

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
VOR 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 JRF/PHJR	PROCEDURE NAME VOR RWY 4R	ORIGINAL/AMENDMENT 1B	CITY KAPOLEI	STATE HI		
AIRPORT ELEVATION 32	TDZE 17	SUPERSEDED VOR/DME RWY 4R	ORIGINAL/AMENDMENT 1A	DATED 11/05/2020	MAG VAR 11E	EPOCH YEAR 1990
FACILITY HNL	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE ROUTINE	CANCEL/SUSPEND		

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
HNL VORTAC		ZEGPI/HNL 15.00 DME					272.90	15.00	5300
ZEGPI/HNL 15.00 DME		OSOFE/HNL 22.37 DME					272.90 (HNL R-273)	7.37	3000
OSOFE/HNL 22.37 DME CCW	IAF	TARLE/HNL 22.37 DME					22.37 DME ARC		3000
GECKO/HNL 22.37 DME CW	IAF	TARLE/HNL 22.37 DME					22.37 DME ARC		3000
TARLE/HNL 22.37 DME	IF	HPKNS/13.40 DME					073.95 (HNL R-254)	8.97	1700

MISSED APPROACH

MAP:

YUDYU/8.40 DME

MISSED APPROACH INSTRUCTIONS:

CLIMBING RIGHT TURN TO 3000 ON HEADING 248 AND HNL VORTAC R-241 TO GECKO/HNL 22.37 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT TARLE/HNL 22.37 DME
- FAC: 073.95 FAF: HPKNS/13.40 DME DIST FAF TO MAP: DIST FAF TO THLD: 5.05
- MIN ALT: TARLE/HNL 22.37 DME 3000, HPKNS/13.40 DME 1700
- MSA FROM: HNL VORTAC 180-270 4000, 270-360 5300, 360-180 4400



EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART NOTE: CIRCLING NA NORTH OF RWY 4R-22L.
CHART NOTE: RWY 4R HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GECKO ON V16 SOUTHEAST BOUND.
CHART NOTE: VDP NA WHEN USING HNL/PHNL ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HNL/PHNL ALTIMETER SETTING AND INCREASE ALL MDAS 40 FT AND S-4R VISIBILITY CAT C/D 1/8 SM, AND CIRCLING VISIBILITY CAT C 1/8 SM

ADDITIONAL FLIGHT DATA:

HPKNS TO RW04R: 3.06/55
CHART VDP AT 9.88 DME
DISTANCE VDP TO THLD 1.54 NM
CHART PHNL IN PLANVIEW
HOLD SW, RT, 060.99 INBOUND.
CHART FAS OBST: 303 TANK (15-031340) 211815N/1580628W.
CHART HNL R-273 AT OSOFE.
CHART HNL R-241 AT GECKO.
FAC CROSSES RWY C/L EXTENDED 2904 FT FROM THLD.

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

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
S-04R	560	1	543	560	1	543	560	1 5/8	543	560	1 3/4	543			
CIRCLING	560	1	528	560	1	528	560	1 5/8	528	600	2	568			



