

**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.

AIRPORT ID 80F	PROCEDURE NAME RNAV (GPS) RWY 36	ORIGINAL/AMENDMENT 1	CITY ANTLERS	STATE OK
AIRPORT ELEVATION 577	TDZE 576	SUPERSEDED RNAV (GPS) RWY 35	DATED 01/30/2020	MAG VAR 2E
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 7 AUGUST 2025	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 2025
			CANCEL/SUSPEND	

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 268/30 CW 088/30	NOPT	TIDSE	IF/IAF	3000
2. 088/30 CW 178/30		BUUKK	IAF	3000
3. 178/30 CW 268/30		DEEAR	IAF	3000

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
BUUKK	IAF	TIDSE	NOPT	TF	FB	1.00	087.76	5.00	3000
DEEAR	IAF	TIDSE	NOPT	TF	FB	1.00	267.87	5.00	3000
TIDSE	IF/IAF	MUGYA		TF	FB	1.00	357.81	6.00	2500
MUGYA	FAF	JKIID/1.97 NM TO RW36		TF	FB	0.30	357.81	3.96	
JKIID/1.97 NM TO RW36		RW36	MAP	TF	FO	0.30	357.81	1.97	
RW36	MAP	911 MSL		CA			357.81		
911 MSL		GEGEE		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW36

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT GEGEE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

- | | | | | | |
|--|-----------------------------------|-----------------------|------------------------------|-------------------------------|----------------|
| 1. PT | SIDE OF COURSE | OUTBOUND | FT WITHIN | MILES OF | (IAF) |
| 2. HOLD S TIDSE, RT, 357.81 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000. | | | | | |
| 3. FAC: 357.81 | FAF: MUGYA | | DIST FAF TO MAP: 5.93 | DIST FAF TO THLD: 5.93 | |
| 4. MIN ALT: TIDSE 3000, MUGYA 2500, JKIID/1.97 NM TO RW36 1240 | | | | | |
| 5. DIST TO THLD FROM OM: | MM: | IM: | 150 HAT: | 335 HAT: 0.93 | GS ANT: |
| 6. MIN GP INCPT: 2500 | GP ALT AT PFAF: MUGYA 2500 | | | OM: | MM: |
| 7. GP ANGLE: 3.00 | 34:1: IS NOT CLEAR | 20:1: IS CLEAR | TCH: 42.9 | | IM: |
| 8. MSA FROM: | | | | | |

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: BARO-VNAV NA.
 CHART NOTE: CIRCLING RWY 18 NA AT NIGHT.
 CHART NOTE: RWY 36 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
 CHART NOTE: USE PRX ALTIMETER SETTING; WHEN NOT RECEIVED, USE DUA ALTIMETER SETTING: INCREASE LPV AND LNAV/VNAV DA TO 937 FEET; INCREASE ALL MDAS 40 FEET.

ADDITIONAL FLIGHT DATA:

CHART PRX AWOS-3PT
 HOLD N, RT, 177.81 INBOUND.
 CHART FAS OBST: 681 TREE (40-033353) 340941N/0953942W.
 WAAS CHANNEL # 70428
 REFERENCE PATH ID: W36A
 CHART CIRCLING ICON.
 LTP HAE: 143.9 M

MINIMUMS:

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

ALTERNATE: NA

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	911	1	335	911	1	335		NA			NA					
LNAV/VNAV DA	911	1	335	911	1	335		NA			NA					
LNAV MDA	1020	1	444	1020	1	444		NA			NA					
CIRCLING	1140	1	563	1140	1	563		NA			NA					



