

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
RADAR - STANDARD INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.31**

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.

Initial approach minimum altitude(s) shall correspond with those established for en route 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.

<u>AIRPORT ID</u> KTUL	<u>PROCEDURE NAME</u> RADAR-1	<u>ORIGINAL/AMENDMENT</u> 19	<u>CITY</u> TULSA	<u>STATE</u> OK		
<u>AIRPORT ELEVATION</u> 678	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u> 18A	<u>DATED</u> 04/22/2021	<u>MAG VAR</u> E3	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> TUL ASR	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 19 MAY 2022	<u>REQUIRED EFFECTIVE DATE</u> 05/19/2022			

**RADAR TERMINAL AREA MANEUVERING SECTORS AND ALTITUDES (Sectors and distances measured from radar antenna)**

FROM	TO	DISTANCE	ALTITUDE	DISTANCE	ALTITUDE	DISTANCE	ALTITUDE	DISTANCE	ALTITUDE	DISTANCE	ALTITUDE
AS ESTABLISHED BY THE CURRENT TULSA ASR MINIMUM VECTORING ALTITUDE											

**MISSED APPROACH**

**MAP:**

RWY 8, 18L, 18R, 26, 36R, 36L: THLD

**MISSED APPROACH INSTRUCTIONS:**

- RWY 8: CLIMB TO 2400 DIRECT TUL VORTAC THEN 3500 ON TUL R-079 TO INOLA INT AND HOLD.
- RWY 18L: CLIMB TO 1400 THEN CLIMBING LEFT TURN TO 2400 DIRECT TUL VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2400.
- RWY 18R: CLIMBING RIGHT TURN TO 2600 ON TUL R-238 TO KEVIL INT AND HOLD.
- RWY 26: CLIMBING LEFT TURN TO 2600 ON HEADING 224 AND TUL VORTAC R-238 TO KEVIL INT AND HOLD.
- RWY 36L: CLIMB TO 1600 THEN CLIMBING LEFT TURN TO 3400 ON HEADING 194 AND TUL R-238 TO KEVIL INT AND HOLD.
- RWY 36R: CLIMB TO 1600 THEN CLIMBING RIGHT TURN TO 2400 DIRECT TUL VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2400.

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

**NOTES:**

- CHART NOTE: CIRCLING NA FOR CAT E S OF RWY 8-26.
- CHART NOTE: FOR INOPERATIVE ALS INCREASE ASR S-18L CAT E VISIBILITY TO RVR 6000.
- CHART NOTE: FOR INOPERATIVE ALS INCREASE ASR S-26 CAT A/B VISIBILITY TO 1 SM, AND CAT E VISIBILITY TO 1 1/4 SM.
- CHART NOTE: FOR INOPERATIVE ALS INCREASE ASR S-36R CAT C/D/E VISIBILITY TO 1 3/8 SM.
- RWY 8: FAF 7 NM FROM THRESHOLD, MINIMUM ALTITUDE 2700, MINIMUM ALTITUDE 2 NM FIX 1480; FINAL APPROACH COURSE 086. RECOMMENDED ALTITUDE: 6 NM 2460; 5 NM 2220; 4 NM 1960; 3 NM 1720; 2 NM 1480; 1 NM 1100.
- RWY 18L: FAF 6 NM FROM THRESHOLD, MINIMUM ALTITUDE 2500, MINIMUM ALTITUDE 2 NM FIX 1300; FINAL APPROACH COURSE 180. RECOMMENDED ALTITUDE: 5 NM 2200; 4 NM 1900; 3 NM 1600; 2 NM 1300.
- RWY 18R: FAF 6 NM FROM THRESHOLD, MINIMUM ALTITUDE 2500, MINIMUM ALTITUDE 2 NM FIX 1300; FINAL APPROACH COURSE 180. RECOMMENDED ALTITUDE: 5 NM 2200; 4 NM 1900; 3 NM 1600; 2 NM 1300.
- RWY 26: FAF 6 NM FROM THRESHOLD, MINIMUM ALTITUDE 2500, MINIMUM ALTITUDE 2 NM FIX 1400; FINAL APPROACH COURSE 266. RECOMMENDED ALTITUDE: 5 NM 2200; 4 NM 1940; 3 NM 1680; 2 NM 1400.
- RWY 36L: FAF 6 NM FROM THRESHOLD, MINIMUM ALTITUDE 2500, MINIMUM ALTITUDE 3 NM FIX 1400; FINAL APPROACH COURSE 360. RECOMMENDED ALTITUDE: 5 NM 2000; 4 NM 1900; 3 NM 1620; 2 NM 1320.
- RWY 36R: FAF 6 NM FROM THRESHOLD, MINIMUM ALTITUDE 2500, MINIMUM ALTITUDE 3 NM FIX 1400; FINAL APPROACH COURSE 360. RECOMMENDED ALTITUDE: 5 NM 2200; 4 NM 1900; 3 NM 1600; 2 NM 1300.