CHANGES - REASONS

- INCORPORATE CHANGES FROM AMDT 1A P-NOTAM.
1. MINIMUMS: UPDATED CIRCLING CAT D MDA/HAA FROM “580/550” TO “600/568”– 8260.3 TABLE 3-2-1 CAT D PER CRITERIA IS 550 THAT DRIVES A 600 CMDA.
 2. MINIMUMS: UPDATED S-4R CATS C VISIBILITY FROM “1 1/2” TO “1 5/8”, CIRCLING CAT C VISIBILITY FROM “1 1/2” TO “1 5/8” - 8260.3G TABLE 3-3-1 AND NEW VISIBILITIES DUE TO MALSF BEING DELETED PER NOTAM 5/1405.
 3. MINIMUMS: UPDATED CIRCLING CATS A/B/C HAA FROM “530” TO “528” - AIRPORT ELEVATON UPDATED.
 4. PROCEDURE NAME CHANGED FROM “VOR/DME RWY 4R” TO “VOR RWY 4R” – 8260.3G NAMING POLICY.
 5. ADDED "DME REQUIRED" TO EQUIPMENT REQUIREMENTS NOTES - CHANGE IN NAMING CONVENTION.
 6. MISSED APPROACH INSTRUCTIONS: CHANGE “VIA HEADING” TO “ON HEADING” – 8260.19J
 7. ADDED HELICOPTER VISIBILITY NOTE “RWY 4R HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA” – 8260.19J 8-6-12 K(2).
 8. ADDITIONAL FLIGHT DATA: FAC CROSSES RWY C/L DISTANCE CHANGED FROM “2879” TO “2904” – NEW EVALUATION
 9. ADDITIONAL FLIGHT DATA: UPDATED CHART VDP FROM “9.89” TO “9.88”; DISTANCE VDP TO THLD FROM “1.55” TO “1.54 NM” – NEW EVALUATION.
 10. LINE 3: UPDATED DIST FAF TO THLD FROM “5.04” TO “5.05” – NEW EVALUATION.
 11. UPDATED FAS OBSTACLE FROM “310 STACK 211812N/1580626W” TO “303 TANK (15-031340) 211815N/1580628W” – NEW EVALUATION.
 12. ADDED BACKUP ALTIMETER NOTE “WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HNL/PHNL ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET AND S-4R VISIBILITY CAT C/D 1/8 SM, AND CIRCLING VISIBILITY CAT C 1/8 SM” – 8260.19J 8-6-10
 13. ADDED CHART NOTE: VDP NA WHEN USING HNL/PHNL ALTIMETER SETTING – 8260.19J 8-6-10 (9).
 14. DELETED CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY – NO LONGER ALS.
 15. DELETED “CIRCLING ICON” – NO LONGER REQUIRED.
 16. REMOVED FACILITY ID (HNL) FROM HPKNS (TERMINAL ROUTE) AND YUDYU (MAP) – NO LONGER REQUIRED.
 17. ADDITIONAL FLIGHT DATA: ADDED “CHART PHNL” – INTL APT CLOSE TO PHJR-CHARTED FOR PILOT AWARENESS.
 18. AIRPORT ELEVATION CHANGED FROM “30” TO “32” – PER AIRNAV.

7/30/25: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 7/28/25:
ADDITIONAL FLIGHT DATA: UPDATED NOTE “CHART PHNL” TO READ “CHART PHNL IN PLANVIEW”

COORDINATED WITH:

A4A

☒

ALPA

☒

AOPA

☒

APA

☒

HAI

☐

NBAA

☒

OTHER: APT MGR, HAWAII ANG

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE
FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

Digitally signed by
ALLAN WILL
Aug 06, 2025

OFFICE

DATE

DEVELOPED BY

LIAM DONAHUE (ANA VEGA)

Digitally signed by
ALLAN WILL
Aug 06, 2025

OFFICE

AJV-A412

DATE

06/03/2025

APPROVED BY

KYLE THOMPSON

Digitally signed by
ALLAN WILL
Aug 06, 2025

OFFICE

AJV-A33

DATE

TITLE
MANAGER



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

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
JRF/PHJR	VOR RWY 4R	1B	KAPOLEI	HI	32	HNL

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM HNL VORTAC **TO** ZEGPI/HNL 15.00 DME

<u>RNP</u>	<u>DISTANCE</u> 15.00	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>				<u>HMAS</u>		
<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>
200' AAO	212451.00N/1580603.00W	3202	164	98	4E	2000					5300
TERRAIN	212451.00N/1580603.00W	3002 (3000)								AS1500	4500

COMPUTATIONS

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

SEGMENT REMARKS:

FEEDER

FROM ZEGPI/HNL 15.00 DME **TO** OSOFE/HNL 22.37 DME

<u>RNP</u>	<u>DISTANCE</u> 7.37	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>			<u>HMAS</u>		
<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>
200' AAO	212600.00N/1581033.00W	821	164	98	4E	2000				AT179	3000
TERRAIN	212600.00N/1581033.00W	621 (600)								AS1500	2100

COMPUTATIONS

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

SEGMENT REMARKS:



INITIAL: ARC

FROM

OSOF/HNL 22.37 DME CCW

TO

TARLE/HNL 22.37 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
<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>
208' SHIP	211457.00N/1582251.00W	208	250	50	4D	1000				AT1792	3000
OVERWATER	211457.00N/1582251.00W	0								AS1500	1500

