

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> RMY	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 28	<u>ORIGINAL/AMENDMENT</u> ORIG-D	<u>CITY</u> MARSHALL	<u>STATE</u> MI
<u>AIRPORT ELEVATION</u> 941	<u>TDZE</u> 941	<u>SUPERSEDED</u> RNAV (GPS) RWY 28	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>DATED</u> 11/04/2021
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 17 APRIL 2025	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 5W
				<u>EPOCH YEAR</u> 1995
				<u>CANCEL/SUSPEND</u>

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 192/30 CW 012/30	NOPT	AWSOF	IF/IAF	3100
2. 012/30 CW 192/30		AWSOF	IF/IAF	3100

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
AWSOF	IF/IAF	FAPVI		TF	FB	1.00	281.81	7.00	2600
FAPVI	FAF	HIVIR/2.90 NM TO RW28		TF	FB	0.30	281.71	2.20	
HIVIR/2.90 NM TO RW28		RW28	MAP	TF	FO	0.30	281.71	2.90	
RW28	MAP	1500 MSL		CA			281.71		1500
1500 MSL		AWSOF		DF	FO	1.00			3100

MISSED APPROACH

MAP:

LP: RW28
LNAV: RW28

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 3100 DIRECT AWSOF AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT
- SIDE OF COURSE
- OUTBOUND
- FT WITHIN
- MILES OF (IAF)
- HOLD E AWSOF, RT, 281.81 INBOUND, 3100 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAC: 281.71 FAF: FAPVI DIST FAF TO MAP: 5.10 DIST FAF TO THLD: 5.10
- MIN ALT: AWSOF 3100, FAPVI 2600, HIVIR/2.90 NM TO RW28 1900
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: MM: IM:
- MIN GP INCPT: GP ALT AT FAF: 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: OM:
- GP ANGLE: 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: OM:
- MSA FROM:



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: RWY 28 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: CIRCLING RWY 10 NA AT NIGHT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BTL ALTIMETER SETTING: INCREASE ALL MDAS 40 FEET AND INCREASE LP AND LNAV CAT C VISIBILITY 1/8 SM AND CIRCLING CAT C VISIBILITY 1/4 SM.
CHART NOTE: VDP NA WITH BTL ALTIMETER SETTING.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 1070 TOWER (26-133052) 421504N/0845514W.
CHART VDP AT 0.82 NM TO RW28.
WAAS CHANNEL # 45533
REFERENCE PATH ID: W28A
FAPVI TO RW28: 3.00/40.
LTP HAE: 251.8 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - 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
LP MDA	1320	1	379	1320	1	379	1320	1	379		NA				
LNAV MDA	1320	1	379	1320	1	379	1320	1	379		NA				
CIRCLING	1440	1	499	1440	1	499	1660	2	719		NA				

CHANGES - REASONS

- INCORPORATED CHANGES FROM P-NOTAMS 6/2961, 1/5077, AND 3/5958 FOR AMDT 0C INTO FORM - IAW 8260.19J PARA 8-3-4(C)(3).
- PROFILE LINE 2: ADDED "MAX 6000" - IAW 8260.19J, PARA 8-6-7(B)(2).
- PROFILE LINE 7: ADDED "20:1 IS CLEAR" - NO PENETRATIONS EXIST.
- CHART PROFILE NOTE: UPDATED FROM "VGSI AND DESCENT ANGLES NOT COINCIDENT" TO "VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" - IAW 8260.19J PARA 8-6-10(M)(2).
- CHART NOTE: UPDATED FROM "NIGHT LANDING: RWY 10 NA" TO "CIRCLING RWY 10 NA AT NIGHT" - IAW 8260.19J PARA 8-6-12(O)(2).
- CHART NOTE: REMOVED "DME/DME RNP-0.3 NA" AND ADDED PBN REQUIREMENTS NOTE "RNP APCH - GPS" - IAW 8260.19J 8-6-8(D)(2).
- CHART NOTE: UPDATED FROM "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BATTLE CREEK ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET; INCREASE LP AND LNAV CAT C VISIBILITY 1/8 MILE" TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BTL ALTIMETER SETTING: INCREASE ALL MDAS 40 FEET AND INCREASE LP AND LNAV CAT C VISIBILITY 1/8 SM AND CIRCLING CAT C VISIBILITY 1/4 SM." - IAW 8260.19J PARA 8-6-10(F)(4).
- CHART NOTE: UPDATED FROM "VDP NA WITH BATTLE CREEK ALTIMETER SETTING" TO "VDP NA WITH BTL ALTIMETER SETTING" - IAW 8260.19J PARA 8-6-10(E)(9).
- ADDITIONAL FLIGHT DATA: CHART FAS OBST(S) CHANGED FROM "1035 TREE 421508N/0845637W, 1065 TREE 421450N/0845647W" TO "1070 TOWER (26-133052) 421504N/0845514W" - NEW CONTROLLING OBSTACLE.
- ADDITIONAL FLIGHT DATA: ADDED "CHART VDP AT 0.82 NM TO RW28" - IAW 8260.19J PARA 8-6-11(M)(2).
- CRC REMAINDER: UPDATED FROM "0AB97EB9" TO "1F9967A2" - FPAP LAT/LONG CHANGED FROM "421512.5760N0845855.6550W" TO "421512.5680N0845855.6560W."



COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER:

ZAU, GREAT LAKES APPROACH, AMGR

FLIGHT CHECKED BY

BRIAN PETER CARSON

Digitally signed by

ROBERT G HAMILTON

Feb 11, 2025

OFFICE

AJF

DATE

10/27/2024

DEVELOPED BY

ROBERT G HAMILTON (PHILLIP T. HILL)

Digitally signed by

ROBERT G HAMILTON

Feb 11, 2025

OFFICE

AJV-A433

DATE

07/08/2024

APPROVED BY

ROBERT G HAMILTON

Digitally signed by

ROBERT G HAMILTON

Feb 11, 2025

OFFICE

AJV-A433

DATE

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD
OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

DATA
0
0
KRMY
RW28
0
0
W28A
421502.3015N
0845656.4790W
+02518
421512.5680N
0845855.6560W
00040.0
F
03.00
106.75
1680
40.0
00.0

CRC REMAINDER1F9967A2

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K5
+02855
+02855

