

RADIO FIX AND HOLDING DATA RECORD

NAME: AHHEE

STATE: OP

COUNTRY: US

ICAO REGION CODE: P

LATITUDE/LONGITUDE: 235127.83N/1555552.55W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
STAR

USE TITLE
KAENA (RNAV)

FAC

PAT

AIRPORT IDENT
HNL/PHNL

CITY
HONOLULU

STATE
HI (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/16/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: DANIEL WESTON

APPROVED BY:

DATE: 03/21/2024

OFFICE: AJV-A33

NAME: JOHN BORDY

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: BECAN

STATE: OP

COUNTRY: US

ICAO REGION CODE: P

LATITUDE/LONGITUDE: 224441.00N/1564042.00W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
STAR

USE TITLE
KAENA (RNAV)

FAC

PAT

AIRPORT IDENT
HNL/PHNL

CITY
HONOLULU

STATE
HI (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 10/20/2011

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 01/07/2011

OFFICE: AVN-130

NAME: CHARLES SCHNEIDER

APPROVED BY:

DATE: 08/23/2011

OFFICE: AVN-130

NAME: DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZHN
ATC FACILITY: HCF TOWER
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: BITTA **STATE:** OP **COUNTRY:** US **ICAO REGION CODE:** P
LATITUDE/LONGITUDE: 233140.91N/1552843.81W **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	FAC FEET	MRA	MAA
1	MOLOKAI	MKK	VORTAC	H	022.00	033.00	171.00	171.00		21000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
MKK	VORTAC	R-022	171	21000	45000

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	R464	1				(US)
STAR	INOYI (RNAV)			HNL/PHNL	HONOLULU	HI (US)
STAR	KAENA (RNAV)			HNL/PHNL	HONOLULU	HI (US)
STAR	MAGGI	1		HNL/PHNL	HONOLULU	HI (US)
STAR	SYMIN (RNAV)			HNL/PHNL	HONOLULU	HI (US)
STAR	LNDHY (RNAV)			OGG/PHOG	KAHULUI	HI (US)

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

COMPULSORY REPORTING POINT: HIGH

RECORD REVISION NUMBER: 7 **DATE OF REVISION:** 01/30/2020

REASON FOR REVISION:

ADDED SYMIN (RNAV) AND INOYI (RNAV) STARS TO FIX USE.

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A442 **NAME:** DAN POWELL

APPROVED BY: **DATE:** 12/03/2019 **OFFICE:** AJV-A440 **NAME:** PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION: NFDC
FPO: WST
ARTCC: ZHN
ATC FACILITY: HCF TRACON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: CIGAN

STATE: OP

COUNTRY: US

ICAO REGION CODE: P

LATITUDE/LONGITUDE: 215357.31N/1573425.76W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
STAR

USE TITLE
KAENA (RNAV)

FAC

PAT

AIRPORT IDENT
HNL/PHNL

CITY
HONOLULU

STATE
HI (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/16/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: DANIEL WESTON

APPROVED BY:

DATE: 03/21/2024

OFFICE: AJV-A33

NAME: JOHN BORDY

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: CONED **STATE:** OP **COUNTRY:** US **ICAO REGION CODE:** P

LATITUDE/LONGITUDE: 222209.00N/1562729.00W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

HOLDING: **HOLDING TYPE OF ACTION:**

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE STAR	KAENA (RNAV)			HNL/PHNL	HONOLULU	HI (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 10/20/2011

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

DEVELOPED BY: **DATE:** 01/07/2011 **OFFICE:** AVN-130 **NAME:** CHARLES SCHNEIDER

APPROVED BY: **DATE:** 08/23/2011 **OFFICE:** AVN-130 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION: NFDC
FPO: WST
ARTCC: ZHN
ATC FACILITY: HCF TOWER
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: DANYA

STATE: OP

COUNTRY: US

ICAO REGION CODE: P

LATITUDE/LONGITUDE: 220225.00N/1562154.00W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
STAR

USE TITLE
KAENA (RNAV)

FAC

PAT

AIRPORT IDENT
HNL/PHNL

CITY
HONOLULU

STATE
HI (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 10/20/2011

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 01/07/2011

OFFICE: AVN-130

NAME: CHARLES SCHNEIDER

APPROVED BY:

DATE: 08/23/2011

OFFICE: AVN-130

NAME: DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZHN
ATC FACILITY: HCF TOWER
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: EXCES

STATE: OP

COUNTRY: US

ICAO REGION CODE: P

LATITUDE/LONGITUDE: 223723.11N/1565140.12W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
STAR

USE TITLE
KAENA (RNAV)

FAC

PAT

AIRPORT IDENT
HNL/PHNL

CITY
HONOLULU

STATE
HI (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/16/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: DANIEL WESTON

APPROVED BY:

DATE: 03/21/2024

OFFICE: AJV-A33

NAME: JOHN BORDY

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: FROWS

STATE: OP

COUNTRY: US

ICAO REGION CODE: P

LATITUDE/LONGITUDE: 221752.91N/1563920.65W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
STAR

USE TITLE
KAENA (RNAV)

FAC

PAT

AIRPORT IDENT
HNL/PHNL

CITY
HONOLULU

STATE
HI (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/16/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: DANIEL WESTON

APPROVED BY:

DATE: 03/21/2024

OFFICE: AJV-A33

NAME: JOHN BORDY

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: HAWYN

STATE: HI

COUNTRY: US

ICAO REGION CODE: PH

LATITUDE/LONGITUDE: 215142.89N/1575045.94W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
STAR

USE TITLE
KAENA (RNAV)

