

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

Bearings, headings, courses, 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 in feet RVR.

TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE												
UPP VORTAC	GEYEN INT/UPP 11.00 DME	209.68 / 11.00	5600	ILS: DA LOC: I-KOA 1.99 DME FIX											
GEYEN INT/UPP 11.00 DME	BAYCA INT/I-KOA LOC 16.99 DME	209.68 / 4.49 (UPP R-210)	4500												
BAYCA INT/I-KOA LOC 16.99 DME (IAF)	VECKI INT/I-KOA 12.39 DME	173.82 / 4.60 (I-KOA)	3000	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, OR AS DIRECTED BY ATC.											
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 / 12.73 (MUE R-247)	3000	ALTERNATE MA: CLIMB TO 5000 ON I-KOA S COURSE TO WERAK/I-KOA 11.82 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000.											
TAMMI INT/KOA VORTAC 22.45 DME (IAF)	VECKI INT/I-KOA 12.39 DME	129.00 / 1.55 (HDG) & 173.82 / 8.73 (I-KOA)	3000												
VECKI INT/I-KOA 12.39 DME (IF)	EGIPT/I-KOA 6.38 DME	173.82 / 6.01 (I-KOA)	1500												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT VECKI 3. FAC: 173.82 FAF: EGIPT/I-KOA 6.38 DME DIST FAF TO MAP: <u> </u> THLD: 4.39 4. MIN. ALT: VECKI 3000, EGIPT 1500 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: 1149 6. MIN GS INCPT: 1500 GS ALT AT: EGIPT 1500 OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: 3.00 TCH: 55.1 8. MSA FROM: KOA VORTAC 080-170 14900, 170-350 3300, 350-080 11500				ADDITIONAL FLIGHT DATA: HOLD NW, RT, 113.67 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD S WERAK/I-KOA 11.82 DME, LT, 353.82 INBOUND. CHART FAS OBST: 65 GROUND 194532N/1560232W CHART VDP AT 2.93 DME; DISTANCE VDP TO THLD 0.94 MILES. *LOC ONLY. CHART (QEJXO) AT INTERSECTION OF TAMMI DR LEG AND INTERMEDIATE COURSE. CHART IN PLANVIEW: WERAK/I-KOA 11.82 DME.											
								MAG VAR: 11E EPOCH YEAR: 1985							
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A		ILS: STANDARD #		LOC: STANDARD @							
CATEGORY ==>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 17	247	1/2	200	247	1/2	200	247	1/2	200	247	1/2	200	247	1/2	200
S-LOC 17	400	1/2	353	400	1/2	353	400	5/8	353	400	5/8	353	400	5/8	353
CIRCLING	520	1	473	520	1	473	520	1 1/2	473	600	2	553	600	2	553
NOTES: CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-ILS 17 CAT E VISIBILITY TO 3/4 MILE AND S-LOC 17 CATS C, D, E VISIBILITY TO 1 MILE. CHART NOTE: CIRCLING NA EAST OF RWY 17-35. CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 415. (SEE FORM 8260-10)															
CITY AND STATE				ELEVATION: 47 THRE: 47		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
KAILUA/KONA, HI				AIRPORT NAME:		I-KOA		ILS OR LOC/DME RWY 17, AMDT 2, 08/25/2011				AMDT: 1			
				KONA INTL AT KEAHOE				25 AUG 2011				DATED 02/11/2010			

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NOTES, (CONT.):

CHART NOTE: DME REQUIRED.

CHART PROFILE NOTE: USE I-KOA DME WHEN ON THE LOCALIZER COURSE.

QUALITY
4
CHECK

CITY AND STATE KAILUA/KONA, HI	ELEVATION: 47 AIRPORT NAME: KONA INTL AT KEAHOLE	THRE: 47 FACILITY IDENTIFIER: I-KOA	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC/DME RWY 17, AMDT 2, 08/25/2011 25 AUG 2011	SUP:
				AMDT: 1
				DATED: 02/11/2010

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - FAR PART 97.29

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ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	MUE	MUE	010	IAF	IF		FB					
	MUE	ZAPSO	020		TF		FB				AA 06800	
	MUE	ZAPSO	030		FC		FB		247.3()	010.7	AA 03000	
	MUE	VECKI	040		CF		FB		247.3()	002.0	AA 03000	
	TAMMI	TAMMI	010	IAF	IF		FB					
	TAMMI	QEJXO	020		TF		FB				AA 03000	
	TAMMI	VECKI	030		CF		FB		173.8()	008.7	AA 03000	
	UPP	UPP	010		IF		FB					
	UPP	GEYEN	020		TF		FB				AA 05600	
	UPP	BAYCA	030	IAF	TF		FB				AA 04500	
	UPP	VECKI	040		CF		FB		173.8()	004.6	AA 03000	
		VECKI	010	FACF	IF		FB				AA 03000	GI 01500
		EGIPT	020	FAF	CF		FB		174.0()	006.0	GI 01500	GS 01500
		RW17	030	MAP	CF		FO		174.0()	004.4	AT 00102	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		173.8()		AA 00460	
	ANDES	050		CF	R	FO		293.7()	011.0	AA 05000	
	ANDES	060		HM	R	FO		113.7()	001.0	AA 05000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	KOA	N194302.06	W1560241.71	N1943.034	W15602.695
	MUE	N195953.00	W1554011.50	N1959.883	W15540.192
	UPP	N201201.95	W1555035.76	N2012.033	W15550.596
	IKOA (DME)	N194314.79	W1560252.25	N1943.247	W15602.871
	ANDES	N194941.21	W1561251.98	N1949.687	W15612.866
	BAYCA	N200014.07	W1560119.14	N2000.235	W15601.319
	EGIPT	N194937.30	W1560215.97	N1949.622	W15602.266
	GEYEN	N200339.39	W1555812.76	N2003.657	W15558.213
	QEJXO	N200422.02	W1560056.97	N2004.367	W15600.950
	TAMMI	N200533.56	W1560200.51	N2005.559	W15602.009
	VECKI	N195538.02	W1560143.79	N1955.634	W15601.730
	ZAPSO	N195814.85	W1554830.45	N1958.248	W15548.508
	RW17	N194513.88	W1560239.44	N1945.231	W15602.657
	IKOA (LOC)	N194315.22	W1560250.00	N1943.254	W15602.833

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW17	00047	55

CITY AND STATE
KAILUA/KONA, HI

ELEVATION: 47 THRE: 47
AIRPORT NAME:
KONA INTL AT KEAHOLE

FACILITY
IDENTIFIER:

I-KOA

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS OR LOC/DME RWY 17, AMDT 2

25 AUG 2011

SUP:
AMDT: 1
DATED: 02/11/2010