

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</u> BOWIE MUNI	<u>AIRPORT ID</u> K0F2	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 35	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> BOWIE	<u>STATE</u> TX
<u>AIRPORT ELEVATION</u> 1101	<u>TDZE</u> 1098	<u>SUPERSEDED</u> RNAV (GPS) RWY 35	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 12/07/2017	<u>MAG VAR</u> 4E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 19 JULY 2018	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL SUSPEND</u>	<u>EPOCH YEAR</u> 2020

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 260/30 CW 080/30	NOPT	260/7 CW 080/7		4000
1. 260/7 CW 080/7		FENUP	IF/IAF	2900
2. 080/30 CW 170/30		HERAM	IAF	2900
3. 170/30 CW 260/30		JIRSO	IAF	4000

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
HERAM	IAF	FENUP	NOPT	TF	FB	1.00	080.33	5.00	2900
JIRSO	IAF	FENUP	NOPT	TF	FB	1.00	260.44	5.00	2900
FENUP	IF/IAF	CELPO		TF	FB	1.00	350.38	6.13	2800
CELPO	FAF	RW35	MAP	TF	FO	0.30	350.38	5.27	
RW35	MAP	1348 MSL		CA			350.38		
1348 MSL		JABEV		DF	FO	1.00			2800

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW35

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2800 DIRECT JABEV AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



