

# RADIO FIX AND HOLDING DATA RECORD

NAME: INECE

STATE: HI

COUNTRY: US

ICAO REGION CODE: PH

LATITUDE/LONGITUDE: 194814.33N/1560232.21W

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	KONA	KOA	VORTAC	H	350.65	001.65	5.19	5.19	31517	900	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	VOR OR TACAN RWY 17	1		PHKO	KAILUA/KONA	HI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 02/20/2025

## REASON FOR REVISION:

1. UPDATED FIX COORDINATES FROM "194814.51N/1560232.20W" TO "194814.33N/1560232.21W", FIX MOVED 18.66 FT SOUTH.
2. ADDED FIX MAKE-UP FAC 1 DIST FROM FAC FEET "31517", UPDATED MRA ROM "1100" TO "900".
3. UPDATED FIX USE PHKO TITLE FROM "VOR/DME OR TACAN RWY 17" TO "VOR OR TACAN RWY 17", ADDED "FAC 1".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: DANIEL WESTON

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A422

NAME: RAKE MCGRAW

SIGNATURE: *Digitally signed by*

**RAKE MCGRAW**

Jan 13, 2025

QUALITY  
25  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: KAYAK

STATE: HI

COUNTRY: US

ICAO REGION CODE: PH

LATITUDE/LONGITUDE: 195443.96N/1560220.33W

TYPE: INT, 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	KONA	KOA	VORTAC	H	350.65	001.65	11.66	11.66		1500	17500
2	KAMUELA	MUE	VOR/DME	H	245.25	256.25	21.48	21.48		3000	17500

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
MUE	VOR/DME	R-245	22	3000	3700

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	N	KOA	VORTAC	350.65	170.65	L	1		1500	6000	4	6

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	SHIP	195443.96N/1560220.33W	208	2C

## REASON FOR NONSTANDARD HOLDING:

PAT 1 AIRWAY V5

## REMARKS:

KONA (FAC 1) AND KAMUELA (FAC 2) USED TO ESTABLISH FIX COORDINATES.  
DME HOLDING ONLY BELOW 3000.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	VOR OR TACAN RWY 17	1, 2	1	PHKO	KAILUA/KONA	HI (US)
STAR	KAYAK	1, 2	1	PHKO	KAILUA/KONA	HI (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11

DATE OF REVISION: 02/20/2025

## REASON FOR REVISION:

1. UPDATED FIX USE PHKO TITLE FROM "VOR/DME OR TACAN RWY 17" TO "VOR OR TACAN RWY 17".
2. UPDATED REQUIRED CHARTING FROM "CONTROLLER" TO "CONTROLLER LOW", AND REMOVED "MILITARY IAP"
3. UPDATED HOLDING PAT 1, TEMPLATE MIN FROM "7" TO "4", AND TEMPLATE MAX FROM "9" TO "6".
4. UPDATED CONTROLLING OBSTRUCTION AIRSPEED / COORDINATES / ACCURACY CODE FROM "265 / 200000.00N/1560000.00W / 4E" TO "200 / 195443.96N/1560220.33W / 2C".
5. REMOVED FIX USE "HI-VOR/DME OR TACAN RWY 17".

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OFFICE: AJV-A422

NAME: RAKE MCGRAW

SIGNATURE: Digitally signed by

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# RADIO FIX AND HOLDING DATA RECORD

NAME: KEANY

STATE: HI

COUNTRY: US

ICAO REGION CODE: PH

LATITUDE/LONGITUDE: 195758.29N/1554826.48W

TYPE: INT, 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 NM	FAC FEET	MRA	MAA
1	KAMUELA	MUE	VOR/DME	H	245.25	256.25	8.00	8.00		6800	17500
2	UPOLU POINT	UPP	VORTAC	H	160.76	171.76		14.15		5000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

KAMUELA (FAC 1) AND UPOLU POINT (FAC 2) USED TO ESTABLISH FIX COORDINATES.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	VOR OR TACAN RWY 17	1, 2		PHKO	KAILUA/KONA	HI (US)
STAR	KAYAK	1, 2		PHKO	KAILUA-KONA	HI (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8

DATE OF REVISION: 02/20/2025

## REASON FOR REVISION:

1. UPDATED FIX USE PHKO TITLE FROM "VOR/DME OR TACAN RWY 17" TO "VOR OR TACAN RWY 17".
2. UPDATED REMARKS FROM "KAMUELA (FAC 1) USED TO ESTABLISH FIX COORDINATES" TO "KAMUELA (FAC 1) AND UPOLU POINT (FAC 2) USED TO ESTABLISH FIX COORDINATES".