FAC

PAT

AIRPORT IDENT
HNL/PHNL

CITY
HONOLULU

STATE
HI (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/16/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: DANIEL WESTON

APPROVED BY:

DATE: 03/21/2024

OFFICE: AJV-A33

NAME: JOHN BORDY

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: KAENA

STATE: HI

COUNTRY: US

ICAO REGION CODE: PH

LATITUDE/LONGITUDE: 212849.75N/1582613.74W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
STAR

USE TITLE
KAENA (RNAV)

FAC

PAT

AIRPORT IDENT
HNL/PHNL

CITY
HONOLULU

STATE
HI (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 05/16/2024

REASON FOR REVISION:

FIX MOVED 5.52 NM SOUTHWEST, ATC REQUEST TO MAINTAIN NAME FOR PHNL KAENA (RNAV) STAR.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: DANIEL WESTON

APPROVED BY:

DATE: 03/21/2024

OFFICE: AJV-A33

NAME: JOHN BORDY

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: LEEIA

STATE: OP

COUNTRY: US

ICAO REGION CODE: P

LATITUDE/LONGITUDE: 220057.22N/1563447.09W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
STAR

USE TITLE
KAENA (RNAV)

FAC

PAT

AIRPORT IDENT
HNL/PHNL

CITY
HONOLULU

STATE
HI (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/16/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: DANIEL WESTON

APPROVED BY:

DATE: 03/21/2024

OFFICE: AJV-A33

NAME: JOHN BORDY

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: REWWA

STATE: OP

COUNTRY: US

ICAO REGION CODE: P

LATITUDE/LONGITUDE: 215727.39N/1573523.77W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
STAR

USE TITLE
KAENA (RNAV)

FAC

PAT

AIRPORT IDENT
HNL/PHNL

CITY
HONOLULU

STATE
HI (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/16/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: DANIEL WESTON

APPROVED BY:

DATE: 03/21/2024

OFFICE: AJV-A33

NAME: JOHN BORDY

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 211930.08N/1581311.02W **TYPE:** WP, 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	FEET	MRA	MAA
1	HONOLULU	I-HNL	LOC/DME		258.99	269.99	17.64	17.68		4000	5000
2	LIHUE	LIH	VORTAC	H	110.27	121.27	73.30	73.30		4000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-HNL	LOC/DME	R-259	18	4500	5000
LIH	VORTAC	R-110	74	4000	14700

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	HOLDING ALTITUDES DME	MIN	MAX	TEMPLATES MIN	MAX
1	W	I-HNL	LOC/DME	258.99	078.99	R		7	4500	5000	7	7
2	W		WP	258.91	078.91	R		4	4000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (15-000071)	212312.00N/1580619.00W	2586	4D
2	200	AAO	212242.00N/1580733.00W	1473	4B

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

HONOLULU (FAC 1) USED TO ESTABLISH FIX COORDINATES.
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 PAT 1 FOR ATC USE.
 PAT 1 CONTROLLING OBSTACLE LOCATED 11083 FEET INTO SECONDARY AREA.
 PAT 2 CONTROLLING OBSTACLE LOCATED 12080 FEET INTO SECONDARY AREA.
 I-HNL DME COORDINATES: 211927.87N/1575417.16W
 ESV I-HNL IS FOR LOC FACILITY.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS RWY 8L	1, 2		HNL/PHNL	HONOLULU	HI (US)
IAP	LOC RWY 8L	1		HNL/PHNL	HONOLULU	HI (US)
IAP	RNAV (GPS) Y RWY 8L		2	HNL/PHNL	HONOLULU	HI (US)
IAP	RNAV (RNP) Z RWY 8L			HNL/PHNL	HONOLULU	HI (US)
STAR	KAENA (RNAV)			HNL/PHNL	HONOLULU	HI (US)
STAR	KLANI (RNAV)			HNL/PHNL	HONOLULU	HI (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5 **DATE OF REVISION:** 05/16/2024

REASON FOR REVISION:

- FAC 1 I-HNL MRA CHANGED FROM 4500 TO 3600.
- FAC 2 LIH MRA CHANGED FROM 5000 TO 3600.
- ESV: LIH MIN ALTITUDE CHANGED FROM 5000 TO 3600.
- CHANGED I-HNL DME COORDINATES FROM "211927.88N/1575417.17W" TO "211927.87N/1575417.16W".
- UPDATED HOLDING PATTERN 2 ELEVATION/ACCURACY CODE FROM "1450/4E" TO "1473/4B".

04/03/24: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 12/13/23.

- FAC 1 I-HNL MRA CHANGED FROM 3600 TO 4000.
- FAC 2 LIH MRA CHANGED FROM 3600 TO 4000.
- ESV: LIH MIN ALTITUDE CHANGED FROM 3600 TO 4000.
- UPDATED HOLDING PATTERN 2 MIN ALTITUDE FROM 3600 TO 4000.
- ADDED FIX USE PHNL KAENA (RNAV) STAR.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**
OFFICE OF PRIMARY RESPONSIBILITY: AJV-A422 **NAME:** DANIEL WESTON
APPROVED BY: **DATE:** 05/16/2024 **OFFICE:** AJV-A33 **NAME:** JOHN BORDY

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: ZELDO

STATE: OP

COUNTRY: US

ICAO REGION CODE: P

LATITUDE/LONGITUDE: 240654.40N/1563704.54W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
STAR

USE TITLE
KAENA (RNAV)

FAC

PAT

AIRPORT IDENT
HNL/PHNL

CITY
HONOLULU

STATE
HI (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/16/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: DANIEL WESTON

APPROVED BY:

DATE: 03/21/2024

OFFICE: AJV-A33

NAME: JOHN BORDY

SIGNATURE: