

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
VOR OR TACAN 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 KOA/PHKO	PROCEDURE NAME VOR OR TACAN RWY 17	ORIGINAL/AMENDMENT 1	CITY KAILUA-KONA	STATE HI
AIRPORT ELEVATION 49	TDZE 49	SUPERSEDED VOR OR TACAN RWY 17	DATED 11/05/2020	EPOCH YEAR 1990
FACILITY KOA	COORDINATES OF FACILITIES	ORIGINAL/AMENDMENT ORIG-D	MAG VAR 11E	CANCEL/SUSPEND
	ACTUAL EFFECTIVE DATE 20 FEBRUARY 2025	REQUIRED EFFECTIVE DATE 02/20/2025		

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
MUE VOR/DME		KEANY INT/MUE 8.00 DME					245.25	8.00	6800
KOA VORTAC		KAYAK INT/KOA 11.66 DME					350.65	11.66	5500
ANDES/KOA 11.66 DME CW	IAF	KAYAK INT/KOA 11.66 DME	NOPT				11.66 DME ARC		1500
TAMMI INT/KOA 22.45 DME	IAF	KAYAK INT/KOA 11.66 DME	NOPT				170.65 (KOA R-351)	10.79	1500
KEANY INT/MUE 8.00 DME	IAF	MALIA INT/MUE 16.00 DME	NOPT				245.25 (MUE R-245)	8.00	3800
MALIA INT/MUE 16.00 DME		KAYAK INT/KOA 11.66 DME					245.25 (MUE R-245)	5.48	3000
UPP VORTAC	IAF	SODZE INT/UPP 11.00 DME	NOPT				201.71	11.00	5700
SODZE INT/UPP 11.00 DME		KAYAK INT/KOA 11.66 DME					201.71 (UPP R-202)	9.48	3000
KAYAK INT/KOA 11.66 DME	IF/IAF	INECE/KOA 5.19 DME					170.65 (KOA R-351)	6.47	1000

MISSED APPROACH

MAP:

NENVE/KOA 2.19 DME

MISSED APPROACH INSTRUCTIONS:

CLIMBING RIGHT TURN TO 1800 ON KOA VORTAC R-294 TO ANDES/KOA 11.66 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- | | | | | | |
|-------|---|-------------------------|------------------|-------------------|-------|
| 1. PT | SIDE OF COURSE | OUTBOUND | FT WITHIN | MILES OF | (IAF) |
| 2. | HOLD N KAYAK INT/11.66 DME, LT, 170.65 INBOUND, 1500 FT. IN LIEU OF PT (IAF), MAX 6000. | | | | |
| 3. | FAC: 170.65 | FAF: INECE/KOA 5.19 DME | DIST FAF TO MAP: | DIST FAF TO THLD: | 3.00 |
| 4. | MIN ALT: KAYAK INT/KOA 11.66 DME 1500, INECE/KOA 5.19 DME 1000 | | | | |
| 8. | MSA FROM: KOA VORTAC 080-170 14900, 170-350 3300, 350-080 11600 | | | | |



EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON KOA VORTAC AIRWAY RADIALS 294 CW 330.
CHART PROFILE NOTE: VGSİ AND DESCENT ANGLES NOT COINCIDENT (VGSİ ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: CIRCLING NA E OF RWY 17-35.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-17 CAT E VISIBILITY TO 1 5/8 MILE.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON MUE AIRWAY RADIAL 234.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON UPP VORTAC AIRWAY RADIALS 200 CW 287.

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 113.67 INBOUND.
FAS OBST: 238 TREE 194536N/1560127W.
CHART VDP AT 3.68 DME.
DISTANCE VDP TO THLD 1.49 NM.
CHART KOA R-294 AT ANDES.
FAC CROSSES RWY C/L EXTENDED 3000 FT FROM THLD.
CHART CIRCLING ICON.
INECE TO RW17: 2.82/54.

