

RADIO FIX AND HOLDING DATA RECORD

NAME: GREHG

STATE: HI

COUNTRY: US

ICAO REGION CODE: PH

LATITUDE/LONGITUDE: 203626.04N/1563028.65W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
IAP	ILS Z OR LOC Z RWY 2			PHOG	KAHULUI	HI (US)
IAP	RNAV (GPS) Y RWY 2			PHOG	KAHULUI	HI (US)
IAP	RNAV (RNP) Z RWY 2			PHOG	KAHULUI	HI (US)
STAR	LAVAS (RNAV)			PHOG	KAHULUI	HI (US)

REQUIRED CHARTING: STAR, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 01/27/2022

REASON FOR REVISION:
 ADDED ILS Z OR LOC Z RWY 2 AT PHOG TO FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: LIAM DONAHUE

APPROVED BY:

DATE: 08/12/2021

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: HOMAI **STATE:** HI **COUNTRY:** US **ICAO REGION CODE:** PH

LATITUDE/LONGITUDE: 205332.33N/1562023.47W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** NO CHANGE

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
SPECIAL IAP	RNAV VISUAL RWY 2			PHOG	KAHULUI	HI (US)
IAP	ILS Z OR LOC Z RWY 2			PHOG	KAHULUI	HI (US)
IAP	RNAV (GPS) Y RWY 2			PHOG	KAHULUI	HI (US)
IAP	RNAV (RNP) Z RWY 2			PHOG	KAHULUI	HI (US)
STAR	LNDHY (RNAV)			PHOG	KAHULUI	HI (US)

REQUIRED CHARTING: STAR, IAP, EN ROUTE LOW, SPECIAL IAP, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 01/27/2022

REASON FOR REVISION:
ADDED ILS Z OR LOC Z RWY 2 AT PHOG TO FIX USE.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A431	NAME: LIAM DONAHUE
APPROVED BY:	DATE: 08/12/2021	OFFICE: AJV-A430	NAME: LONNIE EVERHART
SIGNATURE:			

RADIO FIX AND HOLDING DATA RECORD

NAME: JUBEG

STATE: HI

COUNTRY: US

ICAO REGION CODE: PH

LATITUDE/LONGITUDE: 204548.07N/1562606.83W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
IAP

USE TITLE
ILS Z OR LOC Z RWY 2

FAC

PAT

AIRPORT IDENT
PHOG

CITY
KAHULUI

STATE
HI (US)

REQUIRED CHARTING: IAP, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 01/27/2022

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5431

NAME: LIAM DONAHUE

APPROVED BY:

DATE: 08/12/2021

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: KEIKI **STATE:** HI **COUNTRY:** US **ICAO REGION CODE:** PH

LATITUDE/LONGITUDE: 204109.13N/1564042.26W **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 FAC NM	MRA	MAA
1	LANAI	LNK	VORTAC	H	095.00	106.00	17.00	17.00	5000	45000

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

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	275.00	095.00	R	1	5000 17500	6 17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	204706.00N/1565130.00W	2326	4E

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
HOLDING PATTERN OBSTRUCTION LOCATED 1.98 NM INTO SECONDARY AREA.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V2	1				(US)
EN ROUTE	V21	1				(US)
IAP	ILS Z OR LOC Z RWY 2			PHOG	KAHULUI	HI (US)
IAP	RNAV (GPS) Y RWY 2			PHOG	KAHULUI	HI (US)
IAP	RNAV (RNP) Z RWY 2			PHOG	KAHULUI	HI (US)
IAP	VOR Z OR TACAN RWY 20	1	1	PHOG	KAHULUI	HI (US)
STAR	CAMPS	1		PHOG	KAHULUI	HI (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 18 **DATE OF REVISION:** 10/05/2023

REASON FOR REVISION:

REMOVED INT FROM FIX TYPE
REMOVED FAC 2 (VYI NDB) FROM FIX MAKE-UP FACILITIES
REMOVED VOR Y RWY 20 FROM FIX USE
REMOVED "LANAI (FAC 1) AND VALLEY ISLAND (FAC 2) USED TO ESTABLISH FIX COORDINATES"

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A432	NAME: JOSEPH BLANCO
APPROVED BY:	DATE: 10/05/2023	OFFICE: AJV-A430	NAME: JOHNNIE BAKER
SIGNATURE:			

RADIO FIX AND HOLDING DATA RECORD

NAME: KRANE

STATE: HI

COUNTRY: US

ICAO REGION CODE: PH

LATITUDE/LONGITUDE: 210508.44N/1561723.40W

TYPE: WP, DME

AIRSPACE DOCKET:
FIX TYPE OF ACTION: NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	MAUI	OGG	VORTAC	H	023.47	034.47	13.00	13.00		3000	6000

HOLDING:
HOLDING TYPE OF ACTION: NO CHANGE

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	NE		WP	023.96	203.96	R		4	3000	6000	5	6
2	NE	OGG	VORTAC	023.47	203.47	R	1		3000	6000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	SHIP	210400.81N/1561905.73W	208	2C
2	200	SHIP	210400.81N/1561905.73W	208	2C

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS Y OR LOC Y RWY 2	1	2	PHOG	KAHULUI	HI (US)
IAP	ILS Z OR LOC Z RWY 2	1	2	PHOG	KAHULUI	HI (US)
IAP	RNAV (GPS) Y RWY 2		1	PHOG	KAHULUI	HI (US)
IAP	RNAV (RNP) Z RWY 2		1	PHOG	KAHULUI	HI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11

DATE OF REVISION: 01/27/2022

REASON FOR REVISION:

CHANGED ILS OR LOC RWY 2 TO ILS Z OR LOC Z RWY 2 AND ADDED ILS Y OR LOC Y RWY 2 ALL AT PHOG TO FIX USE.

