

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</u> HANA	<u>AIRPORT ID</u> PHHN	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 8	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> HANA	<u>STATE</u> HI	
<u>AIRPORT ELEVATION</u> 78	<u>TDZE</u> 78	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u> NONE	<u>DATED</u>	<u>MAG VAR</u> 11E	<u>EPOCH YEAR</u> 1980
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 30 JANUARY 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 20-01.

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
OGG VORTAC	IAF ←	OPANA	←	TF	FB	1.00	069.00	13.00	4800
OPANA	IF	ZOMPU		TF	FB	1.00	134.46	7.43	2500
ZOMPU	FAF	UREAS	MAP	TF	FO	0.30	108.88	5.52	
UREAS	MAP	478 MSL		CA			108.88		
478 MSL		GPYLE		DF	FO	1.00			2500

MISSED APPROACH

MAP:

LNAV: UREAS

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2500 DIRECT GPYLE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. PROFILE STARTS AT OPANA

3. FAC: 108.88 FAF: ZOMPU DIST FAF TO MAP: 5.52 DIST FAF TO THLD: 6.26

4. MIN ALT: OPANA 4800, ZOMPU 2500

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 NOT CLEAR TCH:

8. MSA FROM: UREAS 11200



PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING NA S OF RWY 8-26.

CHART NOTE: PROCEDURE NA AT NIGHT.

CHART NOTE: RWY 8 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.

CHART PLANVIEW NOTE: FINAL APPROACH COUSE OFFSET 29.86 DEGREES.

FAS OBST: 879 AAO 204834N/1560446W.

1401 AAO 204933N/1560446W.

FAC CROSSES RWY C/L EXTENDED 4500 FT FROM THLD.

HOLD E, RT, 259.11 INBOUND

MINIMUMS:

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

ALTERNATE: NA ☒

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
LNAV MDA	1500	1 1/4	1422	1500	1 1/2	1422		NA			NA				
CIRCLING	1500	1 1/4	1422	1500	1 1/2	1422		NA			NA				

CHANGES - REASONS

ORIGINAL PROCEDURE - FPT REQUEST.

06/03/19: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 12/03/18.

1. MIN ALT AT OPANA INCREASED FROM 4500 TO 4800 FEET FOR A CONSISTENT ANGLE OF DESCENT.
2. TERMINAL ROUTE OPANA TO ZOMPU COURSE, DIST AND MIN ALT CHANGED FROM 132.84/7.90/2600 TO 134.46/7.43/2500.
3. REMOVED FINAL SDF ZEDOS BASED ON LOWEST ATTAINABLE MDA OF 1500 FEET.
4. REMOVED VDA FROM PROCEDURE BASED ON FLYABILITY ISSUES.
5. DIST FROM ZOMPU TO UREAS CHANGED FROM 5.00 NM TO 5.52 NM TO MAINTAIN A CONSISTENT ANGLE OF DESCENT.

12/11/19: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 07/11/19.

TERMINAL ROUTES: ADDED "IAF" IN FIX TYPE FROM OGG VORTAC TO OPANA AND DELETED "NOPT" FROM OGG VORTAC TO OPANA.



COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: APT MGR, ST. AV DIR, HNL FSS, ATA

FLIGHT CHECKED BY
ROSS NILS LARSON

Digitally signed by
WARDELL HENNING
Dec 18, 2019

OFFICE
FIOG

DATE
10/31/2019

DEVELOPED BY
WARDELL HENNING (ANTHONY KACZKA)

Digitally signed by
WARDELL HENNING
Dec 18, 2019

OFFICE
AJV-A432

DATE
12/03/2018

APPROVED BY
PATRICK MULQUEEN

Digitally signed by
WARDELL HENNING
Dec 18, 2019

OFFICE

DATE

TITLE
MANAGER

