:CUBA_ARVLS_VIA_MAXIM
CONSTRAINED AREA: ZMA
REASON: VOLUME
INCLUDE TRAFFIC:
CZE/CZU/CZV/CZW/CZY/UNKN/ZAB/ZAU/ZBW/ZDC/ZDV/ZFW/ZH
U/ZID/ZJX/ZKC/ZLA/ZLC/ZMA/ZME/ZMP/ZNY/ZOA/ZOB/ZSE/Z
TL DEPARTURES TO MUHA
FACILITIES INCLUDED: ALL + CANADA
FLIGHT STATUS: ALL_FLIGHTS
VALID: FCA ENTRY TIME FROM 311500 TO 312100
PROBABILITY OF EXTENSION: LOW
REMARKS: SEE DYNAMIC LIST FCA015 FOR UPDATES. USERS ARE EXPECTED TO
FILE UPT ROUTINGS AFTER MAXIM. ZEU DEPARTURES FILING A699
AND SOUTH ARE EXEMPT.
ASSOCIATED RESTRICTIONS:
MODIFICATIONS:
ROUTES:

ORIG	DEST	ROUTE
----	----	-----
ZAU ZME ZKC ZMP	MUHA	>MGM SZW PIE KARTR FIS
ZDV ZFW ZHU ZSE		MAXIM<
ZLC ZOA ZLA ZAB		
CZV CZE CZW		
ZBW ZNY ZDC ZOB	MUHA	>ATL SZW PIE KARTR FIS
ZID ZAU ZME ZKC		MAXIM<
ZMP ZDV ZFW ZHU		
ZSE ZLC ZOA ZLA		
ZAB CZV CZE CZW		
CZY CZU		
ZBW ZNY ZDC	MUHA	>SAV TAY PIE KARTR FIS
		MAXIM<
ZTL	MUHA	>SZW PIE KARTR FIS MAXIM<
ZJX	MUHA	>PIE KARTR FIS MAXIM<
ZMA	MUHA	>FIS MAXIM<
ZID ZOB ZTL CZY	MUHA	>AMG TAY PIE KARTR FIS
CZU		MAXIM<

UNKN MUHA >AMG TAY PIE KARTR FIS
MAXIM<

TMI ID: RRDCC005
310139-312100
16/12/31 01:39 DCCOPS.lxstn32

ATCSCC ADVZY 006 DCC 12/31/16 FCA RQD
NAME: FCA016:CUBA_ARVLS_VIA_TADPO
CONSTRAINED AREA: ZMA
REASON: VOLUME
INCLUDE TRAFFIC:
CZE/CZU/CZV/CZW/CZY/UNKN/ZAB/ZAU/ZBW/ZDC/ZDV/ZFW/ZH
U/ZID/ZJX/ZKC/ZLA/ZLC/ZMA/ZME/ZMP/ZNY/ZOA/ZOB/ZSE/Z
TL DEPARTURES TO MUCF/MUCL/MUSC/MUVR
FACILITIES INCLUDED: ALL + CANADA
FLIGHT STATUS: ALL_FLIGHTS
VALID: FCA ENTRY TIME FROM 311500 TO 312100
PROBABILITY OF EXTENSION: LOW
REMARKS: SEE DYNAMIC LIST FCA016 FOR UPDATES. USERS ARE EXPECTED TO
FILE UPT ROUTINGS AFTER TADPO. ZEU DEPARTURES FILING A699
AND SOUTH ARE EXEMPT.
ASSOCIATED RESTRICTIONS:
MODIFICATIONS:
ROUTES:

ORIG	DEST	ROUTE
----	----	-----
ZAU ZME ZKC ZMP	MUVR MUSC MUCF	>MGM SZW PIE KARTR MTH
ZDV ZFW ZHU ZSE	MUCL	TADPO<
ZLC ZOA ZLA ZAB		
CZV CZE CZW		
ZBW ZNY ZDC ZOB	MUVR MUSC MUCF	>ATL SZW PIE KARTR MTH
ZID ZAU ZME ZKC	MUCL	TADPO<
ZMP ZDV ZFW ZHU		
ZSE ZLC ZOA ZLA		
ZAB CZV CZE CZW		
CZY CZU		
ZBW ZNY ZDC	MUVR MUSC MUCF	>SAV TAY PIE KARTR MTH
	MUCL	TADPO<
ZTL	MUVR MUSC MUCF	>SZW PIE KARTR MTH TADPO<
	MUCL	
ZJX	MUVR MUSC MUCF	>PIE KARTR MTH TADPO<
	MUCL	
ZMA	MUVR MUSC MUCF	>MTH TADPO<

