

**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 35	ORIGINAL/AMENDMENT 2	CITY KAILUA-KONA	STATE HI
AIRPORT ELEVATION 45	TDZE 40	SUPERSEDED VOR OR TACAN RWY 35	DATED 02/20/2025	MAG VAR 11E
FACILITY KOA	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 12 JUNE 2025	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
KOA VORTAC		CIGAK/KOA 11.66 DME					191.00	11.66	3700
ANDES/KOA 11.66 DME CCW	IAF	CIGAK/KOA 11.66 DME					11.66 DME ARC		2000
CIGAK/KOA 11.66 DME	IF/IAF	YUCUV/KOA 4.48 DME					011.00 (KOA R-191)	7.18	1500

MISSED APPROACH

MAP:

KOA VORTAC

MISSED APPROACH INSTRUCTIONS:

CLIMBING LEFT TURN TO 2000 ON KOA VORTAC R-294 TO ANDES/KOA 11.66 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
- HOLD S CIGAK/11.66 DME, RT, 011.00 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 4000.
- FAC:** 011.00 **FAF:** YUCUV/KOA 4.48 DME **DIST FAF TO MAP:** **DIST FAF TO THLD:** 4.80
- MIN ALT:** CIGAK/KOA 11.66 DME 2000, YUCUV/KOA 4.48 DME 1500
- MSA FROM:** KOA VORTAC 080-170 14900, 170-350 3300, 350-080 11600



EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH (FEET)).
 CHART NOTE: CIRCLING NA E OF RWY 17-35.
 CHART PLANVIEW NOTE: PROCEDURES NA FOR ARRIVALS ON KOA VORTAC AIRWAY RADIAL 158.

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 113.67 INBOUND.
 CHART FAS OBST: 277 TREE 194254N/1560136W.
 CHART VDP AT 1.19 DME.
 DISTANCE VDP TO THLD 1.52 NM.
 CHART KOA R-294 AT ANDES.
 FAC CROSSES RWY C/L EXTENDED 5180 FT FROM THLD.
 CHART CIRCLING ICON.
 YUCUV TO RW35: 2.75/60.

MINIMUMS:

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

ALTERNATE: NA STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

<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>
S-35	600	1	560	600	1	560	600	1 5/8	560	600	1 5/8	560	600	1 5/8	560
CIRCLING	600	1	555	600	1	555	600	1 5/8	555	600	2	555	600	2	555

CHANGES - REASONS

- AIRPORT ELEVATION CHANGED FROM "49" TO "45" - AIRPORT CONSTRUCTION, NEW DATA.
- TDZE ELEVATION CHANGED FROM "45" TO "40" - AIRPORT CONSTRUCTION, NEW DATA.
- TERMINAL ROUTES: UPDATED FINAL FROM "CIGAK/KOA 11.66 DME TO YUCUV/KOA 3.84 DME" TO "CIGAK/KOA 11.66 DME TO YUCUV/KOA 4.48 DME", AND DISTANCE FROM "7.82" TO "7.18" - FAF MOVED 0.64 NM SOUTH FOR AIRPORT CONSTRUCTION.
- PROFILE LINE 3: UPDATED FAF FROM " YUCUV/KOA 3.84 DME" TO " YUCUV/KOA 4.48 DME", AND DIST FAF TO THLD FROM "4.80" TO "4.48" - FAF MOVED 0.64 NM SOUTH FOR AIRPORT CONSTRUCTION.
- PROFILE LINE 4: UPDATED MIN ALT YUCUV FROM " YUCUV/KOA 3.84 DME 1500" TO " YUCUV/KOA 4.48 DME 1500" - FAF MOVED 0.64 NM SOUTH FOR AIRPORT CONSTRUCTION.
- ADDITIONAL FLIGHT DATA: UPDATED FROM "CHART FAS OBST: 342 TREE 194330N/1560118W" TO "CHART FAS OBST: 277 TREE 194254N/1560136W" - UPDATED FAS OBSTACLE.
- ADDITIONAL FLIGHT DATA: UPDATED VDP FROM "CHART VDP AT 0.56 DME" TO "CHART VDP AT 1.19 DME" - NEW EVALUATION FOR AIRPORT CONSTRUCTION.
- ADDITIONAL FLIGHT DATA: UPDATED DISTANCE VDP TO THLD FROM "1.57 NM" TO "1.52 NM" - NEW EVALUATION FOR AIRPORT CONSTRUCTION.
- ADDITIONAL FLIGHT DATA: UPDATED FAC FROM "FAC CROSSES RWY C/L EXTENDED 9182 FT FROM THLD" TO "FAC CROSSES RWY C/L EXTENDED 5180 FT FROM THLD" - NEW EVALUATION FOR AIRPORT CONSTRUCTION.
- MINIMUMS: UPDATED S-35: CAT A/B VIS / HAT FROM "1 1/4 555" TO "1 / 560", AND CAT C/D/E HAT FROM "555" TO "560" - TDZE CHANGE, IAW 8260.3E TABLE 3-3-1.
- MINIMUMS: UPDATED CIRCLING: CAT A/B VIS / HAA FROM "1 1/4 / 551" TO "1 / 555", AND CAT C/D/E HAA FROM "551" TO "555" - AIRPORT ELEVATION CHANGE, IAW 8260.3E TABLE 3-3-1.



COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZHN CERAP, KOA ATCT, HNL FSDO, AMGR, USAF

FLIGHT CHECKED BY

MATTHEW A HAUG

Digitally signed by

ALLAN WILL

Apr 11, 2025

OFFICE

AJF

DATE

03/28/2025

DEVELOPED BY

DANIEL WESTON

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DANIEL L WESTON

Feb 03, 2025

OFFICE

AJV-A422

DATE

11/18/2024

APPROVED BY

RAKE MCGRAW

Digitally signed by

ALLAN WILL

Apr 11, 2025

OFFICE

AJV-A422

DATE

TITLE
MANAGER

