

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
VOR OR TACAN STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.23**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or feet RVR.

AIRPORT ID HNL/PHNL	PROCEDURE NAME VOR OR TACAN-A	ORIGINAL/AMENDMENT 2	CITY HONOLULU	STATE HI
AIRPORT ELEVATION 14	TDZE	SUPERSEDED VOR OR TACAN-A	DATED 02/25/2021	MAG VAR 11E
FACILITY HNL	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 1990
				CANCEL/SUSPEND

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
CKH VORTAC	IAF	LEHUA/HNL 11.28 DME	NOPT				210.67	7.46	3000
HAUNA INT/HNL 17.70 DME	IAF	LEHUA/HNL 11.28 DME	NOPT				305.31 (HNL R-125)	6.42	3000
LEHUA INT/HNL 11.28 DME	IF	DYDRA INT/HNL 5.28 DME					305.31 (HNL R-125)	6.00	2100

MISSED APPROACH

MAP:

HNL VORTAC

MISSED APPROACH INSTRUCTIONS:

CLIMBING LEFT TURN TO 3000 ON HNL VORTAC R-171 TO ALANA INT/HNL 13.94 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- | | | | | | |
|--|------------------------------------|-------------------------|--------------------------|-----------------|--------------|
| 1. PT | SIDE OF COURSE | OUTBOUND | FT WITHIN | MILES OF | (IAF) |
| 2. HOLD SE LEHUA, RT, 305.31 INBOUND, 3000 IN LIEU OF PT (IAF), MAX 17000. | | | | | |
| 3. FAC: 305.31 | FAF: DYDRA INT/HNL 5.28 DME | DIST FAF TO MAP: | DIST FAF TO THLD: | | |
| 4. MIN ALT: LEHUA/HNL 11.28 DME 3000, DYDRA INT/HNL 5.28 DME 2100 | | | | | |
| 8. MSA FROM: HNL VORTAC 180-270 4000, 270-360 5300, 360-180 4400 | | | | | |

NOTES:

CHART NOTE: CIRCLING RWY 22R NA AT NIGHT.
 CHART NOTE: CIRCLING NA FOR CATS A AND B NW OF RWYS 8L AND 22R.
 CHART NOTE: CIRCLING NA FOR CATS C, D AND E N OF RWY 8L-26R.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HAUNA ON V8 EASTBOUND.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON CKH VORTAC AIRWAY RADIAL 271.
 CHART NOTE: CIRCLING NA TO SEA LANES 4W, 8W 22W, AND 26W.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 351.00 INBOUND.
 FAS OBST: 208 SHIP 211457N/1575212W.
 FAC CROSSES MIDPOINT OF RWY 8L-26R.



MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA STANDARD - CAT C 900-2 1/4, CAT D 1400-3, CAT E 2100-3

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
CIRCLING	680	1	666	680	1	666	820	2 1/4	806	1360	3	1346	2020	3	2006

CHANGES - REASONS

1. TERMINAL ROUTE UPDATE: CHANGED INITIAL ROUTE FROM "CKH VORTAC – LEHUA INT/HNL 10.00 DME" NOPT TO "CKH VORTAC – LEHUA INT/HNL 11.28 DME" NOPT. COURSE/DISTANCE CHANGED FROM 220/7.5 TO 210.67/7.46 – LEHUA LOCATION MOVED 1.28 SOUTHEAST.
2. TERMINAL ROUTE UPDATE: CHANGED INITIAL ROUTE FROM "HAUNA INT/HNL 17.70 DME - LEHUA INT/HNL 10.00 DME" NOPT TO "HAUNA INT/HNL 17.70 DME - LEHUA INT/HNL 11.28 DME" NOPT. COURSE/DISTANCE CHANGED FROM 305/7.70 TO 305.31/6.42 – LEHUA LOCATION MOVED 1.28 SOUTHEAST.
3. TERMINAL ROUTE UPDATE: CHANGED INTERMEDIATE ROUTE FROM "LEHUA INT/HNL 10.00 DME - DYDRA INT/HNL 5.00 DME" TO "LEHUA INT/HNL 11.28 DME - DYDRA INT/HNL 5.28 DME". COURSE/DISTANCE CHANGED FROM 305.00/5.00 TO 305.31/6.00. ALTITUDE CHANGED FROM 1500 TO 2100 - LEHUA LOCATION MOVED 1.28 SOUTHEAST. DYDRA MOVED 0.28 SOUTHEAST.
4. PROFILE LINE 2 UPDATE: CHANGED HOLD SE LEHUA, RT, 305.00 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 17000" TO "HOLD SE LEHUA, RT, 305.31 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 17000" - LEHUA LOCATION MOVED 1.28 SOUTHEAST.
5. PROFILE LINE 3 UPDATE: FAC CHANGED FROM 305 TO 305.31 - DYDRA LOCATION MOVED 0.28 SOUTHEAST.
6. PROFILE LINE 3 UPDATE: FAF CHANGED FROM DYDRA INT/HNL 5.00 DME TO DYDRA INT/HNL 5.28 DME - DYDRA LOCATION MOVED 0.28 SOUTHEAST.
7. PROFILE LINE 4 UPDATE: MIN ALT CHANGED FROM "LEHUA INT/HNL 10.00 DME 3000, DYDRA INT/HNL 5.00 DME 1500" TO "LEHUA INT/HNL 11.28 DME 3000, DYDRA INT/HNL 5.28 DME 2100" - LEHUA LOCATION MOVED 1.28 SOUTHEAST. DYDRA MOVED 0.28 SOUTHEAST.
8. MINIMUM UPDATE: CIRCLING CAT A HAA CHANGED FROM 807 TO 806. CAT B MDA/HAA CHANGED FROM 760/747 TO 680/666. CAT C HAA CHANGED FROM 807 TO 806. CAT D MDA/HAA CHANGED FROM 1400/1387 TO 1360/1346. ADDED CAT E MDA/HAA/VIS 2020/2006/3 - AIRPORT ELEVATION CHANGED FROM 13 TO 14. NEW CONTROLLING OBSTACLES UPDATE.
9. REMOVED CIRCLING ICON - NO LONGER NEEDED.
10. ADDITIONAL FLIGHT DATA UPDATE: CHANGED FAS OBST FROM "208 SHIP 211452N/1575208W" TO "208 SHIP 211457N/1575212W" – NEW VOR FINAL OBSTACLE UPDATE.
11. CHANGED CHART PLAINVIEW NOTE FROM "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CKH VORTAC AIRWAY RADIAL 272" TO "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON CKH VORTAC AIRWAY RADIAL 271 - IAW 8260.19K PARA 8-2-5.E(2), RADIAL RECALCULATION UPDATE.

