

RADIO FIX AND HOLDING DATA RECORD

NAME: CELIU

STATE: HI

COUNTRY: US

ICAO REGION CODE: PH

LATITUDE/LONGITUDE: 210612.69N/1561922.87W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	MAUI	OGG	VORTAC	H	014.00	025.00	13.00	13.00		3000	17500

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE
IAP

USE TITLE

VOR Z OR TACAN RWY 20

FAC

PAT

AIRPORT IDENT

PHOG

CITY

KAHULUI

STATE

HI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 04/25/2019

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5420

NAME: ANTHONY CAPPABIANCO

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

Digitally signed by

DAVID DANNER

Aug 02, 2019

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZHN

ATC FACILITY: HCF APP CON

OTHER:



RADIO FIX AND HOLDING DATA RECORD

NAME: DIPPS

STATE: HI

COUNTRY: US

ICAO REGION CODE: PH

LATITUDE/LONGITUDE: 204135.77N/1563454.62W

TYPE: INT, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	LANAI	LNK	VORTAC	H	090.00	101.00	22.18	22.18		3000	17500
2	MAUI	OGG	VORTAC	H	204.39	215.39	15.63	15.63		3000	17500
3	VALLEY ISLAND	VYI	NDB	MH	203.94	214.94		13.67		3000	17500

HOLDING:

HOLDING TYPE OF ACTION: CANCEL

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME DME	HOLDING ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	W	LNK	VORTAC	270.00	090.00	L	1	6000 17500	6 17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	204933.00N/1563342.00W	3606	4E

REASON FOR NONSTANDARD HOLDING:

PAT 1 PER ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

LANAI (FAC1) AND MAUI (FAC2) USED TO ESTABLISH FIX COORDINATES
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 PATTERN 1 OBSTACLE LOCATED 12,152 FEET INTO SECONDARY AREA - PRIMARY EQUIVALENT ELEVATION 2611 FEET.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	VOR RWY 20	1, 2	1	PHOG	KAHULUI	HI (US)
IAP	VOR/DME OR TACAN RWY 20	1, 2	1	PHOG	KAHULUI	HI (US)

REQUIRED CHARTING: MILITARY IAP, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8

DATE OF REVISION: 04/30/2015

REASON FOR REVISION:

REMOVED PHOG LOC/DME BC RWY 20 FROM FIX USE
 DELETED HOLDING PATTERN 1 AND CHANGED HOLDING PATTERN 2 TO SHOW AS PATTERN 1
 CHANGED VOR AND VOR/DME OR TACAN RWY 20 FROM HOLDING PATTERN 2 TO PATTERN 1
 DELETED KAHULUI LOC (I-OGG) FROM FIX MAKE UP FACILITY
 REMOVED ESV FOR I-OGG
 CHANGED VOR AND VOR/DME OR TACAN RWY 20 TO REFLECT FAC 1 AND 2 INSTEAD OF 1 AND 3

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE:

OFFICE:

NAME:

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE: *Digitally signed by*
DAVID DANNER

Aug 02, 2019

DISTRIBUTION:

NFDC
 FPO: WST
 ARTCC: ZHN
 ATC FACILITY: OGG APP CON/ATCT
 OTHER:

QUALITY
 29
 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: JNKOH

STATE: HI

COUNTRY: US

ICAO REGION CODE: PH

LATITUDE/LONGITUDE: 205300.91N/1561126.99W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	MAUI	OGG	VORTAC	H	085.00	096.00	13.00	13.00		7000	17500

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V15					(US)
EN ROUTE	V22					(US)
IAP	VOR Z OR TACAN RWY 20			PHOG	KAHULUI	HI (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 04/25/2019

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5420

NAME: ANTHONY CAPPABIANCO

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

Digitally signed by

SIGNATURE: **DAVID DANNER**

Aug 02, 2019

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZHN
ATC FACILITY: HCF APP CON
OTHER:

QUALITY
29
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MAUI VORTAC STATE: HI COUNTRY: US ICAO REGION CODE: PH
 LATITUDE/LONGITUDE: 205423.30N/1562515.42W TYPE:

AIRSPACE DOCKET: FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	MRA	MAA
1	MAUI	OGG	VORTAC	H						45000

