



[OFP]

OFP 1 ATW0054 / ATW54 -10.00 PHNL/HNL - KSFO/SFO -7.00
CALC 1253Z FOR ETD 1320Z 06NOV21 OBS 0606 PROG 0612 0615 0618 0621

A320NEO FBW-LEAP-1A26 - MSN - A20N - PERF FACTOR +0.0

	EST	MAX	PHNL/HNL	OUT	OFF	SLOT	CO RTE	HNLSF001
DOW	41000		STD 1320Z				ALTN	KSMF
PYLD	18304						FLT NBR	ATW54
ZFW	59304	62500	KSFO/SFO	IN	ON		CI	69
FUEL	16165	21273	STA 1825Z				CRZ FL	FL350
TOW	75469	79000					CRZ TEMP	-47
TRIP	11472			BLK	FLT		TROPO	54201
LW	63997	66000L					ZFW	59.3
ULD	2003		BLK 5.05			4.26 TET	TRIP WIND	T47

MAX SR 5.2 T O C TKOF ALTN

REMARKS:
ETOPS FUEL REQUIRED

OFP ROUTE:
-PHNL/04R F350 MKK4 CLUTS R465 CUNDU/F370 R465 CINNY PIRAT2
KSFO/28R
-DIST 2128-

PHNL ATIS: .. WX:

RWY: ... ATC CLRNC: SQUAWK:

TAXI	230	(0.20)	.....	.....	
TRIP	11472	4.26	.....	.....	
CONT 15 MIN	646	0.15	.....	.....	
ALTN	1026	0.28	.....	.....	KSMF/SMF CNR 1.6 106 NM FL110
FINRES	530	0.15	.....	.....	
ADDNL	2491	0.54	.....	.....	

TOTAL 16395 6.20

EXTRA (L2003) REASON
TANKER 0

PLN BLK 16395 6.20 FOD 4.7

FINAL BLK SHUT DOWN

TOW CORR +1000 PLN BLK +317 / -1000 PLN BLK -119
2000 BELOW TRIP +404 / TIME 4.23
4000 BELOW TRIP +846 / TIME 4.20

STAT FUEL: NO DATA AVAILABLE FOR THIS FLIGHT



I CERTIFY THAT I HAVE COMPLIED WITH THE RELEVANT SECTIONS OF THE OPERATIONS MANUAL, OM-A 8.1.2, OM-A 8.1.7 AND OM-C 12.

CAPT NAME: SIGNATURE:

PREPARED BY A. O. S. (+1 800 555 0199)

RVSM: ALT SYS LEFT: STBY: RIGHT:

CNR 1556

AWY POSN	MORA FREQ	MT DTG	DIST DTG	IAS MN	FL	SAT	GS WIND	TAS	ZT ETO/RT0/ATO	EET	MFR FOB

PHNL/04R											15519
MKK4	47 093	48		300	CLB		398 407		10	0.10	14518
MKK	116.1		2080			-9	098/09				
MOLOKAI (KAUNAKAKAI)									.../.../...		....
MKK4	41 041	42					462 465		6	0.16	14050
MKK42			2038	760		-29	353/05				
MKK040042									.../.../...		....

MKK4		041	88				466 457		12	0.28	13397
T O C			1950	780	350	-47	290/18				
									.../.../...		

MKK4	20 042	49					466 464		6	0.34	13114
CLUTS			1901	793		-48	312/12				
									.../.../...		
R465	20 047	85					462 463		11	0.45	12623
CEBEN			1816	794		-49	334/09				
									.../.../...		
R465		172									
ETOPS	-ENTRY-	1644									
	-PHT0-										
R465	20 047	220					458 462		51	1.36	10388
CIVIT			1424	794		-50	352/10				
									.../.../...		
R465		381									
ETOPS	-ETP1-	1043									
	-PHT0/KSFO-										
R465	20 048	11					491 460		48	2.24	8366
CORTT			1032	794		-52	272/37				
									.../.../...		
R465	20 050	400			CLB		538 459		45	3.09	6512
CUNDU			632	792		-52	251/80				
									.../.../...		



AWY POSN	MORA FREQ	MT	DIST DTG	IAS MN	FL	SAT	GS TAS WIND	ZT ETO/RT0/AT0	EET AT0	MFR FOB
R465 ETOPS	-EXIT- -KSFO-		231 401							
R465 CREAN	20 053		169 232	787	370	-58	552 450 248/102	43	3.52	4800
								.../.../...		
R465 BOUNDARY	-KZOA- -OAKLAND		0 232							
R465 CINNY	20 054		70 162	788		-58	543 450 250/93	8	4.00	4509
								.../.../...		
PIRAT2 T O D		038	33 129	787	370	-58	550 450 244/103	4	4.04	4374
								.../.../...		
PIRAT2 HUNTS	20 038		40 89	300	DSC	-28	529 453 242/77	6	4.10	4311
								.../.../...		
PIRAT2 PASIF	20 039		26 63	300		-11	451 397 238/54	3	4.13	4270
								.../.../...		
PIRAT2 PIRAT	20 060		13 50	300		-4	416 371 239/47	2	4.15	4249
								.../.../...		
PIRAT2 BRINY	20 060		10 40			-0	382 243/30	2	4.17	4233
								.../.../...		
PIRAT2 ARGGG	45 060		19 21			09	269 324/07	2	4.19	4203
								.../.../...		
PIRAT2 KSFO/28R	44 329		0 0					07	4.26	4047

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ETOPS/ETP CRITICAL POINT INFORMATION (ETOPS RULE TIME: 180MIN)

CRITICAL POINT FOR FUEL REQUIREMENTS: N3012.3 W14108.8

ETOPS INFORMATION

ETOPS	SAP	ELTME TIME (AAP)	DIST ISA	MORA W/C	ICE	CFUEL	FOB	COND
ENTRY N2512.2	PHT0 W15056.0	0108 0103 (PHT0)	401 P16	031 P013	0.2	4.1	12.4	DX
ETP1 N3012.3	PHT0/KSFO W14108.8	0223 0230 (KSFO)	983/1033 P14/P04	031/061 P004/P032	0.4	9.1	9.1	DX
EXIT N3438.9	KSFO W12939.2	0334 0059 (KSFO)	395 P04	061 P048	0.1	3.6	6.2	DX

ENRTE	ALTNS	(WEATHER SUITABILITY PERIOD)
PHT0	14:51 19:34	WX MIN: 600-3219
KSFO	17:34 19:34	WX MIN: 600-3219

FCST WX:	9999-9999
FCST WX:	9999-9999



CNR 1556

KSFO ATIS: .. RWY:

WX:

ASC	DEP	APPCH	MINIMA	WEATHER	TWC	XWC
	PHNL/HNL/04R	TKOF	/	4000/9999	-11.3	+6.5
	DEST					
	KSFO/SFO/28R	ILS	/	1000/9999	-6.1	+3.5
	DEST ALTN					
	KSMF/SMF/35R	RNAV	/	9999/9999	+3.8	+1.4

