

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

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.

<u>AIRPORT ID</u> PHLI	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 21	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>CITY</u> LIHUE	<u>STATE</u> HI		
<u>AIRPORT ELEVATION</u> 152	<u>TDZE</u> 118	<u>SUPERSEDED</u> RNAV (GPS) Y RWY 21	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 07/05/2007	<u>MAG VAR</u> 11E	<u>EPOCH YEAR</u> 1990
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 23 FEBRUARY 2023	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
NAPUA		IVATE		TF	FB	1.00	006.27	19.61	4000
IVATE	IAF	COBIK		TF	FB	1.00	304.08	5.00	2700
COBIK	IF	OPORE		TF	FB	1.00	214.06	5.00	1900
OPORE	FAF	JABDI	MAP	TF	FO	0.30	214.03	4.46	
JABDI	MAP	552 MSL		CA			214.03		
552 MSL		NAGAI		DF	FO	1.00			3000

MISSED APPROACH

MAP:
LNAV: JABDI

MISSED APPROACH INSTRUCTIONS:
CLIMBING LEFT TURN TO 3000 DIRECT NAGAI AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. PROFILE STARTS AT COBIK

3. FAC: 214.03

FAF: OPORE

DIST FAF TO MAP: 4.46

DIST FAF TO THLD: 5.46

4. MIN ALT: COBIK 2700, OPORE 1900

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

GS ANT:

6. MIN GP INCPT:

GP ALT AT FAF :

OM:

MM:

IM:

7. GP ANGLE:

34:1: IS NOT CLEAR

20:1: IS CLEAR

TCH:

8. MSA FROM: JABDI 6500

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING NA AT NIGHT.
CHART NOTE: CIRCLING NA W OF RWY 17-35.
CHART NOTE: RWY 21 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

HOLD SE, LT, 334.23 INBOUND.
CHART FAS OBST: 178 CRANE (15-026633) 215909N/1592022W.
CHART VDP AT 1.47 NM TO JABDI.
CHART CIRCLING ICON.
OPORE TO RW21: 3.05/52.

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C, D 800-2 1/2, 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
LNAV MDA	920	1 1/4	802	920	1 1/4	802	920	2 1/2	802	920	2 1/2	802			
CIRCLING	920	1 1/4	768	920	1 1/4	768	920	2 1/2	768	920	2 1/2	768			



CHANGES - REASONS

1. UPDATED AIRPORT ELEVATION FROM 153 TO 152 - NEW AIRNAV DATA.
2. CHANGED OPORE TO JABDI SEGMENT COURSE IN TERMINAL ROUTES AND FAC ON PROFILE LINE 3 FROM 214.04 TO 214.03 - NEW AIRNAV DATA.
3. UPDATED FINAL SEGMENT DISTANCE IN TERMINAL ROUTES AND DIST FAF TO MAP ON PROFILE LINE 3 FROM 4.45 TO 4.46 - PER 8260.19I, 8-6-7C(3).
4. ADDED CA LEG TO TERMINAL ROUTES - REQUIRED FOR CODING RNAV PROCEDURES, 8260.58B 3-5-2.
5. UPDATED DIST FAF TO THLD FROM 5.45 TO 5.46 ON PROFILE LINE 3 - PER 8260.19I, 8-6-7C(4).
6. CHANGED 34:1 FROM "IS CLEAR" TO "IS NOT CLEAR" AND ADDED "20:1: IS CLEAR" ON PROFILE LINE 7 - NEW EVALUATION, NO 20:1 PENETRATIONS EXIST, 34:1 PENETRATIONS EXIST, IAW 8260.19I, 8-6-7G(3).
7. DELETED CHART NOTE: DME/DME RNP-0.3 NA AND ADDED PBN REQUIREMENTS NOTE: RNP APCH - GPS. - 8260.19I, 8-6-8B2.
8. REMOVED "CIRCLING NA BETWEEN RWYS 3 AND 35" AND ADDED "CHART NOTE: CIRCLING NA W OF RWY 17-35" - NO 20:1 PENETRATIONS TO CIRCLING RWYS, FPT COORDINATED CIRCLING RESTRICTION CHANGE, FORMAT IAW 8260.19I 8-6-9A(5).
9. ADDED "CHART NOTE: RWY 21 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - 34:1 PENETRATIONS, PER 8260.19I, 8-6-11K(3).
10. ADDED CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}) - PER 8260.19H, 8-6-9M(2).
11. ADDED "CHART VDP AT 1.47 NM TO JABDI" TO ADDITIONAL FLIGHT DATA - 8260.19I, 8-6-10M.
12. ADDED CHART CIRCLING ICON TO ADDITIONAL FLIGHT DATA - IAW 8260.19I, 8-6-10S.
13. CHANGED FAS OBSTACLE FROM "208 SHIP 220000N/1591920W" TO "178 CRANE (15-026633) 215909N/1592022W" - NEW OBSTACLE EVALUATION.
14. CHANGED ALTERNATE MINIMUMS FROM "STANDARD - CAT B 900-2, CAT C 1000-2 3/4, CAT D 1000-3" TO "STANDARD - CAT C, D 800-2 1/2, NA WHEN LOCAL WEATHER NOT AVAILABLE" - IAW 8260.19I, 8-6-11B(4).
15. UPDATED LNAV MINIMUMS FROM MDA/HAT 580/462 TO MDA/HAT 920/802 AND CAT C VISIBILITY FROM 1 1/4 SM TO 2 1/2 SM, CAT D VISIBILITY FROM 1 1/2 SM TO 2 1/2 SM - NEW OBSTACLE EVALUATION WITH MA ADJUSTMENT, UPDATED 8260.3D VIS TABLES.
16. UPDATED CIRCLING MINIMUMS CAT A FROM MDA/HAT 600/447 TO MDA/HAT 920/768, CAT B FROM MDA/HAT 1000/847 TO MDA/HAT 920/768, CAT C/D FROM MDA/HAT 1060/907 TO MDA/HAT 920/768 AND CAT C VISIBILITY FROM 2 3/4 SM TO 2 1/2 SM, CAT D VISIBILITY FROM 3 SM TO 2 1/2 SM - CAT B/C/D LOWERED MINIMUMS BASED ON ILS OR LOC RWY 35 A7 FULL AMENDMENT AND MATCHING HIGHER STRAIGHT-IN MINIMA, UPDATED 8260.3D VIS TABLES.
17. NOTAM FDC 0/5017 INCORPORATED INTO THIS AMENDMENT - REQUIRED IAW 8260.19I, 8-3-4C(3).

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** LIH ATCT, HCF APP CON, ZHN, AMGR.

FLIGHT CHECKED BY

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

OFFICE**DATE**

Digitally signed by
CASIMIR L TABAKA
Mar 14, 2022

DEVELOPED BY

JON DENTON (GORDON LEMON)

Digitally signed by
CASIMIR L TABAKA

OFFICE

AJV-A432

DATE

09/09/2021

APPROVED BY

LONNIE EVERHART

Mar 14, 2022

OFFICE

AJV-A430

DATE

TITLE
MANAGER

Digitally signed by
CASIMIR L TABAKA
Mar 14, 2022

QUALITY
2
CHECKED