

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 195851.61N/1550759.70W **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	HILO	ITO	VORTAC	H	325.00	336.00	16.99	16.99		3000	45000
2	UPOLU POINT	UPP	VORTAC	H	097.00	108.00	42.19	42.19		8000	45000

FIX RESTRICTIONS:

MRA V16 8000

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	NW		WP	325.00	145.00	L	4	5000 14000	7 12

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	200' AAO	195421.00N/1551306.00W	2638	4D

REASON FOR NONSTANDARD HOLDING:

PAT 1 TERRAIN AVOIDANCE.

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN CANNOT BE EVALUATED BECAUSE MOST OF THE PATTERN IS OVER WATER.
HOLDING PAT 1 RETAINED PER ATC REQUEST.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V15					(US)
EN ROUTE	V16					(US)
EN ROUTE	V2					(US)
IAP	RNAV (GPS) RWY 21			PHTO	HILO	HI (US)
IAP	RNAV (GPS) RWY 26			PHTO	HILO	HI (US)
IAP	VOR/DME OR TACAN-A	1, 2		PHTO	HILO	HI (US)

REQUIRED CHARTING: MILITARY IAP, IAP, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7 **DATE OF REVISION:** 01/03/2019

REASON FOR REVISION:

PAT 1 REMOVED FROM RNAV (GPS) RWY 26 FIX USE.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**

OFFICE OF PRIMARY RESPONSIBILITY: AJV-5433 **NAME:** HOWARD HAWKINS

APPROVED BY: **DATE:** **OFFICE:** AJV-5430 **NAME:** PATRICK MULQUEEN

SIGNATURE:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: CEKOB

STATE: HI

COUNTRY: US

ICAO REGION CODE: PH

LATITUDE/LONGITUDE: 194316.43N/1545005.81W

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) RWY 26

FAC

PAT

AIRPORT IDENT
PHTO

CITY
HILO

STATE
HI (US)

REQUIRED CHARTING: MILITARY IAP, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 01/03/2019

REASON FOR REVISION:

REMOVED FAC 1.
REFORMATTED FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5433

NAME: HOWARD HAWKINS

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZHN
ATC FACILITY: HTO APP CON,HTO ATCT
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: COGDA

STATE: HI

COUNTRY: US

ICAO REGION CODE: PH

LATITUDE/LONGITUDE: 194917.79N/1545005.28W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 21

FAC

PAT

AIRPORT IDENT
PHTO

CITY
HILO

STATE
HI (US)

REQUIRED CHARTING: MILITARY IAP, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 01/03/2019

REASON FOR REVISION:

FAC 1 REMOVED.

RNAV(GPS) RWY 26 REMOVED FROM FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5433

NAME: HOWARD HAWKINS

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZHN

ATC FACILITY: HTO ATCT; HTO APP CON

OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: FAMOP

STATE: HI

COUNTRY: US

ICAO REGION CODE: PH

LATITUDE/LONGITUDE: 194315.85N/1544344.21W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP
IAP

USE TITLE
RNAV (GPS) RWY 21
RNAV (GPS) RWY 26

FAC	PAT	AIRPORT IDENT	CITY
		PHTO	HILO
		PHTO	HILO

STATE
HI (US)
HI (US)

REQUIRED CHARTING: MILITARY IAP, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 01/03/2019

REASON FOR REVISION:

FAC 1 REMOVED.
FIX USE REFORMATTED.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5433

NAME: HOWARD HAWKINS

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZHN
ATC FACILITY: HTO APP CON, HTO ATCT
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: GEBNE

STATE: HI

COUNTRY: US

ICAO REGION CODE: PH

LATITUDE/LONGITUDE: 193838.73N/1543003.03W

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	HILO	ITO	VORTAC	H	088.00	099.00	29.25	29.25		2000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V-15	1				(US)
IAP	RNAV (GPS) RWY 26			PHTO	HILO	HI (US)

REQUIRED CHARTING: MILITARY IAP, IAP, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 11/10/2016

REASON FOR REVISION:

REMOVED FAC 2
UPDATED FIX USE
CHANGED DISTRIBUTION FPO FROM LAX TO WST
ADDED ENROUTE LOW TO REQUIRED CHARTING
UPDATED FAC 1 DIST FROM NM

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 06/22/2016

OFFICE: AJV-5431

NAME: BRYAN BLUE

APPROVED BY:

DATE: 09/14/2016

OFFICE: AJV-5430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: HAKRI

STATE: HI

COUNTRY: US

ICAO REGION CODE: PH

LATITUDE/LONGITUDE: 194923.68N/1543003.03W

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	HILO	ITO	VORTAC	H	067.00	078.00	29.50	29.50		2000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V22					(US)
IAP	RNAV (GPS) RWY 21			PHTO	HILO	HI (US)
IAP	RNAV (GPS) RWY 26			PHTO	HILO	HI (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 02/06/2014

REASON FOR REVISION:

ADDED NM DIST FROM FAC 1.
REMOVED FAC 2.
RAISED FAC 1 MAA FROM 17500 TO 45000.
UPDATED FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 09/18/2013

OFFICE: AJV-354

NAME: DAVID DOWLING

APPROVED BY:

DATE: 02/06/2014

OFFICE: AJV-354

NAME: LARRY STROUT

SIGNATURE:

DISTRIBUTION:

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