

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
VOR STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.23**

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>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>	
MEI	VOR-A	17A	MERIDIAN	MS	
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
298		VOR-A	08/22/2013	5E	1965
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>	
MEI			17	ROUTINE	

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>
NOVCA/10.00 DME CW	IAF	COYGA/MEI 10.00 DME	NOPT				10.00 DME ARC		2100
COYGA/MEI 10.00 DME	IF	MEI VORTAC					130.81	10.00	1600

MISSED APPROACH

MAP:

3.32 NM AFTER MEI VORTAC OR AT WULBO/MEI 3.32 DME

MISSED APPROACH INSTRUCTIONS:

CLIMBING RIGHT TURN TO 3000 ON HEADING 260.00 AND MEI VORTAC R-216 TO PAULD INT/MEI 13.25 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT L SIDE OF COURSE 310.81 OUTBOUND 2100 FT WITHIN 10 MILES OF MEI VORTAC (IAF)
-
- FAC: 130.81 FAF: MEI VORTAC DIST FAF TO MAP: 3.32 DIST FAF TO THLD:
- MIN ALT: MEI VORTAC 1600
- MSA FROM: MEI VORTAC 2700

NOTES:

CHART NOTE: CIRCLING NA E OF RWY 01 AND SE OF RWY 22.
CHART NOTE: PROCEDURE TURN NA FOR CAT E.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART MAXIMUM 6000 AT MEI VORTAC.
CHART MEI R-201 AT NOVCA.
HOLD SW, LT, 035.86 INBOUND.
CHART FAS OBST: 639 TREE 322114N/0884732W.
FAC CROSSES MIDPOINT OF RWY 1-19.



MINIMUMS:

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

ALTERNATE: NA STANDARD - CAT D 900-2 3/4, CAT E 900-3

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
CIRCLING	900	1	602	900	1	602	960	1 3/4	662	1120	2 3/4	822	1120	3	822

CHANGES - REASONS

1. TERMINAL ROUTES: DELETED LEG NOSRY (IAF) TO COYGA (IF) – PREVIOUS REMOVAL OF AIRWAY V18-417.
2. MISSED APPROACH: MAP UPDATED FROM, "3.32 MILES AFTER MEI VORTAC OR AT WULBO/3.32 DME FIX" TO "3.32 NM AFTER MEI VORTAC OR AT WULBO/MEI 3.32 DME" - IAW 8260.19I 8-6-6 C (2).
3. MISSED APPROACH: UPDATED INSTRUCTIONS FROM, "CLIMBING RIGHT TURN TO 3000 ON HEADING 260.00 AND MEI R-216 TO PAULD INT/MEI 13.25 DME AND HOLD" TO, "CLIMBING RIGHT TURN TO 3000 ON HEADING 260.00 AND MEI VORTAC R-216 TO PAULD INT/MEI 13.25 DME AND HOLD - IAW 8260.19I 8-6-6.
4. NOTES: UPDATED CHART NOTE FROM "CIRCLING NA SE OF RWY 1 AND 22 OF RWY" TO "CIRCLING NA E OF RWY 01 AND SE OF RWY 22" – IAW 8260.19I 8-6-11 O(2)(G).
5. NOTES: DELETED "CIRCLING TO RWY 22 NA AT NIGHT" - NO 20:1 PENETRATIONS.
6. UPDATED AND MOVED BACKUP ALTIMETER NOTE TO 8260-9 GENERAL REMARKS - IAW 8260.19I, 8-6-9.F(3).
7. ADDITIONAL FLIGHT DATA: DELETED "CHART MEI R-045 AT NOSRY" – FIX NOSRY REMOVED AS IAF ON APPROACH DUE TO DELETION OF AIRWAY V18-417.
8. ADDITIONAL FLIGHT DATA: DELETED "CHART ASR/PAR" - NOTE NO LONGER NEEDED IAW 8260.19I 1-1-5 F (16).
9. ADDITIONAL FLIGHT DATA: DELETED "819 AAO 322224N/0884837W" - NEW TARGETS EVALUATION SHOWS NO 7:1 EXCLUDABLE OBSTACLE.
10. UPDATED MA LVL SFC AND CIRCLING CATS A-E CONTROLLING OBSTACLES WITH NO IMPACT TO MINIMUMS OR VISIBILITY.

