

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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> ADM	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 31	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> ARDMORE	<u>STATE</u> OK
<u>AIRPORT ELEVATION</u> 777	<u>TDZE</u> 733	<u>SUPERSEDED</u> RNAV (GPS) RWY 31	<u>ORIGINAL/AMENDMENT</u> 1G	<u>DATED</u> 11/30/2023
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 21 MARCH 2024	<u>REQUIRED EFFECTIVE DATE</u> 03/21/2024	<u>MAG VAR</u> 6E
				<u>EPOCH YEAR</u> 1995
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ADM VORTAC		NIXHE		TF	FO	1.00	097.97	17.79	3600
TEYUS		SANJN		TF	FB	1.00	309.41	14.27	3600
TIKYS		GLARY		TF	FB	1.00	292.94	15.12	3600
SANJN	IAF	NIXHE	NOPT	TF	FB	1.00	019.49	7.10	3600
GLARY	IAF	NIXHE	NOPT	TF	FB	1.00	239.59	7.10	3600
NIXHE	IF/IAF	LIBTE		TF	FB	1.00	309.52	7.53	2600
LIBTE	FAF	UMEHU/1.80 NM TO RW31		TF	FB	0.30	309.47	3.92	
UMEHU/1.80 NM TO RW31		RW31	MAP	TF	FO	0.30	309.47	1.80	
RW31	MAP	933 MSL		CA			309.47		
933 MSL		RRDEE		DF	FO	1.00			3600

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW31

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3600 DIRECT RRDEE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD SE NIXHE, RT, 309.52 INBOUND, 3600 FT. IN LIEU OF PT (IAF), MAX 6000.														
3.	FAC:	309.47	FAF:	LIBTE	DIST FAF TO MAP:	5.72	DIST FAF TO THLD:	5.72							
4.	MIN ALT:	NIXHE 3600, LIBTE 2600, UMEHU/1.80 NM TO RW31 1340													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		200 HAT:	0.49	GS ANT:				
6.	MIN GP INCPT:	2600	GP ALT AT PFAF:	LIBTE 2600			OM:				MM:			IM:	
7.	GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR	TCH:	48.7							
8.	MSA FROM:	RW31 3600													

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV ALL CATS.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS AND LNAV CATS C AND D VISIBILITY TO 1 3/8 SM

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 129.30 INBOUND.
CHART FAS OBST: 904 TREE 341730N/0965915W.
CHART VDP AT 1.19 NM TO RW31.
WAAS CHANNEL # 69625
REFERENCE PATH ID: W31A
LTP HAE: 196.6 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 1000-3, NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA	933	1/2	200	933	1/2	200	933	1/2	200	933	1/2	200			
LNAV/VNAV DA	1200	1	467	1200	1	467	1200	1	467	1200	1	467			
LNAV MDA	1160	1/2	427	1160	1/2	427	1160	3/4	427	1160	3/4	427			
CIRCLING	1300	1	523	1440	1	663	1500	2	723	1700	3	923			



CHANGES - REASONS

1. PROFILE LINE 5: CHANGED FROM "258 HAT: 0.67" TO "200 HAT: 0.49" – NEW EVALUATION.
2. ADDITIONAL FLIGHT DATA: CHANGED CHART FAS OBST: FROM "919 TREE 341729N/0965914W, 842 TREE (40-051631) 341726N/0965913W." TO "904 TREE 341730N/0965915W." – NEW EVALUATION.
3. ADDITIONAL FLIGHT DATA: CHANGED VDP FROM "1.26" TO "1.19" – NEW EVALUATION.
4. MINIMUMS: LOWERED LPV DA/HAT FROM "991/258" TO "933/200" – UPDATED CONTROLLING OBSTACLE.
5. MINIMUMS: LOWERED LPV VISIBILITY ALL CATS FROM "3/4" TO "1/2" - IAW 8260.3E, TABLE 3-3-1.
6. MINIMUMS: LOWED LNAV/VNAV DA/HAT FROM "1241/508" TO "1200/467" – UPDATED CONTROLLING OBSTACLE.
7. MINIMUMS: LOWERED LNAV/VNAV VISIBILITY ALL CATS FROM "1 1/4" TO "1" - IAW 8260.3E, TABLE 3-3-1.
8. MINIMUMS: LOWERED LNAV MDA/HAT FROM "1180/447" TO "1160/427" AND VISIBILITYFROM "CAT A/B 3/4 AND CAT C/D 1" TO "CAT A/B 1/2 AND CAT C/D 3/4" - IAW 8260.3E, TABLE 3-3-1.
9. MINIMUMS: LOWERED CIRCLING CAT A CMDA/HAA FROM "1380/603" TO "1300/523" – UPDATED CONTROLLING OBSTACLE.
10. MINIMUMS: INCREASED CIRCLING CAT C CMDA/HAA FROM "1460/683" TO "1500/723" – UPDATED CONTROLLING OBSTACLE.
11. CRC REMAINDER CHANGED FROM "FE7F9974" TO "0180B459" – VERTICAL ALERT LIMIT CHANGED FROM "50.0" TO "35.0".

COORDINATED WITH:

A4A☐ALPA☒AOPA☒APA☐HAI☐NBAA☒OTHER:ZFW, ADM TOWER, AMGR

FLIGHT CHECKED BY

PENDING

Digitally signed by

CASIMIR L TABAKA

Jan 05, 2024

OFFICE

DATE

DEVELOPED BY

CHRISTOPHER SCHONES

Digitally signed by

CHRISTOPHER SCHONES

Jan 04, 2024

OFFICE

AJV-A431

DATE

10/19/2023

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by

CASIMIR L TABAKA

Jan 05, 2024

OFFICE

AJV-A431

DATE

03/21/2024

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KADM
RUNWAY	RW31
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	341749.6765N
LTP/FTP LONGITUDE	0970030.0160W
LTP/FTP ELLIPSOIDAL HEIGHT	+01966
FPAP LATITUDE	341853.2410N
FPAP LONGITUDE	0970145.5200W
THRESHOLD CROSSING HEIGHT (TCH)	00048.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0008
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	0180B459

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+02222
FPAP ORTHOMETRIC HEIGHT	+02222

