

**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 (Sectors and distances measured from radar antenna)												MISSED APPROACH	
FROM	T O	DISTANCE	ALTITUDE	DISTANCE	ALTITUDE	DISTANCE	ALTITUDE	DISTANCE	ALTITUDE	DISTANCE	ALTITUDE	MAP:	
												RWY 7, 16, 25, 34: 4.50 NM AFTER 5.00 NM RADAR FIX.	
												RWY 7, 16, 25, 34: CLIMB TO 2500, THEN EXPECT RADAR VECTORS.	
AS ESTABLISHED BY THE CURRENT TOLEDO, OH ASR MINIMUM VECTORING ALTITUDE CHART.													

MINIMUMS

TAKEOFF:		STANDARD	☒	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			
S-7	1140	2400	457	1140	2400	457	1140	4500	457	1140	5000	457	1140	5000	457			
S-16	1060	1	386	1060	1	386	1060	1	386	1060	1 1/4	386	1060	1 1/4	386			
S-25	1040	2400	362	1040	2400	362	1040	3500	362	1040	5500	362	1040	5500	362			
S-34	1080	1	412	1080	1	412	1080	1 1/4	412	1080	1 1/4	412	1080	1 1/2	412			
CIRCLING	1200	1	517	1200	1	517	1300	1 3/4	617	1360	2 1/4	677	1400	2 1/2	717			

NOTES:

RWY 7: FAF 5.00 NM FROM THRESHOLD, MINIMUM ALTITUDE 2100; FINAL APPROACH COURSE: 072.00 RECOMMENDED ALTITUDE: 4 NM 1840; 3 NM 1560; 2 NM 1280.

RWY 16: FAF 5.00 NM FROM THRESHOLD, MINIMUM ALTITUDE 2100; FINAL APPROACH COURSE: 162.00 RECOMMENDED ALTITUDE: 4 NM 1840; 3 NM 1560; 2 NM 1280.

RWY 25: FAF 5.00 NM FROM THRESHOLD, MINIMUM ALTITUDE 2100; MINIMUM ALTITUDE 2 NM FIX 1240; FINAL APPROACH COURSE: 252.00 RECOMMENDED ALTITUDE: 4 NM 1840; 3 NM 1560; 2 NM 1280.

RWY 34: FAF 5.00 NM FROM THRESHOLD, MINIMUM ALTITUDE 2100; FINAL APPROACH COURSE: 342.00 RECOMMENDED ALTITUDE: 4 NM 1840; 3 NM 1560; 2 NM 1280.

(SEE FORM 8260-10)

@ CATEGORY D, 800-2 1/4 E, 800-2 1/2.

LOST COMMUNICATIONS (ALL RWYS): AS DIRECTED BY ATC ON INITIAL CONTACT.

ADDITIONAL FLIGHT DATA

TDZE: 683	RWY: 7	TDZE: 674	RWY: 16
TDZE: 678	RWY: 25	TDZE: 668	RWY: 34

FAS OBST:

RWY 7: 873 POLE 413457N/0835343W
RWY 16: 809 TREES 413917N/0835115W
RWY 25: 786 TOWER 413529N/0834654W
RWY 34: 830 TOWER 413145N/0834660W



MAG VAR: 5W EPOCH YEAR: 1990

CITY AND STATE	ELEVATION: 683	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP
TOLEDO, OH	AIRPORT NAME: EUGENE F KRANZ TOLEDO EXPRESS	TOL ASR	RADAR-1, AMDT 19D 10 SEPTEMBER 2020	AMDT: 19C
				DATED: 06/20/19

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION RADAR-1 INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICES		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.	
8260-4 NOTES CONT. CHART CIRCLING ICON. CHART NOTE: WHEN CONTROL TOWER CLOSED, ASR NA. CHART NOTE: RWY 16 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART NOTE: RWY 34 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-7 CAT D/E VISIBILITY TO 1 3/8 SM. CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-25 CAT C/E VISIBILITY TO RVR 5500.			
CITY AND STATE TOLEDO, OH		ELEVATION: 683 TDZE: AIRPORT NAME: EUGENE F KRANZ TOLEDO EXPRESS	FACILITY IDENTIFIER: TOL ASR
		PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RADAR-1, AMDT 19D 10 SEPTEMBER 2020	
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