	ALTN	MORA	DIST	LVL	WC	TIME	DIFF	FUEL	DIFF
C1	KSMF/SMF/35R	71	106	110	T025	0.28		1026	
	TRUKN2 TRUKN	DCT	CCR	CCR2					



CLIMB

+10 076/014/FL100
+01 087/013/FL150
-12 097/010/FL200
-37 297/015/FL310
-47 280/038/FL350

CLUTS

SR 3.6
N2300.2
W15439.3
-52 299/019/FL370
-48 313/012/FL350
-44 344/008/FL330
-39 029/008/FL310

CEBEN

SR 3.4
N2346.8
W15322.0
-53 308/015/FL370
-49 337/010/FL350
-45 012/009/FL330
-40 035/009/FL310

CIVIT

SR 1.4
N2714.2
W14713.2
-56 300/015/FL370
-51 313/018/FL350
-46 314/019/FL330
-40 306/020/FL310

CORTT

SR 0.8
N3024.4
W14042.0
-57 260/055/FL370
-52 260/054/FL350
-47 263/054/FL330
-41 268/056/FL310

CUNDU

SR 2.2
N3316.8
W13337.4
-58 247/098/FL370
-53 248/095/FL350
-48 249/090/FL330
-43 252/084/FL310

CREAN

SR 1.4
N3543.9
W12605.7
-62 248/102/FL390
-58 247/102/FL370
-53 245/100/FL350
-48 244/096/FL330

CINNY

SR 2.3
N3610.9
W12445.6
-62 251/095/FL390
-58 249/093/FL370
-53 246/091/FL350
-48 244/090/FL330

DESCENT

-63 245/102/FL390
-54 241/102/FL350
-43 239/099/FL310
-18 236/067/FL200
-02 235/020/FL100

**[ATC Flight Plan]**

FF EUCHZMFP EUCBZMFP
061253 EGGWEZSB
(FPL-ATW54-IS
-A20N/M-SDE3FGHIRWY/LB1
-PHNL1320
-N0464F350 MKK4 CLUTS R465 CUNDU/N0450F370 R465 CINNY PIRAT2
-KSFO0426 KSMF
-PBN/A1B1C1D101S1 DOF/211106 REG/A20N EET/KZAK0048 KZ0A0352 OPR/ATW
PER/C RALT/PHTO KSFO RVR/075 RMK/TCAS)

**[Airport WX List]**

PHNL --> KSFO ATW 54 / 06Nov2021
LIDO/WEATHER SERVICE DATE : 06Nov2021 TIME : 12:53 UTC

AIRMETs:
No Wx data available

SIGMETs:
No Wx data available

Tropical Cyclone SIGMETs:
No Wx data available

Volcanic Ash SIGMETs:
No Wx data available

DESTINATION AIRPORT:

KSFO/SFO SAN FRANCISCO INTL

SA 061156 31007KT 10SM FEW006 BKN010 14/12 A3009 RMK A02 SLP190
T01390122 10139 20122 56004
FT 061133 0612/0718 VRB05KT P6SM SCT008 BKN010 BKN150
FM061700 30006KT P6SM FEW010 SCT020 BKN120
FM062100 30008KT P6SM FEW012 SCT025 SCT100
FM070300 28010KT P6SM FEW014 FEW030 FEW080
FM070900 28012KT P6SM FEW012 FEW060
FM071300 28007KT P6SM FEW010

DESTINATION ALTERNATE:

KSMF/SMF SACRAMENTO INTL

SA 061153 19004KT 10SM SCT100 BKN140 OVC200 12/11 A3007 RMK A02
SLP181 T01220106 10133 20111 55002
FT 061120 0612/0712 VRB05KT P6SM BKN150
FM062300 30005KT P6SM VCSH OVC070
FM070200 30005KT P6SM BKN100

ETOPS AIRPORTS:

PHTO/ITO HILO INTL

SA 061153 AUTO 23004KT 10SM FEW025 FEW055 21/17 A3009 RMK A02
SLP189 70002 T02060167 10228 20206 58005 TSNO
FT 061131 0612/0712 24004KT P6SM VCSH SCT030 SCT050
FM062000 06008KT P6SM VCSH SCT025 SCT045
FM070500 25004KT P6SM VCSH SCT035

KSFO/SFO SAN FRANCISCO INTL

SA 061156 31007KT 10SM FEW006 BKN010 14/12 A3009 RMK A02 SLP190
T01390122 10139 20122 56004
FT 061133 0612/0718 VRB05KT P6SM SCT008 BKN010 BKN150
FM061700 30006KT P6SM FEW010 SCT020 BKN120
FM062100 30008KT P6SM FEW012 SCT025 SCT100
FM070300 28010KT P6SM FEW014 FEW030 FEW080
FM070900 28012KT P6SM FEW012 FEW060
FM071300 28007KT P6SM FEW010



DEPARTURE AIRPORT:

PHNL/HNL INOUYE INTL

SA 061153 07013G19KT 10SM FEW018 BKN040 26/18 A3008 RMK A02
RAB1059E10 SLP184 VCSH NE-E P0000 60000 T02560183
10261 20250 58002

FT 061131 0612/0718 07010KT P6SM FEW020 BKN040
FM062100 06014G22KT P6SM FEW025 SCT045
FM070500 06010KT P6SM FEW025 SCT045

AIRPORTLIST ENDED



[NOTAM]

LIDO-NOTAM-BULLETIN INCLUDES NOTAM, COMP NOTAM AND AIP-REGULATION

VALID: 2111061320 - 2111062143 STD(EOBT)+TRIP+ALTN+3HRS

ATW 54 /06NOV OFP-NR: 1

ROUTE: PHNL - KSFO ALTN: KSMF

N0464F350 MKK4 CLUTS R465 CUNDU/N0450F370 R465 CINNY PIRAT2

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DEPARTURE AIRPORT - DETAILED INFO

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PHNL/HNL INOUYE INTL

+++++ AIRPORT +++++

10/147

RWY 22R HLDG PSN SIGN AT RWY 08L/26R INT N SIDE

LGT U/S

10/146

RWY 22L HLDG PSN SIGN AT RWY 08L/26R INT N SIDE

LGT U/S

10/145

AD AP WINDCONE FOR RWY 08L LGT U/S

A4276/21

TWY ALL WIP MAINT

+++++ RUNWAY +++++

A4279/21

RWY 08L/26R NOT GROOVED

A3740/21

RWY 22L PAPI U/S

+++++ SID +++++

A4314/21

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 8B...

ADD TAKEOFF OBSTACLE NOTE: RWY 4L, TEMPORARY CRANE 1895FT FROM DER, 234FT RIGHT OF CENTERLINE, 200FT AGL/ 211FT MSL

(2018-AWP-6418-OE), TEMPORARY CRANE 3017FT FROM DER, 1055FT RIGHT

OF CENTERLINE, 180FT AGL/ 191FT MSL (2020-AWP-361-OE), TEMPORARY

CRANE 3294FT FROM DER, 1118FT RIGHT OF CENTERLINE, 200FT AGL/

209FT MSL (2018-AWP-6416-OE). RWY 4R, TEMPORARY CRANE 1849FT FROM

DER, 266FT LEFT OF CENTERLINE, 200FT AGL/ 211FT MSL

(2018-AWP-6418-OE), TEMPORARY CRANE 2971FT FROM DER, 553FT RIGHT

OF CENTERLINE, 180FT AGL/ 191FT MSL (2020-AWP-361-OE), TEMPORARY

CRANE 3249FT FROM DER, 617FT RIGHT OF CENTERLINE, 200FT AGL/ 209FT

MSL (2018-AWP-6416-OE). RWY 8L, TEMPORARY CRANE 1.31NM FROM DER,

921FT LEFT OF CENTERLINE, 270FT AGL/ 290FT MSL

(2020-AWP-10456-OE), TEMPORARY CRANE 1.37NM FROM DER, 820FT LEFT

OF CENTERLINE, 270FT AGL/ 290FT MSL (2020-AWP-10457-OE). ALL OTHER

DATA REMAINS AS PUBLISHED.

A4317/21

DIVERSE VECTOR AREA (RADAR VECTORS), AMDT 2 ...

RWY 4L/R, NA. ALL OTHER DATA REMAINS AS PUBLISHED.



A4316/21

KEOLA THREE DEPARTURE ...

MOLOKAI FOUR DEPARTURE ...

OPIHI THREE DEPARTURE ...

PALAY THREE DEPARTURE ...