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OFFICE OF PRIMARY RESPONSIBILITY:

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# RADIO FIX AND HOLDING DATA RECORD

NAME: MALIA

STATE: HI

COUNTRY: US

ICAO REGION CODE: PH

LATITUDE/LONGITUDE: 195603.20N/1555641.26W

TYPE: WP, INT, 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 NM	FAC FEET	MRA	MAA
1	KAMUELA	MUE	VOR/DME	H	245.25	256.25	16.00	16.00		3800	17500
2	UPOLU POINT	UPP	VORTAC	H	188.83	199.83	16.92	16.92		3000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

KAMUELA (FAC 1) AND UPOLU POINT (FAC 2) USED TO ESTABLISH FIX COORDINATES.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	VOR OR TACAN RWY 17	1, 2		PHKO	KAILUA/KONA	HI (US)
STAR	KAYAK	1, 2		PHKO	KAILUA/KONA	HI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 02/20/2025

## REASON FOR REVISION:

1. UPDATED FIX USE PHKO TITLE FROM "VOR/DME OR TACAN RWY 17" TO "VOR OR TACAN RWY 17".
2. ADDED REMARK "KAMUELA (FAC 1) AND UPOLU POINT (FAC 2) USED TO ESTABLISH FIX COORDINATES".

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# RADIO FIX AND HOLDING DATA RECORD

NAME: NENVE

STATE: HI

COUNTRY: US

ICAO REGION CODE: PH

LATITUDE/LONGITUDE: 194513.82N/1560237.70W

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 NM	FAC FEET	MRA	MAA
1	KONA	KOA	VORTAC	H	350.65	001.65	2.19	2.19		500	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	VOR OR TACAN RWY 17	1		PHKO	KAILUA/KONA	HI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 02/20/2025

## REASON FOR REVISION:

1. UPDATED FIX USE PHKO TITLE FROM "VOR/DME OR TACAN RWY 17" TO "VOR OR TACAN RWY 17".
2. FIX MOVED 162 FT WEST TO 194513.8238N/1560237.7041W.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: DANIEL WESTON

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A422

NAME: RAKE MCGRAW

SIGNATURE:

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Jan 13, 2025



# RADIO FIX AND HOLDING DATA RECORD

NAME: SODZE

STATE: HI

COUNTRY: US

ICAO REGION CODE: PH

LATITUDE/LONGITUDE: 200244.42N/1555654.59W

TYPE: WP, INT, 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	FAC FEET	MRA	MAA
1	UPOLU POINT	UPP	VORTAC	H	201.71	212.71	11.00	11.00		5700	17500
2	KAMUELA	MUE	VOR/DME	H	269.30	280.30		16.00		5700	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

UPOLU POINT (FAC 1) AND KAMUELA (FAC 2) USED TO ESTABLISH FIX COORDINATES.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) Y RWY 17			PHKO	KAILUA-KONA	HI (US)
IAP	RNAV (RNP) Z RWY 17			PHKO	KAILUA/KONA	HI (US)
IAP	VOR OR TACAN RWY 17	1, 2		PHKO	KAILUA/KONA	HI (US)
STAR	KAYAK	1, 2		PHKO	KAILUA/KONA	HI (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 02/20/2025

## REASON FOR REVISION:

1. UPDATED FIX USE PHKO TITLE FROM "VOR/DME OR TACAN RWY 17" TO "VOR OR TACAN RWY 17", ADDED "FAC 2".
2. ADDED REMARK "UPOLU POINT (FAC 1) AND KAMUELA (FAC 2) USED TO ESTABLISH FIX COORDINATES".

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