

**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><b>AIRPORT</b></u> PORTER COUNTY RGNL	<u><b>AIRPORT ID</b></u> KVPZ	<u><b>PROCEDURE NAME</b></u> RNAV (GPS) RWY 9	<u><b>ORIGINAL/AMENDMENT</b></u> 1A	<u><b>CITY</b></u> VALPARAISO	<u><b>STATE</b></u> IN
<u><b>AIRPORT ELEVATION</b></u> 770	<u><b>TDZE</b></u> 769	<u><b>SUPERSEDED</b></u> RNAV (GPS) RWY 9	<u><b>ORIGINAL/AMENDMENT</b></u> 1	<u><b>DATED</b></u> 09/25/2008	<u><b>MAG VAR</b></u> 2W
<u><b>FACILITY</b></u> RNAV	<u><b>COORDINATES OF FACILITIES</b></u>	<u><b>ACTUAL EFFECTIVE DATE</b></u> 20 JUNE 2019	<u><b>REQUIRED EFFECTIVE DATE</b></u> ROUTINE	<u><b>CANCEL/SUSPEND</b></u>	<u><b>EPOCH YEAR</b></u> 1985

**TAA**

<u><b>FROM</b></u>	<u><b>FIX TYPE</b></u>	<u><b>TO</b></u>	<u><b>FIX TYPE</b></u>	<u><b>ALTITUDE</b></u>
1. 002/30 CW 182/30	NOPT	002/25 CW 182/25		3400
2. 002/25 CW 182/25		FLABE	IF/IAF	2800
3. 182/30 CW 272/30		FLABE	IF/IAF	2800
4. 272/30 CW 002/30		ZONYU	IAF	2800

**TERMINAL ROUTES**

<u><b>FROM</b></u>	<u><b>FIX TYPE</b></u>	<u><b>TO</b></u>	<u><b>FIX TYPE</b></u>	<u><b>LEG TYPE</b></u>	<u><b>FO/FB</b></u>	<u><b>RNP</b></u>	<u><b>COURSE</b></u>	<u><b>DISTANCE</b></u>	<u><b>ALTITUDE</b></u>
ZONYU	IAF	FLABE	NOPT	TF	FB	1.00	001.96	5.00	2800
FLABE	IF/IAF	OCAVE		TF	FB	1.00	091.96	6.05	2400
OCAVE	FAF	RW09	MAP	TF	FO	0.30	092.05	4.91	
RW09	MAP	1038 MSL		CA			092.05		
1038 MSL		FEVIX		DF	FO	1.00			2600

**MISSED APPROACH**

**MAP:**

LPV: DA  
 LNAV/VNAV: DA  
 LNAV: RW09

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2600 DIRECT FEVIX AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD W FLABE, RT, 091.96 INBOUND, 2800 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 092.05FAF: OCAVEDIST FAF TO MAP: 4.91DIST FAF TO THLD: 4.91

4. MIN ALT: FLABE 2800, OCAVE 2400

5. DIST TO THLD FROM OM:MM:IM:150 HAT:269 HAT: 0.70GS ANT:

6. MIN GP INCPT: 2400GP ALT AT FAF : OCAVE 2400OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS NOT CLEAR20:1: IS CLEARTCH: 45.0

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH

NOTES:

CHART NOTE: RWY 9 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 47°C.  
CHART PLANVIEW AND PROFILE NOTE: FLY VISUAL TO AIRPORT, LNAV/VNAV-092 - 1.7 MILES.

ADDITIONAL FLIGHT DATA:

1009 AAO 412623N/0870756W  
CHART VDP AT 1.40 NM TO RW09\*  
\*LNAV ONLY  
WAAS CHANNEL #42606  
REFERENCE PATH ID: W09A  
CHART FAS OBST: 995 TOWER 412634N/0870251W.  
HOLD E, RT, 272.30 INBOUND  
LTP HAE: 200.5 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD

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	1038	1	269	1038	1	269	1038	1	269	1038	1	269			
LNAV/VNAV DA	1369	2	600	1369	2	600	1369	2	600	1369	2	600			
LNAV MDA	1260	1	491	1260	1	491	1260	1 1/4	491	1260	1 1/2	491			
CIRCLING	1260	1	490	1300	1	530	1300	1 1/2	530	1360	2	590			