TAKEOFF MINIMUMS: **RWY 4L/R**, NA. **RWY 8L**, 300-1 5/8 WITH A MINIMUM CLIMB OF 305FT PER NM TO 1300. ADD TAKEOFF OBSTACLE NOTE: **RWY 4L**, TEMPORARY CRANE 1895FT FROM DER, 234FT RIGHT OF CENTERLINE, 200FT AGL/ 211FT MSL (2018-AWP-6418-OE), TEMPORARY CRANE 3017FT FROM DER, 1055FT RIGHT OF CENTERLINE, 180FT AGL/ 191FT MSL (2020-AWP-361-OE), TEMPORARY CRANE 3294FT FROM DER, 1118FT RIGHT OF CENTERLINE, 200FT AGL/ 209FT MSL (2018-AWP-6416-OE). **RWY 4R**, TEMPORARY CRANE 1849FT FROM DER, 266FT LEFT OF CENTERLINE, 200FT AGL/ 211FT MSL (2018-AWP-6418-OE), TEMPORARY CRANE 2971FT FROM DER, 553FT RIGHT OF CENTERLINE, 180FT AGL/ 191FT MSL (2020-AWP-361-OE), TEMPORARY CRANE 3249FT FROM DER, 617FT RIGHT OF CENTERLINE, 200FT AGL/ 209FT MSL (2018-AWP-6416-OE). **RWY 8L**, TEMPORARY CRANE 1.31NM FROM DER, 921FT LEFT OF CENTERLINE, 270FT AGL/ 290FT MSL (2020-AWP-10456-OE), TEMPORARY CRANE 1.37NM FROM DER, 820FT LEFT OF CENTERLINE, 270FT AGL/ 290FT MSL (2020-AWP-10457-OE). ALL OTHER DATA REMAINS AS PUBLISHED.

A4315/21

HONOLULU TWO DEPARTURE ...

TAKEOFF MINIMUMS: **RWY 4L/R**, STANDARD WITH MINIMUM CLIMB OF 492FT PER NM TO 1900, DO NOT EXCEED 180 KIAS UNTIL SOUTHEAST BOUND ON 155 HEADING, OR 1700 - 2 1/2 FOR VISUAL CLIMB OVER AIRPORT. **RWY 8L**, 300-1 5/8 WITH MINIMUM CLIMB OF 310FT PER NM TO 1000, OR 1700-2 1/2 FOR VCOA. **RWY 8R**, STANDARD WITH MINIMUM CLIMB OF 295FT PER NM TO 1000, OR 1700 - 2 1/2 FOR CLIMB IN VISUAL CONDITIONS. ADD TAKEOFF OBSTACLE NOTE: **RWY 4L**, TEMPORARY CRANE 1895FT FROM DER, 234FT RIGHT OF CENTERLINE, 200FT AGL/ 211FT MSL (2018-AWP-6418-OE), TEMPORARY CRANE 3017FT FROM DER, 1055FT RIGHT OF CENTERLINE, 180FT AGL/ 191FT MSL (2020-AWP-361-OE), TEMPORARY CRANE 3294FT FROM DER, 1118FT RIGHT OF CENTERLINE, 200FT AGL/ 209FT MSL (2018-AWP-6416-OE). **RWY 4R**, TEMPORARY CRANE 1849FT FROM DER, 266FT LEFT OF CENTERLINE, 200FT AGL/ 211FT MSL (2018-AWP-6418-OE), TEMPORARY CRANE 2971FT FROM DER, 553FT RIGHT OF CENTERLINE, 180FT AGL/ 191FT MSL (2020-AWP-361-OE), TEMPORARY CRANE 3249FT FROM DER, 617FT RIGHT OF CENTERLINE, 200FT AGL/ 209FT MSL (2018-AWP-6416-OE). **RWY 8L**, TEMPORARY CRANE 1.31NM FROM DER, 921FT LEFT OF CENTERLINE, 270FT AGL/ 290FT MSL (2020-AWP-10456-OE), TEMPORARY CRANE 1.37NM FROM DER, 820FT LEFT OF CENTERLINE, 270FT AGL/ 290FT MSL (2020-AWP-10457-OE). ALL OTHER DATA REMAINS AS PUBLISHED.

END PART 1 OF 2

(2020-AWP-10457-OE). ALL OTHER DATA REMAINS AS PUBLISHED.

END PART 2 OF 2

A3209/20

MOLOKAI FOUR DEPARTURE...

CLUTS TRANSITION,EBBER TRANSITION NA EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.

MKK AND OGG **VORTAC** RESTRICTION.

+++++ APPROACH PROCEDURES +++++

A1314/21

RNAV (GPS) Y **RWY 8L**, AMDT 3A...

CIRCLING **CAT A**,B MDA 680/HAA 667, **CAT C** MDA 820/HAA 807.



A2354/20

ILS Y RWY 4R, AMDT 2...**ILS Z RWY 4R**, AMDT 2...

S-ILS 4R(ASTERISK) DA 259/HAT 250.

A2178/20

RNAV (RNP) **Z RWY 8L**, AMDT 3...

RNP 0.30 DA 380/HAT 367, VIS 5/8 ALL CATS.

A2175/20

RNAV (GPS) **RWY 4L**, ORIG-B...LNAV **CAT E** MDA 980/HAT 970, **CAT E** VIS 3.CIRCLING **CAT A** MDA 680/HAA 667, **CAT C** MDA 820/HAA 807.

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DESTINATION AIRPORT - DETAILED INFO

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KSFO/SFO SAN FRANCISCO INTL

+++++ AIRPORT +++++

11/032

TWY ALL HLDG PSN SIGN LGT **U/S** FOR **RWY 1R/19L**

11/026

TWY T HLDG PSN SIGN SOUTHEAST SIDE BTN **RWY 10R/28L**
AND **RWY 10L/28R** LGT **U/S**

A2228/21

TWY S BTN **TWY Z** AND **TWY S1** **CLSD**

A2229/21

TWY Z BTN TXL Z2 AND **TWY C** **CLSD**

A2131/21

TWY C BTN **TWY Z** AND **TWY U** **CLSD**

A2109/21

TWY K CL LGT BTN **RWY 10L/28R** AND **TWY C** NOT STD

A2103/21

TWY R BTN **RWY 10R/28L** AND **TWY C** **CLSD**

10/073

TWY S3 SFC PAINTED HLDG PSN SIGNS FOR APCH END **RWY**
10R NOT STD

10/072

TWY S2 SFC PAINTED HLDG PSN SIGNS BTN **RWY 10L/28R**
AND **TWY S** NOT STD

10/071

TWY E SFC PAINTED HLDG PSN SIGNS FOR **RWY 10L/28R**
NOT STD

10/069

TWY T SFC PAINTED HLDG PSN SIGNS FOR **RWY 10R/28L**
NOT STD

10/068

TWY D SFC PAINTED HLDG PSN SIGNS BTN **TWY C** AND **RWY**
10L/28R NOT STD

10/067

TWY K SFC PAINTED HLDG PSN SIGNS BTN **TWY C** AND **RWY**
10L/28R NOT STD

10/042

TWY C SFC PAINTED HLDG PSN SIGNS FOR **RWY 01R/19L**
NOT STD



+++++ RUNWAY +++++

A2310/21 VALID: 06-NOV-21 1014 - 06-NOV-21 1500

RWY 01R/19L CLSD

A2262/21 VALID: 02-NOV-21 0700 - 06-NOV-21 1500

TUE-SAT 0700-1500

RWY 10L/28R CLSD

+++++ SID +++++

A2309/21

MOLEN EIGHT DEPARTURE...

DEPARTURE PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.

SAU VOR OUT OF SERVICE.

A2308/21

GAP SEVEN DEPARTURE...

SAN FRANCISCO FOUR DEPARTURE...