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



**ADDITIONAL FLIGHT DATA:**

**TDZE:** 671    **RWY:** 08    **TDZE:** 641    **RWY:** 18L    **TDZE:** 668    **RWY:** 18R    **TDZE:** 652    **RWY:** 26    **TDZE:** 678    **RWY:** 36L  
**TDZE:** 650    **RWY:** 36R

RWY 8: HOLD E RT, 259.38 INBOUND.  
RWY 18R: HOLD NE LT, 238.00 INBOUND.  
RWY 26: HOLD NE LT, 238.00 INBOUND.  
RWY 18L: HOLD E RT, 261.00 INBOUND.  
RWY 36L: HOLD NE LT, 238.00 INBOUND.  
RWY 36R: HOLD E RT, 261.00 INBOUND.  
FAS OBST: RWY 8: 821 TOWER (40-020001) 361040N/0955545W.  
FAS OBST: RWY 18L: 781 TANK (40-025376) 361413N/0955135W.  
FAS OBST: RWY 18R: 785 TOWER (40-003402) 361224N/0955431W.  
FAS OBST: RWY 26: 814 ANTENNA (40-094110) 361044N/0955034W.  
FAS OBST: RWY 36L: 920 TOWER (40-001917) 360936N/0955459W.  
FAS OBST: RWY 36R: 866 TOWER (40-003400) 360844N/0955407W.  
CHART: RWY 8: 829 TREE 361051N/0955621W, RWY 26: 843 TOWER 361035N/0954954W.  
RWY 8: 1162 AAO 361312N/0960248W, RWY 36L: 988 AAO 360824N/0955539W, RWY36R: 981 AAO 360809N/0955503W.  
CHART CIRCLING ICON.

**MINIMUMS:**

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

**ALTERNATE:** NA  STANDARD - CAT C 900-2 1/2, CAT D 900-2 3/4, CAT E 900-3

**CATEGORY:**

FINAL TYPE	DA/MDA	A			B			C			D			E	
		VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
ASR S-08	1080	1	409	1080	1	409	1080	1 1/8	409	1080	1 1/8	409	1080	1 1/8	409
ASR S-18L	1040	2400	399	1040	2400	399	1040	3500	399	1040	3500	399	1040	3500	399
ASR S-18R	1040	1	372	1040	1	372	1040	1	372	1040	1	372	NA	NA	NA
ASR S-26	1080	3/4	428	1080	3/4	428	1080	3/4	428	1080	3/4	428	1080	3/4	428
ASR S-36L	1180	1	502	1180	1	502	1180	1 3/8	502	1180	1 3/8	502	NA	NA	NA
ASR S-36R	1120	2400	470	1120	2400	470	1120	5000	470	1120	5000	470	1120	5000	470
CIRCLING	1180	1	502	1180	1	502	1500	2 1/2	822	1520	2 3/4	842	1520	3	842