MUCL
ZID ZOB ZTL CZY MUVR MUSC MUCF >AMG TAY PIE KARTR MTH
CZU MUCL TADPO<
UNKN MUVR MUSC MUCF >AMG TAY PIE KARTR MTH
MUCL TADPO<

TMI ID: RRDCC006
310140-312100
16/12/31 01:40 DCCOPS.lxstn32

ATCSCC ADVZY 007 DCC 12/31/16 FCA RQD
NAME: FCA017:CUBA_ARVLS_VIA_URSUS
CONSTRAINED AREA: ZMA
REASON: VOLUME
INCLUDE TRAFFIC:
CZE/CZU/CZV/CZW/CZY/UNKN/ZAB/ZAU/ZBW/ZDC/ZDV/ZFW/ZH
U/ZID/ZJX/ZKC/ZLA/ZLC/ZMA/ZME/ZMP/ZNY/ZOA/ZOB/ZSE/Z
TL DEPARTURES TO MUCC/MUCM/MUCU/MUHG/MUMZ
FACILITIES INCLUDED: ALL + CANADA
FLIGHT STATUS: ALL_FLIGHTS
VALID: FCA ENTRY TIME FROM 311500 TO 312100
PROBABILITY OF EXTENSION: LOW
REMARKS: SEE DYNAMIC LIST FCA017 FOR UPDATES. USERS ARE EXPECTED TO
FILE UPT ROUTINGS AFTER URSUS. ZEU DEPARTURES FILING A699
AND SOUTH ARE EXEMPT.
ASSOCIATED RESTRICTIONS:
MODIFICATIONS:
ROUTES:

ORIG	DEST	ROUTE
----	----	----
ZBW ZNY ZDC ZOB	MUCC MUCM MUMZ	>ATL AMG CRG OMN URSUS<
ZID ZAU ZME ZKC	MUHG MUCU	
ZMP ZDV ZFW ZHU		
ZSE ZLC ZOA ZLA		
ZAB CZV CZE CZW		
CZY CZU		
UNKN	MUCC MUCM MUMZ	>ATL AMG CRG OMN URSUS<
	MUHG MUCU	
ZBW ZNY ZDC ZOB	MUCC MUCM MUMZ	>OHLAA AR24 ZFP URSUS<
ZID ZTL ZAU CZY	MUHG MUCU	
CZU		
UNKN	MUCC MUCM MUMZ	>OHLAA AR24 ZFP URSUS<
	MUHG MUCU	
ZBW ZNY ZDC ZTL	MUCC MUCM MUMZ	>SAV CRG OMN URSUS<

ZTL	MUHG MUCU MUCC MUCM MUMZ	>AMG CRG OMN URSUS<
ZJX	MUHG MUCU MUCC MUCM MUMZ	>OMN URSUS<
ZMA	MUHG MUCU MUCC MUCM MUMZ	>URSUS<
	MUHG MUCU	

TMI ID: RRDCC007
310141-312100
16/12/31 01:41 DCCOPS.lxstn32

ATCSCC ADVZY 008 DCC 12/31/16 FCA RQD
NAME: FCA018:ZMR_ARVLS_VIA_CANOA
CONSTRAINED AREA: ZMA
REASON: VOLUME
INCLUDE TRAFFIC: UNKN DEPARTURES TO MGGT/MMCZ/MMMD/MMTG/MMTP
FACILITIES INCLUDED: ALL + CANADA
FLIGHT STATUS: ALL_FLIGHTS
VALID: FCA ENTRY TIME FROM 311500 TO 312100
PROBABILITY OF EXTENSION: LOW
REMARKS: SEE DYNAMIC LIST FCA018 FOR UPDATES. USERS ARE EXPECTED TO
FILE UPT ROUTINGS AFTER VINKA. ZEU DEPARTURES FILING A699
AND SOUTH ARE EXEMPT.
ASSOCIATED RESTRICTIONS:
MODIFICATIONS:
ROUTES:

ORIG	DEST	ROUTE
----	----	----
UNKN	MMCZ MMMD MTG MMTP MGGT	>PIE KARTR FIS CANOA VINKA<

TMI ID: RRDCC008
310142-312100
16/12/31 01:42 DCCOPS.lxstn32

ATCSCC ADVZY 009 DCC 12/31/16 FCA RQD
NAME: FCA019:CARIBBEAN_ARVLS_VIA_TADPO
CONSTRAINED AREA: ZMA
REASON: VOLUME
INCLUDE TRAFFIC:
CZE/CZU/CZV/CZW/CZY/UNKN/ZAB/ZAU/ZBW/ZDC/ZDV/ZFW/ZH
U/ZID/ZJX/ZKC/ZLA/ZLC/ZMA/ZME/ZMP/ZNY/ZOA/ZOB/ZSE/Z

TL DEPARTURES TO

MHLM/MHTG/MNMG/MPBO/MPMG/MPPD/MPSM/MRLB/MRLM/MROC/M
SLD/MSLP/MWCR

FACILITIES INCLUDED: ALL + CANADA

FLIGHT STATUS: ALL_FLIGHTS

VALID: FCA ENTRY TIME FROM 311500 TO 312100

PROBABILITY OF EXTENSION: LOW

REMARKS: SEE DYNAMIC LIST FCA019 FOR UPDATES. USERS ARE EXPECTED TO
FILE UPT ROUTINGS AFTER TADPO. ZEU DEPARTURES FILING A699
AND SOUTH ARE EXEMPT.

ASSOCIATED RESTRICTIONS:

MODIFICATIONS:

ROUTES:

ORIG	DEST	ROUTE
----	----	----
ZAU ZME ZKC ZMP	MSLP MSLD MHLM	>MGM SZW PIE KARTR MTH
ZDV ZFW ZHU ZSE	MHTG MNMG MRLM	TADPO<
ZLC ZOA ZLA ZAB	MRLB MPBO MPSM	
CZV CZE CZW	MPPD MPMG MROC	
	MWCR	
ZBW ZNY ZDC ZOB	MSLP MSLD MHLM	>ATL SZW PIE KARTR MTH
ZID ZAU ZME ZKC	MHTG MNMG MRLM	TADPO<
ZMP ZDV ZFW ZHU	MRLB MPBO MPSM	
ZSE ZLC ZOA ZLA	MPPD MPMG MROC	
ZAB CZV CZE CZW	MWCR	
CZY CZU		
ZBW ZNY ZDC	MSLP MSLD MHLM	>SAV TAY PIE KARTR MTH
	MHTG MNMG MRLM	TADPO<
	MRLB MPBO MPSM	
	MPPD MPMG MROC	
	MWCR	
ZTL	MSLP MSLD MHLM	>SZW PIE KARTR MTH TADPO<
	MHTG MNMG MRLM	
	MRLB MPBO MPSM	
	MPPD MPMG MROC	
	MWCR	
ZJX	MSLP MSLD MHLM	>PIE KARTR MTH TADPO<
	MHTG MNMG MRLM	
	MRLB MPBO MPSM	
	MPPD MPMG MROC	
	MWCR	
ZMA	MSLP MSLD MHLM	>MTH TADPO<
	MHTG MNMG MRLM	
	MRLB MPBO MPSM	

	MPPD MPMG MROC	
	MWCR	
ZID ZOB ZTL CZY	MSLP MSLD MHLM	>AMG TAY PIE KARTR MTH
CZU	MHTG MNMG MRLM	TADPO<
	MRLB MPBO MPSM	
	MPPD MPMG MROC	
	MWCR	
UNKN	MSLP MSLD MHLM	>AMG TAY PIE KARTR MTH
	MHTG MNMG MRLM	TADPO<
	MRLB MPBO MPSM	
	MPPD MPMG MROC	
	MWCR	