FIX RESTRICTIONS:

MCA V24 6700 SOUTHWEST BOUND
 MCA V15 6800 WESTBOUND

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME DME	HOLDING ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	S	OGG	VORTAC	187.00	007.00	L	1	8000 17500	8 16

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	205336.00N/1563430.00W	5886	4E

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	370

REASON FOR NONSTANDARD HOLDING:

PAT 1 AVOID TERRAIN

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

ASSIGNED FACILITY MAG VAR: 11 DEGREES EAST.
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 PAT 1 FOR ATC USE.
 PAT 1 CONTROLLING OBSTACLE LOCATED 4075.62' INTO SECONDARY AREA, PRIMARY EQUIVALENT ELEVATION 5218'.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	MOLOKAI			PHNL	HONOLULU	HI (US)
DP	BEACH			PHOG	KAHULUI	HI (US)
DP	MAUI			PHOG	KAHULUI	HI (US)
DP	ONOH			PHOG	KAHULUI	HI (US)
DP	STACEY			PHOG	KAHULUI	HI (US)
DP	SWEET			PHOG	KAHULUI	HI (US)
DP	AMERY			PHKO	KAILUA-KONA	HI (US)
DP	BLUSH			PHMK	KAUNAKAKAI	HI (US)
EN ROUTE	R576					(US)
EN ROUTE	R577					(US)
EN ROUTE	V11					(US)
EN ROUTE	V15					(US)
EN ROUTE	V17					(US)
EN ROUTE	V22					(US)
EN ROUTE	V24					(US)
EN ROUTE	V6					(US)
EN ROUTE	V1					HI (US)
IAP	RNAV (GPS) RWY 26			PHHN	HANA	HI (US)
IAP	ILS OR LOC RWY 2			PHOG	KAHULUI	HI (US)
IAP	NDB RWY 2			PHOG	KAHULUI	HI (US)
IAP	SMOKE STACK VISUAL RWY 02			PHOG	KAHULUI	HI (US)
IAP	VOR Y RWY 20			PHOG	KAHULUI	HI (US)
IAP	VOR Z OR TACAN RWY 20			PHOG	KAHULUI	HI (US)
STAR	JULLE			PHNL	HONOLULU	HI (US)
STAR	MAGGI			PHNL	HONOLULU	HI (US)
STAR	SAKKI			PHNL	HONOLULU	HI (US)
STAR	CAMPS			PHOG	KAHULUI	HI (US)
STAR	KAYAK			PHKO	KAILUA/KONA	HI (US)
STAR	VECKI			PHKO	KAILUA/KONA	HI (US)

REQUIRED CHARTING: DP, STAR, MILITARY IAP, IAP, AREA, EN ROUTE LOW, EN ROUTE HIGH



COMPULSORY REPORTING POINT: LOW/HIGH

RECORD REVISION NUMBER: 17

DATE OF REVISION: 04/25/2019

REASON FOR REVISION:

COORDINATES CHANGED FROM 205423.22N/1562515.47W TO 205423.30N-1562515.42W, MOVED 9.36 FT NE.

CHANGED PHOG VOR RWY 20 TO VOR Y RWY 20 IN FIX USE.

CHANGED PHOG VOR/DME OR TACAN RWY 20 TO VOR Z OR TACAN RWY 20 IN FIX USE.

CHANGED HOLDING PATTERN LEG LENGTH FROM 1-1 1/2 TO 1.

ADDED PHHN RNAV (GPS) RWY 26 TO FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5420

NAME: ANTHONY CAPPABIANCO

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE: *Digitally signed by***DAVID DANNER**

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZHN

ATC FACILITY: OGG ATCT, HCF APP CON

OTHER:

Aug 02, 2019

A green circular stamp with the words "QUALITY" at the top, "29" in the center, and "CHECKED" at the bottom.