TAKE-OFF **RWY 28L/R** NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, **SAU VOR OUT OF SERVICE.**

A2065/21

MOLEN EIGHT DEPARTURE...

CHANGE DEPARTURE ROUTE DESCRIPTION TO READ:

TAKEOFF **RWY 10L/R**: CLIMBING LEFT TURN TO INTERCEPT SFO R-090 TO CROSS SIPLY 7.00 **DME** FIX AT OR ABOVE 2500, THEN CLIMBING RIGHT TURN ON HEADING 233 TO INTERCEPT AND PROCEED ON PYE R-144 TO STINS INT/SFO 21.95 **DME** AND ON SFO **VOR/DME** R-287 TO MOLEN INT/SFO 40.78 **DME**. THENCE...

TAKEOFF **RWY 19L/R**: CLIMBING LEFT TURN HEADING 053 TO INTERCEPT SFO R-090 TO CROSS SIPLY 7.00 **DME** FIX AT OR ABOVE 2500, THEN CLIMBING RIGHT TURN HEADING 233 TO INTERCEPT AND PROCEED ON PYE R-144 TO STINS INT/SFO **VOR/DME** 21.95 **DME** AND ON SFO **VOR/DME** R-287 TO MOLEN INT/SFO 40.78 **DME**. THENCE...

TAKEOFF **RWY 28L/R**: CLIMB ON SFO **VOR/DME** R-281 TO CROSS WESLA INT/SFO **VOR/DME** 5.74 **DME** AT OR ABOVE 1800, THEN CLIMBING RIGHT TURN TO INTERCEPT AND PROCEED ON SFO R-287 TO MOLEN INT/SFO 40.78 **DME**. THENCE...

...ON (TRANSITION), MAINTAIN ATC ASSIGNED ALTITUDE, EXPECT CLEARANCE TO FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

ALL OTHER DATA REMAINS AS PUBLISHED.

+++++ APPROACH PROCEDURES +++++

A2305/21

ILS OR LOC RWY 19L, AMDT 22A...

MISSED APPROACH: CLIMB TO 520 THEN CLIMBING LEFT TURN TO 3000

DIRECT SJC **VOR/DME** AND HOLD.

DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.

SAU VOR OUT OF SERVICE,

A2306/21

ILS OR LOC RWY 28R, AMDT 15A...

ILS RWY 28R (SA CAT I), AMDT 15A...

ILS RWY 28R (CAT II AND III), AMDT 15A....

DME REQUIRED EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS,

SAU VOR OUT OF SERVICE.



A2307/21

ILS OR LOC RWY 28L, AMDT 27B...**ILS RWY 28L** (SA **CAT II**), AMDT 27B...**ILS PRM RWY 28L** (SIMULTANEOUS CLOSE PARALLEL), AMDT 3A....**DME** REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV
SYSTEM WITH GPS,**SAU VOR OUT OF SERVICE.**

A2297/21 VALID: 06-NOV-21 0700 - 06-NOV-21 1500

ILS RWY 28R U/S

A1938/21

RNAV (GPS) **RWY 19R**, AMDT 3...

DISREGARD NOTE: SIMULTANEOUS APPROACH NA BELOW 28C (52F) . ADD

NOTE: SIMULTANEOUS APPROACH NA BELOW 12C (52F).

A1307/21

ILS RWY 28L (SA **CAT II**), AMDT 27B ...

S-ILS 28L CATS A, B, C, D RA 113, RVR 1200, HAT 100, DA 113.

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DESTINATION ALTERNATE AIRPORT(S)

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KSMF/SMF SACRAMENTO INTL

+++++ AIRPORT ++++++

10/023

OBST ANTENNA (ASN 2021-AWP-3656-NRA)

384140N1213529W (0.1NM SSW SMF) 52FT (29FT AGL) LGTD

A0722/21

TWY D BTN **TWY D7** AND **TWY C3** **CLSD**

A0595/21

DLY 1300-2230

EAST REMAIN OVERNIGHT RAMP BTN **TWY C1** AND **TWY C2** **CLSD** TO

TAX SPEED GREATER THAN 8KT

A0493/21

TWY C2, **TWY C1** BTN **TWY Y1** AND **TWY D**, **TWY Y1** BTN **TWY C1** AND **TWY**
W, **TWY Y** BTN **TWY Y2** AND **TWY Y1** **CLSD**

07/019

OBST BATCH PLANT (ASN 2021-AWP-2388-NRA)

384209N1213531W (0.4NM N SMF) 111FT (90FT AGL) FLAGGED AND LGTD

+++++ APPROACH PROCEDURES ++++++

A0812/21

/ILA/ **VOR U/S**

A0810/21

ILS OR LOC RWY 17R, AMDT 16D...**ILS OR LOC RWY 35L**, AMDT 7H...**ILS RWY 16R** (SA **CAT I**), AMDT 16B...**ILS RWY 16R** (CAT II AND III), AMDT 16B....**DME** REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV
SYSTEM WITH GPS,**ILA VOR OUT OF SERVICE.**



A0767/21

RNAV (GPS) Y **RWY 35R**, AMDT 1C...
LNAV/VNAV DA 374/ HAT 350 ALL CATS, VISIBILITY ALL CATS 1.
LNAV MDA 400/ HAT 376 ALL CATS.
CIRCLING CATS A/B/C MDA 540/HAA 513.
VDP 0.98NM TO RW35R.
TEMPORARY CRANES 95 MSL BEGINNING 1916FT W OF **RWY 35R**
(2020-AWP-141/142/143-NRA),
TEMPORARY CRANES 120 MSL BEGINNING 2240FT W OF **RWY 35R**
(2018-AWP-2541/2542/2543/2544/2545/2546/2547/2548-NRA),
TEMPORARY CRANE 171 MSL 1.67NM NE OF SMF AIRPORT
(2020-AWP-2528-OE).

A0766/21

CIRCLING MDA CATS A/B/C 540/HAA, 513., TEMPORARY CRANE 171 MSL
1.67 NM NE OF SMF AIRPORT, (2020-AWP-2528-0
ILS OR LOC RWY 17R, AMDT 16D...
CIRCLING MDA CATS A/B/C 540/HAA 513.
KAYEG FIX MINIMUMS (DME REQUIRED) CIRCLING MDA CATS A/B/C 540/HAA
513.
TEMPORARY CRANE 171 MSL 1.67 NM NE OF SMF AIRPORT
(2020-AWP-2528-OE).

A0765/21

RNAV (GPS) Y **RWY 17L**, AMDT 3A...
LNAV/VNAV DA 382/HAT 355 ALL CATS, VISIBILITY ALL CATS RVR 3000.
CIRCLING MDA CATS A/B/C 540/HAA 513.
TEMPORARY CRANE 171 MSL 5564FT NE OF **RWY 17L** (2020-AWP-2528-OE).

A0764/21

CIRCLING MDA CATS A/B/C 540/HAA, 513., TEMPORARY CRANE 171 MSL
1.67 NM NE OF SMF AIRPORT, (2020-AWP-2528-0
ILS OR LOC RWY 17L, AMDT 4C...
CIRCLING MDA CATS A/B/C 540/HAA 513.
JOBUD FIX MINIMUMS (DME REQUIRED) CIRCLING MDA CATS A/B/C 540/HAA
513.
TEMPORARY CRANE 171 MSL 1.67 NM NE OF SMF AIRPORT
(2020-AWP-2528-OE).

A0768/21

ILS OR LOC RWY 35L, AMDT 7H...
RNAV (GPS) Y **RWY 17R**, AMDT 2C...
RNAV (GPS) Y **RWY 35L**, AMDT 2B...
CIRCLING CATS A/B/C MDA 540/HAA 513.
TEMPORARY CRANE 171 MSL 1.67NM NE OF SMF AIRPORT
(2020-AWP-2528-OE).

