

**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.

<u>AIRPORT ID</u> MUE/PHMU	<u>PROCEDURE NAME</u> VOR-A	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> KAMUELA	<u>STATE</u> HI		
<u>AIRPORT ELEVATION</u> 2671	<u>TDZE</u>	<u>SUPERSEDED</u> VOR/DME-A	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 01/27/2022	<u>MAG VAR</u> 11E	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> MUE	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 26 DECEMBER 2024	<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>
VELLA INT/19.58 DME	IAF	TIGAH INT/13.17 DME	NOPT				236.97 (MUE R-057)	6.42	5000
TIGAH INT/13.17 DME	IF	KUPAU/5.08 DME					236.97 (MUE R-057)	8.09	4600

MISSED APPROACH

MAP:

ALEWA/2.80 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 5000 ON MUE VOR/DME R-234 TO JASON INT/12.53 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT**
 - SIDE OF COURSE**
 - OUTBOUND**
 - FT WITHIN**
 - MILES OF** (IAF)
1. HOLD NE TIGAH INT/13.17 DME, RT, 236.97 INBOUND, 5000 FT. IN LIEU OF PT (IAF), MAX 14000.
2. **FAC:** 236.97 **FAF:** KUPAU/5.08 DME **DIST FAF TO MAP:** **DIST FAF TO THLD:**
3. **MIN ALT:** TIGAH INT/13.17 DME 5000, KUPAU/5.08 DME 4600
4. **MSA FROM:** MUE VOR/DME 070-220 15000, 220-070 6800

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED

NOTES:

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA
CHART NOTE: CIRCLING NA NW OF RWY 4-22

ADDITIONAL FLIGHT DATA:

HOLD SW, LT, 053.75 INBOUND.
FAS OBST: 3294 AAO 200024N/1553527W.



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

ALTERNATE: NA ☒

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
CIRCLING	3680	2 3/4	1009	3680	2 3/4	1009	3680	3	1009	3980	3	1309			

CHANGES - REASONS

- PROCEDURE NAME CHANGED FROM VOR/DME-A TO VOR-A. - DME NO LONGER REQUIRED IN TITLE NAME.
- TERMINAL ROUTES: TIGAH TO KUPAU ALTITUDE CHANGED FROM 4400 TO 4600, COURSE FROM "236.96" TO "236.97", DISTANCE CHANGED FROM "8.08" TO 8.09". -NEW MITRE 3DEP TERRAIN EVALUATION CONTROLLING OBSTACLE, AND ALIGN FINAL WITH MEU VORTAC.
- MAP: ALEWA/1.30 CHANGED TO ALEWA/2.80. - PER F/C, MUE DME UNSTABLE AT CURRENT LOCATION.
- MISSED APPROACH INSTRUCTIONS: CHANGED FROM "CLIMB TO 5000 VIA MUE VOR/DME....." TO "CLIMB TO 5000 ON MUE VOR/DME.....". - IAW 8260.19J 8-6-6 D (3).
- PROFILE LINE 2: ADDED MAX HOLDING 14000. - IAW 8260.19J 8-6-7 B
- LINE 3: FAC CHANGED FROM "236.96" TO "236.97". ALIGN FINAL WITH MEU VORTAC.
- PROFILE LINE 3: REMOVED 4.50 FROM DIST FAF TO THLD. - PROCEDURE IS CIRCLING ONLY IAW 8260.19J 8-6-7 C (4)
- PROFILE LINE 4: MIN ALT AT KUPAU CHANGED FROM 4400 TO 4600. - NEW FAF ALTITUDE.
- EQUIPMENT REQUIREMENTS NOTES: ADDED DME REQUIRED. - REMOVED FROM PROCEDURE NAME
- ADDITIONAL FLIGHT DATA: FAS OBST CHANGED FROM CHART FAS OBST: "3214 TREE 200024N/1553527W" TO "3294 AAO 200024N/1553527W" -NEW 3DEP TERRAIN EVALUATION CONTROLLING OBSTACLE.
- CIRCLING CAT A/B VISIBILITY CHANGED FROM 1 1/4 SM TO 2 3/4 SM. - IAW 8260.3E 3-3-3
- CAT D CIRCLING MDA/HAA CHANGED FROM 3940/1269 TO 3980/1309. - NEW 3DEP TERRAIN EVALUATION CONTROLLING OBSTACLE

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: HONOLULU CONTROL FACILITY (HCF), AMGR

FLIGHT CHECKED BY
MATTHEW OLSTAD

Digitally signed by
DAVID DANNER
Sep 25, 2024

OFFICE
FPO

DATE
09/24/2024

DEVELOPED BY
JOHN BORDY (LEO PALMER)

Digitally signed by
LEO PALMER
Sep 04, 2024

OFFICE
AJV-A33

DATE

APPROVED BY
JOHN BORDY

Digitally signed by
DAVID DANNER
Sep 25, 2024

OFFICE
AJV-A33

DATE
12/26/2024

TITLE
MANAGER

