

**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 MEI	PROCEDURE NAME RNAV (GPS) RWY 22	ORIGINAL/AMENDMENT 2	CITY MERIDIAN	STATE MS
AIRPORT ELEVATION 298	TDZE 298	SUPERSEDED RNAV (GPS) RWY 22	ORIGINAL/AMENDMENT 1A	DATED 12/11/2014
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 16 MAY 2024	REQUIRED EFFECTIVE DATE ROUTINE	MAG VAR 2W
				EPOCH YEAR 2015
				CANCEL/SUSPEND

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 136/30 CW 316/30	NOPT	WOXET	IF/IAF	3300
2. 316/30 CW 136/30		WOXET	IF/IAF	3300

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
WOXET	IF/IAF	TEEBS		TF	FB	1.00	226.08	6.60	1600
TEEBS	FAF	RW22	MAP	TF	FO	0.30	226.02	3.93	
RW22	MAP	1000 MSL		CA			226.02		1000
1000 MSL		PAULD		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW22

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 3000 DIRECT PAULD AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT
- SIDE OF COURSE
- OUTBOUND
- FT WITHIN
- MILES OF (IAF)
- HOLD NE WOXET, LT, 226.08 INBOUND, 3300 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAC: 226.02 FAF: TEEBS DIST FAF TO MAP: 3.93 DIST FAF TO THLD: 3.93
- MIN ALT: WOXET 3300, TEEBS 1600
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 294 HAT: 0.76 GS ANT: IM:
- MIN GP INCPT: 1600 GP ALT AT PFAF: TEEBS 1600 OM: MM: IM:
- GP ANGLE: 3.00 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 52.0
- MSA FROM:



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 22 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -7°C OR ABOVE 54°C.
 CHART NOTE: CIRCLING NA E OF RWY 01 AND SE OF RWY 22.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON
 CHART PLANVIEW: MERIDIAN NAS (MC CAIN FLD)
 HOLD SW, LT, 039.86 INBOUND.
 FAS OBST: 667 AAO 322415N/0884206W.
 CHART VDP AT 1.78 NM TO RW22.
 WAAS CHANNEL # 48833
 REFERENCE PATH ID: W22A
 LTP HAE: 62.7 M

MINIMUMS:

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

ALTERNATE: NA STANDARD - CAT D 900-2 3/4, NA WHEN LOCAL WEATHER NOT AVAILABLE.

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
LPV DA	592	7/8	294	592	7/8	294	592	7/8	294	592	7/8	294			
LNAV/VNAV DA	825	1 1/2	527	825	1 1/2	527	825	1 1/2	527	825	1 1/2	527			
LNAV MDA	920	1	622	920	1	622	920	1 3/4	622	920	1 3/4	622			
CIRCLING	920	1	622	920	1	622	960	1 3/4	662	1120	2 3/4	822			