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-17	600	1/2	551	600	1/2	551	600	1 1/8	551	600	1 1/8	551	600	1 1/8	551
CIRCLING	600	1	551	600	1	551	600	1 5/8	551	600	2	551	600	2	551

CHANGES - REASONS

- AIRPORT ELEVATION AND TDZE CHANGED FORM "47" TO "49" - CONSTRUCTION, NEW DATA.
- MISSED APPROACH INSTRUCTIONS: UPDATED FROM "CLIMBING RIGHT TURN TO 1500 ON KOA VORTAC R-294 TO ANDES/KOA 11.66 DME AND HOLD" TO "CLIMBING RIGHT TURN TO 1800 ON KOA VORTAC R-294 TO ANDES/KOA 11.66 DME AND HOLD" - ALTITUDE CHANGE FOR AIRSPACE, FPT REQUEST.
- PROFILE LINE 8: UPDATED 350-080 FROM "11500" TO "11600" - UPDATED CONTROLLING OBSTACLE.
- NOTES: UPDATE CHART NOTE FROM "CIRCLING NA EAST OF RWY 17-35" TO "CIRCLING NA E OF RWY 17-35" - IAW 8260.19J 8-6-12 O (5).
- NOTES: UPDATE CHART NOTE FROM " FOR INOPERATIVE ALS, INCREASE S-17 CAT A, B VISIBILITY TO 1 MILE, CAT E VISIBILITY TO 1 5/8 MILE" TO "FOR INOPERATIVE ALS, INCREASE S-17 CAT E VISIBILITY TO 1 5/8 MILE" - UPDATED TARGETS EVALUATION/MINIMUMS.
- NOTES: UPDATED FROM "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON KOA VORTAC AIRWAY RADIALS 294 CW 327" TO "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON KOA VORTAC AIRWAY RADIALS 294 CW 330" - ADDED AIRWAY T344.
- NOTES: ADDED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON MUE AIRWAY RADIAL 234" - IAW 8260.19J 8-2-5(G)(2).
- NOTES: ADDED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON UPP VORTAC AIRWAY RADIALS 200 CW 287" - IAW 8260.19J 8-2-5(G)(2).
- ADDITIONAL FLIGHT DATA: UPDATED CHART FAS OBST FROM "224 TREE 194547N/1560132W" TO "238 TREE 194536N/1560127W" - UPDATED FAS OBSTACLE.
- ADDITIONAL FLIGHT DATA: UPDATED VDP FROM "3.76 DME" TO "3.68" - UPDATED VDP LOCATION.
- ADDITIONAL FLIGHT DATA: UPDATED FAC CROSSES C/L EXTENDED FROM "3005 FT FROM THLD" TO "3000 FT FROM THLD" - UPDATED LOCATION.
- MINIMUMS: UPDATED S-17 ALL CATS HAT FROM "553" TO "551", AND CAT A/B VIS FROM "3/4" TO "1/2" - FPT REQUEST CHECKLIST, UPDATED AIRPORT/TDZE ELEVATION.
- MINIMUMS: UPDATED CIRCLING ALL CATS HAA FROM "553" TO "551" - FPT REQUEST CHECKLIST, UPDATED AIRPORT/TDZE ELEVATION.

01/13/2025: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 08/12/2024.
1. CHANGED REQUIRED EFFECTIVE DATE FROM ROUTINE TO 02/20/2025. -HARD DATED



COORDINATED WITH:

A4A

X

ALPA

X

AOPA

X

APA

X

HAI

NBAA

X

OTHER:

ZHN CERAP, KOA ATCT, HNL FSDO, AMGR, USAF

FLIGHT CHECKED BY

PENDING

Digitally signed by

RAKE MCGRAW

Jan 13, 2025

OFFICE

DATE

DEVELOPED BY
DANIEL WESTON

Digitally signed by

DANIEL L WESTON

Oct 24, 2024

OFFICE
AJV-A422

DATE
08/12/2024

APPROVED BY
RAKE MCGRAW

Digitally signed by

RAKE MCGRAW

Jan 13, 2025

OFFICE
AJV-A422

DATE

TITLE
MANAGER