CHANGES - REASONS

1. TERMINAL ROUTES: INTERMEDIATE RNP UPDATED FROM 0.50 TO 1.00. - IAW 8260.19H PARA 4-6-10 F.
2. TERMINAL ROUTES: MISSED APPROACH CA LEG ADDED. - 8260.58A 3-5-2.
3. LINE 2: HOLD-IN-LIEU MAX ALTITUDE 6000 ADDED. - UPDATED FORMS.
4. LINE 7: 20:1 IS CLEAR ADDED. - 20:1 PENETRATIONS REMOVED.
5. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (-4F) OR ABOVE 47C (116F) UPDATED TO -16C TO 47C. - FAHRENHEIT REMOVED IAW 8260.19H 8-6-9 S.
6. CHART NOTE: HELICOPTER VISIBILITY NOTE UPDATED FROM "VISIBILITY REDUCTION BY HELICOPTERS NA" TO "RWY 9 HELICOPTER VISIBILITY BELOW 3/4 SM NOT AUTHORIZED." - IAW 8260.19H K(3).
7. CHART PLANVIEW AND PROFILE NOTE: WHEN USING LANSING MUNI ALTIMETER SETTING FLY VISUAL TO AIRPORT, LNAV/VNAV-092 - 2.0 MILES MOVED TO 8260-9 PART C - REMARKS. - IFP POLICY DATED 2/15/2017 - WMSCR BACKUP ALTIMETER SOURCE.
8. CHART NOTE: DME/DME RNP-0.3 NA REMOVED. PBN REQUIREMENTS NOTE: RNP APCH ADDED. - IAW 8260.19H 8-6-8 B(1).
9. CHART NOTE: MOVED ALTERNATE ALTIMETER NOTE TO 8260-9 PART C - REMARKS. - IAW 8260.19H 8-6-9 F(3).
10. CHART NOTE: BARO-VNAV AND VDP NA WHEN USING LANSING MUNI ALTIMETER SETTING MOVED TO 8260-9 PART-C REMARKS. - IFP POLICY - 2/14/2017 - WMSCR BACKUP ALTIMETER SOURCE.
11. NA WHEN LOCAL WEATHER NOT AVAILABLE REMOVED. - ALL REFERENCES TO BACKUP ALTIMETER HAVE BEEN REMOVED.
12. COORDINATION WITH: A4A ADDED. - IAW 8260.19H 8-6-13 A.
13. FAS DATA: LTP/FTP LATITUDE AND LONGITUDE UPDATED FROM 412708.6790N/0870105.0470W TO 412708.6795N/0870105.0540W. - NEW AIRNAV DATA INCORPORATED.
14. FAS DATA: CRC REMAINDER UPDATED FROM 68DF5049 TO C65E1B06. - LTP/FTP LATITUDE AND LONGITUDE UPDATED.
15. CHART NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT REMOVED. - ANGLES ARE COINCIDENT; CLEAR NOTAM FDC 8/4623.

2/19/2019: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON: 11/06/2018:

1. CHANGED FINAL LENGTH (OCAVE TO RW09) IN TERMINAL ROUTES FROM 4.83 TO 4.91.

COORDINATED WITH:

A4A

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ALPA

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AOPA

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APA

☐

HAI

☐

NBAA

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OTHER:

ZAU, SOUTH BEND APP CON, AMGR

FLIGHT CHECKED BY

JAMES ONIEAL

DEVELOPED BY

WARDELL HENNING (BARBARA GORMAN)

APPROVED BY

PATRICK MULQUEEN

Digitally signed by

WARDELL HENNING

Mar 14, 2019

Digitally signed by

WARDELL HENNING

Digitally signed by

WARDELL HENNING

Mar 14, 2019

OFFICE

FICO

OFFICE

AJV-5432

OFFICE

AJV-5430

DATE

3/12/19

DATE

11/06/2018

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KVPZ
RUNWAY	RW09
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W09A
LTP/FTP LATITUDE	412708.6795N
LTP/FTP LONGITUDE	0870105.0540W
LTP/FTP ELLIPSOIDAL HEIGHT	+02005
FPAP LATITUDE	412708.4800N
FPAP LONGITUDE	0865906.5600W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0768
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	C65E1B06

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02343
FPAP ORTHOMETRIC HEIGHT	+02343

