

**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.

<b>AIRPORT ID</b> 404	<b>PROCEDURE NAME</b> RNAV (GPS) RWY 2	<b>ORIGINAL/AMENDMENT</b> 2	<b>CITY</b> IDABEL	<b>STATE</b> OK
<b>AIRPORT ELEVATION</b> 472	<b>TDZE</b> 472	<b>SUPERSEDED</b> RNAV (GPS) RWY 2	<b>DATED</b> 08/15/2019	<b>MAG VAR</b> 3E
<b>FACILITY</b> RNAV	<b>COORDINATES OF FACILITIES</b>	<b>ACTUAL EFFECTIVE DATE</b> 12 JUNE 2025	<b>REQUIRED EFFECTIVE DATE</b> ROUTINE	<b>EPOCH YEAR</b> 2005
				<b>CANCEL/SUSPEND</b>

**TAA**

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 290/30 CW 110/30	NOPT	RUVOC	IF/IAF	2500
2. 110/30 CW 200/30		110/20 CW 200/20		2800
3. 110/20 CW 200/20		TIPUC	IAF	2500
4. 200/30 CW 290/30		200/20 CW 290/20		2600
5. 200/20 CW 290/20		PIVIE	IAF	2500

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
TIPUC	IAF	RUVOC	NOPT	TF	FB	1.00	110.06	5.00	2500
PIVIE	IAF	RUVOC	NOPT	TF	FB	1.00	290.16	5.00	2500
RUVOC	IF/IAF	WOSAT		TF	FB	1.00	020.11	6.00	2100
WOSAT	FAF	FANOD/1.60 NM RW02		TF	FB	0.30	020.14	3.39	
FANOD/1.60 NM RW02		RW02	MAP	TF	FO	0.30	020.14	1.60	
RW02	MAP	722 MSL		CA			020.14		
722 MSL		ZUTEM		DF	FO	1.00			3000

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW02

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 3000 DIRECT ZUTEM AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



**PROFILE:**

- |  |                       |                                   |                         |                  |       |                          |      |                |
|--|-----------------------|-----------------------------------|-------------------------|------------------|-------|--------------------------|------|----------------|
| 1. <b>PT</b>   | <b>SIDE OF COURSE</b> | <b>OUTBOUND</b>                   | <b>FT WITHIN</b>        | <b>MILES OF</b>  | (IAF) |                          |      |                |
| 2. HOLD S RUVOC, RT, 020.11 INBOUND, 2500 FT. IN LIEU OF PT (IAF), MAX 6000. |                       |                                   |                         |                  |       |                          |      |                |
| 3. <b>FAC:</b> 020.14  |                       | <b>FAF:</b> WOSAT                 | <b>DIST FAF TO MAP:</b> | 4.99             |       | <b>DIST FAF TO THLD:</b> | 4.99 |                |
| 4. <b>MIN ALT:</b> RUVOC 2500, WOSAT 2100, FANOD/1.60 NM RW02 1020           |                       |                                   |                         |                  |       |                          |      |                |
| 5. <b>DIST TO THLD FROM OM:</b>  |                       | <b>MM:</b>                        | <b>IM:</b>              | <b>150 HAT:</b>  |       | <b>250 HAT:</b>          | 0.66 | <b>GS ANT:</b> |
| 6. <b>MIN GP INCPT:</b> 2100   |                       | <b>GP ALT AT PFAF:</b> WOSAT 2100 |                         |                  |       | <b>OM:</b>               |      | <b>MM:</b>     |
| 7. <b>GP ANGLE:</b> 3.00   |                       | <b>34:1:</b> IS CLEAR             | <b>20:1:</b> IS CLEAR   | <b>TCH:</b> 40.0 |       |                          |      | <b>IM:</b>     |
| 8. <b>MSA FROM:</b>  |                       |                                   |                         |                  |       |                          |      |                |

**PBN REQUIREMENTS NOTE:**

RNP APCH - GPS.

**NOTES:**

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.  
 CHART SPEED ICON IN PLANVIEW AT TIPUC: MAX 200 KIAS.  
 CHART SPEED ICON IN PLANVIEW AT PIVIE: MAX 200 KIAS.  
 CHART SPEED ICON IN PLANVIEW AT RUVOC: MAX 180 KIAS.