**CHANGES - REASONS:**

1. MA INSTRUCTIONS: RWY 18L; CHANGED CLIMB-TO ALT FROM 1100 TO 1400. - FACILITATE C-I-H OCS CALCULATIONS.
2. MA INSTRUCTIONS: RWY 18L AND RWY 36R; ADDED C-I-H. - NEW EVAL COMPLETED.
3. NOTES: CIRCLING NA NOTE; CHANGED "SOUTH" TO "S". - IAW 8260.19I 8-6-9.
4. NOTES: RWY 18L INOP ALS NOTE; CHANGED FROM "VISIBILITY TO 1 1/4 SM" TO "VISIBILITY TO RVR 6000". - NEW EVAL COMPLETED WITH LOWER MINS AND IAW 8260.3E 3-3-1.
5. NOTES: RWY 26 INOP ALS NOTE; CHANGED FROM "CAT E TO 1 1/4 SM" TO "CAT E VISIBILITY TO 1 1/4 SM". - IAW 8260.19I 8-6-9.
6. NOTES: ALL RWY'S CHANGED FROM "MILES/MILE" TO "NM". - IAW 8260.19I 8-6-9.
7. NOTES: REMOVED HOLD COURSES, ALT MINS, AND HELICOPTER VIS NOTE. - IAW 8260.19I 8-6-9.
8. ADDITIONAL FLIGHT DATA: CHANGED TDZES RWY 08; FROM 671.2 TO 671, RWY 26; FROM 651.6 TO 652, RWY 18L FROM 641.1 TO 668, RWY 18R; FROM 667.4 TO 668, RWY 36L FROM 677.5, RWY 36R FROM 649.8 TO 650. - IAW 8260.19I 8-6-10 AND AIRNAV DATA CHANGES.
9. ADDITIONAL FLIGHT DATA: RWY 08 FAS OBST; ADDED (40-020001) TO OBST DESCRIPTION, RWY 18L FAS OBST; ADDED (40-003402) TO OBST DESCRIPTION, RWY 26 FAS OBST; CHANGED FROM 843 TOWER TO 814 ANTENNA (40-094110) 361044N/0955034W, RWY 36L FAS OBST; ADDED (40-001917) TO OBST DESCRIPTION, RWY 36R FAS OBST; ADD (40-003400) TO OBST DESCRIPTION. - IAW 8260.19I 8-6-10 AND NEW EVAL COMPLETED YIELDING NEW CONTROLLING OBST.
10. ADDITIONAL FLIGHT DATA: ADDED 7:1 OBST'S AND MA HOLD COURSES. - IAW 8260.19I 8-6-10 AND NEW EVAL COMPLETED.
11. ALT MINS: ADDED ALT MINS. - IAW 8260.19I 8-6-11.
12. MINS: S-8; CHANGED FROM 1120/449 TO 1080/409 AND CAT C/D/E VIS FROM 1 3/8 SM TO 1 1/8 SM. - LOWERED MINS FOR FULL AMENDMENT AND IAW 8260.3E 3-3-1.
13. MINS: S-18L; CHANGED FROM 1080/439 TO 1040/339 AND CAT C/D/E VIS FROM RVR 4000 TO RVR 3500. - NEW EVAL COMPLETED AND IAW 8260.3E 3-3-1.
14. MINS: S-18R; CHANGED FROM 1080/439 TO 1040/372 AND CAT C/D VIS FROM 1 1/8 SM TO 1 SM. - NEW EVAL COMPLETED AND IAW 8260.3E 3-3-1.
15. MINS: S-26; CHANGED FROM 1160/508/ 1/2 SM TO 1080/428/ 3/4 SM. - NEW EVAL COMPLETED YIELDING NEW CONT OBST AND IAW 8260.3E 3-3-1.
16. MINS: S-36R; CHANGED FROM 1140/490 TO 1120/470. - IAW 8260.3E 3-3-1 AND NEW EVAL COMPLETED.
