

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

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> ILS OR LOC RWY 17	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> KAILUA-KONA	<u>STATE</u> HI
<u>AIRPORT ELEVATION</u> 51	<u>TDZE</u> 51	<u>SUPERSEDED</u> ILS OR LOC RWY 17	<u>ORIGINAL/AMENDMENT</u> 2D	<u>DATED</u> 02/20/2025
<u>FACILITY</u> I-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> 1985
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
UPP VORTAC		GEYEN INT/UPP 11.00 DME					209.68	11.00	5600
GEYEN INT/UPP 11.00 DME		BAYCA INT/I-KOA 16.99 DME					209.68 (UPP R-210)	4.49	4500
BAYCA INT/I-KOA 16.99 DME	IAF	VECKI INT/I-KOA 12.39 DME					173.82	4.60	3000
MUE VOR/DME	IAF	ZAPSO INT/MUE 8.00 DME					247.27	8.00	6800
ZAPSO INT/MUE 8.00 DME		VECKI INT/I-KOA 12.39 DME					247.27 (MUE R-247)	12.73	3000
TAMMI INT/KOA 22.45 DME	IAF	VECKI INT/I-KOA 12.39 DME					128.83 (HDG129) & 173.82 (I-KOA R-354)	1.55 & 8.74	3000
VECKI INT/I-KOA 12.39 DME	IF	GILLZ/I-KOA 6.36 DME					173.82 (I-KOA)	6.03	1500

MISSED APPROACH

MAP:

ILS: DA
LOC: I-KOA 1.99 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 500 THEN CLIMBING RIGHT TURN TO 5000 ON KOA VORTAC R-294 TO ANDES/KOA VORTAC 11.66 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 500 THEN CLIMBING LEFT TURN TO 5000 ON UPP VORTAC R-186 TO WERAK/UPP VORTAC 42.36 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000.

PROFILE:

- PT
- SIDE OF COURSE
- OUTBOUND
- FT WITHIN
- MILES OF (IAF)
1. PROFILE STARTS AT VECKI INT/I-KOA 12.39 DME
2. FAC: 173.82 FAF: GILLZ/I-KOA 6.36 DME DIST FAF TO MAP: DIST FAF TO THLD: 4.37
3. MIN ALT: VECKI INT/I-KOA 12.39 DME 3000, GILLZ/I-KOA 6.36 DME 1500
4. DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: 1149
5. MIN GS INCPT: 1500 GS ALT AT PFAF: GILLZ/I-KOA 6.36 DME 1500 OM: MM: IM:
6. GS ANGLE: 3.00 34:1: 20:1: TCH: 57.5
7. MSA FROM: KOA VORTAC 080-170 14900, 170-350 3300, 350-080 11600

QUALITY
37
CHECKED

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 500.
CHART NOTE: CIRCLING NA EAST OF RWY 17-35.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON UPP VORTAC AIRWAY RADIALS 200 CW 266.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TAMMI ON T342 NORTHBOUND AND ARRIVALS AT MUE VOR/DME ON V3 NORTHWEST BOUND.
CHART PROFILE NOTE: USE I-KOA DME WHEN ON THE LOCALIZER COURSE.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 17 CAT E VISIBILITY TO 3/4 SM AND S-LOC 17 CATS C/D/E VISIBILITY TO 1 1/8 SM.

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 113.67 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD S WERAK/UPP VORTAC 42.36 DME, LT, 006.24 INBOUND.
FAS OBST: 200 AAO 194915N/1560218W.
CHART VDP AT 3.03 DME.
DISTANCE VDP TO THLD 1.05 NM.
CHART IN PLANVIEW: WERAK/UPP VORTAC 42.36 DME.

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN TOWER CLOSED.; LOC: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN TOWER CLOSED.

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-ILS 17	251	1/2	200	251	1/2	200	251	1/2	200	251	1/2	200	251	1/2	200
S-LOC 17	460	1/2	409	460	1/2	409	460	3/4	409	460	3/4	409	460	3/4	409
CIRCLING	520	1	469	520	1	469	520	1 1/2	469	620	2	569	620	2	569



