

**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 MRC	PROCEDURE NAME RNAV (GPS) RWY 24	ORIGINAL/AMENDMENT 2	CITY COLUMBIA/MOUNT PLEASANT	STATE TN
AIRPORT ELEVATION 681	TDZE 681	SUPERSEDED RNAV (GPS) RWY 24	DATED 03/19/2026	EPOCH YEAR 1990
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE ROUTINE	MAG VAR 1W CANCEL/SUSPEND

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 145/30 CW 325/30	NOPT	145/20 CW 325/20		3100
2. 145/20 CW 325/20		URSAW	IF/IAF	3000
3. 325/30 CW 055/30		MOKXE	IAF	3000
4. 055/30 CW 145/30		FACDA	IAF	3000

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
FACDA	IAF	URSAW	NOPT	TF	FB	1.00	144.78	6.10	3000
MOKXE	IAF	URSAW	NOPT	TF	FB	1.00	324.86	6.10	3000
URSAW	IF/IAF	PUKBE		TF	FB	1.00	234.82	5.96	2500
PUKBE	FAF	RW24	MAP	TF	FO	0.30	234.76	5.59	
RW24	MAP	1200 MSL		CA			234.76		1200
1200 MSL		URSAW		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW24

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 3000 DIRECT URSAW AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
2. HOLD NE URSAW, RT, 234.82 INBOUND, 3000 IN LIEU OF PT (IAF), MAX 6000.
3. **FAC:** 234.76 **FAF:** PUKBE **DIST FAF TO MAP:** 5.59 **DIST FAF TO THLD:** 5.59
4. **MIN ALT:** URSAW 3000, PUKBE 2500
5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **300 HAT:** 0.82 **GS ANT:**
6. **MIN GP INCPT:** 2500 **GP ALT AT PFAF:** PUKBE 2500 **OM:** **MM:** **IM:**
7. **GP ANGLE:** 3.00 **34:1:** IS CLEAR **20:1:** IS CLEAR **TCH:** 39.0
8. **MSA FROM:**

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
 CHART NOTE: CIRCLING NA TO RWYS 17 AND 35.
 CHART NOTE: BARO-VNAV AND VDP NA WHEN USING BNA ALTIMETER SETTING.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BNA ALTIMETER SETTING AND INCREASE LPV DA TO 1089 FEET AND ALL VISIBILITIES 1/4 SM. INCREASE LNAV/VNAV DA TO 1408 FEET AND ALL VISIBILITIES 3/8 SM. INCREASE ALL MDAS 120 FEET AND LNAV VISIBILITY CAT C/D 3/8 SM, AND CIRCLING VISIBILITY CAT C 1/2 SM.
 CHART NOTE: FOR INOPERATIVE ALS, INCREASE LPV CAT A AND B VISIBILITY TO 7/8 SM, AND INCREASE LNAV/VNAV CAT A AND B VISIBILITY TO 1 3/4 SM.

ADDITIONAL FLIGHT DATA:

FAS OBST: 1050 AAO 353642N/0870536W.
 CHART VDP AT 1.81 NM TO RW24.
 WAAS CHANNEL # 57948
 REFERENCE PATH ID: W24A
 LTP HAE: 179.6 M

MINIMUMS:

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

ALTERNATE: NA STANDARD - CAT D 1000-3, NA WHEN LOCAL WEATHER NOT AVAILABLE.

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	981	3/4	300	981	3/4	300	981	3/4	300	981	3/4	300				
LNAV/VNAV DA	1300	1 5/8	619	1300	1 5/8	619	1300	1 5/8	619	1300	1 5/8	619				
LNAV MDA	1300	3/4	619	1300	3/4	619	1300	1 5/8	619	1300	1 5/8	619				
CIRCLING	1320	1	639	1360	1	679	1400	2	719	1620	3	939				



CHANGES - REASONS

1. RESTORE PREVIOUSLY PUBLISHED VERTICAL (LPV AND LNAV/VNAV) LINES OF MINIMA – FPT REQUEST/MINIMUMS WERE REMOVED IN ERROR.
2. ADDED "300 HAT: 0.82" TO PROFILE: LINE 5 - VERTICAL LINES OF MINIMA RESTORED.
3. ADDED CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 16C OR ABOVE 47C. – LNAV/VNAV LINE OF MINIMUMS RESTORED.
4. CHANGED CHART NOTE FROM: "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BNA ALTIMETER SETTING AND INCREASE ALL MDAS 120 FEET AND LNAV VISIBILITY CAT C/D 3/8 SM, AND CIRCLING VISIBILITY CAT C 1/2 SM" TO: "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BNA ALTIMETER SETTING AND INCREASE LPV DA TO 1090 FEET AND LNAV/VNAV DA TO 1438 FEET AND INCREASE ALL MDA 120 FEET. INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY 1/4 SM. INCREASE LNAV CATS C AND D VISIBILITY 3/8 SM, AND INCREASE CIRCLING CAT C VISIBILITY 1/2 SM" - VERTICAL LINES OF MINIMA RESTORED.
5. CHANGED CHART NOTE FROM: "VDP NA WHEN USING BNA ALTIMETER SETTING" TO: "BARO-VNAV AND VDP NA WHEN USING BNA ALTIMETER SETTING" - LNAV/VNAV LINE OF MINIMUMS RESTORED.
6. ADDED IN ADDITIONAL FLIGHT DATA: "WAAS CHANNEL # 57948, REFERENCE PATH ID: W24A AND LTP HAE: 179.6 M . - LPV AND LNAV/VNAV MINIMUMS RESTORED.
7. DELETED "PUKBE TO RW24: 3.00/39" FROM ADDITIONAL FLIGHT DATA: – VERTICAL LINES OF MINIMA PUBLISHED.
8. ADDED "MIN GP INCPT: 2500" TO PROFILE LINE 6 - MIN ALTITUDE AT PFAF/LPV.
9. ADDED "GP ALT AT PFAF: PUBKE 2500" TO PROFILE LINE 6 - MIN ALTITUDE AT PFAF/LPV.
10. ADDED "GP ANGLE: 3.00" AND "TCH: 39.0" TO PROFILE LINE 7 - VERTICAL MINIMA GLIDESLOPE/TCH.
11. CHANGED CA LEG ALTITUDE FROM: "1081" TO: "1200" - VERTICALLY GUIDED MINIMA REQUIRES CLIMB-TO-ALTITUDE.
12. CHANGED MISSED APPROACH FROM: "CLIMBING RIGHT TURN TO 3000 DIRECT URSAW AND HOLD" TO: "CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 3000 DIRECT URSAW AND HOLD" - 8260.19K D.(7).
13. ADDED CRC REMAINDER FAS DATA: "BBDAB1A2" - VERTICAL LINES OF MINIMA ADDED.
14. CHANGED CHART NOTE FROM: "INOPERATIVE TABLE DOES NOT APPLY TO LNAV CAT C AND D" TO: "FOR INOPERATIVE ALS, INCREASE LPV CAT A AND B VISIBILITY TO 7/8 SM, AND INCREASE LNAV/VNAV CAT A AND B VISIBILITY TO 1 3/4 SM" - TO REFLECT CURRENT MINIMA.

COORDINATED WITH:

A4A
 ALPA
 AOPA
 APA
 HAI
 NBAA
 OTHER: ZME, AMGR

FLIGHT CHECKED BY

JON D HOLLAND

OFFICE

AJF

DATE

05/29/2026

Digitally signed by

TARA N MARTINELLI

Jun 01, 2026

DEVELOPED BY

CASIMIR L. TABAKA (THERON CYRUS)

OFFICE

AJV-A432

DATE

04/08/2026

Digitally signed by

TARA N MARTINELLI

Jun 01, 2026

APPROVED BY

CASIMIR L. TABAKA

OFFICE

AJV-A432

DATE

Digitally signed by

TARA N MARTINELLI

TITLE
MANAGER

Jun 01, 2026



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMRC
RUNWAY	RW24
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W24A
LTP/FTP LATITUDE	353336.2335N
LTP/FTP LONGITUDE	0871015.1560W
LTP/FTP ELLIPSOIDAL HEIGHT	+01796
FPAP LATITUDE	353243.4100N
FPAP LONGITUDE	0871143.1600W
THRESHOLD CROSSING HEIGHT (TCH)	00039.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER BBDAB1A2

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+02076
FPAP ORTHOMETRIC HEIGHT	+02076



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

<u>AIRPORT ID</u> MRC	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 24	<u>AMDT NO.</u> 2	<u>CITY</u> COLUMBIA/MOUNT PLEASANT	<u>STATE</u> TN	<u>AIRPORT ELEVATION</u> 681	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM 145/30 CW 325/30 **TO** 145/20 CW 325/20

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>						
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (47-000655)	360208.00N/0865055.00W	2049	100	20	3C	1000					3100
TERRAIN	353927.00N/0862254.00W	1322 (1300)								AS1500	2800

COMPUTATIONS

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

SEGMENT REMARKS:

STRAIGHT-IN AREA

FROM 145/20 CW 325/20 **TO** URSAW

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>						
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (47-000930)	354801.00N/0863717.00W	1789	500	50	5D	1000				AT211	3000
TERRAIN	354521.00N/0864430.00W	1253 (1300)								AS1500	2800

COMPUTATIONS

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

SEGMENT REMARKS:



AIRPORT ID
MRC

PROCEDURE NAME
RNAV (GPS) RWY 24

AMDT NO.
2

CITY
COLUMBIA/MOUNT PLEASANT

STATE
TN

AIRPORT ELEVATION
681

FACILITY
RNAV

LEFT BASE AREA

FROM
325/30 CW 055/30

TO
MOKXE

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

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (47-001039)	352305.61N/0864541.06W	1536	20	3	1A	1000				AT464	3000
TERRAIN	352209.00N/0864257.00W	1256 (1300)								AS1500	2800

COMPUTATIONS

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

SEGMENT REMARKS:

RIGHT BASE AREA

FROM
055/30 CW 145/30

TO
FACDA

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

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (47-001274)	352512.20N/0871639.40W	1408	20	3	1A	1000				AT592	3000
TERRAIN	352848.00N/0871836.00W	1059 (1100)								AS1500	2600

COMPUTATIONS

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

SEGMENT REMARKS:



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2

CITY
COLUMBIA/MOUNT PLEASANT

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AIRPORT ELEVATION
681

FACILITY
RNAV

INITIAL

FROM
FACDA

TO
URSAW

RNP
1.00

DISTANCE
6.10

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	354445.00N/0870245.00W	1234	215	8	4B	1000				AT766	3000
TERRAIN	354445.00N/0870248.00W	1033 (1000)								AS1500	2500

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL

FROM
MOKXE

TO
URSAW

RNP
1.00

DISTANCE
6.10

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (47-001081)	353745.18N/0865530.08W	1406	20	3	1A	1000				AT594	3000
TERRAIN	353703.00N/0865530.00W	1017 (1000)								AS1500	2500

COMPUTATIONS

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

SEGMENT REMARKS:



AIRPORT ID
MRC

PROCEDURE NAME
RNAV (GPS) RWY 24

AMDT NO.
2

CITY
COLUMBIA/MOUNT PLEASANT

STATE
TN

AIRPORT ELEVATION
681

FACILITY
RNAV

INTERMEDIATE

FROM
URSAW (IF/IAF)

TO
PUKBE

RNP
1.00

DISTANCE
5.96

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	353906.00N/0865736.00W	1175	215	8	4B	500					1700
TERRAIN	353906.00N/0865736.00W	974 (1000)								AS1500	2500

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LPV

FROM
PUKBE

TO
DA

RNP
0.30

DISTANCE
5.59

PAT

MAP
DA

HAT
300

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (47-103465)	353340.58N/0870959.74W	736	20	3	1A		34.00:1			XP50	981

COMPUTATIONS

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

SEGMENT REMARKS:

XP50: TO RETAIN CURRENT MINIMUMS.



AIRPORT ID
MRC

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RNAV (GPS) RWY 24

AMDT NO.
2

CITY
COLUMBIA/MOUNT PLEASANT

STATE
TN

AIRPORT ELEVATION
681

FACILITY
RNAV

FINAL: LNAV/VNAV

FROM
PUKBE

TO
DA

RNP
0.30

DISTANCE
5.59

PAT

MAP
DA

HAT
619

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (47-038164)	353402.93N/0870849.48W	955	20	3	1A		23.40:1			XP32	1300

COMPUTATIONS

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

SEGMENT REMARKS:

XP32: TO RETAIN CURRENT MINIMUMS.

FINAL: LNAV

FROM
PUKBE

TO
RW24

RNP
0.30

DISTANCE
5.59

PAT

MAP
RW24

HAT
619

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	353642.00N/0870536.00W	1050	215	8	4B	250					1300

COMPUTATIONS

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

SEGMENT REMARKS:



AIRPORT ID
MRC

PROCEDURE NAME
RNAV (GPS) RWY 24

AMDT NO.
2

CITY
COLUMBIA/MOUNT PLEASANT

STATE
TN

AIRPORT ELEVATION
681

FACILITY
RNAV

HOLD-IN-LIEU OF PT

FROM
URSAW

TO
P-5

RNP

DISTANCE

PAT
P-5

MAP

HAT

HMAS

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (47-001081)	353745.50N/0865532.33W	1404	20	20	1C	1000				AT596	3000
TERRAIN	354718.00N/0865609.00W	1076 (1100)								AS1500	2600

COMPUTATIONS

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

SEGMENT REMARKS:

MISSED APPROACH: LPV

FROM
DA

TO
URSAW

RNP
0.30-1.00

DISTANCE

PAT

MAP

HAT

HMAS
772

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				3000
AAO	353512.00N/0871557.00W	1231	215	8	4B	1000					2300
TERRAIN	353512.00N/0871600.00W	1030 (1000)								AS1500	2500

COMPUTATIONS

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

SEGMENT REMARKS:



AIRPORT ID
MRC

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STATE
TN

AIRPORT ELEVATION
681

FACILITY
RNAV

MISSED APPROACH: LNAV/VNAV

FROM
DA **TO**
URSAW

RNP
0.30-1.00

DISTANCE

PAT

MAP

HAT

HMAS
1139

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
AAO	353512.00N/0871557.00W	1231	215	8	4B	1000					2300
TERRAIN	353512.00N/0871600.00W	1030 (1000)								AS1500	2500

COMPUTATIONS

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

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM
RW24 **TO**
URSAW

RNP
0.30-1.00

DISTANCE

PAT

MAP

HAT

HMAS
1200

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
AAO	353512.00N/0871557.00W	1231	215	8	4B	1000					2300
TERRAIN	353512.00N/0871600.00W	1030 (1000)								AS1500	2500

COMPUTATIONS

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

SEGMENT REMARKS:



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AIRPORT ELEVATION
681

FACILITY
RNAV

CIRCLING ALL CATS CAT A CAT B CAT C CAT D CAT E NOT AUTHORIZED

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>RADIUS</u>	<u>HAA</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
CATEGORY A											
TREE	353315.00N/0870927.00W	1.30	639	973	250	10	4B	300		XP47	1320
CATEGORY B											
TOWER (47-002375)	353211.77N/0871309.91W	1.83	679	1042	50	20	2C	300			1360
CATEGORY C											
TREE	353233.00N/0870700.00W	2.88	719	1098	250	10	4B	300			1400
CATEGORY D											
AAO	352924.00N/0871215.00W	3.76	939	1306	215	8	4B	300			1620

CIRCLING REMARKS:

XP47: TO RETAIN CURRENT MINIMUMS.

MSA/ESA

CENTER

RADIUS

REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZME ARTCC

WX SERVICE
AWOS-3

LOCATION
MRC

HRS OPERATION
24

ALTIMETER SOURCE
MRC

DISTANCE

WMSCR
Y

ADJUSTMENTS
0

BACK-UP WX SERVICE
ASOS

LOCATION
BNA

HRS OPERATION
24

ALTIMETER SOURCE
BNA

DISTANCE
42.02

WMSCR
Y

ADJUSTMENTS
108

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KMRC 681, KBNA 588
RA = 107.5.

PRIMARY NAVAID

MONITOR POINT

HRS OPERATION

CAT



AIRPORT ID
MRC

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2

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681

FACILITY
RNAV

<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW35		
RW17		
RW06 - REIL (PCL), MIRL, PAPI-4R (PCL)	NPI-F	
RW24 - ODALS (PCL), MIRL, REIL (PCL), PAPI-4L (PCL)	NPI-F	

GLIDESLOPE ANGLE
3.00

ELEV RWY THRESHOLD
681.1

TCH
39.0

ELEV GS ANTENNA

DISTANCE FROM RWY

VGSI ANGLE
3.00

TCH
39.0

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD
ON CENTERLINE

FT FROM THRESHOLD
FT FROM CENTERLINE

DISPLACED THRESHOLD DISTANCE

CRITICAL TEMPERATURES

CRITICAL LOW
-16C

CRITICAL HIGH
+54C

ACT
-16C

APT ISA
+13.65C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 964 HIGH TEMP 1271.

"VISUAL PORTION OF FINAL" PENETRATIONS

PENETRATIONS REMARKS:

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

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

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
USED 100' VEGETATION HEIGHT PER FPT

LPV AND LNAV/VNAV LINES OF MINIMA RESTORED. THEY WERE REMOVED IN ERROR PER FLIGHT CHECK DATA DATED 08/01/2025.
ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



AIRPORT ID
MRC

PROCEDURE NAME
RNAV (GPS) RWY 24

AMDT NO.
2

CITY
COLUMBIA/MOUNT PLEASANT

STATE
TN

AIRPORT ELEVATION
681

FACILITY
RNAV

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	THLD	TO 1000FT POINT	3.59
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	233.76
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	900
DISTANCE FROM	THLD	TO 1500FT POINT	5.39
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.95
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	233.76
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	900

THRESHOLD COORDINATES (IF STR-IN)	353336.23N/0871015.16W
ARP COORDINATES	353315.62N/0871044.90W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 24 DISTANCE 0.53 NM
FAF COORDINATES	353654.89N/0870443.64W
FIX NAME COORDINATES	IF/IAF URSAW 354026.48N/0865849.56W, IAF FACDA 354522.27N/0870315.02W, IAF MOKXE 353530.53N/0865424.64W

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.
IF/IAF URSAW: 354026.48N/0865849.56W, IAF FACDA: 354522.27N/0870315.02W, IAF MOKXE: 353530.53N/0865424.64W

PART E: PREPARED BY

<u>NAME</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
CASIMIR L. TABAKA (THERON CYRUS)	AJV-A432	04/08/2026	AERONAUTICAL INFORMATION SPECIALIST

