

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> APN	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 7	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> ALPENA	<u>STATE</u> MI
<u>AIRPORT ELEVATION</u> 690	<u>TDZE</u> 690	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u> NONE	<u>DATED</u>
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 26 DECEMBER 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 7W
				<u>EPOCH YEAR</u> 1985
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
STENZ	IAF	GRYDR	NOPT	TF	FB	1.00	156.59	6.50	3000
TRSKO	IAF	GRYDR	NOPT	TF	FB	1.00	336.70	6.50	3000
GRYDR	IF/IAF	MILSS		TF	FB	1.00	066.64	6.10	2500
MILSS	FAF	LEETZ/1.86 NM TO RW07		TF	FB	0.30	066.73	3.64	
LEETZ/1.86 NM TO RW07		RW07	MAP	TF	FO	0.30	066.73	1.86	
RW07	MAP	952 MSL		CA			066.73		
952 MSL		MUNCN		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW07

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT MUNCN AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)
2. HOLD SW GRYDR, RT, 066.64 INBOUND, 3000 FT. IN LIEU OF PT (IF/IAF), MAX 6000.
3. FAC: 066.73

FAF: MILSS

DIST FAF TO MAP: 5.50

DIST FAF TO THLD: 5.50
4. MIN ALT: GRYDR 3000, MILSS 2500, LEETZ/1.86 NM TO RW07 1340
5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

262 HAT: 0.64

GS ANT:
6. MIN GP INCPT: 2500

GP ALT AT PFAF: MILSS 2500

OM:

MM:

IM:
7. GP ANGLE: 3.00

34:1: IS NOT CLEAR

20:1: IS CLEAR

TCH: 58.0
8. MSA FROM: RW07 3500



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING PZQ ALTIMETER SETTING.
CHART NOTE: RWY 07 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18°C OR ABOVE 54°C.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PZQ ALTIMETER SETTING AND INCREASE LPV DA TO 1007 FEET; INCREASE LNAV/VNAV DA TO 1039 FEET; INCREASE ALL MDAS 60 FEET AND LNAV VISIBILITY CAT C/D 1/4 SM.

ADDITIONAL FLIGHT DATA:

CHART PIKE EAST MOA.

HOLD NE, RT, 246.95 INBOUND.
CHART FAS OBST: 823 ANTENNA (26-060973) 450513N/0833406W.
CHART VDP AT 1.05 NM TO RW07.
WAAS CHANNEL # 82746
LTP HAE: 173.7 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
LPV DA	952	1	262	952	1	262	952	1	262	952	1	262			
LNAV/VNAV DA	984	1	294	984	1	294	984	1	294	984	1	294			
LNAV MDA	1080	1	390	1080	1	390	1080	1 1/8	390	1080	1 1/8	390			
CIRCLING	1140	1	450	1140	1	450	1220	1 1/2	530	1300	2	610			

CHANGES - REASONS

ORIGINAL PROCEDURE.

COORDINATED WITH:

A4A

X

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER: ZMP, APN APP CON, AMGR

FLIGHT CHECKED BY

MICHAEL A GREENWOOD

Digitally signed by

CASIMIR L TABAKA

Oct 31, 2024

OFFICE

AJF

DATE

10/30/2024

DEVELOPED BY

CASIMIR L. TABAKA (HOPE N. DENTON)

Digitally signed by

CASIMIR L TABAKA

Oct 31, 2024

OFFICE

AJV-A432

DATE

06/19/2024

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by

CASIMIR L TABAKA

Oct 31, 2024

OFFICE

AJV-A432

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
KAPN
RW07
0
0
W07A
450433.7375N
0833400.1150W
+01737
450518.5360N
0833211.4205W
00058.0
F
03.00
106.75
1216
40.0
50.0

CRC REMAINDER

8D5CCE41

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K5
+02102
+02102