CHANGES - REASONS

1. AIRPORT AND TDZE ELEVATION CHANGED FROM "49" TO "51" - AIRPORT CONSTRUCTION, AIRNAV DATA
2. TERMINAL ROUTES: TAMMI TO VECKI DR INITIAL LEG, UPDATED DISTANCE FROM "1.55 & 8.73" TO "1.55 & 8.74" - NEW DISTANCE CALCULATION.
3. TERMINAL ROUTES: VECKI TO EGIPT INTERMEDIATE LEG UPDATE TO NAME FROM "EGIPT/I-KOA 6.38 DME" TO "GILLZ/I-KOA 6.36 DME" AND UPDATED DISTANCE FROM "6.01" TO "6.03" - NEW FAF NAME AND FAF UPDATED LOCATION.
4. MISSED APPROACH INSTRUCTIONS: UPDATED FROM "CLIMB TO 460 THEN CLIMBING RIGHT TURN TO 5000 ON KOA VORTAC R-294 TO ANDES/KOA VORTAC 11.66 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000" TO "CLIMB TO 500 THEN CLIMBING RIGHT TURN TO 5000 ON KOA VORTAC R-294 TO ANDES/KOA VORTAC 11.66 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000" - UPDATED CA.
5. ALTERNATE MISSED APPROACH INSTRUCTIONS: UPDATED FROM "CLIMB TO 5000 ON I-KOA LOCALIZER S COURSE 174 TO WERAK/I-KOA 11.82 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000" TO "CLIMB TO 500 THEN CLIMBING LEFT TURN TO 5000 ON UPP VORTAC R-186 TO WERAK/UPP VORTAC 42.36 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000" - NAVAID UPDATED FROM I-KOA TO UPP.
6. PROFILE LINE 3: UPDATED FAF FROM "EGIPT/I-KOA 6.38 DME" TO "GILLZ/I-KOA 6.36 DME" AND UPDATED DIST FAF TO THLD FROM "4.39" TO "4.37" - FAF NAME AND LOCATION CHANGE.
7. PROFILE LINE 4: UPDATED MIN ALT FROM "VECKI INT/I-KOA 12.39 DME 3000, EGIPT/I-KOA 6.38 DME 1500" TO "VECKI INT/I-KOA 12.39 DME 3000, GILLZ/I-KOA 6.36 DME 1500" - FAF NAME AND LOCATION CHANGE.
8. PROFILE LINE 6: GS ALT AT PFAF UPDATED FROM "EGIPT/I-KOA 6.38 DME 1500" TO "GILLZ/I-KOA 6.36 DME 1500" - FAF NAME AND LOCATION CHANGE.
9. PROFILE LINE 7: TCH UPDATED FROM "55.1" TO "57.5" - TCH DESIGN UPDATE.
10. NOTES: UPDATED INOP ALS FROM "CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 17 CAT E VISIBILITY TO 3/4 SM AND S-LOC 17 CATS C, D, E VISIBILITY TO 1 SM" TO "CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 17 CAT E VISIBILITY TO 3/4 SM AND S-LOC 17 CATS C/D/E VISIBILITY TO 1 1/8 SM" - 8260.19J 8-6-12O(3)(D) 8260.3G TABLE 3-3-1.
11. ADDITIONAL FLIGHT DATA: ALTERNATE MA HOLDING UPDATED FROM "CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD S WERAK/I-KOA 11.82 DME, LT, 353.82 INBOUND" TO "CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD S WERAK/UPP VORTAC 42.36 DME, LT, 006.24 INBOUND" - NAVAID UPDATED FROM I-KOA TO UPP.
12. ADDITIONAL FLIGHT DATA: UPDATED FAS OBST FROM "CHART FAS OBST: 65 GROUND (PKOA0014) 194532N/1560232W" TO "FAS OBST: 200 AAO 194915N/1560218W" - NEW EVALUATION.
13. ADDITIONAL FLIGHT DATA: UPDATED VDP FROM "CHART VDP AT 2.93 DME." TO "CHART VDP AT 3.03 DME" - NEW EVALUATION.
14. ADDITIONAL FLIGHT DATA: UPDATED DISTANCE VDP FROM "DISTANCE VDP TO THLD 0.94 NM" TO "DISTANCE VDP TO THLD 1.05 NM" - NEW EVALUATION.
15. ADDITIONAL FLIGHT DATA: UPDATED WERAK FROM "CHART IN PLANVIEW: WERAK/I-KOA 11.82 DME" TO "CHART IN PLANVIEW: WERAK/UPP VORTAC 42.36 DME" - NAVAID UPDATED FROM I-KOA TO UPP.
16. ADDITIONAL FLIGHT DATA: REMOVED "CHART CIRCLING ICON" - NOT REQUIRED.
17. MINIMUMS: ALTERNATE UPDATED FROM "ILS: STANDARD - NA WHEN TOWER CLOSED.; LOC: STANDARD - NA WHEN TOWER CLOSED" TO "ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN TOWER CLOSED.; LOC: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN TOWER CLOSED" - IAW 8260.19J 8-6-12.
17. MINIMUMS: UPDATED S-ILS 17 DA ALL CATS FROM "249" TO "251" - TDZE ELEVATION CHANGE.
18. MINIMUMS: UPDATED S-LOC 17 DA / HAT ALL CATS FROM "400 / 351" TO "460 / 409" AND VIS CATS C/D/E FROM "5/8" TO "3/4" - NEW CONTROLLING OBSTACLE AND 8260.3G TABLE 3-3-1.
19. MINIMUMS: UPDATED CIRCLING HAA CATS A/B/C FROM "471" TO "469" AND MDA / HAA CATS D/E FROM "600 / 551" TO "620 / 569" - AIRPORT ELEVATION CHANGE.

COORDINATED WITH:

A4A

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ALPA

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AOPA

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APA

☒

HAI

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NBAA

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OTHER:ZHN CERAP, KOA ATCT, HNL FSDO, APT MGR, USAF

FLIGHT CHECKED BY

PENDING

DEVELOPED BY
DANIEL WESTON

APPROVED BY
RAKE MCGRAW

Digitally signed by
ROBERT G HAMILTON
Oct 20, 2025

Digitally signed by
ROBERT G HAMILTON
Oct 20, 2025

Digitally signed by
ROBERT G HAMILTON
Oct 20, 2025

OFFICE

OFFICE
AJV-A422

OFFICE
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DATE

DATE
07/01/2025

DATE

TITLE
MANAGER