RADIO FIX AND HOLDING DATA RECORD

NAME: MIKEY STATE: HI COUNTRY: US ICAO REGION CODE: PH
 LATITUDE/LONGITUDE: 205853.99N/1562301.02W TYPE: DME

AIRSPACE DOCKET: FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FAC FEET	MRA	MAA
1	MAUI	OGG	VORTAC	H	014.00	025.00	4.96	4.96	30138	1700	9000

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:	USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP		VOR Z OR TACAN RWY 20			PHOG	KAHULUI	HI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 DATE OF REVISION: 04/25/2019

REASON FOR REVISION:

CHANGED FAC 1 MRA FROM 1500 TO 1700.
 CHANGED PHOG VOR/DME OR TACAN RWY 20 TO VOR Z OR TACAN RWY 20 IN FIX USE.
 REMOVED AIRSPACE DOCKET 94-AWP-2.
 CHANGED LAT/LONG FROM 205856.09N/1562259.98W TO 205853.99N/1562301.02W, MOVED 0.04 NM SW.
 CHANGED REMARK FROM NAD 83/WGS 84 TO PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 CHANGED DME DISTANCE FROM 5.00 TO 4.96.
 ADDED DIST FROM FAC IN NM AND FEET.
 DELETED MILITARY IAP FROM REQUIRED CHARTING.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-5420	NAME: ANTHONY CAPPABIANCO
APPROVED BY:	DATE:	OFFICE: AJV-5420	NAME: JULIE MORGAN

SIGNATURE: *Digitally signed by*
DAVID DANNER

DISTRIBUTION: NFDC
 FPO: WST
 ARTCC: ZHN
 ATC FACILITY: OGG ATCT, HCF APP CON
 OTHER:

QUALITY
 29
 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: OPANA STATE: HI COUNTRY: US ICAO REGION CODE: PH

LATITUDE/LONGITUDE: 205638.69N/1561134.75W TYPE: WP, DME

AIRSPACE DOCKET: FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	MAUI	OGG	VORTAC	H	069.00	080.00	13.00	13.00		5000	45000

HOLDING: HOLDING TYPE OF ACTION: MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	E	OGG	VORTAC	069.00	249.00	L		4	5000	17500	5	13

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	CATENARY (15-000281)	205252.00N/1561149.00W	1200	5E

REASON FOR NONSTANDARD HOLDING:

PAT 1 SEPARATE DEPARTURE/ARRIVAL ROUTES

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

MAUI (FAC 1) USED TO ESTABLISH FIX COORDINATES
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V11	1	1			(US)
IAP	RNAV (GPS) RWY 26			PHHN	HANA	HI (US)
IAP	RNAV (GPS) RWY 8			PHHN	HANA	HI (US)
IAP	VOR Z OR TACAN RWY 20	1		PHOG	KAHULUI	HI (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10 DATE OF REVISION: 04/25/2019

REASON FOR REVISION:

CHANGED PHOG VOR/DME OR TACAN RWY 20 TO VOR Z OR TACAN RWY 20 IN FIX USE.
ADDED CONTROLLER HIGH, CONTROLLER LOW TO REQUIRED CHARTING.
CHANGED LAT/LONG FROM 205638.61N/1561134.80W TO 205638.69N/1561134.75W, MOVED 9.36FT NE.
DELETED REMARK MAUI (FAC 1) USED TO ESTABLISH FIX COORDINATES.
CHANGED HOLDING PATTERN MAX PAT FROM 16 TO 13.
ADDED PHHN RNAV (GPS) RWY 8 TO FIX USE.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-5420	NAME: ANTHONY CAPPABIANCO
APPROVED BY:	DATE:	OFFICE: AJV-5420	NAME: JULIE MORGAN

SIGNATURE: Digitally signed by

DAVID DANNER

DISTRIBUTION: NFDC
FPO: WST
ARTCC: ZHN
ATC FACILITY: HCF APP CON
OTHER:

Aug 02, 2019

QUALITY
29
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ULUAA

STATE: HI

COUNTRY: US

ICAO REGION CODE: PH

LATITUDE/LONGITUDE: 210547.85N/1563159.84W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	MAUI	OGG	VORTAC	H	320.00	331.00	13.00	13.00		3000	17500

REMARKS:

PRECIPITOUS EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V22					(US)
EN ROUTE	V6					(US)
IAP	VOR Z OR TACAN RWY 20			PHOG	KAHULUI	HI (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 04/25/2019

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5420

NAME: ANTHONY CAPPABIANCO

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

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DAVID DANNER

DISTRIBUTION:

NFDC

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