CHANGES - REASONS

1. PROCEDURE NAME: CHANGED FROM RNAV (GPS) RWY 35 TO RNAV (GPS) RWY 36 - MAGVAR UPDATE AND RUNWAY NUMBER CHANGE FROM 35 TO 36.
2. MAG VAR: CHANGED FROM 5E (EPOCH YEAR 2000) TO 2E (EPOCH YEAR 2025) - FPT REQUEST.
3. CHANGED ALL RUNWAY REFERENCES FROM RW35 TO RW36 AND FROM RW17 TO RW18 - MAGVAR AND RUNWAY NUMBER UPDATE.
4. ADDED TAA - PROCEDURE REDESIGN, FPT REQUEST.
5. TERMINAL ROUTES: DELETED FEEDER SEGMENT FROM WOLUR TO TIDSE AND INITIAL SEGMENT FROM PRX VOR/DME TO TIDSE - PROCEDURE REDESIGN, REPLACED BY TAA.
6. TERMINAL ROUTES: ADDED INITIAL SEGMENTS FROM BUUKK TO TIDSE AND DEEAR TO TIDSE - PROCEDURE REDESIGN TO BASIC T CONFIGURATION.
7. TERMINAL ROUTES, INTERMEDIATE FROM TIDSE TO MUGYA: CHANGED COURSE FROM 354.81 TO 357.81 AND DISTANCE FROM 9.34 TO 6.00 NM - MAG VAR UPDATE AND PROCEDURE REDESIGN.
8. TERMINAL ROUTES, FINAL FROM MUGYA TO JKIID: MOVED JKIID FROM 2.00 TO 1.97 NM TO RW36, CHANGED COURSE FROM 354.81 TO 357.81, AND CHANGED SEGMENT DISTANCE FROM 3.94 TO 3.96 - JKIID RELOCATION GIVES MORE STABILIZED DESCENT ANGLE, AND MAG VAR UPDATE.
9. TERMINAL ROUTES, FINAL STEPDOWN FROM JKIID TO RW36: CHANGED COURSE FROM 354.81 TO 357.81 AND SEGMENT DISTANCE FROM 2.00 TO 1.97 - MAG VAR UPDATE AND JKIID RELOCATION TO GIVE MORE STABILIZED DESCENT ANGLE.
10. TERMINAL ROUTES, MISSED APPROACH CA SEGMENT: CHANGED FROM RW35 TO RW36 AND CHANGED COURSE FROM 354.81 TO 357.81 - MAG VAR UPDATE.
11. TERMINAL ROUTES, MISSED APPROACH: DELETED SEGMENTS FROM 911 MSL TO RUFYU AND RUFYU TO WOLUR - MISSED APPROACH REDESIGN.
12. TERMINAL ROUTES, MISSED APPROACH: ADDED DF SEGMENT FROM 911 MSL TO GEGEE - MISSED APPROACH REDESIGN.
13. MISSED APPROACH INSTRUCTIONS: CHANGED FROM "CLIMB TO 3900 DIRECT RUFYU AND ON TRACK 281.30 TO WOLUR AND HOLD" TO "CLIMB TO 3000 DIRECT GEGEE AND HOLD" - MISSED APPROACH REDESIGN.
14. PROFILE LINE 2: CHANGED COURSE FROM 354.81 TO 357.81 AND HOLDING ALTITUDE FROM 3900 TO 3000 - MAG VAR UPDATE , PROCEDURE REDESIGN, AND NEW OBSTACLE EVAL.
15. PROFILE LINE 3: CHANGED FAC FROM 354.81 TO 357.81 - MAG VAR UPDATE.
16. PROFILE LINE 3: CHANGED "DIST FAF TO MAP" AND "DIST FAF TO THLD" FROM 5.94 TO 5.93 - FAF MOVED DUE TO NEW PFAF CALCULATION.
17. PROFILE LINE 4 : CHANGED MIN ALT AT TIDSE FROM 3900 TO 3000 PROCEDURE REDESIGN AND NEW OBSTACLE EVAL.
18. PROFILE LINE 4 : DELETED ASTERISK FROM JKIID 1240 - NO LONGER REQUIRED.
19. PROFILE LINE 5: CHANGED DIST TO THLD FROM 335 HAT FROM 0.94 TO 0.93 NM - NEW CALCULATION.
20. PROFILE LINE 7: CHANGED TCH FROM 40.0 TO 42.9 - MATCH VGSi TCH.
21. PBN REQUIREMENTS NOTE: CHANGED FROM "RNP APCH" TO "RNP APCH - GPS" - ADDED SENSOR, 8260.19J PARA 8-6-8.D.(5)(A)1.