A0553/21

RNAV (RNP) Z **RWY 35R**, AMDT 1A ...
RNP 0.10 DA 326/ HAT 302 ALL CATS. TEMPORARY CRANES 120 MSL
BEGINNING 2240FT WEST OF **RWY 35R**
(2018-AWP-2541/2542/2543/2544/2545/2546/2547/2548-NRA

A0357/21

RNAV (RNP) Z **RWY 35L**, AMDT 1A...
RNP 0.30 DA 373/ HAT 349 ALL CATS, VISIBILITY ALL CATS RVR 3000.
CHANGE NOTE TO READ: FOR INOP ALS, INCREASE RNP 0.30 ALL CATS
VISIBILITY TO RVR 5500.



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ETOPS SUITABLE ENROUTE AIRPORTS(S)

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PHTO/ITO HILO INTL

+++++ AIRPORT +++++

A0607/21

RNAV VISUAL **RWY 08**, ORIG ...

PROCEDURE NA

10/001

AD AP WINDCONE FOR RWY 26 LEFT SIDE U/S

10/002

AD AP WINDCONE FOR RWY 21 LEFT SIDE U/S

10/003

AD AP WINDCONE FOR RWY 08 LEFT SIDE U/S

+++++ APPROACH PROCEDURES +++++

A0554/21

VOR-B, ORIG-D...

CIRCLING **CAT C/D** NA..

KSFO/SFO SAN FRANCISCO INTL

+++++ AIRPORT +++++

11/032

TWY ALL HLDG PSN SIGN LGT U/S FOR RWY 1R/19L

11/026

TWY T HLDG PSN SIGN SOUTHEAST SIDE BTN RWY 10R/28L**AND RWY 10L/28R LGT U/S**

A2228/21

TWY S BTN TWY Z AND TWY S1 CLSD

A2229/21

TWY Z BTN TXL Z2 AND TWY C CLSD

A2131/21

TWY C BTN TWY Z AND TWY U CLSD

A2109/21

TWY K CL LGT BTN RWY 10L/28R AND TWY C NOT STD

A2103/21

TWY R BTN RWY 10R/28L AND TWY C CLSD

10/073

TWY S3 SFC PAINTED HLDG PSN SIGNS FOR APCH END RWY**10R NOT STD**

10/072

TWY S2 SFC PAINTED HLDG PSN SIGNS BTN RWY 10L/28R**AND TWY S NOT STD**

10/071

TWY E SFC PAINTED HLDG PSN SIGNS FOR RWY 10L/28R**NOT STD**

10/069

TWY T SFC PAINTED HLDG PSN SIGNS FOR RWY 10R/28L**NOT STD**

10/068

TWY D SFC PAINTED HLDG PSN SIGNS BTN TWY C AND RWY**10L/28R NOT STD**



10/067

TWY K SFC PAINTED HLDG PSN SIGNS BTN **TWY C** AND **RWY 10L/28R** NOT STD

10/042

TWY C SFC PAINTED HLDG PSN SIGNS FOR **RWY 01R/19L** NOT STD

+++++ RUNWAY +++++

A2310/21 VALID: 06-NOV-21 1014 - 06-NOV-21 1500

RWY 01R/19L CLSD

A2262/21 VALID: 02-NOV-21 0700 - 06-NOV-21 1500

TUE-SAT 0700-1500

RWY 10L/28R CLSD

+++++ SID +++++

A2309/21

MOLEN EIGHT DEPARTURE...

DEPARTURE PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.

SAU VOR OUT OF SERVICE.

A2308/21

GAP SEVEN DEPARTURE...

SAN FRANCISCO FOUR DEPARTURE...

TAKE-OFF **RWY 28L/R** NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, **SAU VOR OUT OF SERVICE.**

A2065/21

MOLEN EIGHT DEPARTURE...

CHANGE DEPARTURE ROUTE DESCRIPTION TO READ:

TAKEOFF **RWY 10L/R**: CLIMBING LEFT TURN TO INTERCEPT SFO R-090 TO CROSS SIPLY 7.00 **DME** FIX AT OR ABOVE 2500, THEN CLIMBING RIGHT TURN ON HEADING 233 TO INTERCEPT AND PROCEED ON PYE R-144 TO STINS INT/SFO 21.95 **DME** AND ON SFO **VOR/DME** R-287 TO MOLEN INT/SFO 40.78 **DME**. THENCE...

TAKEOFF **RWY 19L/R**: CLIMBING LEFT TURN HEADING 053 TO INTERCEPT SFO R-090 TO CROSS SIPLY 7.00 **DME** FIX AT OR ABOVE 2500, THEN CLIMBING RIGHT TURN HEADING 233 TO INTERCEPT AND PROCEED ON PYE R-144 TO STINS INT/SFO **VOR/DME** 21.95 **DME** AND ON SFO **VOR/DME** R-287 TO MOLEN INT/SFO 40.78 **DME**. THENCE...

TAKEOFF **RWY 28L/R**: CLIMB ON SFO **VOR/DME** R-281 TO CROSS WESLA INT/SFO **VOR/DME** 5.74 **DME** AT OR ABOVE 1800, THEN CLIMBING RIGHT TURN TO INTERCEPT AND PROCEED ON SFO R-287 TO MOLEN INT/SFO 40.78 **DME**. THENCE...

...ON (TRANSITION), MAINTAIN ATC ASSIGNED ALTITUDE, EXPECT CLEARANCE TO FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

ALL OTHER DATA REMAINS AS PUBLISHED.

+++++ APPROACH PROCEDURES +++++

A2305/21

ILS OR LOC RWY 19L, AMDT 22A...

MISSED APPROACH: CLIMB TO 520 THEN CLIMBING LEFT TURN TO 3000 DIRECT SJC **VOR/DME** AND HOLD.

DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.

SAU VOR OUT OF SERVICE,



A2306/21

ILS OR LOC RWY 28R, AMDT 15A...**ILS RWY 28R** (SA **CAT I**), AMDT 15A...**ILS RWY 28R** (CAT II AND III), AMDT 15A....**DME** REQUIRED EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS,**SAU VOR OUT OF SERVICE.**

A2307/21

ILS OR LOC RWY 28L, AMDT 27B...**ILS RWY 28L** (SA **CAT II**), AMDT 27B...**ILS PRM RWY 28L** (SIMULTANEOUS CLOSE PARALLEL), AMDT 3A....**DME** REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS,**SAU VOR OUT OF SERVICE.**

A2297/21 VALID: 06-NOV-21 0700 - 06-NOV-21 1500

ILS RWY 28R U/S

A1938/21

RNAV (GPS) **RWY 19R**, AMDT 3...

DISREGARD NOTE: SIMULTANEOUS APPROACH NA BELOW 28C (52F) . ADD

NOTE: SIMULTANEOUS APPROACH NA BELOW 12C (52F).

A1307/21

ILS RWY 28L (SA **CAT II**), AMDT 27B ...

S-ILS 28L CATS A, B, C, D RA 113, RVR 1200, HAT 100, DA 113.

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EXTENDED AREA AROUND DEPARTURE

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PHZH HONOLULU CERAP FIR

A1414/21 VALID: 06-NOV-21 1800 - 06-NOV-21 2100

DUE TO ATC ASSIGNED AIRSPACE LUNA WEST, HONOLULU ARRIVALS FM THE S SHOULD FLIGHT PLAN AS FOLLOWS:

1. E OF 1580000W VIA A ROUTE ON OR E OF A LINE EXTENDING FM 100000N1580000W TO 181500N1552800W TO KOA V20 JULLE V21 HNL.

2. W OF 158W VIA A ROUTE ON OR W OF A LINE EXTENDING FM 100000N1580000W TO CHEEM CARRP THENCE OPACA TO HNL.

HONOLULU DEPARTURES TO THE S SHOULD FLIGHT PLAN AS FOLLOWS:

1. E OF 1580000W VIA MKK SID MKK V7 IAI THENCE A ROUTE ON OR E OF A LINE EXTENDING FM KOA TO 181500N1552800W TO 100000N1580000W.