INITIATED BY:
DATE:
ORGANIZATION:
NAME:
OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: LIAM DONAHUE

APPROVED BY:
DATE: 08/12/2021

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

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: 19-AWP-80

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

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

FIX RESTRICTIONS:

MCA V15 6800 WESTBOUND
MCA V22 6300 EASTBOUND
MCA T342 7200 SOUTHBOUND

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: 11E / 1990.
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	SWEEP			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	T342					(US)
EN ROUTE	V1					(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)
IAP	RNAV (GPS) RWY 8			PHHN	HANA	HI (US)
IAP	ILS Y OR LOC Y RWY 2			PHOG	KAHULUI	HI (US)
IAP	ILS Z OR LOC Z RWY 2			PHOG	KAHULUI	HI (US)
IAP	SMOKE STACK VISUAL RWY 2			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, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 23

DATE OF REVISION: 05/16/2024

INFORMATION ONLY**REASON FOR REVISION:**

AIRSPACE DOCKET: ADDED 19-AWP-80.

FIX RESTRICTIONS: ADDED MCA T342 7200 SOUTHBOUND. REMOVED MCA V24 6700 SOUTHWEST BOUND - NOT DOCUMENTED IN PART 95 OR CHARTED.

HOLDING RESTRICTIONS: CHANGED PATTERN(S) TO PATTERN.

REMARKS: CHANGED ASSIGNED FACILITY MAG VAR: 11 DEGREES EAST TO 11E / 1990.

FIX USE: ADDED T342. REMOVED FAC 1 FROM PHOG ILS Y OR LOC Y RWY 2 AND ILS Z OR LOC Z RWY 2.

REQUIRED CHARTING: REMOVED AREA.

INITIATED BY:**DATE:****ORGANIZATION:****NAME:****OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A423

NAME: BARRY SMITH**APPROVED BY:****DATE:** 11/30/2023**OFFICE:** AJV-A423**NAME:** ALLAN WILL**SIGNATURE:**

RADIO FIX AND HOLDING DATA RECORD

NAME: NOWAK

STATE: HI

COUNTRY: US

ICAO REGION CODE: PH

LATITUDE/LONGITUDE: 205029.56N/1562818.23W

TYPE: RADAR, 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	KAHULUI	I-OGG	LOC/DME		203.98	214.98	4.79	4.79	29105	1120	4500

HOLDING:
HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS Y OR LOC Y RWY 2	1		PHOG	KAHULUI	HI (US)
IAP	ILS Z OR LOC Z RWY 2	1		PHOG	KAHULUI	HI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 10/02/2025

REASON FOR REVISION:

FIX MOVED 22.74FT SW PER FPT REQUEST.
 UPDATED FIX MAKE-UP FAC 1 KAHULUI.

INITIATED BY:
DATE:
ORGANIZATION:
NAME:
OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: TROY PURNELL

APPROVED BY:
DATE: 08/28/2025

OFFICE: AJV-A433

NAME: ROBERT HAMILTON

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: TEBBS

STATE: HI

COUNTRY: US

ICAO REGION CODE: PH

LATITUDE/LONGITUDE: 204726.93N/1563033.99W

TYPE: RADAR, 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	KAHULUI	I-OGG	LOC/DME		203.98	214.98	8.49	8.49	51586	2400	4500

HOLDING:
HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS Y OR LOC Y RWY 2	1		PHOG	KAHULUI	HI (US)
IAP	ILS Z OR LOC Z RWY 2	1		PHOG	KAHULUI	HI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 10/02/2025

REASON FOR REVISION:

FIX MOVED 9.98 FT NE PER FPT REQUEST.
UPDATED FIX MAKE-UP FAC 1 KAHULUI.

INITIATED BY:
DATE:
ORGANIZATION:
NAME:
OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: TROY PURNELL

APPROVED BY:
DATE: 08/28/2025

OFFICE: AJV-A433

NAME: ROBERT HAMILTON

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: YEVLU

STATE: HI

COUNTRY: US

ICAO REGION CODE: PH

LATITUDE/LONGITUDE: 203925.55N/1563051.18W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
IAP

USE TITLE
ILS Z OR LOC Z RWY 2

FAC

PAT

AIRPORT IDENT
PHOG

CITY
KAHULUI

STATE
HI (US)

REQUIRED CHARTING: IAP, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 01/27/2022

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: LIAM DONAHUE

APPROVED BY:

DATE: 04/01/2021

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE: