

**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.

<u>AIRPORT ID</u> YNG	<u>PROCEDURE NAME</u> ILS OR LOC RWY 14	<u>ORIGINAL/AMENDMENT</u> 9	<u>CITY</u> YOUNGSTOWN/WARREN	<u>STATE</u> OH
<u>AIRPORT ELEVATION</u> 1192	<u>TDZE</u> 1134	<u>SUPERSEDED</u> ILS OR LOC RWY 14	<u>DATED</u> 03/26/2020	<u>MAG VAR</u> 8W
<u>FACILITY</u> I-MQK	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 5 SEPTEMBER 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 1990
			<u>CANCEL/SUSPEND</u>	

**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>
ACO VOR/DME		MOSKI OM/INT/ACO 23.66 DME					059.05	23.66	2900
OTNOE INT/RADAR	IF	MOSKI OM/INT					142.95	6.35 (I-MQK)	2900
MOSKI OM/INT	FAF	5.12 NM AFTER MOSKI OM/INT	MAP		FO		142.95	5.12	
5.12 NM AFTER MOSKI OM/INT	MAP	1334 MSL		CA			142.95		
1334 MSL		UNERE		DF	FO	1.00			2900

**MISSED APPROACH**

**MAP:**

ILS: DA  
LOC: 5.12 NM AFTER MOSKI OM/INT

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2900 DIRECT UNERE AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

- PT L SIDE OF COURSE 322.95 OUTBOUND 2900 FT WITHIN 10 MILES OF MOSKI OM/INT/ACO 23.66 DME (IAF)
- 
- FAC: 142.95 FAF: MOSKI OM/INT DIST FAF TO MAP: 5.12 DIST FAF TO THLD: 5.12
- MIN ALT: MOSKI OM/INT 2900
- DIST TO THLD FROM OM: 5.12 MM: IM: 150 HAT: GS ANT: 951
- MIN GS INCPT: 2900 GS ALT AT PFAF: GP INTCP OM: 2794 MM: IM:
- GS ANGLE: 3.00 34:1: 20:1: TCH: 57.2
- MSA FROM: FETCH LOM 090-270 3600, 270-090 3000



**PBN REQUIREMENTS NOTE:**

RNP APCH - GPS.

**NOTES:**

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

**ADDITIONAL FLIGHT DATA:**

HOLD SE, RT, 323.09 INBOUND.  
CHART FAS OBST: 1193 TREE (39-131140) 411728N/0804259W.  
CHART CIRCLING ICON.

**MINIMUMS:**

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

**ALTERNATE:** NA  ILS: STANDARD; LOC: STANDARD

<b>CATEGORY:</b>	<b>A</b>			<b>B</b>			<b>C</b>			<b>D</b>			<b>E</b>		
<b>FINAL TYPE</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>
S-ILS 14	1334	1/2	200	1334	1/2	200	1334	1/2	200	1334	1/2	200			
S-LOC 14	1580	1/2	446	1580	1/2	446	1580	7/8	446	1580	7/8	446			
CIRCLING	1640	1	448	1660	1	468	1740	1 1/2	548	1760	2	568			

**CHANGES - REASONS**

1. DECREASED LOC CAT C AND D VISIBILITY FROM 1 TO 7/8 SM. – 8260.3C TABLE 3-3-1.
2. REMOVED FEEDER FROM YNG VORTAC; ADDED FEEDER FROM ACO VOR/DME. – YNG VORTAC DECOMMISSIONING; ATC REQUEST.
3. ADDED STAND ALONG INTERMEDIATE SEGMENT FROM OTNOE. – ATC/FPT REQUEST.
4. TERMINAL ROUTES: ADDED MISSED APPROACH CA AND DF LEG. - RNAV MISSED APPROACH.
5. UPDATED LOC MAP: FROM "5.12 NM AFTER MOSKI OM/INT" TO "5.12 NM AFTER MOSKI OM/INT/ACO 23.66 DME." - MOSKI OM FIX DEFINITION UPDATED TO INCLUDE ACO DME.
6. UPDATED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 1600 THEN CLIMBING RIGHT TURN TO 3600 ON HEADING 210 AND ON YNG VORTAC R-182 TO CAMES INT AND HOLD" TO "CLIMB TO 2900 DIRECT UNERE AND HOLD." – YNG VORTAC DECOMMISSIONING; FPT REQUEST.
7. REMOVED ALTERNATE MISSED APPROACH INSTRUCTIONS. – FPT REQUEST.
8. LINE 6: UPDATED GS INCPT AT OM FROM 2818 TO 2794. – NEW EVALUATION COMPLETED.
9. LINE 8: UPDATED MSA FROM YNG VORTAC 3600 TO FETCH LOM 090-270 3600, 270-090 3000. – YNG VORTAC DECOMMISSIONING; MATCH IL32 MSA.
10. ADDED PBN REQUIREMENTS NOTE: RNP APCH - GPS. – MISSED APPROACH TO WP UNERE HAS NO PRECISION COURSE GUIDANCE.
11. REMOVED CHART NOTE: RWY 14 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. - NO 34:1 PENETRATIONS FOUND.
12. REMOVED ADDITIONAL FLIGHT DATA: CHART AIRPORT ELV: 1192. – NO LONGER REQUIRED.
13. REMOVED ADDITIONAL FLIGHT DATA: CHART IN PLANVIEW: (LMCTG) 412417.76N/0805205.60W. – NO LONGER REQUIRED.
14. REMOVED ADDITIONAL FLIGHT DATA: CHART: ASR. - NO LONGER REQUIRED; NEED DETERMINED BY CHARTING.
15. REMOVED ADDITIONAL FLIGHT DATA: CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SE FETCH LOM, RT, 322.97 INBOUND. – ALTERNATE MISSED REMOVED.
16. UPDATED ADDITIONAL FLIGHT DATA: FROM "1186 TOWER (39-003880) 411744N/0804341W" TO "1193 TREE (39-131140) 411728N/0804259W."
17. 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.
18. ALTERNATE MINIMUMS: ADDED "ILS: STANDARD; LOC: STANDARD." - IAW 8260.19I 8-6-11B(4) AND MEMO.



**COORDINATED WITH:**

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

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

**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**

03/25/2024

**APPROVED BY**

CASIMIR L. TABAKA

*Digitally signed by*  
**JOSEPH L ZEDER**

Jul 22, 2024

**OFFICE**

AJV-A430

**DATE**

**TITLE**  
MANAGER