2. W OF 158W VIA OPIHI SID CARRP THENCE VIA A ROUTE ON OR W OF A LINE EXTENDING FM CARRP CHEEM TO 100000N1580000W.

FOR MORE INFO CTC HONOLULU CTL FACILITY TMU AT (808)

840-6203 OR OPS (808)840-6201.

F) FL250 G) FL350

A1413/21 VALID: 06-NOV-21 1800 - 06-NOV-21 2100

MIL OPS WI LUNA WEST ATC ASSIGNED AIRSPACE WI AN AREA DEFINED AS 190750N1591501W THENCE COUNTER CLOCKWISE ALONG THE HNL150NM ARC TO 185042N1582600W TO 171755N1582600W TO 173756N1591501W TO

POINT OF ORIGIN. IN THE INTEREST OF SAFETY ALL NONPARTICIPATING ACFT ARE ADZ TO AVOID THE AREA. IFR ACFT UNDER ATC JURISDICTION

CAN ANTICIPATE CLR AROUND AREA.

F) FL250 G) FL350

11/235

AIRSPACE R3101 ACT SFC-6500FT



A1405/21 VALID: 05-NOV-21 1850 - 06-NOV-21 2100
DLY 1850-2100

DUE TO ATC ASSIGNED AIRSPACE NALU, HONOLULU ARR FM THE
NE SHOULD FLT PLAN VIA A ROUTE ON OR E OF A LINE EXTENDING FM
280000N1580000W TO 254700N1560000W TO APACK TO MAGGI STAR
TO HONOLULU.

HONOLULU DEP TO THE NE SHOULD FLT PLAN VIA A ROUTE ON OR E OF A
LINE EXTENDING FM CKH V12 MAGGI TO APACK TO 254700N1560000W TO
280000N1580000W.

FOR MORE INFO CTC HONOLULU CTL FACILITY TMU AT 808-840-6203 OR OPS
AT 808-840-6201

F) SFC G) FL290

A1409/21 VALID: 05-NOV-21 1850 - 06-NOV-21 2100
DLY 1850-2100

MIL OPS WILL BE CONDUCTED WI NALU ATC ASSIGNED AIRSPACE WI AN AREA
DEFINED AS 254700N1581500W TO 254703N1574626W TO 252838N1570347W
TO 252300N1570000W TO 223544N1565950W TO 225942N1570850W TO
225942N1572950W TO 231900N1573000W THENCE COUNTER CLOCKWISE ALONG
THE LIH 130NM ARC TO 235330N1581500W THENCE N TO POINT OF ORIGIN.
IN THE INTEREST OF SAFETY ALL NONPARTICIPATING ACFT ARE ADZ TO
AVOID THE AREA. IFR ACFT UNDER ATC JURISDICTION CAN ANTICIPATE CLR
AROUND THE AREA.

F) SFC G) FL290

11/038

AIRSPACE R3109B ACT 9000FT UP TO BUT NOT
INCLUDING FL190

11/035

AIRSPACE R3109A ACT SFC-8999FT

11/034

AIRSPACE R3109C ACT SFC-8999FT

A1246/21

ROUTE ZHN.

V2, V21 HARPO, HI TO KEIKI, HI MEA 6200.

V2, V21 HARPO, HI TO KEIKI, HI MOCA 6200.

V2, V21 KEIKI, HI TO LANAI (LNY) **VORTAC**, HI MEA 5500.

A1167/21

ROUTE ZHN.

V12, V15 SHIGI, HI TO HONOLULU (HNL) **VORTAC**, HI MEA 4300.

A1108/21

VOLCANIC ACT ADVISORY FOR KILAUEA VOLCANO, HI 192419N1551652W.

PILOTS ARE ADVISED TO EXERCISE EXTREME **CAUTION** WHEN OPERATING NEAR
KILAUEA VOLCANO, AND REMAIN ALERT FOR POSSIBLE EXPLOSIVE
ERUPTIONS, ASH, STEAM OR GAS EMISSIONS, AND REPORT ANY SIGHTINGS
TO ATC IMMEDIATELY. CTC HONOLULU CONTROL FACILITY AT TEL
808-840-6201 FOR ADDITIONAL INFO.

F) SFC G) UNL

A0649/21

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.

F) SFC G) 6500FT

04/353

AIRSPACE R3103 ACT SFC-FL300



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EXTENDED AREA AROUND DESTINATION

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KZOA OAKLAND FIR/UIR

A1056/21

DLY 0700-1159

GPS (FTIRCA GPS 21-58) (INCLUDING WAAS, GBAS,
AND ADS-B) MAY NOT BE **AVBL** WI A 271NM RADIUS CENTERED AT
352121N1163405W (HEC336034) FL400-UNL,
221NM RADIUS AT FL250,
148NM RADIUS AT 10000FT,
121NM RADIUS AT 4000FT AGL,
89NM RADIUS AT 50FT AGL.
F) SEE TEXT G) SEE TEXT

11/043

AIRSPACE GLD WI AN AREA DEFINED AS 5NM RADIUS OF
SGD359032 SFC-5000FT AVOIDANCE ADZ DLY 1300-0400

1/9262

PART 1 OF 2 CA..AIRSPACE BEALE AFB, CA..TEMPORARY
FLIGHT

RESTRICTIONS.

OCTOBER 31-NOVEMBER 7, 2021 LOCAL. PURSUANT TO 49 USC
40103(B)(3), THE FEDERAL AVIATION ADMINISTRATION (FAA) CLASSIFIES
THE AIRSPACE DEFINED IN THIS NOTAM AS 'NTL DEFENSE AIRSPACE'. ANY
PERSON WHO KNOWINGLY OR WILLFULLY VIOLATES THE RULES CONCERNING
OPS IN THIS AIRSPACE MAY BE SUBJECT TO CERTAIN CRIMINAL PENALTIES
UNDER 49 USC 40103(B)(3). PILOTS WHO DO NOT ADHERE TO THE
FOLLOWING PROC MAY BE INTERCEPTED, DETAINED AND INTERVIEWED BY LAW
ENFORCEMENT/SECURITY PERSONNEL.

PURSUANT TO TITLE 14 CFR SECTION 99.7, SPECIAL SECURITY
INSTRUCTIONS, ALL ACFT FLT OPS ARE PROHIBITED WI AN AREA DEFINED
AS 10NM RADIUS OF 390803N1212615W (MYV055006.7) 4100FT MSL-FL180
EFFECTIVE 2110312100 UTC (1400 LOCAL 10/31/21) UNTIL 2111072059
UTC (1259 LOCAL 11/07/21).

EXCEPT AS SPECIFIED BELOW AND/OR UNLESS AUTHORIZED
BY ATC:

2110312100-2111072059

END PART 1 OF 2

PART 2 OF 2 CA..AIRSPACE BEALE AFB, CA..TEMPORARY
FLIGHT

1. ALL AIRCRAFT ENTERING OR EXITING THE TFR MUST
BE ON A DISCRETE CODE ASSIGNED BY AN AIR TRAFFIC
CONTROL (ATC) FACILITY.

