

**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 YNG	PROCEDURE NAME ILS OR LOC RWY 32	ORIGINAL/AMENDMENT 28	CITY YOUNGSTOWN/WARREN	STATE OH
AIRPORT ELEVATION 1192	TDZE 1186	SUPERSEDED ILS OR LOC RWY 32	DATED 08/11/2022	MAG VAR 8W
FACILITY I-YNG	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 5 SEPTEMBER 2024	REQUIRED EFFECTIVE DATE 09/05/2024	EPOCH YEAR 1990
			CANCEL/SUSPEND	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ACO VOR/DME		FETCH LOM					082.37	27.99	2900
UNERE INT/RADAR	IF	FETCH LOM					322.97	6.33 (I-YNG)	2800
FETCH LOM	FAF	4.67 NM AFTER FETCH LOM	MAP		FO		322.97	4.67	
4.67 NM AFTER FETCH LOM	MAP	1436 MSL		CA			322.97		
1436 MSL		OTNOE		DF	FO	1.00			2900

MISSED APPROACH

MAP:

ILS: DA
LOC: 4.67 NM AFTER FETCH LOM

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2900 DIRECT OTNOE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT L SIDE OF COURSE 142.97 OUTBOUND 2900 FT WITHIN 10 MILES OF FETCH LOM (IAF)
-
- FAC: 322.97 FAF: FETCH LOM DIST FAF TO MAP: 4.67 DIST FAF TO THLD: 4.67
- MIN ALT: FETCH LOM 2800
- DIST TO THLD FROM OM: 4.67 MM: IM: 150 HAT: GS ANT: 747
- MIN GS INCPT: 2800 GS ALT AT PFAF: GP INTCP OM: 2706 MM: IM:
- GS ANGLE: 3.00 34:1 20:1 TCH: 33.9
- MSA FROM: FETCH LOM 090-270 3600, 270-090 3000



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

EQUIPMENT REQUIREMENTS NOTES:

ADF REQUIRED.

NOTES:

CHART NOTE: CIRCLING RWY 5 AND 23 NA AT NIGHT.

CHART NOTE: PROCEDURE NA FOR AIRCRAFT WITH COCKPIT TO WHEEL HEIGHT EXCEEDING 14 FEET.

ADDITIONAL FLIGHT DATA:

CHART AT OR ABOVE 2900 AT UNERE.
HOLD NW, RT, 142.83 INBOUND.
FAS OBST: 1378 AAO 411242N/0803730W.
CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA ILS: STANDARD; LOC: STANDARD

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
S-ILS 32	1436	2400	250	1436	2400	250	1436	2400	250	1436	2400	250			
S-LOC 32	1640	2400	454	1640	2400	454	1640	4500	454	1640	4500	454			
CIRCLING	1640	1	448	1660	1	468	1740	1 1/2	548	1760	2	568			

CHANGES - REASONS

1. INCREASED S-ILS 32 DA/HAT FROM 1386/200 TO 1436/250. – NEW ILS CONTROLLING OBSTACLE.
2. ADDED STAND ALOND INTERMEDIATE SEGMENT FROM UNERE. – ATC/FPT REQUEST.
3. TERMINAL ROUTES: ADDED MISSED APPROACH CA AND DF LEG. - RNAV MISSED APPROACH.
4. UPDATED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 1800 THEN CLIMBING RIGHT TURN TO 2900 DIRECT YNG VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2900" TO "CLIMB TO 2900 DIRECT OTNOE AND HOLD." – YNG VORTAC DECOMMISSIONING; FPT REQUEST.
5. REMOVED ALTERNATE MISSED APPROACH INSTRUCTIONS. – FPT REQUEST.
6. LINE 6: UPDATED GS INCPT AT OM FROM 2726 TO 2706. – NEW EVALUATION COMLETED.
7. LINE 7: UPDATED TCH FROM 35.3 TO 33.9. – NEW AIRNAV DATA INCORPORATED.
8. ADDED PBN REQUIREMENTS NOTE: RNP APCH – GPS. – MISSED APPROACH TO WP UNERE HAS NO PRECISION COURSE GUIDANCE.
9. REMOVED CHART NOTE: *RVR 1800 AUTHORIZED WITH THE USE OF FD OR AP OR HUD TO DA. – NO LONGER AUTHORIZED.
10. REMOVED ADDITIONAL FLIGHT DATA: CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SE YNG ILS, RT, 322.97 INBOUND. – ALTERNATE MISSED APPROACH REMOVED.
11. UPDATED ADDITIONAL FLIGHT DATA: FAS OBST: FROM "1380 AAO 411241N/0803730W" TO "FAS OBST: 1378 AAO 411242N/0803730W." – NEW S-LOC CONTROLLING OBSTACLE.
12. UPDATED CHART NOTE: FROM "CIRCLING RWY 5 NA AT NIGHT" TO "CIRCLING RWY 5 AND 23 NA AT NIGHT." - 20:1 PENETRATIONS FOUND ON RUNWAY 23.
13. ADDED CHART NOTE: PROCEDURE NA FOR AIRCRAFT WITH COCKPIT TO WHEEL HEIGHT EXCEEDING 14 FEET. - GLIDEPATH TO WHEEL HEIGHT IS BELOW MINIMUM FOR HEIGHT GROUP 2 IAW 82060.3F TABLE 10-1-4.
14. ADDED CHART AT OR ABOVE 2900 AT UNERE. - PER FPT REQUEST.



AIRPORT ID
YNG

PROCEDURE NAME
ILS OR LOC RWY 32

ORIGINAL/AMENDMENT
28

CITY
YOUNGSTOWN/WARREN

STATE
OH

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA**

OTHER: YNG ATCT, YNG APP CON, AMGR, ZOB

FLIGHT CHECKED BY

SCOTT WIEBE

Digitally signed by
JOSEPH L ZEDER

Jul 22, 2024

OFFICE

FPO

DATE

07/18/2024

DEVELOPED BY

CASIMIR L. TABAKA (BARBARA GORMAN)

Digitally signed by
JOSEPH L ZEDER

Jul 22, 2024

OFFICE

AJV-A432

DATE

04/01/2024

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by
JOSEPH L ZEDER

Jul 22, 2024

OFFICE

AJV-A430

DATE

TITLE
MANAGER

