

**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 MDT	PROCEDURE NAME ILS OR LOC RWY 13 ILS RWY 13 (SA CAT I) ILS RWY 13 (CAT II) ILS RWY 13 (CAT III)	ORIGINAL/AMENDMENT 3	CITY HARRISBURG	STATE PA		
AIRPORT ELEVATION 310	TDZE 308	SUPERSEDED ILS OR LOC RWY 13 ILS RWY 13 (CAT II) ILS RWY 13 (CAT III)	ORIGINAL/AMENDMENT 2B	DATED 01/27/2022	MAG VAR 11W	EPOCH YEAR 2005
FACILITY I-MDT	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 21 MARCH 2024	REQUIRED EFFECTIVE DATE ROUTINE	CANCEL/SUSPEND		

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
HAR VORTAC	IAF	SIBUW INT/HAR 3.47 DME	NOPT				118.48	3.47	3000
SIBUW INT/HAR 3.47 DME	IF	ENOLA LOM					127.77	5.00 (I-MDT)	2500

MISSED APPROACH

MAP:

ILS: DA
LOC: 6.44 NM AFTER ENOLA LOM

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 900 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 070 AND ON ETX VOR/DME R-253 TO KUPPS INT/ETX 39.34 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 1200 THEN CLIMBING LEFT TURN TO 3100 ON HEADING 335 AND HAR VORTAC R-110 TO HAR VORTAC AND HOLD.

PROFILE:

- PT** SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD NW ENOLA LOM, RT, 127.77 INBOUND, 2800 FT. IN LIEU OF PT (IAF), MAX 5000.
- FAC:** 127.77 **FAF:** ENOLA LOM **DIST FAF TO MAP:** 6.44 **DIST FAF TO THLD:** 6.44
- MIN ALT:** ENOLA LOM 2500
- DIST TO THLD FROM OM:** 6.44 **MM:** **IM:** 895.00 **100 HAT:** 868.00 **150 HAT:** **GS ANT:** 1082
- MIN GS INCPT:** 2500 **GS ALT AT FAF:** GP INTCP **OM:** 2502 **MM:** **IM:** 461
- GS ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 54.5
- MSA FROM:** ENOLA LOM 3400



NOTES:

SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 13: CAT A, B, C, D, RA 150, RVR 1400, HAT 150, DA 458 MSL.
CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 13: CAT A, B, C, D, RA 100, RVR 1200, HAT 100, DA 408 MSL.
CAT III ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 13: CAT A, B, C, D, RVR 600.

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CAT II RVR 1000 CHART NOTE: RVR 1000 AUTHORIZED WITH SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN.
SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL.
CAT I CHART NOTE: CIRCLING NA S OF RWY 13-31.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON HAR VORTAC AIRWAY RADIALS 102 CW 157 AND AT HAR VORTAC ON V12 EASTBOUND.

ADDITIONAL FLIGHT DATA:

CHART KCXY IN PLAN AND PROFILE VIEWS.
HOLD E, RT, 252.66 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD W HAR VORTAC, RT, 101.19 INBOUND.
CHART FAS OBST: 625 TRANSMISSION_LINE (42-000748) 401354N/0765120W.
CHART IN PLANVIEW: HAR VORTAC.

MINIMUMS:

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

ALTERNATE: NA ILS: STANDARD; LOC: STANDARD - CAT D 1200-3

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 13	508	1800	200	508	1800	200	508	1800	200	508	1800	200				
S-LOC 13	900	2400	592	900	2400	592	900	1 1/4	592	900	1 1/4	592				
CIRCLING	900	1	590	980	1	670	1000	2	690	1420	3	1110				

CHANGES - REASONS

- ADDED PROCEDURE "ILS RWY 13 (SA CAT I)" - FPT REQUEST.
- REMOVED FEEDER FIX FROM BAARN - FPT/ATC REQUEST.
- MISSED APPROACH INSTRUCTIONS CHANGED" FROM "CLIMB TO 900 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 060 AND RAV VORTAC R-193 TO BAARN INT/LRP 17.95 DME AND HOLD." TO "CLIMB TO 900 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 070 AND ON ETX VOR/DME R-253 TO KUPPS INT/ETX 39.34 DME AND HOLD." - FPT/ATC REQUEST.
- ALTERNATE MISSED APPROACH INSTRUCTIONS CHANGED" FROM "CLIMB TO 900 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 335 AND HAR VORTAC R-110 TO HAR VORTAC AND HOLD." TO "CLIMB TO 1200 THEN CLIMBING LEFT TURN TO 3100 ON HEADING 335 AND HAR VORTAC R-110 TO HAR VORTAC AND HOLD" - FPT REQUEST, OBSTACLE PENETRATION.
- CHANGED" LINE 6 OM FROM "2450" TO "2502" - CHANGED TO CURRENT AIRNAV DATA.
- ADDED CHART NOTE: "SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 13: CAT A, B, C, D, RA 150, RVR 1400, HAT 150, DA 458 MSL" - IAW 8260.19I 8-6-11.
- CHANGED CHART NOTE: FROM "CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 13: CAT A, B, C, D, RA 101, RVR 1200, HAT 100, DA 408 MSL" TO "CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 13: CAT A, B, C, D, RA 100, RVR 1200, HAT 100, DA 408 MSL" - RA CHANGE.
- ADDED CHART NOTE: "SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL" - IAW 8260.19I 8-6-11.
- ADDED CHART NOTE: "CAT II RVR 1000 CHART NOTE: RVR 1000 AUTHORIZED WITH SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN" - IAW 8260.19I 8-6-11
- REMOVED CHART IN PLANVIEW: "RAV 15.71 DME AT BAARN" - BAARN FEEDER REMOVED.
- CHANGED CIRCLING CAT D MDA/HAA FROM "1440/1130" TO "1420/1110" - NEW TARGETS EVALUATION.
- CHANGED ADDITIONAL FLIGHT DATA NOTE FROM "CHART IN PLANVIEW: KCXY" TO "CHART KCXY IN PLAN AND PROFILE VIEWS" - IAW 8206.19I 8-6-10 T.



AIRPORT ID
MDT

PROCEDURE NAME
ILS OR LOC RWY 13
ILS RWY 13 (SA CAT I)
ILS RWY 13 (CAT II)
ILS RWY 13 (CAT III)

ORIGINAL/AMENDMENT
3

CITY
HARRISBURG

STATE
PA

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZNY, MDT APP CON, AMGR

FLIGHT CHECKED BY

JOEL F HAWKLEY

Digitally signed by

JOHN BORDY

Dec 19, 2023

OFFICE

FPO

DATE

12/13/2023

DEVELOPED BY

RAKE MCGRAW (DANIEL WESTON)

Digitally signed by

JOHN BORDY

Dec 19, 2023

OFFICE

AJV-A422

DATE

APPROVED BY

JOHN BORDY

Digitally signed by

JOHN BORDY

Dec 19, 2023

OFFICE

AJV-A33

DATE

12/19/2024

TITLE

MANAGER