TMI ID: RRDCC009
310143-312100
16/12/31 01:43 DCCOPS.lxstn32

ATCSCC ADVZY 010 DCC 12/31/16 FCA RQD
NAME: FCA020:CARIBBEAN_ARVLS_VIA_URSUS
CONSTRAINED AREA: ZMA
REASON: VOLUME
INCLUDE TRAFFIC:
CZE/CZU/CZV/CZW/CZY/UNKN/ZAB/ZAU/ZBW/ZDC/ZDV/ZFW/ZH
U/ZID/ZJX/ZKC/ZLA/ZLC/ZMA/ZME/ZMP/ZNY/ZOA/ZOB/ZSE/Z
TL DEPARTURES TO
MKJS/SAEZ/SCEL/SEGU/SEQU/SKAR/SKBO/SKRG/SPJC/SVBI/S
VMI/TNCA/TNCC
FACILITIES INCLUDED: ALL + CANADA
FLIGHT STATUS: ALL_FLIGHTS
VALID: FCA ENTRY TIME FROM 311500 TO 312100
PROBABILITY OF EXTENSION: LOW
REMARKS: SEE DYNAMIC LIST FCA020 FOR UPDATES. USERS ARE EXPECTED TO
FILE UPT ROUTINGS AFTER URSUS. ZEU DEPARTURES FILING A699
AND SOUTH ARE EXEMPT.
ASSOCIATED RESTRICTIONS:
MODIFICATIONS:
ROUTES:

ORIG	DEST	ROUTE
----	----	-----
ZBW ZNY ZDC ZOB	SCEL SAEZ MKJS	>ATL AMG CRG OMN URSUS<
ZID ZAU ZME ZKC	SPJC SEQU SVMI	
ZMP ZDV ZFW ZHU	SKBO SKRG SKAR	
ZSE ZLC ZOA ZLA	SVBI TNCC TNCA	
ZAB CZV CZE CZW	SEGU	

CZY CZU		
UNKN	SCEL SAEZ MKJS	>ATL AMG CRG OMN URSUS<
	SPJC SEQU SVM	
	SKBO SKRG SKAR	
	SVBI TNCC TNCA	
	SEGU	
ZBW ZNY ZDC ZOB	SCEL SAEZ MKJS	>OHLAA AR24 ZFP URSUS<
ZID ZTL ZAU CZY	SPJC SEQU SVM	
CZU	SKBO SKRG SKAR	
	SVBI TNCC TNCA	
	SEGU	
UNKN	SCEL SAEZ MKJS	>OHLAA AR24 ZFP URSUS<
	SPJC SEQU SVM	
	SKBO SKRG SKAR	
	SVBI TNCC TNCA	
	SEGU	
ZBW ZNY ZDC ZTL	SCEL SAEZ MKJS	>SAV CRG OMN URSUS<
	SPJC SEQU SVM	
	SKBO SKRG SKAR	
	SVBI TNCC TNCA	
	SEGU	
ZTL	SCEL SAEZ MKJS	>AMG CRG OMN URSUS<
	SPJC SEQU SVM	
	SKBO SKRG SKAR	
	SVBI TNCC TNCA	
	SEGU	
ZJX	SCEL SAEZ MKJS	>OMN URSUS<
	SPJC SEQU SVM	
	SKBO SKRG SKAR	
	SVBI TNCC TNCA	
	SEGU	
ZMA	SCEL SAEZ MKJS	>URSUS<
	SPJC SEQU SVM	
	SKBO SKRG SKAR	
	SVBI TNCC TNCA	
	SEGU	

TMI ID: RRDCC010
 310144-312100
 16/12/31 01:44 DCCOPS.lxstn32

ATCSCC ADVZY 012 DCC 12/31/16 FCA RQD
 NAME: FCAMID:JFK_MID_ROUTES
 CONSTRAINED AREA: ZNY
 REASON: VOLUME

INCLUDE TRAFFIC: LAS/MSP/ZAB/ZDV/ZFW/ZHU/ZKC/ZLA/ZLC/ZME/ZOA/ZSE
 DEPARTURES TO JFK
 FACILITIES INCLUDED: ZAB/ZAU/ZDC/ZDV/ZFW/ZHU/ZID/ZKC/ZLA/ZLC/ZME/ZMP
 /ZNY/ZOA/ZOB/ZSE
 FLIGHT STATUS: ALL_FLIGHTS
 VALID: FCA ENTRY TIME FROM 310830 TO 311200
 PROBABILITY OF EXTENSION: LOW
 REMARKS: SEE DYNAMIC LIST FCAMID FOR UPDATES.
 ASSOCIATED RESTRICTIONS: VIA NTML.
 MODIFICATIONS:
 ROUTES:

