

**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> KYNG	<u>PROCEDURE NAME</u> ILS OR LOC RWY 32	<u>ORIGINAL/AMENDMENT</u> 27E	<u>CITY</u> YOUNGSTOWN/WARREN	<u>STATE</u> OH		
<u>AIRPORT ELEVATION</u> 1192	<u>TDZE</u> 1186	<u>SUPERSEDED</u> ILS OR LOC RWY 32	<u>ORIGINAL/AMENDMENT</u> 27D	<u>DATED</u> 03/26/2020	<u>MAG VAR</u> 8W	<u>EPOCH YEAR</u> 1990
<u>FACILITY</u> I-YNG	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 11 AUGUST 2022	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<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		FETCH LOM					082.37	27.99	2900

**MISSED APPROACH**

**MAP:**

ILS: DA  
LOC: 4.67 NM AFTER FETCH LOM

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 1800 THEN CLIMBING RIGHT TURN TO 2900 DIRECT YNG VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2900.

**ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):**

CLIMB TO 1800 THEN CLIMBING RIGHT TURN TO 2900 DIRECT FETCH LOM AND HOLD.

**PROFILE:**

1. PT	L	SIDE OF COURSE	142.97	OUTBOUND	2900	FT WITHIN	10	MILES OF	FETCH LOM (IAF)
2.									
3. FAC:	322.97	FAF: FETCH LOM			DIST FAF TO MAP: 4.67			DIST FAF TO THLD: 4.67	
4. MIN ALT:									
5. DIST TO THLD FROM OM:	4.67	MM:		IM:	150 HAT:	GS ANT: 747			
6. MIN GS INCPT:	2800	GS ALT AT PFAF :				OM: 2726		MM:	IM:
7. GP ANGLE:	3.00	34:1:		20:1:	TCH:	35.3			
8. MSA FROM: YN LOM 090-270 3600, 270-090 3000									

**EQUIPMENT REQUIREMENTS NOTES:**

ADF REQUIRED.

**NOTES:**

CHART NOTE: \*RVR 1800 AUTHORIZED WITH THE USE OF FD OR AP OR HUD TO DA.  
CHART NOTE: CIRCLING RWY 5 NA AT NIGHT.



**ADDITIONAL FLIGHT DATA:**

HOLD N, LT, 183.00 INBOUND.  
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SE YNG ILS, RT, 322.97 INBOUND.  
FAS OBST: 1380 AAO 411241N/0803730W.  
CHART IN PLANVIEW: FETCH LOM.  
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 32*	1386	2400	200	1386	2400	200	1386	2400	200	1386	2400	200			
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. INCORPORATED CHANGES 27A - 27D.
2. ADDED EQUIPMENT REQUIREMENT NOTE: ADF REQUIRED. - ADF REQUIRED FOR FAF AND ALTERNATE MISSED APPROACH RECEPTION.
3. CHANGED ALL REFERENCES FROM FETCH LOM/INT TO FETCH LOM - FETCH LOM IS NOT AN INTERSECTION.
4. DELETED " OR AS DIRECTED BY ATC." FROM ALTERNATE MISSED. - NO LONGER REQUIRED.
5. DELETED CHART IN PLANVIEW: (PFDND) 410742.14N/0803004.07W, CHART AIRPORT ELEV: 1192, AND CHART ASR FROM ADDITIONAL FLIGHT DATA. - NO LONGER REQUIRED.

**COORDINATED WITH:****A4A** ☒ **ALPA** ☐ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** YNG ATCT, YNG APP CON, AMGR, ZOB**FLIGHT CHECKED BY**

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE  
FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

**OFFICE****DATE****DEVELOPED BY**

LIAM DONAHUE

*Digitally signed by***LIAM DONAHUE**

Mar 28, 2022

*Digitally signed by*  
**DONALD H LANIER**

Mar 31, 2022

**OFFICE**

AJV-A431

**DATE**

03/17/2022

**APPROVED BY**

LONNIE EVERHART

*Digitally signed by***DONALD H LANIER**

Mar 31, 2022

**OFFICE**

AJV-A430

**DATE**

03/17/2022

**TITLE**

MANAGER

QUALITY  
10  
CHECKED