

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

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 RNAV (GPS) Y RWY 17	ORIGINAL/AMENDMENT 4	CITY KAILUA-KONA	STATE HI
AIRPORT ELEVATION 51	TDZE 51	SUPERSEDED RNAV (GPS) Y RWY 17	DATED 06/12/2025	MAG VAR 11E
FACILITY RNAV	COORDINATES OF FACILITIES	ORIGINAL/AMENDMENT 3	REQUIRED EFFECTIVE DATE 11/27/2025	EPOCH YEAR 1985
		ACTUAL EFFECTIVE DATE 27 NOVEMBER 2025	CANCEL/SUSPEND	

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>
KOA VORTAC		VECKI		TF	FO	1.00	353.14	12.58	3000
MUE VOR/DME	IAF	ZAPSO	NOPT	TF	FB	1.00	247.27	8.00	6800
ZAPSO		VECKI		TF	FB	1.00	247.23	12.73	3000
UPP VORTAC	IAF	SODZE	NOPT	TF	FB	1.00	201.71	11.00	5700
SODZE		VECKI		TF	FB	1.00	201.68	8.41	3000
TAMMI	IAF	VECKI	NOPT	TF	FB	1.00	167.48	9.89	3000
VECKI	IF/IAF	GILLZ		TF	FB	1.00	173.83	6.03	1500
GILLZ	FAF	RW17	MAP	TF	FO	0.30	173.82	4.37	
RW17	MAP	451 MSL		CA			173.82		
451 MSL		HASOG		DF	FB	1.00			
HASOG		PILPE		TF	FB	1.00	263.81	10.00	
PILPE		AMERY		TF	FO	1.00	328.14	26.74	5000

MISSED APPROACH

MAP:

LNAV/VNAV: DA
LNAV: RW17

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 5000 DIRECT HASOG AND ON TRACK 263.81 TO PILPE AND ON TRACK 328.14 TO AMERY AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD N VECKI, RT, 173.83 INBOUND, 3000 IN LIEU OF PT (IAF), MAX 5500.														
3.	FAC:	173.82	FAF:	GILLZ	DIST FAF TO MAP:	4.37	DIST FAF TO THLD:	4.37							
4.	MIN ALT:	VECKI 3000, GILLZ 1500													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		493 HAT:	1.37	GS ANT:				
6.	MIN GP INCPT:	1500	GP ALT AT PFAF:	GILLZ 1500					OM:		MM:			IM:	
7.	GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR	TCH:	57.5							
8.	MSA FROM:	RW17 14200													

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING NA E OF RWY 17-35.
CHART NOTE: WAAS VNAV NA.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -5°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON UPP VORTAC AIRWAY RADIALS 200 CW 287.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON KOA VORTAC AIRWAY RADIALS 294 CW 351.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON MUE VOR/DME AIRWAY RADIAL 234.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 3/8 SM AND INCREASE LNAV CAT C & D VISIBILITY TO 1 3/4 SM.

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 113.67 INBOUND.
FAS OBST: 208 SHIP 194853N/1560220W.
CHART VDP AT 1.67 NM TO RW17.

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
LNAV/VNAV DA	544	1	493	544	1	493	544	1	493	544	1	493			
LNAV MDA	660	1/2	609	660	1/2	609	660	1 3/8	609	660	1 3/8	609			
CIRCLING	660	1	609	660	1	609	660	1 3/4	609	660	2	609			



CHANGES - REASONS

1. AIRPORT AND TDZE ELEVATION CHANGED FROM "45" TO "51" - AIRPORT CONSTRUCTION, AIRNAV DATA.
2. TERMINAL ROUTES: UPDATED IF SEGMENT VECKI TO GILLZ DISTANCE FROM "6.68" TO "6.03" - FAF/GILLZ MOVED .65 NM NORTH.
3. TERMINAL ROUTES: UPDATED FINAL GILLZ TO RW17 DISTANCE FROM "4.38" TO "4.37" - FAF/GILLZ MOVED .65 NM NORTH.
4. TERMINAL ROUTES: UPDATED FROM "RW17 TO 445 MSL" TO "RW17 TO 451 MSL" - NEW TDZE.
5. TERMINAL ROUTES: UPDATED FROM "445 MSL TO HASOG" TO "451 MSL TO HASOG"- NEW TDZE.
6. PROFILE LINE 3: UPDATED DIST FAF TO MAP AND DIST FAF TO THLD FROM "4.38" TO "4.37" - FAF MOVED .65 NM NORTH.
7. PROFILE LINE 5: UPDATED FROM "495 HAT: 1.37" TO "493 HAT: 1.37" - TDZE CHANGE.
8. PROFILE LINE 7: UPDATED TCH FROM "59.7" TO "57.5" - ILS DESIGN TCH.
9. PROFILE LINE 8: UPDATED FROM "MSA FROM: RW17 14500" TO "RW17 14200" - NEW CONTROLLING OBSTACLE.
10. NOTES: ADDED "CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" - TCH CHANGED TO MATCH ILS DESIGN TCH.
11. NOTES: ADDED "CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 3/8 SM AND INCREASE LNAV CAT C & D VISIBILITY TO 1 3/4 SM" - IAW 8260.19J 8-6-10 (3).
12. NOTES: UPDATED FROM "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON KOA VORTAC AIRWAY RADIALS 294 CW 330" TO "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON KOA VORTAC AIRWAY RADIALS 294 CW 351" - IAW 8260.19J 8-6-6 D.(11).
13. ADDITIONAL FLIGHT DATA: REMOVED "CHART CIRCLING ICON" - NO LONGER REQUIRED.
14. ADDITIONAL FLIGHT DATA: UPDATED FROM "FAS OBST: 208 SHIP 194857N/1560220W" TO "FAS OBST: 208 SHIP 194853N/1560220W" - NEW CONTROLLING OBSTACLE.
15. MINIMUMS: ADDED LNVAVNAV ALL CATS DA / VIS / HAT "540 / 1 / 495" - ATC/FPT REQUEST.
16. MINIMUMS: UPDATED LNAV DA / HAT ALL CATS FROM "640 / 595" TO "660 / 609", CATS C/D VIS FROM "1 1/4" TO "1 3/8" - NEW TDZE IAW 8260.3G TABLE 3-3-1.
17. MINIMUMS: UPDATED CIRCLING MDA / HAA ALL CATS FROM "640 / 595" TO "660 / 609" - NEW TDZE.

COORDINATED WITH:

A4A

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ALPA

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AOPA

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APA

☒

HAI

☐

NBAA

☒

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

FLIGHT CHECKED BY

PENDING

DEVELOPED BY
DANIEL WESTON

APPROVED BY
RAKE MCGRAW

Digitally signed by
ROBERT G HAMILTON
Oct 20, 2025

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Oct 20, 2025

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Oct 20, 2025

OFFICE

OFFICE
AJV-A422

OFFICE
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DATE

DATE
07/01/2025

DATE

TITLE
MANAGER