22. NOTES: DELETED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON PRX VOR/DME AIRWAYS RADIALS 263 CW 057" - PROCEDURE REDESIGN, DELETED ARRIVAL FROM PRX VOR/DME.
23. NOTES: REFORMATTED BACKUP ALTIMETER NOTE FROM "USE PARIS ALTIMETER SETTING; WHEN NOT RECEIVED, USE DURANT ALTIMETER SETTING AND INCREASE LPV AND LNAV/VNAV DA TO 937 FEET, INCREASE ALL MDA 40 FEET" TO "USE PRX ALTIMETER SETTING; WHEN NOT RECEIVED, USE DUA ALTIMETER SETTING: INCREASE LPV AND LNAV/VNAV DA TO 937 FEET; INCREASE ALL MDAS 40 FEET" - MERGED FORMATS FROM 8260.19J PARA 8-6-10.F.(6) AND 8-6-12.N.(1)(A)2.
24. ADDITIONAL FLIGHT DATA: DELETED "LNAV ONLY" - NO LONGER REQUIRED.
25. ADDITIONAL FLIGHT DATA: CHANGED MISSED HOLDING FROM "HOLD N, RT, 191.10 INBOUND" TO "HOLD N, RT, 177.81 INBOUND" - MISSED APPROACH REDESIGN AND NEW HOLDING FIX.
26. ADDITIONAL FLIGHT DATA: CHART FAS OBST, ADDED OBSTACLE ID "(40-033353)" - LATEST FORMAT, 8260.19J PARA 8-6-11.C.
27. ADDITIONAL FLIGHT DATA: CHANGED REFERENCE PATH ID FROM W35A TO W36A - MAGVAR AND RUNWAY NUMBER UPDATE.
28. MINIMUMS: LOWERED LPV CAT A/B VISIBILITY FROM 1 1/8 TO 1 SM - NEW VISIBILITY EVAL, 8260.3F TABLE 3-3-1.
29. MINIMUMS: LOWERED LNAV/VNAV CAT A/B VISIBILITY FROM 1 1/8 TO 1 SM - NEW VISIBILITY EVAL, 8260.3F TABLE 3-3-1.
30. FAS DATA: CHANGED RUNWAY FROM RW35 TO RW36, REFERENCE PATH IDENTIFIER (APPROACH ID) FROM W35A TO W36A, FPAP LONGITUDE FROM 0953859.7825W TO 0953859.7795W, AND THRESHOLD CROSSING HEIGHT (TCH) FROM 00040.0 TO 00042.9 - MAGVAR AND RUNWAY NUMBER UPDATE, NEW TCH, AND NEW FAS DATA CALCULATION.
31. FAS DATA: CHANGED CRC REMAINDER FROM CD26FF49 TO FF837821 - NEW FAS DATA CALCULATION.

COORDINATED WITH:

A4A
 ALPA
 AOPA
 APA
 HAI
 NBAA

OTHER: ZFW ARTCC, OKLAHOMA AERONAUTICS COMMISSION, AMGR

FLIGHT CHECKED BY

BRIAN HARRELSON

Digitally signed by

RAKE MCGRAW

May 08, 2025

OFFICE

AJF

DATE

05/05/2025

DEVELOPED BY

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May 08, 2025

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DATE

TITLE
MANAGER



AIRPORT ID
80F

PROCEDURE NAME
RNAV (GPS) RWY 36

ORIGINAL/AMENDMENT
1

CITY
ANTLERS

STATE
OK

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	80F
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	341117.0560N
LTP/FTP LONGITUDE	0953859.4315W
LTP/FTP ELLIPSOIDAL HEIGHT	+01439
FPAP LATITUDE	341246.3110N
FPAP LONGITUDE	0953859.7795W
THRESHOLD CROSSING HEIGHT (TCH)	00042.9
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER FF837821

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+01737
FPAP ORTHOMETRIC HEIGHT	+01737

