

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** CORBU

**STATE:** HI

**COUNTRY:** US

**ICAO REGION CODE:** PH

**LATITUDE/LONGITUDE:** 204202.69N/1562859.76W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** MODIFY

**HOLDING:**

**HOLDING TYPE OF ACTION:**

**FIX USE:**

**USE TYPE**  
IAP

**USE TITLE**  
RNAV (GPS) Y RWY 2

**FAC**

**PAT**

**AIRPORT IDENT**  
PHOG

**CITY**  
KAHULUI

**STATE**  
HI (US)

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 1

**DATE OF REVISION:** 09/08/2022

**REASON FOR REVISION:**

1. FIX LAT/LONGS CHANGED FROM 204210.10N/1562854.26W TO 204202.69N/1562859.76W - FIX MOVED 912 FT SOUTHWEST

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A423

**NAME:** KELLIE BARNES

**APPROVED BY:**

**DATE:** 09/08/2022

**OFFICE:** AJV-A420

**NAME:** MARLON ROBINSON

**SIGNATURE:**

# 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 TYPE

IAP  
IAP  
IAP  
STAR

### USE TITLE

ILS Z OR LOC Z RWY 2  
RNAV (GPS) Y RWY 2  
RNAV (RNP) Z RWY 2  
LAVAS (RNAV)

### FAC

### PAT

### AIRPORT IDENT

PHOG  
PHOG  
PHOG  
PHOG

### CITY

KAHULUI  
KAHULUI  
KAHULUI  
KAHULUI

### STATE

HI (US)  
HI (US)  
HI (US)  
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 TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
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:** JINAS

**STATE:** HI

**COUNTRY:** US

**ICAO REGION CODE:** PH

**LATITUDE/LONGITUDE:** 205014.31N/1562829.57W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** MODIFY

**HOLDING:**

**HOLDING TYPE OF ACTION:**

**FIX USE:**

**USE TYPE**  
IAP

**USE TITLE**  
RNAV (GPS) Y RWY 2

**FAC**

**PAT**

**AIRPORT IDENT**  
PHOG

**CITY**  
KAHULUI

**STATE**  
HI (US)

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 1

**DATE OF REVISION:** 06/20/2019

**REASON FOR REVISION:**

FIX MOVED .90 NM - DESCENT GRADIENT (CHANGED FROM 3.46 TO 3.20), TCH CHANGE FROM 65 TO 62.3.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A431

**NAME:** ROBERT GRIM

**APPROVED BY:**

**DATE:** 05/10/2019

**OFFICE:** AJV-A43

**NAME:** PATRICK MULQUEEN

**SIGNATURE:**

**DISTRIBUTION:**

**NFDC**  
**FPO:** WST  
**ARTCC:** ZHN  
**ATC FACILITY:** HCF APP CON, OGG TOWER  
**OTHER:**

# 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"

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

# 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	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: SABAE

STATE: HI

COUNTRY: US

ICAO REGION CODE: PH

LATITUDE/LONGITUDE: 204720.27N/1563038.94W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE  
IAP

USE TITLE  
RNAV (GPS) Y RWY 2

FAC

PAT

AIRPORT IDENT  
PHOG

CITY  
KAHULUI

STATE  
HI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 09/08/2022

REASON FOR REVISION:

1. FIX LAT/LONGS CHANGED FROM 204719.97N/1563039.16W TO 204720.27N/1563038.94W - FIX MOVED 37 FEET NORTHEAST TO CALCULATED PFAF LOCATION BASED ON CURRENT RUNWAY DATA IN AIRNAV

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: KELLIE BARNES

APPROVED BY:

DATE: 09/08/2022

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** WUNAT

**STATE:** HI

**COUNTRY:** US

**ICAO REGION CODE:** PH

**LATITUDE/LONGITUDE:** 204430.51N/1563244.89W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** MODIFY

**HOLDING:**

**HOLDING TYPE OF ACTION:** NO CHANGE

**FIX USE:**

**USE TYPE**  
IAP

**USE TITLE**  
RNAV (GPS) Y RWY 2

**FAC**

**PAT**

**AIRPORT IDENT**  
PHOG

**CITY**  
KAHULUI

**STATE**  
HI (US)

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 1

**DATE OF REVISION:** 09/08/2022

**REASON FOR REVISION:**

1. FIX LAT/LONGS CHANGED FROM 204438.02N/1563239.39W TO 204430.51N/1563244.89W - FIX MOVED 920 FEET SOUTHWEST

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A423

**NAME:** KELLIE BARNES

**APPROVED BY:**

**DATE:** 09/08/2022

**OFFICE:** AJV-A420

**NAME:** MARLON ROBINSON

**SIGNATURE:**



# RADIO FIX AND HOLDING DATA RECORD

NAME: ZETMA

STATE: HI

COUNTRY: US

ICAO REGION CODE: PH

LATITUDE/LONGITUDE: 204851.57N/1562353.77W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE  
IAP

USE TITLE  
RNAV (GPS) Y RWY 2

FAC

PAT

AIRPORT IDENT  
PHOG

CITY  
KAHULUI

STATE  
HI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 06/20/2019

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: ROBERT GRIM

APPROVED BY:

DATE: 05/10/2019

OFFICE: AJV-A43

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZHN

ATC FACILITY: HCF APP CON, OGG TOWER

OTHER: