

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 ID</u> MRC	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 24	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> COLUMBIA/MOUNT PLEASANT	<u>STATE</u> TN
<u>AIRPORT ELEVATION</u> 681	<u>TDZE</u> 681	<u>SUPERSEDED</u> RNAV (GPS) RWY 24	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 03/19/2026
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 9 JULY 2026	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 1W
				<u>EPOCH YEAR</u> 1990
				<u>CANCEL/SUSPEND</u>

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 URS AW 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:	URS	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

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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

DATA FIELD	DATA
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

