

**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-B	ORIGINAL/AMENDMENT 3	CITY HONOLULU	STATE HI
AIRPORT ELEVATION 14	TDZE	SUPERSEDED VOR OR TACAN-B	ORIGINAL/AMENDMENT 2D	DATED 02/25/2021
FACILITY HNL	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE ROUTINE	MAG VAR 11E
				EPOCH YEAR 1990
				CANCEL/SUSPEND

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
HNL VORTAC		SUSRY/HNL 5.14 DME					217.00	5.14	4000
ALANA INT/HNL 13.94 DME CW	IAF	SUPPO/HNL 13.94 DME	NOPT				13.94 DME ARC		3000
SUPPO/HNL 13.94 DME	IF	SUSRY/HNL 5.14 DME					037.00 (R-217)	8.80	2100

MISSED APPROACH

MAP:

MAVGD/HNL 0.80 DME

MISSED APPROACH INSTRUCTIONS:

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

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT L SIDE OF COURSE 217.00 OUTBOUND 3000 FT WITHIN 15 MILES OF SUSRY/HNL 5.14 DME (IAF)
-
- FAC: 037.00 FAF: SUSRY/HNL 5.14 DME DIST FAF TO MAP: DIST FAF TO THLD:
- MIN ALT: SUSRY/HNL 5.14 DME 2100
- MSA FROM: HNL VORTAC 180-270 4000, 270-360 5300, 360-180 4400



EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

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 HNL VORTAC ON V12-15 EASTBOUND.
 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 211539N/1575912W.
 CHART HNL R-171 AT ALANA.
 FAC CROSSES MIDPOINT OF RWY 8R-26L.

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												
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 "HNL VORTAC - SUSRY/HNL 5.00 DME" TO "HNL VORTAC - SUSRY/HNL 5.14 DME". DISTANCE CHANGED FROM 5.00 TO 5.14 - SUSRY MOVED 0.14 NM SOUTHWEST/PER FPT CHECKLIST.
2. TERMINAL ROUTE UPDATE: CHANGED INITIAL ROUTE FROM "SUPPO/HNL 13.94 DME" TO "SUSRY/HNL 5.14 DME". DISTANCE CHANGED FROM 9.00 TO 8.80. ALTITUDE CHANGED FROM 1500 TO 2100 - SUSRY MOVED 0.14 NM SOUTHWEST/PER FPT CHECKLIST
2. TERMINAL ROUTE UPDATE: CHANGED INITIAL ROUTE FROM "ALANA INT/HNL 13.94 DME CW - SUPPO/HNL 14.00 DME" NOPT TO "ALANA INT/HNL 13.94 DME CW - SUPPO/HNL 13.94 DME" NOPT - SUPPO MOVED 0.14 NM SOUTHWEST.
3. TERMINAL ROUTE UPDATE: CHANGED INITIAL ROUTE FROM "SUPPO/HNL 14.00 DME - SUSRY/HNL 5.00 DME" TO "SUPPO/HNL 13.94 DME. DISTANCE CHANGED FROM 9.00 TO 8.80 - SUSRY/HNL 5.14 DME" - SUSRY MOVED 0.14 NM SOUTHWEST. SUPPO MOVED 0.14 NM SOUTHWEST.
4. PROFILE LINE 1 UPDATE: CHANGED PT FT WITHIN FROM 10 TO 15 - PT DISTANCE MUST BE AT LEAST 15.00 NM FOR CAT E MINIMUMS.
5. PROFILE LINE 1 UPDATE: CHANGED PT MILES OF FROM "SUSRY/HNL 5.00 DME" TO "SUSRY/HNL 5.14 DME" - SUSRY MOVED 0.14 NM SOUTHWEST.
6. PROFILE LINE 3 UPDATE: FAF CHANGED FROM "SUSRY/HNL 5.00 DME" TO "SUSRY/HNL 5.14 DME" - SUSRY MOVED 0.14 NM SOUTHWEST.
7. PROFILE LINE 4 UPDATE: CHANGED MIN ALT FROM "SUSRY/HNL 5.00 DME 1500" TO "SUSRY/HNL 5.14 DME 2100" - SUSRY MOVED 0.14 NM SOUTHWEST.
8. ADDITIONAL FLIGHT DATA UPDATE: CHANGED CHART FAS OBST FROM "208 SHIP 211508N/1575948W" TO "208 SHIP 211539N/1575912W" - NEW VOR FINAL OBSTACLE UPDATE.
9. REMOVED CIRCLING ICON - NO LONGER NEEDED.
10. MINIMUM UPDATE: CHANGED CAT A HAA FROM 667 TO 666 - AIRPORT ELEVATION CHANGED FROM 13 TO 14.
11. MINIMUM UPDATE: CHANGED CAT B MDA/HAA FROM 760/747 TO 680/666 - NEW CAT B CONTROLLING OBSTACLE.
12. MINIMUM UPDATE: CHANGED CAT C HAA FROM 807 TO 806 - AIRPORT ELEVATION CHANGED FROM 13 TO 14.
13. MINIMUM UPDATE: CHANGED CAT D HAA FROM 1387 TO 1386 - AIRPORT ELEVATION CHANGED FROM 13 TO 14.
14. MINIMUM UPDATE: ADDED CAT E MDA/HAA/VIS 2020/2006/3 - PER FPT CHECKLIST.
15. CHANGED CHART NOTE FROM "CIRCLING NA FOR CATS C AND D NORTH OF RWY 8L-26R" TO "CIRCLING NA FOR CATS C, D AND E NORTH OF RWY 8L-26R" - PER FPT CHECKLIST/CAT E ADDED.