COORDINATED WITH:

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

FLIGHT CHECKED BY *Digitally signed by*
RYAN CARAMANICA **DAVID DANNER**
Mar 08, 2024

OFFICE **DATE**
FPO 03/07/2024

DEVELOPED BY *Digitally signed by*
DAVID DANNER (DALLIN STRICKLAND) **DAVID DANNER**
Mar 08, 2024

OFFICE **DATE**
AJV-A421 11/09/2023

APPROVED BY *Digitally signed by*
DAVID DANNER **DAVID DANNER**
Mar 08, 2024

OFFICE **DATE** **TITLE**
AJV-A421 05/16/2024 MANAGER



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

<u>AIRPORT ID</u> MEI	<u>PROCEDURE NAME</u> VOR-A	<u>AMDT NO.</u> 17A	<u>CITY</u> MERIDIAN	<u>STATE</u> MS	<u>AIRPORT ELEVATION</u> 298	<u>FACILITY</u> MEI
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PART A: OBSTRUCTION DATA SEGMENTS

INITIAL: ARC

FROM NOVCA/MEI 10.00 DME	TO COYGA/MEI 10.00 DME
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<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (28-001347)	322916.00N/0890123.00W	944	500	50	5D	1000					2000
TERRAIN	323321.00N/0885539.00W	598 (600)								AS1500	2100

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT REMARKS:

INTERMEDIATE

FROM COYGA/MEI 10.00 DME	TO MEI VORTAC
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<u>RNP</u>	<u>DISTANCE</u> 10.00	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (28-002816)	322951.43N/0885313.84W	1013	50	20	2C	500					1600
TERRAIN	322227.00N/0884839.00W	588 (600)								AS1000	1600

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT REMARKS:



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INTERMEDIATE: PT

FROM
10 NM **TO**
MEI VORTAC

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
 10.00

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (28-002816)	322951.43N/0885313.84W	1013	50	20	2C	500					1600
TERRAIN	322227.00N/0884839.00W	588 (600)								AS1000	1600

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

FINAL

FROM
MEI VORTAC **TO**
3.32 NM AFTER MEI VORTAC OR AT WULBO/MEI 3.32 DME

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
 3.32
 3.32 NM AFTER MEI
 VORTAC OR AT WULBO/MEI
 3.32 DME

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE	322113.58N/0884732.43W	639	50	20	2C	250					900

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:



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PROCEDURE TURN

FROM
MEI VORTAC

TO
10 NM

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (28-002816)	322951.43N/0885313.84W	1013	50	20	2C	1000					2100
TERRAIN	322227.00N/0884839.00W	588 (600)								AS1500	2100

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

MISSED APPROACH

FROM
3.32 NM AFTER MEI VORTAC OR AT WULBO/MEI 3.32 DME

TO
PAULD INT/MEI 13.25 DME

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
650

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
TOWER (28-020366)	321825.76N/0885028.75W	810	20	3	1A	1000					1900
TERRAIN	321739.00N/0884248.00W	598 (600)								AS1500	2100

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

DUE TO DATABASE OBSTACLE UPDATES, MISSED APPROACH LVL SFC CONTROLLING OBSTACLE HAS BEEN UPDATED TO LOWER MSL VALUE BUT HAS NO IMPACT TO EXISTING MISSED APPROACH ALTS.



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PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZME ARTCC, MEI APP CON, MEI TOWER

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS
ASOS	MEI	24	MEI	0	Y	0

BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS
AWOS-3PT	PIB	24	PIB	59.91	Y	138

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KMEI 298, KPIB 298
RA = 137.7.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
MEI VORTAC	AOCC	24	1

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW04 - MIRL (PCL)	NPI-G	
RW22 - MIRL (PCL)	NPI-G	
RW01 - MALSR (PCL), HIRL (PCL), PAPI-4L	PIR-G	APPROACH
RW19 - MALSR (PCL), HIRL (PCL), PAPI-4L	PIR-G	APPROACH

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input type="checkbox"/>	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
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CRITICAL TEMPERATURE REMARKS:



"VISUAL PORTION OF FINAL" PENETRATIONS

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

VDP NOT ESTABLISHED - FINAL IS CIRCLING ONLY.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FOR CONTINGENCY PURPOSES:

WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HATTIESBURG-LAUREL RGNL ALTIMETER SETTING: INCREASE ALL MDAS 140 FT, INCREASE CAT C VISIBILITY 1/2 SM AND CAT D VISIBILITY 1/4 SM.

100 FT TREE HEIGHT USED PER PREVIOUS PROCEDURES.

PROCEDURE TURN NA FOR CAT E AIRCRAFT TO AVOID OBSTACLE 28-000987 WHICH WOULD RAISE PT ALTITUDE.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	MAP	TO 1000FT POINT	3.32
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	2.00
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	135.84
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	600
DISTANCE FROM	MAP	TO 1500FT POINT	13.32
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	3.00
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	135.81
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	600

THRESHOLD COORDINATES (IF STR-IN)

ARP COORDINATES 321958.30N/0884505.66W
RUNWAY APCH END AND DIST FURTHEST FROM ARP RUNWAY 1 DISTANCE 0.94 NM
FAF COORDINATES 322242.38N/0884815.36W
FIX NAME COORDINATES

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.

PART E: PREPARED BY

NAME
DAVID DANNER (DALLIN STRICKLAND)

OFFICE
AJV-A421

DATE
11/09/2023

TITLE
AERONAUTICAL INFORMATION SPECIALIST



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