

**U.S. DEPARTMENT OF TRANSPORTATION -- FEDERAL AVIATION ADMINISTRATION  
RADAR -- STANDARD INSTRUMENT APPROACH PROCEDURE -- FLIGHT STANDARDS SERVICE -- FAR PART 97.31**

Bearings, headings, courses, 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 in feet RVR.

Initial approach minimum altitude(s) shall correspond with those established for enroute operation in the particular area or as set forth below. Positive identification must be established with the radar controller. From initial contact with radar to final authorized landing minimums, the instructions of the radar controller are mandatory except when; (A) Visual contact is established on final approach at or before descent to the authorized landing minimums; or (B) at pilot's discretion if it appears desirable to discontinue the approach.

Except when the radar controller may direct otherwise prior to final approach, a missed approach shall be executed as provided below when; (A) communications on final approach is lost for more than 5 seconds during a precision approach, or for more than 30 seconds during a surveillance approach; (B) directed by radar controllers; (C) visual contact is not established upon descent to authorized landing minimums; or (D) if landing is not accomplished.

RADAR TERMINAL AREA MANEUVERING SECTORS AND ALTITUDES <i>(Sectors and distances measured from radar antenna)</i>												MISSED APPROACH			
FROM	T O	DISTANCE	ALTITUDE	DISTANCE	ALTITUDE	DISTANCE	ALTITUDE	DISTANCE	ALTITUDE	DISTANCE	ALTITUDE	MAP:			
												MAP: RWY 5, 14, 23, 32: 0.5 NM FROM THLD			
As established by the current YOUNGSTOWN-WARREN ASR Minimum Vectoring Altitude Chart.												SEE FAA 8260-10 CONTINUATION FORM.			

**MINIMUMS**

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A			STANDARD @					
CATEGORY =====>		A			B			C			D			E				
	DH/ MDA	VIS	HAT/HAA	DH/MDA	V I S	HAT/HAA	DH/MDA	V I S	HAT/HAA	DH/MDA	V I S	HAT/HAA	DH/MDA	V I S	HAT/HAA			
ASR-5	1540	1	376	1540	1	376	1540	1	376	1540	1	376						
ASR-14	1520	1/2	386	1520	1/2	386	1520	5/8	386	1520	5/8	386						
ASR-23	1580	1	388	1580	1	388	1580	1 1/8	388	1580	1 1/8	388						
ASR-32	1600	2400	414	1600	2400	414	1600	4000	414	1600	4000	414						
CIRCLING	1640	1	448	1660	1	468	1740	1 1/2	548	1760	2	568						

**NOTES:**

SEE FAA 8260-10 CONTINUATION FORM.

**ADDITIONAL FLIGHT DATA**

TDZE: 1164 RWY: 5 TDZE: 1192 RWY: 23  
TDZE: 1134 RWY: 14 TDZE: 1186 RWY: 32

RWY 5: FAS OBST:1272 TOWER 411445N/0804209W.  
RWY 14: FAS OBST:1259 TREE 411727N/0804047W  
RWY 23: FAS OBST:1328 TANK 411608N/0804037W  
RWY 32: FAS OBST:1332 TOWER 411404N/0803953W

CHART CIRCLING ICON

QUALITY  
10  
CHECKED

LOST COMMUNICATIONS (ALL RWYS): As directed by ATC on initial contact.

MAG VAR: 8W EPOCH YEAR: 1990

CITY AND STATE	ELEVATION: 1192	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP
YOUNGSTOWN-WARREN, OH	AIRPORT NAME: YOUNGSTOWN-WARREN RGNL	YNG ASR	RADAR 1, AMDT 14 25 APRIL 2019	AMDT: 13B
				DATED: 08/20/15

## INSTRUMENT APPROACH PROCEDURE

NOTES:

@ WHEN YOUNGSTOWN APPROACH CLOSED ALTERNATE MINIMUMS NA.

CHART NOTE: STRAIGHT-IN/CIRCLING RWY 5 NA AT NIGHT.

CHART NOTE: RWY 5 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

CHART NOTE: RWY 23 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

CHART NOTE: FOR INOPERATIVE ALS INCREASE ASR-32 CAT C/D VISIBILITY TO RVR 6000.

**MISSED APPROACH INSTRUCTIONS:**

RWY 5: CLIMB TO 3000 THEN LEFT TURN DIRECT YNG VORTAC AND HOLD N, LT, 183.00 INBOUND.

RWY 14: CLIMB TO 1600 THEN CLIMBING LEFT TURN TO 3000 DIRECT YNG VORTAC AND HOLD N, LT, 183.00 INBOUND.

RWY 23: CLIMB TO 1600 THEN CLIMBING RIGHT TURN TO 3000 DIRECT YNG VORTAC AND HOLD N, LT, 183.00 INBOUND.

RWY 32: CLIMB TO 3000 THEN RIGHT TURN DIRECT YNG VORTAC AND HOLD N, LT, 183.00 INBOUND.

RWY 5: FAF 5 MILES FROM THRESHOLD, MINIMUM ALTITUDE 2800, FINAL APPROACH COURSE 052.96, RECOMMENDED ALTITUDES: 4 MILES 2480, 3 MILES 2160, 2 MILES 1820.

RWY 14: FAF 5.1 MILES FROM THRESHOLD (AT MOSKI OM), MINIMUM ALTITUDE 2800, FINAL APPROACH COURSE 142.95, RECOMMENDED ALTITUDES: 4 MILES 2440, 3 MILES 2120, 2 MILES 1800.

RWY 23: FAF 6 MILES FROM THRESHOLD, MINIMUM ALTITUDE 2800, MINIMUM ALTITUDE 2 MILE FIX 1680, FINAL APPROACH COURSE 232.97, RECOMMENDED ALTITUDES: 5 MILES 2540, 4 MILES 2280, 3 MILES 2020, 2 MILES 1760.

RWY 32: FAF 4.7 MILES FROM THRESHOLD (AT FETCH OM), MINIMUM ALTITUDE 2800, MINIMUM ALTITUDE 2 MILE FIX 1660, FINAL APPROACH COURSE 322.97,  
RECOMMENDED ALTITUDES: 4 MILES 2560, 3 MILES 2240. 2 MILES 1900.

QUALITY  
50  
CHECKED

CITY AND STATE	ELEVATION: 1192 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
YOUNGSTOWN-WARREN, OH	AIRPORT NAME: YOUNGSTOWN-WARREN RGNL	YNG ASR	RADAR 1 AMDT 14 25 APRIL 2019	AMDT: 13B DATED: 08/20/15