

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
NDB STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.27**

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 NDB RWY 4R	ORIGINAL/AMENDMENT 1	CITY KAPOLEI	STATE HI
AIRPORT ELEVATION 32	TDZE 17	SUPERSEDED NDB RWY 4R	DATED 07/15/1999	MAG VAR 11E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
HN NDB		ZANUP/HNL VORTAC 18.55 DME					219.06	13.39	4200
ZANUP/HNL VORTAC 18.55 DME		ZOKUN/HNL VORTAC 12.87 DME					039.06 (HN R-219)	6.00	1700

MISSED APPROACH

MAP:

HN NDB

MISSED APPROACH INSTRUCTIONS:

CLIMBING RIGHT TURN TO 2600 ON HN NDB BRG-175 THEN CLIMBING RIGHT TURN TO 4900 DIRECT HN NDB AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT
- SIDE OF COURSE** OUTBOUND **FT WITHIN** MILES OF (IAF)
- HOLD SW ZANUP/HNL VORTAC 18.55 DME, RT, 039.06 INBOUND, 3000 IN LIEU OF PT (IAF), MAX 6000.
- FAC:** 039.06 **FAF:** ZOKUN/HNL VORTAC 12.87 DME **DIST FAF TO MAP:** **DIST FAF TO THLD:** 5.13
- MIN ALT:** ZANUP/HNL VORTAC 18.55 DME 3000, ZOKUN/HNL VORTAC 12.87 DME 1700
- MSA FROM:** HN NDB 100-245 3200, 245-350 5300, 350-100 4400

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART NOTE: RWY 4R HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: CIRCLING NA N OF RWY 11 AND NW OF RWY 22R.

ADDITIONAL FLIGHT DATA:

CHART PHNL.
HOLD W, RT, 090.00 INBOUND.
CHART FAS OBST: 303 TANK (15-031340) 211815N/1580628W.
FAC CROSSES RWY C/L EXTENDED 3000 FT FROM THLD.



MINIMUMS:

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

ALTERNATE: NA CAT A, B, C, D 800-2 3/4, NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA												
S-04R	680	1	663	680	1	663	680	1 7/8	663	680	1 7/8	663			
CIRCLING	680	2 3/4	648	680	2 3/4	648	680	2 3/4	648	680	2 3/4	648			