2. AIRCRAFT MUST BE SQUAWKING THE DISCRETE CODE AT
ALL TIMES WHILE IN THE TFR.

3. ALL AIRCRAFT ENTERING OR EXITING THE TFR MUST
REMAIN IN TWO-WAY RADIO COMMUNICATIONS WITH ATC.

4. NORTHERN CALIFORNIA TRACON, PHONE 916-366-4080,
IS THE FAA COORDINATION FACILITY.

2110312100-2111072059

END PART 2 OF 2



1/0121

CA..AIRSPACE LAKE ISABELLA, CA..TEMPORARY FLIGHT
RESTRICTIONS WI AN AREA DEFINED AS
360900N1185000W (TTE017016.9) TO
360900N1182300W (TTE049034.1) TO
354800N1182300W (TTE086031.8) TO
354600N1182900W (TTE092027.6) TO
354600N1185000W (TTE118012.7) TO
POINT OF ORIGIN SFC-13000FT. TO PROVIDE A SAFE ENVIRONMENT FOR
FIRE FIGHTING. PURSUANT TO 14 CFR SECTION 91.137(A)(2) TEMPORARY
FLIGHT RESTRICTIONS ARE IN EFFECT. TULE INDIAN RESERVATION TEL
559-781-5780 OR FREQ 119.075/WINDY FIRE IS IN CHARGE OF THE
OPS. OAKLAND /ZOA/ ARTCC TEL 510-745-3331 IS THE FAA
CDN FACILITY.

09/291

AIRSPACE UAS WI AN AREA DEFINED AS 4NM RADIUS OF
383721.22N1220513.22W (10.5NM SW 041) SFC-6000FT

09/100

AIRSPACE UAS WI AN AREA DEFINED AS .5NM RADIUS OF
370033N1211413W (10.6NM NE CVH) SFC-400FT AGL

A0805/21

ROUTE ZOA.

V107, V301 COMMO, CA MCA 4500 NORTHWESTBOUND.

A0175/21

ROUTE ZOA.

V301 SUNOL, CA TO OAKLAND (OAK) **VOR/DME**, CA MEA 4400.

A0012/21

V195 FORTUNA (FOT) **VORTAC**, CA TO RED BLUFF (RBL) **VORTAC**, CA CHANGE
OVER POINT FOT 40 NM.

A0857/20

V23 BEIRA, CA TO SHATA, CA MOCA 5600.

A0937/19

ROUTE ZOA.

V165 MARRI, CA TO MUSTANG (FMG) **VORTAC**, NV MEA 15000.V165 MUSTANG (FMG) **VORTAC**, NV MCA 15000 SOUTHBOUND.FMG **VORTAC** R-167 **UNUSABLE** BELOW 15000.

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EXTENDED AREA AROUND DESTINATION ALTERNATE AIRPORT(S)

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KZOA OAKLAND FIR/UIR

Please see section EXTENDED AREA AROUND DESTINATION

=====

EXTENDED AREA AROUND ETOPS SUITABLE AIRPORTS(S)

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PHZH HONOLULU CERAP FIR

Please see section EXTENDED AREA AROUND DEPARTURE

KZOA OAKLAND FIR/UIR

Please see section EXTENDED AREA AROUND DESTINATION



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AREA ENROUTE DEPARTURE - DESTINATION

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KZAK OAKLAND OCEANIC FIR

A4534/21 VALID: 06-NOV-21 1900 - 07-NOV-21 0800

(TDM TRK A 211106190001

2111061900 2111070800

DANNO ECEDO 27N170W 32N180E 37N170E 39N160E 36N150E SEALS RTS/PHNL

KEOLA SOK DANNO

SEALS OTR13 LAPIL

RMK/TRK B **NOT AVAILABLE**

)

A4537/21 VALID: 06-NOV-21 1900 - 07-NOV-21 0800

(TDM TRK F 211106190001

2111061900 2111070800

BOXER FULMR FASEL 51N140W 53N150W 53N160W 50N170W 49N180E 47N170E

44N160E EMRON

RTS/KSFO GNNRR STINS AMAKR BOXER

KLAX MCKEY LIBBO BRINY BOARS BOXER

EMRON OTR9 AVBET

RMK/TRK H **NOT AVAILABLE** DUE TO WINDS

)

A4538/21 VALID: 06-NOV-21 1900 - 07-NOV-21 0800

(TDM TRK I 211106190001

2111061900 2111070800

DINTY DUETS GITLE BILLO 30N150W 29N160W 29N170W 29N180E 28N170E

28N160E 28N150E 29N140E BIXAK

RTS/KLAX DINTY

BIXAK DELTA ONC

RMK/ALTITUDE MAY BE RESTRICTED WHILE CROSSING ATS ROUTES

TRK I ONLY **AVAILABLE** TO ACFT LANDING RCTP OR SOUTH

)

A4535/21 VALID: 06-NOV-21 1900 - 07-NOV-21 0800

(TDM TRK C 211106190001

2111061900 2111070800

JOWEN LOHNE ARCAL PORGE OGGOE NANDY NATES NIKLL NYMPH NUZAN NRKEY

NIPPI

RTS/CYVR UQQ JOWEN

KSEA TOU FINGS JOWEN

KPDX TOU FINGS JOWEN

KSFO TOU FINGS JOWEN

KLAX TOU FINGS JOWEN

NIPPI R220 NANAC

RMK/0)

A4536/21 VALID: 06-NOV-21 1900 - 07-NOV-21 0800

(TDM TRK E 211106190001

2111061900 2111070800

BOXER KYLLE KANUA ORNAI 53N140W 56N150W 57N160W SPY POOFF OPAKE

OLCOT OPHET OGDEN OMOTO

RTS/KSFO GNNRR STINS AMAKR BOXER

KLAX MCKEY LIBBO BRINY BOARS BOXER

OMOTO R580 OATIS

RMK/0)

A4530/21 VALID: 06-NOV-21 1500 - 06-NOV-21 2000

W237J ACT

F) SFC G) FL230



A4531/21 VALID: 06-NOV-21 1500 - 06-NOV-21 2000
W237H ACT

F) SFC G) FL230

A4533/21 VALID: 06-NOV-21 1330 - 07-NOV-21 1430
W291E ACT

F) SFC G) FL800

A4528/21 VALID: 06-NOV-21 0500 - 06-NOV-21 2100
(TDM TRK J 211106050001

2111060500 2111062100

JOWEN LOHNE ARCAL 60N160W NOLTI NAYLD NULUK NANDY NATES NIKLL

NYMPH NUZAN NIPPI

RTS/KSFO RBL TOU FINGS JOWEN

KLAX TOU FINGS JOWEN

NIPPI R220 NANAC

RMK/TRK K **NOT AVAILABLE** DUE TO WINDS

)

A4500/21

BRAVO THREE STNR ALT RESERVATION WI AN

AREA DEFINED AS 404000N1271000W TO 404000N1320000W TO

373000N1320000W TO 373000N1271000W TO POINT OF ORIGIN

F) SFC G) FL200

A4501/21

KELLY THREE STNR ALT RESERVATION WI AN

AREA DEFINED AS 80NM RADIUS OF 342500N1293000W

F) SFC G) FL270

A4418/21

DLY 1400-0600

DUE TO ACFT 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 ACFT ARE ADZ TO
AVOID THE NOTAMED AREAS. IFR ACFT UNDER ATC JURISDICTION SHOULD
ANTICIPATE CLR AROUND THE NOTAMED AREAS.