COMPUTATIONS

ALTKIASKTASHAAVKTWTRBADTACOURSE CHANGEDVEBVEB OCSRF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL: ARC

FROM

GECKO/HNL 22.37 DME CW

TO

TARLE/HNL 22.37 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
<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>
208' SHIP	211457.00N/1582251.00W	208	250	50	4D	1000				AT1792	3000
OVERWATER	211457.00N/1582251.00W	0								AS1500	1500

COMPUTATIONS

ALTKIASKTASHAAVKTWTRBADTACOURSE CHANGEDVEBVEB OCSRF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM

TARLE/HNL 22.37 DME

TO

HPKNS/13.40 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
	8.97										
<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>
208' SHIP	211536.00N/1581451.00W	208	250	50	4D	500				AT992	1700
OVERWATER	211536.00N/1581451.00W	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

HPKNS/HNL 13.40 DME

TO

YUDYU/8.40 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
			YUDYU/8.40 DME		543						
<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	250					560

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSSED APPROACH

FROM

YUDYU/8.40 DME

TO

GECKO/HNL 22.37 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>	<u>HMAS</u>					
							310				
<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>
							ASC				3000
TANK (15-031340)	211815.19N/1580628.37W	303	20	10	1B	1000					1400
TERRAIN	211927.00N/1580445.00W	60 (100)								AS1500	1600

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

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>RADIUS</u>	<u>HAA</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
CATEGORY A											
SHIP	211719.80N/1580504.70W	1.30	528	208	50	20	2C	300		SI	560
CATEGORY B											
SHIP	211719.80N/1580504.70W	1.81	528	208	50	20	2C	300		SI	560
CATEGORY C											
SHIP	211719.80N/1580504.70W	2.84	528	208	50	20	2C	300		SI	560
CATEGORY D											
AAO	212109.20N/1580101.30W	3.70	568	249	50	20	2C	300		HAA	600

CIRCLING REMARKS:



MSA

CENTER

HNL VORTAC

RADIUS

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:

COURSE REVERSAL NOT DEVELOPED PER ATC REQUEST



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

HCF TRACON, JRF TOWER

<u>WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>
ASOS	JRF/PHJR	24	JRF/PHJR		Y	0
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>
ASOS	HNL/PHNL	24	HNL/PHNL	8.30	Y	23

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
PHJR 32, PHNL 5
RA = 22.8

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
HNL VORTAC	HNL FSS	24	1

<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW04L - MIRL (PCL), PAPI-2L	BSC-F	
RW11 - MIRL (PCL), PAPI-4L	BSC-F	
RW22L - MIRL (PCL), PAPI-4L	BSC-F	
RW22R - MIRL (PCL), PAPI-2L	BSC-F	
RW29 - MIRL (PCL), PAPI-4L	BSC-F	
RW04R - MIRL (PCL), PAPI-4R	PIR-F	

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
					3.00	54.6

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	☐	2904FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	☒	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	S-4R
34:1	
24 TREE (15-030054) 211755.3800N/1580448.7000W (4.54)	24 TREE (15-030881) 211755.2400N/1580448.7500W (4.19)



<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
JRF/PHJR	VOR RWY 4R	1B	KAPOLEI	HI	32	HNL
23 TREE (15-030518) 211755.3300N/1580448.6200W (3.64)			23 TREE (15-030093) 211755.0800N/1580448.6700W (3.1)			
23 TREE (15-030176) 211755.2200N/1580449.0700W (2.42)			22 TREE (15-030429) 211755.0300N/1580448.7400W (1.85)			
PENETRATIONS REMARKS:						

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

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

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
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	2.70
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	3.11
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	84.95
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	0
DISTANCE FROM	MAP	TO 1500FT POINT	4.63
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	3.30
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	84.95
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	0

THRESHOLD COORDINATES (IF STR-IN)	211759.74N/1580445.84W
ARP COORDINATES	211825.68N/1580413.60W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 11 DISTANCE 0.80 NM
FAF COORDINATES	211718.37N/1581007.11W
FIX NAME COORDINATES	

REMARKS

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
LIAM DONAHUE (ANA VEGA)	AJV-A412	06/03/2025	AERONAUTICAL INFORMATION SPECIALIST

