

**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.

<u>AIRPORT ID</u> KOA/PHKO	<u>PROCEDURE NAME</u> VOR OR TACAN RWY 35	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> KAILUA-KONA	<u>STATE</u> HI
<u>AIRPORT ELEVATION</u> 51	<u>TDZE</u> 40	<u>SUPERSEDED</u> VOR OR TACAN RWY 35	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 06/12/2025
<u>FACILITY</u> KOA	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 27 NOVEMBER 2025	<u>REQUIRED EFFECTIVE DATE</u> 11/27/2025	<u>MAG VAR</u> 11E
				<u>EPOCH YEAR</u> 1990
				<u>CANCEL/SUSPEND</u>

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	NOPT				11.66 DME ARC	20.89	2000
CIGAK/KOA 11.66 DME	IF/IAF	YUCUV/KOA 4.08 DME					011.00 (KOA R-191)	7.58	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:

- | | | | | | |
|--|-------------------------|----------|------------------|-------------------|-------|
| 1. PT | SIDE OF COURSE | OUTBOUND | FT WITHIN | MILES OF | (IAF) |
| 2. HOLD S CIGAK/11.66 DME, RT, 011.00 INBOUND, 2000 IN LIEU OF PT (IAF), MAX 4000. | | | | | |
| 3. FAC: 011.00 | FAF: YUCUV/KOA 4.08 DME | | DIST FAF TO MAP: | DIST FAF TO THLD: | 4.40 |
| 4. MIN ALT: CIGAK/KOA 11.66 DME 2000, YUCUV/KOA 4.08 DME 1500 | | | | | |
| 8. 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.
FAS OBST: 277 TREE 194254N/1560136W.
CHART VDP AT 1.20 DME.
DISTANCE VDP TO THLD 1.53 NM.
CHART KOA R-294 AT ANDES.
FAC CROSSES RWY C/L EXTENDED 5180 FT FROM THLD.
YUCUV TO RW35: 3.00/60.

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-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	549	600	1	549	600	1 5/8	549	620	2	569	620	2	569

CHANGES - REASONS

- AIRPORT ELEVATION CHANGED FROM "45" TO "51" - AIRPORT CONSTRUCTION, NEW DATA.
- TERMINAL ROUTES: ADDED DISTANCE FOR ANDES/KOA 11.66 DME CCW TO CIGAK/KOA 11.66 DME "20.89" - IAW 8260.18J 8-6-4 B.
- TERMINAL ROUTES: UPDATED FINAL LEG TO FIX / DISTANCE FROM "YUCUV/KOA 4.48 DME / 7.18" TO "YUCUV/KOA 4.08 DME / 7.58" - FAF MOVED 0.40 NM SOUTH FOR UPDATING GP ANGLE TO 3.00.
- PROFILE LINE 3: UPDATED FAF FROM " YUCUV/KOA 4.48 DME" TO " YUCUV/KOA 4.08 DME", AND DIST FAF TO THLD FROM "4.80" TO "4.40" - FAF MOVED 0.40 NM SOUTH FOR UPDATING GP ANGLE TO 3.00.
- PROFILE LINE 4: UPDATED MIN ALT YUCUV FROM " YUCUV/KOA 4.48 DME 1500" TO " YUCUV/KOA 4.08 DME 1500" - FAF MOVED 0.40 NM SOUTH FOR UPDATING GP ANGLE TO 3.00.
- ADDITIONAL FLIGHT DATA: UPDATED VDP FROM "CHART VDP AT 1.19 DME" TO "CHART VDP AT 1.20 DME" - NEW EVALUATION.
- ADDITIONAL FLIGHT DATA: UPDATED DISTANCE VDP TO THLD FROM "1.52 NM" TO "1.53 NM" - NEW EVALUATION.
- ADDITIONAL FLIGHT DATA: REMOVED "CHART CIRCLING ICON" - NOT REQUIRED.
- ADDITIONAL FLIGHT DATA: UPDATED GPA/TCH FROM "YUCUV TO RW35: 2.75/60" TO "YUCUV TO RW35: 3.00/60" - UPDATED GPA.
- MINIMUMS: UPDATED CIRCLING: CAT A/B/C HAA FROM "555" TO "549", AND CAT D/E MDA/ HAA FROM "600 / 555" TO "620 / 569" - AIRPORT ELEVATION CHANGE IAW 8260.3G 3-2-1 D.



COORDINATED WITH:

A4A

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ALPA

☒

AOPA

☒

APA

☒

HAI

☐

NBAA

☒

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

FLIGHT CHECKED BY

KENNETH E JACK

Digitally signed by

ROBERT G HAMILTON

Oct 20, 2025

OFFICE

AJF

DATE

10/08/2025

DEVELOPED BY

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Oct 20, 2025

OFFICE

AJV-A422

DATE

06/27/2025

APPROVED BY

RAKE MCGRAW

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Oct 20, 2025

OFFICE

AJV-A422

DATE

TITLE

MANAGER