F) FL055 G) FL230

A4457/21

THE FRENCH SPACE AGENCY HAS LAUNCHED MULTIPLE BALLOON FM

SEYCHELLES AND WILL CONTINUE UNTIL EARLY 2022. THE FREE BALLOONS

WILL CIRCLE THE EARTH BTN LAT 15 DEG NORTH AND 15

DEG SOUTH. THEY ARE EQUIPPED WITH ADS-B OUT WHICH WILL GIVE

CURRENT LOCATION AND ALT. YOU CAN TRACK THE BALLOONS AT

[HTTPS://WEBSTR2.LMD.POLYTECHNIQUE.FR/#/](https://WEBSTR2.LMD.POLYTECHNIQUE.FR/#/)

F) SFC G) UNL



A3657/21

REMINDER TO ALL AIRCREWS: PER THE LOA BETWEEN OAKLAND ARTCC AND AERONATICAL RADIO INC, ARINC OPERATORS ARE REQUIRED TO RELAY ALL MESSAGES RELATING TO THE MOVEMENT OF AIR TRAFFIC TO THE APPROPRIATE AIR TRAFFIC CONTROL SECTOR WITHOUT DELAY AND TO OBTAIN READ BACKS FROM AIRCRAFT FOR ALL ATC CLEARANCE AND CONFIRM DELIVERY OF ATC ADISORY AND REQUEST MESSAGES WITHIN 3 MINUTES OF RECEIPT. WHEN ATTEMPTS TO RELAY AN ATC MESSAGE TO AN AIRCRAFT ON HF ARE UNSECCESFUL, ARINC SHALL ATTEMPT TO CONTACT SAT-PHONE EQUIPPED AIRCRAFT ON SAT-VOICE TO RELAY THE MESSAGE. AIRCREWS ARE ADVISED TO MAINTAIN AWARENESS WHEN CONTACTED BY ARINC IN ORDER TO FACILITATE THE EFFICIENT MOVEMENT OF AIR TRAFFIC WITHIN THE OAKLAND FIR.

F) SFC G) UNL



A3426/21

ATTENTION ACFT OPR AND DISPATCHERS OPERATING WI OAKLAND OCEANIC (KZAK) FIR. THE FOLLOWING GUIDANCE COVERS RQMNTS FOR FILING USER PREFERRED ROUTES ASSOCIATED WITH PACOTS. THIS GUIDANCE SUPERSEDES PROVISIONS CONTAINED IN THE PACIFIC CHART SUPPLEMENT AND THE KZAK FIR USER PREFERRED ROUTE GUIDANCE. THIS NOTAM IS ISSUED IN CONJUNCTION WITH JCAB (JAPAN AVIATION CIVIL BUREAU).

OPS FOR USE OF USER PREFERRED ROUTE BTN ASIA/SOUTHEAST ASIA AND NORTH AMERICA/HAWAII

1. OPR SHALL COMPLY WITH THE PUBLISHED GUIDANCE FOR FLT PLANNING USER PREFERRED ROUTES ASSOCIATED WITH PACOTS IN THE FUKUOKA AND ANCHORAGE OCEANIC FIRS.

(2) ALL EB PACOTS TRACKS HAVE USER PREFERRED ROUTE PROC EXC PACOTS TR 2. EB ACFT XNG 160E BTN 0900-1230

FM ASIA/SOUTHEAST ASIA TO NORTH AMERICA/HAWAII MAY FLT PLAN A USER PREFERRED ROUTE THAT REMAINS AT LEAST 50NM N OR S OF PACOTS TR 2. EB ACFT XNG 160E BTN 1230-0900 FM

ASIA/SOUTHEAST ASIA TO NORTH AMERICA/HAWAII MAY FLT PLAN A USER PREFERRED ROUTE WITHOUT REGARD FOR PACOTS TR 2.

END PART 1 OF 3

3. RULES OF OPR IN EACH AIRSPACE FOR WB USER PREFERRED ROUTE

(1) ALL WB PACOTS TR HAVE UPPER PROC EXC PACOTS TR C AND J. WB ACFT XNG 160E BTN 0230-0600 FM

NORTH AMERICA/HAWAII TO ASIA/SOUTHEAST ASIA MAY FLT PLAN A USER PREFERRED ROUTE THAT REMAINS AT LEAST 50NM N OR S OF PACOTS TR

C. WB ACFT XNG 160E BTN 1500-1800 FM

NORTH AMERICA TO ASIA/SOUTHEAST ASIA MAY FLT PLAN A USER PREFERRED ROUTE THAT REMAINS AT LEAST 50NM N OR S OF PACOTS TR J. WB ACFT

XNG 160E BTN 0600-1500 OR 1800-0230 FM NORTH

AMERICA/HAWAII TO ASIA/SOUTHEAST ASIA MAY FLT PLAN A USER PREFERRED ROUTE WITHOUT REGARD TO OTHER WB PACOTS.

4. OTHERS (1) THE USER PREFERRED ROUTES HAVE THE SAME PRIORITY FOR ALT ASSIGNMENT AS ACFT ON AN OPTIONAL PACOTS OR NOPAC TR. THERE IS

ONE EXC, OPR WHICH FLT PLAN A USER PREFERRED ROUTE THAT IS NOT Laterally Separated FM AN OPPOSITE **DIRECTION** PACOTS/NOPAC/USER

PREFERRED ROUTE TFC FLOW WILL LIKELY BE RESTRICTED VER WHILE IN CONFLICT WITH THE MAJOR TFC FLOW. (2) THE USER PREFERRED ROUTE

MUST BE PLANNED TO AVOID MIL SPECIAL USE AIRSPACE WHEN ACT.

END PART 2 OF 3

(3) OTHER COND THAT MAY NOT ALLOW THE USE OF USER PREFERRED

ROUTES AS FOLLOWS: (A) OPR WILL BE INFORMED BY NOTAM WHENEVER A COND EXISTS THAT DOES NOT ALLOW FOR THE USE OF USER PREFERRED

ROUTES WI KZAK FIR. THESE COND MAY INCLUDE MIL OPS, SPACE VEHICLE LAUNCHES OR ADVERSE WX.

PLEASE FORWARD ANY QUESTIONS TO THE OAKLAND OCEANIC AIRSPACE AND PROC OFFICE AT TEL 510-745-3320 MON-FRI 0700-1500 PST, OUTSIDE OF THESE HOURS EMAIL HOLLY.A.KING@FAA.GOV

F) SFC G) UNL

END PART 3 OF 3

A3135/20

G10, G8 ELFEE (ELF) **NDB**, AK TO DAYVU, AK NA EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.

ELF **NDB UNUSABLE** AT DAYVU AT 5000.

KZOA OAKLAND FIR/UIR

Please see section EXTENDED AREA AROUND DESTINATION

**[Company NOTAM]**

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CREW ALERT

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SB007/14

SUBJECT: AUTO COST INDEXES

WHEN PLANNING A COST INDEX, 2 OPTIONS ARE AVAILABLE. PILOTS MAY EITHER SELECT A SPECIFIC COST INDEX NUMBER FROM THE LIST, OR THEY MAY SELECT "AUTO". WHEN PLANNING AN "AUTO" COST INDEX, THE SYSTEM WILL REFERENCE THE SCHEDULED "TIME ENROUTE" OPTION AND ATTEMPT TO CHOOSE A COST INDEX WHICH CLOSELY MATCHES THIS VALUE. NOTE THAT THE "TIME ENROUTE" OPTION IS MEANT AS A GATE TO GATE TIME (AS INDICATED ON AN AIRLINE'S FLIGHT SCHEDULE, FOR EXAMPLE). IF A "TIME ENROUTE" OF 2:30 IS SELECTED, THE SYSTEM WILL SUBTRACT THE TAXI TIMES FROM THIS VALUE TO DETERMINE THE SCHEDULED AIR TIME. IT WILL THEN DETERMINE AND USE THE COST INDEX WHICH MATCHES THIS AIR TIME.

SB003/13

SUBJECT: FLIGHT RELEASE UNITS

ALL FLIGHT CREW: PLEASE PAY SPECIAL ATTENTION TO THE UNITS SELECTION WHEN GENERATING A FLIGHT PLAN. FAILURE TO IDENTIFY THE CORRECT UNITS WHEN REFUELING PRIOR TO FLIGHT CAN RESULT IN DEPARTING WITH INSUFFICIENT FUEL AND/OR AN ERRONEOUS PAYLOAD.

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CREW BULLETIN

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NIL

===== END OF LIDO-NOTAM-BULLETIN =====