CHANGES - REASONS

1. TERMINAL ROUTE: HERAM TO FENUP COURSE CHANGED FROM 077.32 TO 080.33 - AIRPORT MAGVAR UPDATE.
2. TERMINAL ROUTE: JIRSO TO FENUP COURSE CHANGED FROM 257.43 TO 260.44 - AIRPORT MAGVAR UPDATE.
3. TERMINAL ROUTE: FENUP TO CELPO COURSE CHANGED FROM 347.38 TO 350.38, DISTANCE CHANGED FROM 6.21 TO 6.13, RNP CODE CHANGED FROM 0.50 TO 1.00 - AIRPORT MAGVAR UPDATE, NEW PFAF FORMULA.
4. TERMINAL ROUTE: CELPO TO RWY 35 COURSE CHANGED FROM 347.38 TO 350.38, DISTANCE CHANGED FROM 5.19 TO 5.27 - AIRPORT MAGVAR UPDATE, NEW PFAF FORMULA.
5. TERMINAL ROUTE: ADDED 1348 CA LEG - IAW 8260.58 3-5-2.
6. MISSED APPROACH: ADDED LPV: DA, LNAV/VNAV: DA - ADDED LPV, LNAV/VNAV PER AIR TRAFFIC/IFP REQUEST.
7. ADDITIONAL FLIGHT DATA: MISSED HOLDING INBOUND COURSE CHANGED FROM 167.36 TO 170.36 - AIRPORT MAGVAR UPDATE.
8. ADDITIONAL FLIGHT DATA: CHART FAS OBST: 1470 TOWER 333259N/0974729W CHANGED TO FAS OBS: 1270 AAO 333209N/0974521W - ADDED 200 FT AAO ON FINAL.
9. ADDITIONAL FLIGHT DATA: ADDED CHART VDP AT 1.24 NM - IAW 8260.19 8-6-10.
10. ADDITIONAL FLIGHT DATA: ADDED WAAS CHANNEL # 58341, REFERENCE PATH ID: W35A, LTP HAE: 303.4 M - ADDED LPV, LNAV/VNAV PER AIR TRAFFIC/IFP REQUEST.
11. ADDITIONAL FLIGHT DATA: ADDED CHART CIRCLING ICON - ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.
12. LINE #2: HIL INBOUND COURSE CHANGED FROM 347.38 TO 350.38 - AIRPORT MAGVAR UPDATE.
13. LINE #3: FAC CHANGED FROM 347.38 TO 350.38, DIST FAF TO MAP AND THLD CHANGED FROM 5.19 TO 5.27 - NEW PFAF FORMULA APPLIED.
14. LINE #6: ADDED MIN GS INCPT : 2800, GS ALT AT: CELPO 2800 - ADDED LPV, LNAV/VNAV PER AIR TRAFFIC/IFP REQUEST.
15. LINE #7: ADDED GS ANGLE: 3.00, TCH: 40, 20:1 IS CLEAR - ADDED LPV, LNAV/VNAV PER AIR TRAFFIC/IFP REQUEST.
16. MAG VAR CHANGED FROM 7E/1990 TO 4E/2020 - AIRPORT MAGVAR UPDATE.
17. ALTERNATE MINIMUMS: ADDED STANDARD CAT C 800-2 1/4 - ADDED BACK UP ALTIMETER SETTING AIRPORT KLUD. NEW AIRNAV DATA.
18. ADDED LPV, LNAV/VNAV LINES OF MINIMUMS - ADDED LPV, LNAV/VNAV PER AIR TRAFFIC/IFP REQUEST.
19. LNAV MINIMUMS CHANGED FROM CAT A/B- 1780/1/682, CAT C- 1780/2/682, TO CAT A/B-1520/1/422, CAT C-1520/1 1/4/422 - NEW CONTROLLING OBS. MINS LOWERED WITH FPT APPROVAL.
20. CIRCLING MINIMUMS CHANGED FROM CAT A/B- 1780/1/679, CAT C-1780/2/679, TO CAT A-1560/1/459, CAT B-1680/1/579, CAT C-1860/2 1/4/759 - ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A LOWERED WITH FPT APPROVAL.
21. NOTES: REMOVED CHART NOTE: DME/DME RNP-0.3 NA - REPLACED WITH PBN REQUIREMENTS NOTE: RNP APCH IAW 8260.19H.
22. NOTES: REMOVED CHART NOTE: USE DECATUR ALTIMETER SETTING; WHEN NOT RECEIVED, USE GAINSVILLE ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET, INCREASE CAT B AND C VISIBILITY 1/4 MILE - ADDED BACK UP ALTIMETER SETTING AIRPORT KLUD ON 8260-9. NEW AIRNAV DATA.
23. NOTES: REMOVED CHART NOTE: CIRCLING RWY 17 NA AT NIGHT - 20:1 CLEAR. CIRCLING 20:1 OBS IS LIT.
24. NOTES: ADDED CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C OR ABOVE 54C - ADDED LPV, LNAV/VNAV PER AIR TRAFFIC/IFP REQUEST.
25. NOTES: ADDED PBN REQUIREMENT NOTE: RNP APCH - IAW 8260.58 CH 3.
26. NOTES: ADDED CHART SPEED ICON IN PLANVIEW AT FENUP : MAX 180 KIAS - USED 8260.58 CRITERIA TO KEEP PROCEDURE AS PUBLISHED PER AIR TRAFFIC/IFP REQUEST.
27. LINE 5: ADDED DISTANCE TO THLD FROM 250 HAT: 0.66 NM - IAW 8260.19H DOCUMENTATION CRITERIA.
28. REMOVED DEGREES FAHRENHEIT FROM BARO-VNAV NOTE - FAHRENHEIT NO LONGER REQUIRED IAW 8260.19H

PDF EDITS:

- CHANGED "MAP" TO "ARP" ON AIRSPACE LETTER.
- REMOVED "ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED" FROM NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS.
- CHANGED AVERAGE COLD TEMPERATURE DERIVED DEVIATION REMARK FROM 12C TO -30C.



COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZFW, ARPT MGR, ST. AV. DIR.,

FLIGHT CHECKED BY

ANTHONY D VALLERA

DEVELOPED BY

LEO PALMER

APPROVED BY

JULIE MORGAN

Digitally signed by

DEZ SILAGYI

Apr 24, 2018

OFFICE

FICO

DATE

4/18/18

Digitally signed by
LEO PALMER
Apr 02, 2018

OFFICE

AJV-5421

DATE

04/02/2018

Digitally signed by

DEZ SILAGYI

Apr 24, 2018

OFFICE

AJV-5420

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	K0F2
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	333548.2445N
LTP/FTP LONGITUDE	0974629.9465W
LTP/FTP ELLIPSOIDAL HEIGHT	+03034
FPAP LATITUDE	333717.0780N
FPAP LONGITUDE	0974640.4145W
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	1656
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	4F571E8C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+03300
FPAP ORTHOMETRIC HEIGHT	+03300