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA OTHER: ZHN, HCF APP CON, AMGR, USAF

FLIGHT CHECKED BY

OFFICE

DATE

DEVELOPED BY
KWEKU DONKOR

Digitally signed by
KWEKU DONKOR
Dec 03, 2025

OFFICE
AJV-A433

DATE
09/05/2025

APPROVED BY
BEV L BORDY

OFFICE
AJV-A430

DATE

TITLE
MANAGER



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

<u>AIRPORT ID</u> HNL/PHNL	<u>PROCEDURE NAME</u> VOR OR TACAN-A	<u>AMDT NO.</u> 2	<u>CITY</u> HONOLULU	<u>STATE</u> HI	<u>AIRPORT ELEVATION</u> 14	<u>FACILITY</u> HNL
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PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM CKH VORTAC **TO** LEHUA/HNL 11.28 DME

RNP DISTANCE PAT MAP HAT HMAS
7.46

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	211809.00N/1574542.00W	1493	50	20	2C	1000				AT507	3000
TERRAIN	211809.00N/1574542.00W	1292 (1300)								AS1500	2800

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM HAUNA INT/HNL 17.70 DME **TO** LEHUA/HNL 11.28 DME

RNP DISTANCE PAT MAP HAT HMAS
6.42

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	211018.62N/1574729.23W	208	50	20	2C	1000				AT1792	3000
WATER	211018.62N/1574729.23W	0 (0)								AS1500	1500

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID
HNL/PHNL

PROCEDURE NAME
VOR OR TACAN-A

AMDT NO.
2

CITY
HONOLULU

STATE
HI

AIRPORT ELEVATION
14

FACILITY
HNL

INTERMEDIATE

FROM
LEHUA INT/HNL 11.28 DME

TO
DYDRA INT/HNL 5.28 DME

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
6.00

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	211018.62N/1574729.23W	208	50	20	2C	500				AT1392	2100
WATER	211451.00N/1575142.00W	0 (0)								AS1500	1500

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

FINAL

FROM
DYDRA INT/HNL 5.28 DME

TO
HNL VORTAC

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
5.28 HNL VORTAC

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
SHIP	211457.00N/1575212.00W	208	50	20	2C	250					460

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:



AIRPORT ID
HNL/PHNL

PROCEDURE NAME
VOR OR TACAN-A

AMDT NO.
2

CITY
HONOLULU

STATE
HI

AIRPORT ELEVATION
14

FACILITY
HNL

PRIMARY NAVAID
HNL VORTAC

MONITOR POINT
POCC

HRS OPERATION
24

CAT
1

<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW04W		
RW08W		
RW22W		
RW26W		
RW04L - MIRL, REIL, PAPI-4L	NPI-G	
RW22R - REIL, MIRL	NPI-G	
RW04R - MALSR, HIRL, PAPI-4L	PIR-F	
RW26L - MALSF, HIRL, PAPI-4L	PIR-F	
RW08L - MALSR, HIRL, PAPI-4L	PIR-G	
RW08R - REIL, HIRL, PAPI-4L	PIR-G	
RW22L - HIRL, REIL, PAPI-4L	PIR-G	
RW26R - REIL, HIRL, PAPI-4L	PIR-G	

GLIDESLOPE ANGLE

ELEV RWY THRESHOLD

TCH

ELEV GS ANTENNA

DISTANCE FROM RWY

VGSI ANGLE

TCH

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD
ON CENTERLINE

FT FROM THRESHOLD
FT FROM CENTERLINE

DISPLACED THRESHOLD DISTANCE

CRITICAL TEMPERATURES

CRITICAL LOW

CRITICAL HIGH

ACT

APT ISA

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:



PART C: GENERAL REMARKS:

VDP NOT ESTABLISHED - CIRCLING ONLY.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

60 FT VEGETATION AND 208 FT SHIP HEIGHT APPLIES PER FPT CHECKLIST.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	MAP	TO 1000FT POINT	1.61
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	2.16
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	316.31
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	0
DISTANCE FROM	MAP	TO 1500FT POINT	4.08
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	2.41
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	316.31
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	0

THRESHOLD COORDINATES (IF STR-IN)

ARP COORDINATES	211904.17N/1575512.90W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 8R DISTANCE 1.58 NM
FAF COORDINATES	211440.02N/1575155.21W
FIX NAME COORDINATES	

REMARKS

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
KWEKU DONKOR	AJV-A433	09/05/2025	AERONAUTICAL INFORMATION SPECIALIST

