

# RADIO FIX AND HOLDING DATA RECORD

NAME: CHINE

STATE: HI

COUNTRY: US

ICAO REGION CODE: PH

LATITUDE/LONGITUDE: 203052.30N/1560309.23W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:  
USE TYPE  
STAR

USE TITLE  
LYCHI (RNAV)

FAC PAT

AIRPORT IDENT CITY  
PHTO HILO

STATE  
HI (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 07/16/2020

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A442

NAME: JOSEPH ZEDER

APPROVED BY:

DATE:

OFFICE: AJV-A440

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

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

*Digitally signed by*  
**ROBERT G HAMILTON**  
Nov 24, 2020

QUALITY  
16  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: GOBOZ

STATE: HI

COUNTRY: US

ICAO REGION CODE: PH

LATITUDE/LONGITUDE: 203602.61N/1561541.42W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:  
USE TYPE  
STAR

USE TITLE  
LYCHI (RNAV)

FAC PAT

AIRPORT IDENT CITY  
PHTO HILO

STATE  
HI (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 07/16/2020

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A442

NAME: JOSEPH ZEDER

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NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

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

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**ROBERT G HAMILTON**  
Nov 24, 2020

QUALITY  
16  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: LONOH

STATE: HI

COUNTRY: US

ICAO REGION CODE: PH

LATITUDE/LONGITUDE: 202158.13N/1554140.54W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:  
USE TYPE  
STAR

USE TITLE  
LYCHI (RNAV)

FAC

PAT

AIRPORT IDENT  
PHTO

CITY  
HILO

STATE  
HI (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 07/16/2020

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A442

NAME: JOSEPH ZEDER

APPROVED BY:

DATE:

OFFICE: AJV-A440

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

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

*Digitally signed by*  
**ROBERT G HAMILTON**  
Nov 24, 2020

QUALITY  
16  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: LYCHI

STATE: HI

COUNTRY: US

ICAO REGION CODE: PH

LATITUDE/LONGITUDE: 200654.43N/1550945.63W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:  
USE TYPE  
STAR

USE TITLE  
LYCHI (RNAV)

FAC

PAT

AIRPORT IDENT  
PHTO

CITY  
HILO

STATE  
HI (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 07/16/2020

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A442

NAME: JOSEPH ZEDER

APPROVED BY:

DATE:

OFFICE: AJV-A440

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

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

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**ROBERT G HAMILTON**  
Nov 24, 2020

QUALITY  
16  
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# RADIO FIX AND HOLDING DATA RECORD

NAME: NOMEA

STATE: HI

COUNTRY: US

ICAO REGION CODE: PH

LATITUDE/LONGITUDE: 203032.54N/1551000.09W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:  
USE TYPE  
STAR

USE TITLE  
LYCHI (RNAV)

FAC

PAT

AIRPORT IDENT  
PHTO

CITY  
HILO

STATE  
HI (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 07/16/2020

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: JOSEPH ZEDER

APPROVED BY:

DATE:

OFFICE: AJV-A440

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

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

*Digitally signed by*  
**ROBERT G HAMILTON**  
Nov 24, 2020

QUALITY  
16  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 201007.16N/1551318.90W 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	29.28	29.28		4000	45000
2	UPOLU POINT	UPP	VORTAC	H	082.00	093.00	35.12	35.12		4000	45000
3	PAHOA	POA	NDB	H	328.41	339.41		40.18		4000	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	NW	ITO	VORTAC	325.00	145.00	L	1		4000	14000	6	12
2	NW	POA	NDB	328.41	148.41	L	1		5000	14000	7	12

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	SHIP	200930.00N/1551024.00W	208	2C
2	200	SHIP	200930.00N/1551024.00W	208	2C

## REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST.  
PAT 2 ATC REQUEST.

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	PARIS (OBSTACLE) DP	1, 2, 3		PHTO	HILO	HI (US)
EN ROUTE	V15	1				(US)
EN ROUTE	V2	1, 2				(US)
EN ROUTE	V3					(US)
IAP	VOR/DME OR TACAN-A	1		PHTO	HILO	HI (US)
STAR	LYCHI (RNAV)			PHTO	HILO	HI (US)

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

COMPULSORY REPORTING POINT: LOW/HIGH

RECORD REVISION NUMBER: 9 DATE OF REVISION: 02/25/2021

## REASON FOR REVISION:

FIX USE: ADD LYCHI (RNAV) STAR TO PHTO.  
CHARTING: ADDED STAR, CONTROLLER LOW/HIGH AND ENROUTE HIGH.

12/15/2020: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 11/24/2020.  
1. ADDED LOW/HIGH TO COMPULSORY REPORTING POINT.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A442	NAME: JOSEPH ZEDER
APPROVED BY:	DATE:	OFFICE: AJV-A440	NAME: PATRICK MULQUEEN
SIGNATURE:		Digitally signed by <b>DAVID DANNER</b>	
DISTRIBUTION:	Dec 15, 2020		

NFDC  
FPO: SEA  
ARTCC: ZHN  
ATC FACILITY: ITO  
OTHER: HCF



# RADIO FIX AND HOLDING DATA RECORD

NAME: POHOU

STATE: HI

COUNTRY: US

ICAO REGION CODE: PH

LATITUDE/LONGITUDE: 203957.02N/1562511.93W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:  
USE TYPE  
STAR

USE TITLE  
LYCHI (RNAV)

FAC

PAT

AIRPORT IDENT  
PHTO

CITY  
HILO

STATE  
HI (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 07/16/2020

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A442

NAME: JOSEPH ZEDER

APPROVED BY:

DATE:

OFFICE: AJV-A440

NAME: PATRICK MULQUEEN

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NFDC  
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ATC FACILITY: HTO ATCT, HTO APP CON  
OTHER:

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**ROBERT G HAMILTON**  
Nov 24, 2020

QUALITY  
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# RADIO FIX AND HOLDING DATA RECORD

NAME: ZIMPA

STATE: HI

COUNTRY: US

ICAO REGION CODE: PH

LATITUDE/LONGITUDE: 203043.45N/1553547.60W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:  
USE TYPE  
STAR

USE TITLE  
LYCHI (RNAV)

FAC

PAT

AIRPORT IDENT  
PHTO

CITY  
HILO

STATE  
HI (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 07/16/2020

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