17. NOTES: CHANGED RWY 36R FROM "FAF 6 MILES FROM THRESHOLD, MINIMUM ALTITUDE 2500, MINIMUM ALTITUDE 3 MILE FIX 1400: APPROACH COURSE 360. RECOMMENDED ALTITUDE: 5 MILES 2200, 4 MILES 1900, 3 MILES 1400" TO "FAF 6 NM FROM THRESHOLD, MINIMUM ALTITUDE 2500, MINIMUM ALTITUDE 3 NM FIX 1400; FINAL APPROACH COURSE 360. RECOMMENDED ALTITUDE: 5 NM 2200; 4 NM 1900; 3 NM 1600; 2 NM 1300". - IAW 8260.19I 8-6-9 AND NEW TARGETS EVAL COMPLETED.
18. NOTES: CHANGED RWY 08 FROM "FAF 7 MILES FROM THRESHOLD, MINIMUM ALTITUDE 2700, MINIMUM ALTITUDE 2 MILE FIX 1480; FINAL APPROACH COURSE 086. RECOMMENDED ALTITUDE: 6 MILES 2420, 5 MILES 2140, 4 MILES 1860, 3 MILES 1580, 2 MILES 1480" TO "FAF 7 NM FROM THRESHOLD, MINIMUM ALTITUDE 2700, MINIMUM ALTITUDE 2 NM FIX 1480; FINAL APPROACH COURSE 086. RECOMMENDED ALTITUDE: 6 NM 2460; 5 NM 2220; 4 NM 1960, 3 NM 1720; 2 NM 1480; 1 NM 1100". - IAW 8260.19I 8-6-9 AND NEW TARGETS EVAL COMPLETED.
19. NOTES: CHANGED RWY 26 FROM "FAF 5 MILES FROM THLD, MINIMUM ALTITUDE 2300, MINIMUM ALTITUDE 2 MILE FIX 1400; FINAL APPROACH COURSE 266. RECOMMENDED ALTITUDE: 4 MILES 1980, 3 MILES 1660" TO "FAF 6 NM FROM THRESHOLD, MINIMUM ALTITUDE 2500, MINIMUM ALTITUDE 2 NM FIX 1400; FINAL APPROACH COURSE 266. RECOMMENDED ALTITUDE: 5 NM 2200; 4 NM 1940; 3 NM 1680; 2 NM 1400". -IAW 8260.19I 8-6-9, RAISED FAF ALT TO COMPLY WITH MVA CHART, AND NEW TARGETS EVAL COMPLETED.
20. NOTES: CHANGED RWY 36L FROM "FAF 6 MILES FROM THRESHOLD, MINIMUM ALTITUDE 2500, MINIMUM ALTITUDE 3 MILE FIX 1400: APPROACH COURSE 360. RECOMMENDED ALTITUDE: 5 MILES 2200, 4 MILES 1900, 3 MILES 1400, 2 MILES 1160" TO "FAF 6 NM FROM THRESHOLD, MINIMUM ALTITUDE 2500, MINIMUM ALTITUDE 3 NM FIX 1400; FINAL APPROACH COURSE 360. RECOMMENDED ALTITUDE: 5 NM 2000; 4 NM 1900; 3 NM 1620; 2 NM 1320". - IAW 8260.19I 8-6-9 AND NEW TARGETS EVAL COMPLETED.

**COORDINATED WITH:**

A4A  ALPA  AOPA  APA  HAI  NBAA  OTHER: ZKC, ZFW, ZME, TUL APP CON, TUL ATCT, AMGR

**FLIGHT CHECKED BY**

PENDING

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

**OFFICE**

FPO

**DATE**

**DEVELOPED BY**

DONALD LANIER (ANDRE TUCKER)

Mar 01, 2022

*Digitally signed by*

**OFFICE**

AJV-A431

**DATE**

12/29/2021

**APPROVED BY**

LONNIE EVERHART

*Digitally signed by*  
**DONALD H LANIER**  
Mar 01, 2022

Mar 01, 2022

**OFFICE**

AJV-A430

**DATE**

**TITLE**

MANAGER