CHANGES - REASONS

1. TERMINAL ROUTES: REMOVED SEGMENT "PT TO HN LOM" - EWABE LOM IS BEING DECOMMISSIONED; FPT CHECKLIST.
2. TERMINAL ROUTES: REMOVED PT SEGMENT "HN LOM TO PT" - EWABE LOM IS BEING DECOMMISSIONED; FPT CHECKLIST.
3. TERMINAL ROUTES: ADDED INTERMEDIATE SEGMENT "FROM ZANUP/HNL VORTAC 18.55 DME TO ZOKUN/HNL VORTAC 12.87 DME" AND ADDED "IAF", COURSE 039.06 MAG AND DISTANCE 6.00 NM - FPT CHECKLIST.
4. TERMINAL ROUTES: ADDED FEEDER SEGMENT "FROM HN NDB TO ZANUP/HNL VORTAC 18.55 DME" AND ADDED COURSE 219.06 MAG AND DISTANCE 13.39 NM - FPT CHECKLIST.
5. MISSED APPROACH POINT: CHANGED FROM "HN LOM" TO "HN NDB" - EWABE LOM IS BEING DECOMMISSIONED; FPT CHECKLIST; UPDATED TARGETS BUILD.
6. MISSED APPROACH INSTRUCTIONS: CHANGED FROM "CLIMBING RIGHT TURN TO 2600 VIA 175 BEARING FROM HN LOM, THEN CLIMBING RIGHT TURN TO 4900 DIRECT HN LOM AND HOLD" TO "CLIMBING RIGHT TURN TO 2600 ON BRG-175 FROM HN NDB THEN CLIMBING RIGHT TURN TO 4900 DIRECT HN NDB AND HOLD" - EWABE LOM IS BEING DECOMMISSIONED; FPT CHECKLIST; UPDATED TARGETS BUILD.
7. PROFILE LINE 2: ADDED "HOLD SW ZANUP/HNL VORTAC 18.55 DME, RT, 039.06 INBOUND, 3000 IN LIEU OF PT (IAF), MAX 6000" - EWABE LOM IS BEING DECOMMISSIONED; FPT CHECKLIST; UPDATED TARGETS BUILD.
8. PROFILE LINE 3: FAF CHANGED FROM "037.26" TO "039.06", ADDED FAF "ZOKUN/HNL VORTAC 12.87 DME" AND DIST FAF TO THLD "5.13" - EWABE LOM IS BEING DECOMMISSIONED; FPT CHECKLIST; UPDATED TARGETS BUILD.
9. PROFILE LINE 4: ADDED ZANUP/HNL VORTAC 18.55 DME 3000, ZOKUN/HNL VORTAC 12.87 DME 1700" - EWABE LOM IS BEING DECOMMISSIONED; FPT CHECKLIST; UPDATED TARGETS BUILD; 8260.19K, 8-6-7.D.
10. PROFILE LINE 8: CHANGED FROM "HN LOM 350-100 4200, 100-245 2000, 245-350 5200" TO "HN NDB 100-245 3200, 245-350 5300, 350-100 4400" - EWABE LOM IS BEING DECOMMISSIONED; FPT CHECKLIST; NEW CONTROLLING OBSTACLES.
11. EQUIPMENT REQUIREMENTS NOTES: ADDED "DME REQUIRED" - 8260.19K, 8-6-9 A(2)(A).
12. NOTES: CHANGED CHART NOTE FROM "CIRCLING NOT AUTHORIZED NORTH OF RUNWAYS 11 AND 22R" TO "*CIRCLING NA N OF RWY 11 AND NW OF RWY 22R" - 8260.19K 8-6-12.K.
13. NOTES: ADDED "CHART NOTE: RWY 4R HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - 20:1 IS CLEAR.34:1 PENETRATIONS, NEW EVALUATION.
14. ADDITIONAL FLIGHT DATA: CHANGED CHARTED FAS OBST FROM "310 STACK 211812.00N-1580626.00W" TO "303 TANK (15-031340) 211815N/1580628W" - UPDATED TARGETS BUILD.
15. ADDITIONAL FLIGHT DATA: CHANGED "FAC CROSSES RWY C/L 1256 FROM THLD" TO "FAC CROSSES RWY C/L EXTENDED 3000 FT FROM THLD" - FPT CHECKLIST; UPDATED TARGETS BUILD.
16. ALTERNATE MINIMUMS: CHANGED FROM "STANDARD CAT C 800-2 1/4; CAT D 800-2 1/2" TO "CAT A, B, C, D 800-2 3/4- NA WHEN LOCAL WEATHER NOT AVAILABLE" - IAW 8260.3G TABLE 3-1-1.
17. MINIMUMS: S-4R MDA/HAT ALL CATS DECREASED FROM MDA 800/HAT 783 TO MDA 680/HAT 663, VIS CAT B FROM 1 1/4 TO 1, VIS CAT C FROM 2 1/4 TO 1 7/8 AND VIS CAT D FROM 2 1/2 TO 1 7/8 - IAW 8260.3G TABLE 3-1-1.
18. MINIMUMS: CIRCLING MDA/HAA ALL CATS DECREASED FROM MDA 800/HAA 770 TO MDA 680/HAA 648 AND INCREASED VIS CAT A FROM 1 TO 2 3/4, VIS CAT B FROM 1 1/4 TO 2 3/4, CAT C FROM 2 1/4 TO 2 3/4 AND CAT D FROM 2 1/2 TO 2 3/4 - IAW 8260.3G TABLE 3-1-1.
19. ADDITIONAL FLIGHT DATA: ADDED CHART PHNL - INTL APT CLOSE TO PHJR-CHARTED FOR PILOT AWARENESS.



AIRPORT ID
JRF/PHJR

PROCEDURE NAME
NDB RWY 4R

ORIGINAL/AMENDMENT
1

CITY
KAPOLEI

STATE
HI

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA

OTHER: ZHN, HCF APP CON, AMGR, PHJR ATCT

FLIGHT CHECKED BY

OFFICE

DATE

DEVELOPED BY

LIAM DONAHUE (JAY BAGGETT)

OFFICE

AJV-A421

DATE

09/10/2025

APPROVED BY

KYLE THOMPSON

OFFICE

AJV-A33

DATE

TITLE

MANAGER



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

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

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER
FROM HN NDB **TO** ZANUP/HNL VORTAC 18.55 DME

