

**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.

AIRPORT ID HAO	PROCEDURE NAME ILS OR LOC RWY 30	ORIGINAL/AMENDMENT 3A	CITY HAMILTON	STATE OH
AIRPORT ELEVATION 632	TDZE 619	SUPERSEDED ILS OR LOC RWY 29	DATED 11/02/2023	MAG VAR 6W
FACILITY I-RQF	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 17 APRIL 2025	REQUIRED EFFECTIVE DATE 04/17/2025	EPOCH YEAR 2025
			CANCEL/SUSPEND	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
BRNIE/I-RQF 15.32 DME	IF/IAF	HOLGR/I-RQF 7.19 DME	NOPT				296.39 (I-RQF)	8.13	2600

MISSED APPROACH

MAP:

ILS: DA
LOC: 6.08 NM AFTER HOLGR/I-RQF 7.19 DME OR AT I-RQF 1.11 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1600 THEN CLIMBING RIGHT TURN TO 2600 DIRECT MIZZA AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
- HOLD SE HOLGR/I-RQF 7.19 DME, LT, 296.39 INBOUND, 2600 FT. IN LIEU OF PT (IAF), MAX 5100.
- FAC:** 296.39 **FAF:** HOLGR/I-RQF 7.19 DME **DIST FAF TO MAP:** 6.08 **DIST FAF TO THLD:** 6.08
- MIN ALT:** HOLGR/I-RQF 7.19 DME 2600, ARTHN/I-RQF 3.61 DME 1460
- DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:** 981
- MIN GS INCPT:** 2600 **GS ALT AT PFAF:** HOLGR/I-RQF 7.19 DME 2600 **OM:** **MM:** **IM:**
- GS ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 45.6
- MSA FROM:** ARP KHAO 3100



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 30.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BRNIE ON V5 NORTHEAST BOUND.

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 207.08 INBOUND.
CHART FAS OBST: 764 TOWER (39-131553) 392050N/0842745W.
CHART VDP AT 2.41 DME.
DISTANCE VDP TO THLD 1.29 NM.

MINIMUMS:

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

ALTERNATE: NA ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.; LOC: STANDARD - CAT D 1200-3, NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA												
S-ILS 30	819	3/4	200	819	3/4	200	819	3/4	200	819	3/4	200			
S-LOC 30	1080	3/4	461	1080	3/4	461	1080	1 1/8	461	1080	1 1/8	461			
CIRCLING	1280	1	648	1280	1	648	1300	1 3/4	668	1760	3	1128			

CHANGES - REASONS

1. PROCEDURE NAME CHANGED FROM ILS OR LOC RWY 29 TO ILS OR LOC RWY 30 - RUNWAY NUMBERS CHANGING FROM 29 TO 30
2. NOTE - CHANGED NOTE FROM "INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 29" TO "INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 30" - RUNWAY NUMBERS CHANGING FROM 29 TO 30
3. MINS - FINAL TYPES CHANGED FROM S-ILS 29 / S-LOC 29 TO S-ILS 30 / S-LOC 30 - RUNWAY NUMBERS CHANGING FROM 29 TO 30
4. NOTES – REMOVED "CHART CIRCLING ICON – IAW MEMO 279
5. UPDATED MAGVAR/EPOCH YEAR FROM 5W/2000 TO 6W/2025 - UPDATED MAGVAR
6. TERMINAL ROUTES - UPDATED COURSE FROM 295.39 TO 296.39 - UPDATED MAGVAR
7. PROFILE - UPDATED HOLDING COURSE FROM 295.39 TO 296.39 - UPDATED MAGVAR
8. PROFILE - UPDATED FAC FROM 295.39 TO 296.39 - UPDATED MAGVAR
9. ADDITIONAL FLIGHT DATA - REMOVED NOTE "1110 AAO 391833N/0842314W" - IAW 8260.19J PARA 8-6-11E.(2) MEMO



AIRPORT ID
HAO

PROCEDURE NAME
ILS OR LOC RWY 30

ORIGINAL/AMENDMENT
3A

CITY
HAMILTON

STATE
OH

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA

OTHER: CVG APP CON, DAY APP CON, ZID, AMGR

FLIGHT CHECKED BY
PENDING

OFFICE

DATE

Digitally signed by
CASIMIR L TABAKA

Dec 17, 2024

OFFICE
AJV-A432

DATE
09/11/2024

DEVELOPED BY
JOSEPH BLANCO

Digitally signed by
JOSEPH A BLANCO
Dec 03, 2024

Digitally signed by
CASIMIR L TABAKA
Dec 17, 2024

OFFICE
AJV-A430

DATE

TITLE
MANAGER

APPROVED BY
BEV L BORDY