ORIG	DEST	ROUTE
----	----	-----
MSP	JFK	MSP >DLL HASTE DAFLU J70 LVZ< LENDY6
ZSE	JFK	>RAP ONL FOD KG75M DAFLU J70 LVZ< LENDY6
ZDV ZOA ZLC LAS	JFK	>BFF ONL FOD KG75M DAFLU J70 LVZ< LENDY6
ZLA ZAB ZKC(-LAS)	JFK	>SPI VHP ROD DJB JHW J70 LVZ< LENDY6
ZLA ZAB ZKC(-LAS)	JFK	>KK54K KI57O ROD DJB JHW J70 LVZ< LENDY6
ZFW ZHU ZME	JFK	>BKW J42 MOL J24 HCM SAWED J121 SIE< CAMRN4

TMI ID: RRDCC012
 310214-311200
 16/12/31 02:14 DCCOPS.lxstn32

ATCSCC ADVZY 011 DCC 12/31/2016 NOCC SCHEDULED FACILITY OUTAGES
 EVENT TIME: 31/0215 - 1215
 NOCC 12/31/16 SCHEDULED FACILITY OUTAGES.

DALLAS-FT WORTH, TX (DFW) RWY 17C/35C (FLQ/PKQ) LOC/GS 0500-0800Z.

DETROIT, MI (DTW) RWY 27R (DMI) LOC/GS thru 1229-2017/2359Z.

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

310215-311215
 310156-311215

16/12/31 01:56 DCCOPS2.lxstn41

ATCSCC ADVZY 016 DCC 12/31/2016 VOLCANIC ACTIVITY BULLETIN - FUEGO
342090

FVXX22 KNES 310346 WSI UKS:310352

VA ADVISORY

DTG: 20161231/0346Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090

PSN: N1428 W09052

AREA: GUATEMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2016/258

INFO SOURCE: GOES-EAST. GFS WINDS. VOLCANO WEB
CAMERA.

ERUPTION DETAILS: PSBL VA EMS.

OBS VA DTG: 31/0315Z

OBS VA CLD: SFC/FL150 N1438 W09107 - N1434 W09055
- N1424 W09101 - N1426 W09111 - N1438 W09107 MOV
W 5-10KT

FCST VA CLD +6HR: 31/0930Z SFC/FL150 NO ASH EXP

FCST VA CLD +12HR: 31/1530Z NO ASH EXP

FCST VA CLD +18HR: 31/2130Z NO ASH EXP

RMK: T+0 CONFIDENCE HIGH. PSBL VA EMS SEEN IN
STLT IMAGERY. PLUME IS DETACHED AND CURRENTLY 11
NM TO THE W OF SUMMIT. ...WHISNANT

NXT ADVISORY: WILL BE ISSUED BY 20161231/0945Z
310346-310945

ATCSCC ADVZY 015 DCC 12/31/2016 VOLCANIC ACTIVITY BULLETIN - FUEGO
342090

FVXX22 KNES 310346 WSI DDS:310348

VA ADVISORY
DTG: 20161231/0346Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090
PSN: N1428 W09052

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Fix List:

PHMK 2016-12-31T04:30:00.0Z Time Enroute: PT0S Ground Speed: TAS_KNOTS0.0
Altitude: NAS_FLIGHT_LEVEL0 Fuel Consumed: KILOGRAMS_FUEL_UNITS_TYPE0.0

CKH 2016-12-31T04:45:00.0Z Time Enroute: PT15M41S Ground Speed:
TAS_KNOTS132.34497 Altitude: NAS_FLIGHT_LEVEL0 Fuel Consumed:

KILOGRAMS_FUEL_UNITS_TYPE4.761754

HNL 2016-12-31T04:51:00.0Z Time Enroute: PT5M51S Ground Speed:
TAS_KNOTS132.90897 Altitude: NAS_FLIGHT_LEVEL0 Fuel Consumed:
KILOGRAMS_FUEL_UNITS_TYPE0.677734

PHNL 2016-12-31T04:51:00.0Z Time Enroute: PT26S Ground Speed:
TAS_KNOTS109.280594 Altitude: NAS_FLIGHT_LEVEL0 Fuel Consumed:
KILOGRAMS_FUEL_UNITS_TYPE0.131947