AIRPORT ID
HNL/PHNL

PROCEDURE NAME
VOR OR TACAN-B

ORIGINAL/AMENDMENT
3

CITY
HONOLULU

STATE
HI

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 04, 2025

OFFICE
AJV-A433

DATE
09/02/2025

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-B	<u>AMDT NO.</u> 3	<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

FEEDER

FROM HNL VORTAC	TO SUSRY/HNL 5.14 DME
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<u>RNP</u>	<u>DISTANCE</u> 5.14	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	211951.00N/1580015.00W	227	215	8	4B	2000				AT1773	4000
TERRAIN	211954.00N/1580030.00W	26 (0)								AS1500	1500

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT REMARKS:

INITIAL: ARC

FROM ALANA INT/HNL 13.94 DME CW	TO SUPPO/HNL 13.94 DME
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<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
SHIP	210431.00N/1580030.00W	208	50	20	2C	1000				AT1792	3000
WATER	210431.00N/1575620.71W	0 (0)								AS1500	1500

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT REMARKS:



AIRPORT ID
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AIRPORT ELEVATION
14

FACILITY
HNL

INTERMEDIATE

FROM
SUPPO/HNL 13.94 DME

TO
SUSRY/HNL 5.14 DME

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
8.80

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
SHIP	211451.00N/1580248.00W	208	50	20	2C	500				AT1392	2100
WATER	211451.00N/1580333.00W	0 (0)								AS1500	1500

COMPUTATIONS

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

SEGMENT REMARKS:

INTERMEDIATE: PT

FROM
15 NM

TO
SUSRY/HNL 5.14 DME

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
20.00

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
SHIP	211451.00N/1580245.00W	208	50	20	2C	500				AT1392	2100
WATER	211451.00N/1580245.00W	0 (0)								AS1500	1500

COMPUTATIONS

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

SEGMENT REMARKS:



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FACILITY
HNL

FINAL

FROM
SUSRY/HNL 5.14 DME

TO
MAVGD/HNL 0.80 DME

RNP

DISTANCE
4.35

PAT

MAP
MAVGD/HNL 0.80 DME

HAT

HMAS

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
SHIP	211539.00N/1575912.00W	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:

PROCEDURE TURN

FROM
SUSRY/HNL 5.14 DME

TO
15 NM

RNP

DISTANCE

PAT

MAP

HAT

HMAS

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TANK (15-031340)	211815.19N/1580628.37W	303	20	10	1B	1000				AT1697	3000
TERRAIN	211927.00N/1580412.00W	59 (100)								AS1500	1600

COMPUTATIONS

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

SEGMENT REMARKS:



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MISSED APPROACH

FROM
MAVGD/HNL 0.80 DME

TO
ALANA INT/HNL 13.90 DME

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
430

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
AAO	212236.00N/1580418.00W	1204	215	8	4B	1000					2300
TERRAIN	212236.00N/1580418.00W	1003 (1000)								AS1500	2500

COMPUTATIONS

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

SEGMENT REMARKS:

CIRCLING ALL CATS CAT A CAT B CAT C CAT D CAT E NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
CRANE (15-023603)	211856.16N/1575315.28W	1.30	666	330	250	50	4D	300		AC50	680
CATEGORY B											
CRANE (15-023603)	211856.16N/1575315.28W	1.81	666	330	250	50	4D	300		AC50	680
CATEGORY C											
CRANE (15-024622)	211803.38N/1575137.06W	2.84	806	519	20	3	1A	300			820
CATEGORY D											
AAO	211945.00N/1575018.00W	3.73	1346	1044	215	8	4B	300			1360
CATEGORY E											
AAO	211954.00N/1574915.00W	4.73	2006	1703	215	8	4B	300			2020

CIRCLING REMARKS:



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HNL

MSA

CENTER **RADIUS**
HNL VORTAC 25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
180-270	TOWER (15-020029)	212412.00N/1580552.80W	290	11.0	3000	500	125	5E	1000			4000
270-360	AAO	213030.00N/1580833.00W	304	16.9	4242	215	8	4B	1000			5300
360-180	AAO	212130.00N/1574718.00W	058	8.5	3337	215	8	4B	1000			4400

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

HNL TOWER

WX SERVICE ASOS	LOCATION HNL/PHNL	HRS OPERATION 24	ALTIMETER SOURCE HNL/PHNL	DISTANCE	WMSCR Y	ADJUSTMENTS 0
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BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
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WX REMARKS:

BACKUP ALTIMETER NOT REQUIRED. MULTIPLE WEATHER SOURCES ON AIRFIELD.

PRIMARY NAVAID HNL VORTAC	MONITOR POINT POCC	HRS OPERATION 24	CAT 1
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APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW04W		
RW08W		
RW22W		
RW26W		
RW04L - REIL, MIRL, 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	



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GLIDESLOPE ANGLE

ELEV RWY THRESHOLD

TCH

ELEV GS ANTENNA

DISTANCE FROM RWY

VGSI ANGLE

TCH

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD

FT FROM THRESHOLD

DISPLACED THRESHOLD DISTANCE

ON CENTERLINE

FT FROM CENTERLINE

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.

NO ADDITIONAL AIRSPACE REQUIRED.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



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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	0.78
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	2.08
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	48.0
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	0
DISTANCE FROM	MAP	TO 1500FT POINT	3.25
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	2.33
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	48.00
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 211502.80N/1575954.83W
FIX NAME COORDINATES

REMARKS

PART E: PREPARED BY

<u>NAME</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
KWEKU DONKOR	AJV-A433	09/02/2025	AERONAUTICAL INFORMATION SPECIALIST