CHANGES - REASONS

1. INCORPORATED CHANGES FROM P-NOTAM FOR AMDT 1A INTO FORM - IAW 8260.19I PARA 8-3-4.C (3).
2. TERMINAL ROUTES: FAF FIX CUGOS RENAMED TO TEEBS AND UPDATED DISTANCE FOR LEG WOXET TO TEEBS FROM "6.67" TO "6.60" – FIX NAME CHANGE PER ATC VALIDATED REQUEST, PFAF RELOCATED 459 FT TO THE NORTHEAST TO MAINTAIN 3.00 GP ANGLE.
3. TERMINAL ROUTES: LEGS TEEBS TO RW22 AND RW22 TO 1000 MSL COURSES UPDATED FROM "226.03" TO "226.02" – UPDATED TARGETS EVALUATION.
4. PROFILE LINE 2: ADDED MAX ALTITUDE 6000 TO HOLD IN LIEU OF PT INSTRUCTION - 8260.19I, 8-6-7.B.(2).
5. PROFILE LINE 3: FAC CHANGED FROM "226.03" TO "226.02" AND FAF NAME FROM "CUGOS" TO "TEEBS" - FAF TEEBS MOVED 459 FEET NORTHEAST TO ACHIEVE 3.00 GP ANGLE AND TO MORE ACCURATELY ALIGN WITH RUNWAY, FIX NAME CHANGE PER ATC VALIDATED REQUEST.
6. PROFILE LINE 4: MIN ALT CHANGED FROM "WOXET 3300, CUGOS 1600" TO "WOXET 3300, TEEBS 1600" – FAF NAME CHANGE PER ATC VALIDATED REQUEST.
7. PROFILE LINE 5: REMOVED "DISTANCE TO THLD FROM 264 HATH: 066 NM" FROM ADDITIONAL FLIGHT DATA AND ADDED "DISTANCE TO THLD FROM 294 HAT: 0.76" - IAW 8260.19I 8-6-7E(3).
8. PROFILE LINE 6: CHANGED GP ALT AT PFAF FROM "CUGOS 1600" TO "TEEBS 1600" - CHANGED FAF NAME AND IAW 8260.19I 8-6-7.
9. PROFILE LINE 7: ADDED 20:1 IS CLEAR - AIRPORT REMOVED 20:1 PENETRATING OBSTACLES.
10. DELETED CHART NOTE: "DME/DME RNP-0.3 NA" AND ADDED "RNP APCH – GPS" TO PBN REQUIREMENTS NOTE - IAW 8260.19I PARA 8-6-8.B (2).
11. UPDATED CHART NOTE: "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -7°C OR ABOVE 54°C" – FAHRENHEIT TEMPERATURES REMOVED IAW 8260.19I; LOW TEMP UPDATED PER EVALUATION.
12. UPDATED CHART NOTE: "HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" TO "RWY 22 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" – IAW 8260.19I 8-6-11 K.3.
13. REMOVED CHART NOTE: "STRAIGHT-IN/CIRCLING RWY 22 NA AT NIGHT" – NEW EVALUATION SHOWS PROCEDURE CLEAR OF 20:1 VISUAL AREA PENETRATIONS.
14. UPDATED CHART NOTE: "CIRCLING NA SE OF RWYS 1 AND 22" TO "CIRCLING NA E OF RWY 01 AND SE OF RWY 22" – IAW 8260.19I 8-6-11 (5) C.
15. REMOVED CHART NOTE: "VGSI AND RNAV GLIDEPATH NOT COINCIDENT" – VGSI TO RWY 22 REMOVED.
16. UPDATED AND MOVED BARO-VNAV NA AND BACKUP ALTIMETER NOTE TO 8260-9 GENERAL REMARKS - IAW 8260.19I, 8-6-9.F(3).
17. ADDITIONAL FLIGHT DATA: UPDATED "CHART MERIDIAN NAS" TO "CHART PLANVIEW: MERIDIAN NAS (MC CAIN FLD) - CHANGED TO SHOW CORRECT CHARTING LOCATION.
18. ADDITIONAL FLIGHT DATA: UPDATED FAS OBST FROM "679 AAO 322328N/0884222W" TO "FAS OBST: 667 AAO 322415N/0884206W" – NEW TARGETS EVALUATION USING MITRE 3 ARC SECOND TERRAIN DATA.
19. ADDITIONAL FLIGHT DATA: DELETED "CHART ASR/PAR" - NOTE NO LONGER NEEDED IAW 8260.19I 1-1-5 F (16).
20. ADDITIONAL FLIGHT DATA: LTP HAE CHANGED FROM "62.8 M" TO "62.7 M" – RWY THRESHOLD MOVEMENT.
21. MINIMUMS: INCREASED LPV DA/HAT ALL CATS FROM "562/264" TO "592/294" – CONTROLLING OBSTACLE CHANGE.
22. MINIMUMS: LOWERED LPV VISIBILITY ALL CATS FROM "1" SM TO "7/8" SM – IAW 8260.3E TABLE 3-3-2.
23. MINIMUMS: INCREASED LNAV/VNAV DA/HAT ALL CATS FROM "822/524" TO "825/527" – CONTROLLING OBSTACLE CHANGE.
24. MINIMUMS: LOWERED LNAV/VNAV VISIBILITY ALL CATS FROM "1 3/4" SM TO "1 1/2" SM – IAW 8260.3E TABLE 3-3-2.
25. MINIMUMS: LOWERED LNAV MDA/HAT ALL CATS FROM "940/642" TO "920/622" – CONTROLLING OBSTACLE CHANGE.
26. MINIMUMS: LOWERED LNAV VISIBILITY CATS C AND D FROM "1 7/8" SM TO "1 3/4" - IAW 8260.3E TABLE 3-3-1.
27. MINIMUMS: LOWERED CIRCLING CMDA/HAA CATS A AND B FROM "940/642" TO "920/622" – CONTROLLING OBSTACLE CHANGE AND LNAV SI ADJUSTMENT.
28. MINIMUMS: LOWERED CIRCLING CAT C VISIBILITY FROM "2" SM TO "1 3/4" SM – IAW 8260.3E TABLE 3-3-7.
29. FAS DATA: UPDATED LTP/FTP LATITUDE AND LONGITUDE FROM "322024.3090N/0884433.0510W" TO "322027.5240N/0884429.3940W" – RWY THLD MOVEMENT.
30. FAS DATA: UPDATED LTP/FTP ELLIPSOIDAL HEIGHT FROM "+00628" TO "+00627" – NEW LTP LOCATION.
31. FAS DATA: UPDATED FPAP LATITUDE AND LONGITUDE FROM "321920.0790N/0884546.0925W" TO "321923.2845N/0884542.4245W" – NEW EVALUATION.
32. FAS DATA: UPDATED LENGTH OFFSET FROM "1352" TO "1208" – NEW FPAP LOCATION.
33. FAS DATA: UPDATED CRC REMAINDER FROM "CA69C0F0" TO "8E6F4874" – LTP AND FPAP LAT/LONG UPDATE.
34. FAS DATA: UPDATED LTP AND FPAP ORTHOMETRIC HEIGHT FROM "+00906" TO "+00905" – RWY THLD MOVEMENT.

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA OTHER: ZME, MEI APP CON, MEI ATCT, AMGR, ATA

FLIGHT CHECKED BY	<i>Digitally signed by</i>	OFFICE	DATE
RYAN CARAMANICA	DAVID DANNER	FPO	03/08/2024
	Mar 08, 2024		

DEVELOPED BY	DAVID DANNER	OFFICE	DATE
DAVID DANNER (DALLIN STRICKLAND)	Mar 08, 2024	AJV-A421	12/07/2023

APPROVED BY	<i>Digitally signed by</i>	OFFICE	DATE	TITLE
DAVID DANNER	DAVID DANNER	AJV-A421	05/16/2024	MANAGER
	Mar 08, 2024			



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMEI
RUNWAY	RW22
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W22A
LTP/FTP LATITUDE	322027.5240N
LTP/FTP LONGITUDE	0884429.3940W
LTP/FTP ELLIPSOIDAL HEIGHT	+00627
FPAP LATITUDE	321923.2845N
FPAP LONGITUDE	0884542.4245W
THRESHOLD CROSSING HEIGHT (TCH)	00052.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1208
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER 8E6F4874

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00905
FPAP ORTHOMETRIC HEIGHT	+00905