**ADDITIONAL FLIGHT DATA:**

HOLD N, RT, 200.22 INBOUND.  
 CHART FAS OBST: 606 TREE 335412N/0945103W.  
 CHART VDP AT 1.09 NM TO RW02.  
 WAAS CHANNEL # 63042  
 REFERENCE PATH ID: W02A  
 LTP HAE: 116.1 M

**MINIMUMS:**

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

**ALTERNATE:** NA  STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E			
	FINAL TYPE	DA/MDA	VIS	HAT/HAA												
LPV DA	722	1	250	722	1	250	722	1	250		NA					
LNAV/VNAV DA	764	1	292	764	1	292	764	1	292		NA					
LNAV MDA	860	1	388	860	1	388	860	1 1/8	388		NA					



**CHANGES - REASONS**

1. MINIMUMS: REMOVED LP MINIMUMS - PER ATC REQUEST
2. MINIMUMS: ADDED LPV, LNAV/VNAV MINIMA - PER ATC REQUEST
3. MINIMUMS: LNAV CHANGED FROM MDA/HAT 820/348 ALL CATS TO 860/388 ALL CATS AND VIS CHANGED CAT C FROM 1 TO 1 1/8 - NEW CONTROLLING OBSTACLE PER 8260.3F.
4. TERMINAL ROUTES: CHANGED DISTANCE FROM RUVOC IF/IAF TO WOSAT PFAF FROM 6.01 TO 6.00 – NEW IF/IAF AND PFAF LOCATION.
5. TERMINAL ROUTES: CHANGED FAC DISTANCE FROM PFAF (WOSAT) TO SD (FANOD) FROM 3.40 TO 3.39 – NEW PFAF LOCATION.
6. TERMINAL ROUTES: CHANGED CA FROM 800 MSL TO 722 MSL - ADDED LPV MINIMUMS.
7. MAP: REMOVED LP: RW02 AND ADDED LPV: DA, LNAV/VNAV: DA - REMOVED LP AND ADDED LNAV/VNAV LINE OF MINS.
8. PROFILE LINE 5: ADDED 250 HAT 0.66 - LPV AND LNAV/VNAV MINS ADDED.
9. PROFILE LINE 6: ADDED MIN GP INCPT 2100 AND GP ALT AT PFAF WOSAT 2100 - LPV AND LNAV/VNAV LINE OF MINS ADDED.
10. CHART NOTE: ADDED FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C. - ADDED LNAV/VNAV MINIMUMS TO PROCEDURE.
11. PBN REQUIREMENTS NOTE: CHANGED FROM "RNP APCH" TO "RNP APCH - GPS" - PER 8260.19.
12. VDP CHANGED FROM VDP .90 DME TO VDP AT 1.09 DME - CHANGED POINT OF INTERSECTION IAW 8260.3 PARA 2-6-5.
13. ADDITIONAL FLIGHT DATA: CHANGED FROM CHART FAS OBST: "534 TREE 335408N/0945157W, 565 TREE 335405N/0945112W" TO FAS OBS "606 TREE 335412N/0945103W" - NEW CONTROLLING OBSTACLE.
14. ADDITIONAL FLIGHT DATA: REMOVED WOSAT TO RW02: 3.00/40 - LPV AND LNAV/VNAV MINS ADDED.
15. FAS DATA BLOCK INFORMATION: LENGTH OFFSET CHANGED FROM "1232" TO "1224", VERTICAL ALERT LIMIT (VAL) CHANGED FROM "0.0" TO "50". – ADDED LPV LINE OF MINIMA.
16. FAS DATA BLOCK INFORMATION: CRC REMAINDER CHANGED FROM 37A8A80A TO 8345DB7A. – REMOVED LP MINIMUMS, ADDED LPV, LNAV/VNAV MINIMA. PER ATC/FPT CHECKLIST.
17. ALTERNATE MINIMUMS: ADDED NA WHEN LOCAL WEATHER NOT AVAILBLE - PER 8260.19J.

**COORDINATED WITH:**

**A4A** 
**ALPA** 
**AOPA** 
**APA** 
**HAI** 
**NBAA** 
**OTHER:** ZFW, ST. AV. DIR., AMGR

**FLIGHT CHECKED BY**

*Digitally signed by*  
**ERIC N SUSKI**  
 Mar 19, 2025

**OFFICE**

AJF

**DATE**

03/18/2025

**DEVELOPED BY**

LIAM DONAHUE (RONI SECAIDA)

*Digitally signed by*  
**ERIC N SUSKI**  
 Feb 24, 2025

**OFFICE**

AJV-33

**DATE**

11/01/2024

**APPROVED BY**

JOHN BORDY

*Digitally signed by*  
**ERIC N SUSKI**  
 Feb 24, 2025

**OFFICE**

AJV-33

**DATE**

11/01/2024

**TITLE**

MANAGER



AIRPORT ID  
404

PROCEDURE NAME  
RNAV (GPS) RWY 2

ORIGINAL/AMENDMENT  
2

CITY  
IDABEL

STATE  
OK

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	404
RUNWAY	RW02
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W02A
LTP/FTP LATITUDE	335410.9530N
LTP/FTP LONGITUDE	0945145.3780W
LTP/FTP ELLIPSOIDAL HEIGHT	+01161
FPAP LATITUDE	335533.0165N
FPAP LONGITUDE	0945103.2630W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER 8345DB7A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+01437
FPAP ORTHOMETRIC HEIGHT	+01437