RNP DISTANCE PAT MAP HAT HMAS
 13.39

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (15-020502)	212311.37N/1580620.21W	2624	20	3	1A	2000				SA-500	4200
TERRAIN	212236.00N/1580609.00W	1771 (1800)								AS1500	3300

COMPUTATIONS

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

SEGMENT REMARKS:

INTERMEDIATE

FROM ZANUP/HNL VORTAC 18.55 DME **TO** ZOKUN/HNL VORTAC 12.87 DME

RNP DISTANCE PAT MAP HAT HMAS
 6.00

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
SHIP	211319.03N/1581303.26W	208	50	20	2C	500				AT992	1700
TERRAIN	211319.03N/1581303.26W	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
JRF/PHJR

PROCEDURE NAME
NDB RWY 4R

AMDT NO.
1

CITY
KAPOLEI

STATE
HI

AIRPORT ELEVATION
32

FACILITY
HNL

MISSED APPROACH

FROM
HN NDB

TO
HN NDB

RNP

DISTANCE

PAT

MAP

HAT

HMAS
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				4900
AAO	212115.00N/1580106.00W	250	215	8	4B	1000					1300
TERRAIN	212100.00N/1580248.00W	88 (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											
STACK (15-000328)	211807.00N/1580547.00W	1.30	648	223	100	20	3C	300		SI	680
CATEGORY B											
TANK (15-031340)	211815.19N/1580628.37W	1.81	648	303	20	10	1B	300		SI	680
CATEGORY C											
TANK (15-031340)	211815.19N/1580628.37W	2.84	648	303	20	10	1B	300		SI	680
CATEGORY D											
TANK (15-031340)	211815.19N/1580628.37W	3.70	648	303	20	10	1B	300		SI	680

CIRCLING REMARKS:



AIRPORT ID
JRF/PHJR

PROCEDURE NAME
NDB RWY 4R

AMDT NO.
1

CITY
KAPOLEI

STATE
HI

AIRPORT ELEVATION
32

FACILITY
HNL

MSA

CENTER **RADIUS**
HN NDB 25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
100-245	AAO	212251.00N/1580609.00W	307	4.5	2139	215	8	4B	1000			3200
245-350	AAO	213030.00N/1580833.00W	324	12.3	4242	215	8	4B	1000			5300
350-100	AAO	212130.00N/1574718.00W	071	14.7	3337	215	8	4B	1000			4400

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

NA.

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

JRF TOWER, HNL ARTCC, HNL APP CON, HNL 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 NDB	HNL ATCT	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



AIRPORT ID
JRF/PHJR

PROCEDURE NAME
NDB RWY 4R

AMDT NO.
1

CITY
KAPOLEI

STATE
HI

AIRPORT ELEVATION
32

FACILITY
HNL

RUNWAY THRESHOLD 3000 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

FINAL TYPE	NPA VISUAL AREA
34:1	
24 TREE (15-030054) 211755.38N/1580448.70W (4.54)	24 TREE (15-030881) 211755.24N/1580448.75W (4.19)
24 TREE (15-030518) 211755.33N/1580448.62W (3.64)	24 TREE (15-030093) 211755.08N/1580448.67W (3.10)
24 TREE (15-030176) 211755.22N/1580449.07W (2.42)	24 TREE (15-030429) 211755.03N/1580448.74W (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:

VDP NOT ESTABLISHED - DIVERGENCE > 23 DEGREES.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VEGETATION HEIGHT 45 FT.
AAO SHIPS 208 FT.

BACK-UP ALTIMETER NOTE FOR CONTINGENCY USE:
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HNL/PHNL ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET AND S-04R VISIBILITY CAT C/D 1/8 SM.
ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



AIRPORT ID
JRF/PHJR

PROCEDURE NAME
NDB RWY 4R

AMDT NO.
1

CITY
KAPOLEI

STATE
HI

AIRPORT ELEVATION
32

FACILITY
HNL

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	FACILITY	TO 1000FT POINT	5.65
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	3.44
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	050.06
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	100
DISTANCE FROM	FACILITY	TO 1500FT POINT	7.19
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	3.70
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	050.06
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	100

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	211443.25N/1580900.24W
FIX NAME COORDINATES	

REMARKS

PART E: PREPARED BY

<u>NAME</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
LIAM DONAHUE (JAY BAGGETT)	AJV-A421	09/10/2025	AERONAUTICAL INFORMATION SPECIALIST

