

**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.

<b>AIRPORT ID</b> PEX	<b>PROCEDURE NAME</b> RNAV (GPS) RWY 11	<b>ORIGINAL/AMENDMENT</b> 1D	<b>CITY</b> PAYNESVILLE	<b>STATE</b> MN
<b>AIRPORT ELEVATION</b> 1183	<b>TDZE</b> 1183	<b>SUPERSEDED</b> RNAV (GPS) RWY 11	<b>DATED</b> 12/02/2021	<b>MAG VAR</b> 1E
<b>FACILITY</b> RNAV	<b>COORDINATES OF FACILITIES</b>	<b>ACTUAL EFFECTIVE DATE</b>	<b>REQUIRED EFFECTIVE DATE</b> ROUTINE	<b>EPOCH YEAR</b> 2015
				<b>CANCEL/SUSPEND</b>

**TAA**

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 015/30 CW 195/30	NOPT	015/10 CW 195/10		3600
2. 015/10 CW 195/10		REBUE	IF/IAF	3000
3. 195/30 CW 015/30		REBUE	IF/IAF	3300

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
REBUE	IF/IAF	HUNIR		TF	FB	1.00	104.68	6.99	2800
HUNIR	FAF	RW11	MAP	TF	FO	0.30	104.79	4.95	
RW11	MAP	1383 MSL		CA			104.79		
1383 MSL		UDALE		DF	FO	1.00			3000

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW11

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 3000 DIRECT UDALE AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



**PROFILE:**

- 1. **PT**                      **SIDE OF COURSE**                      **OUTBOUND**                      **FT WITHIN**                      **MILES OF** (IAF)
- 2. HOLD W REBUE, RT, 104.68 INBOUND, 3000 IN LIEU OF PT (IAF), MAX 6000.
- 3. **FAC:** 104.79                      **FAF:** HUNIR                      **DIST FAF TO MAP:** 4.95                      **DIST FAF TO THLD:** 4.95
- 4. **MIN ALT:** REBUE 3000, HUNIR 2800
- 5. **DIST TO THLD FROM OM:**                      **MM:**                      **IM:**                      **150 HAT:**                      **200 HAT:** 0.50                      **GS ANT:**
- 6. **MIN GP INCPT:** 2800                      **GP ALT AT PFAF:** HUNIR 2800                      **OM:**                      **MM:**                      **IM:**
- 7. **GP ANGLE:** 3.00                      **34:1:** IS CLEAR                      **20:1:** IS CLEAR                      **TCH:** 42.0
- 8. **MSA FROM:**

**PBN REQUIREMENTS NOTE:**

RNP APCH - GPS.

**NOTES:**

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING LJF ALTIMETER SETTING.  
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C.  
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LJF ALTIMETER SETTING AND INCREASE LPV DA TO 1434 FEET; INCREASE LNAV/VNAV DA TO 1704 FEET AND ALL VISIBILITIES 1/8 SM. INCREASE ALL MDAS 60 FEET AND LNAV AND CIRCLING VISIBILITY CAT C 1/4 SM.

**ADDITIONAL FLIGHT DATA:**

HOLD E, RT, 285.07 INBOUND.  
 FAS OBST: 1418 AAO 452412N/0945033W.  
 CHART VDP AT 1.42 NM TO RW11.  
 WAAS CHANNEL # 50133  
 REFERENCE PATH ID: W11A  
 LTP HAE: 333.7 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												
LPV DA	1383	1	200	1383	1	200	1383	1	200		NA					
LNAV/VNAV DA	1653	1 3/8	470	1653	1 3/8	470	1653	1 3/8	470		NA					
LNAV MDA	1680	1	497	1680	1	497	1680	1 3/8	497		NA					
CIRCLING	1680	1	497	1760	1	577	1920	2	737		NA					



**CHANGES - REASONS**

1. REMOVED CHART NOTE: DME/DME RNP-0.3 NA AND ADDED RNP APCH TO PBN REQUIREMENTS NOTE - 8260.19K, 8-6-8.D.
2. CHANGED CHART NOTE: FROM WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LITCHFIELD ALTIMETER SETTING AND INCREASE ALL DA 51 FEET AND ALL MDA 60 FEET; INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY 1/8 MILE AND LNAV CAT C AND CIRCLING CAT C VISIBILITY 1/4 MILE TO WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LJF ALTIMETER SETTING AND INCREASE LPV DA TO 1434 FEET; INCREASE LNAV/VNAV DA TO 1704 FEET AND ALL VISIBILITIES 1/8 SM. INCREASE ALL MDAS 60 FEET AND LNAV AND CIRCLING VISIBILITY CAT C 1/4 SM - 8260.19K 8-6-10.
3. CHANGED CHART NOTE FROM FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C (2°F) OR ABOVE 54°C (130°F) TO FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C - 8260.9K 8-6-10(R).
4. CHANGED CHART NOTE FROM BARO-VNAV AND VDP NA WHEN USING LITCHFIELD ALTIMETER SETTING TO CHART NOTE: BARO-VNAV AND VDP NA WHEN USING LJF ALTIMETER SETTING - UPDATED FORMATTING
5. PROFILE VIEW LINE 5 - ADDED 200 HAT 0.50 - FORMS UPDATED.
6. ADDITIONAL FLIGHT DATA: CHANGED CHART VDP AT FROM 1.43 MILES TO RW11\* TO 1.42 NM TO RW11 AND REMOVED LNAV ONLY AND ASSOCIATED ASTERISKS - NEW EVAL AND UPDATED FORMAT.
7. ADDITIONAL FLIGHT DATA: FAS OBST CHANGED FROM FAS OBST: 1412 AAO 452328N/0945044W TO FAS OBST: 1418 AAO 452412N/0945033W - UPDATED EVALUATION.
8. MINIMUMS: CHANGED LNAV/VNAV ALL CATS VISIBILITIES FROM 1 5/8 TO 1 3/8 - 8260.3G TABLE 3-3-1.
9. CRC REMAINDER CHANGED FROM 5B43024A TO 972413E6 - FPAP LAT/LONG CHANGED FROM 452159.5100N/0944301.7000W TO 452159.4900N/0944301.7070W

**COORDINATED WITH:**

**A4A** 
**ALPA** 
**AOPA** 
**APA** 
**HAI** 
**NBAA**

**OTHER:** ZMP, AMGR, MSP APP CON

**FLIGHT CHECKED BY**

ERIC W PENNEY

*Digitally signed by*

**RAKE MCGRAW**

Feb 04, 2026

**OFFICE**

AJF

**DATE**

01/29/2026

*Digitally signed by*

**RAKE MCGRAW**

Feb 04, 2026

**OFFICE**

AJV-A422

**DATE**

10/09/2025

**DEVELOPED BY**

RAYMOND JOHNSON

*Digitally signed by*

**RAKE MCGRAW**

Feb 04, 2026

**OFFICE**

AJV-A422

**DATE**

**TITLE**  
MANAGER

**APPROVED BY**

RAKE MCGRAW



AIRPORT ID  
PEX

PROCEDURE NAME  
RNAV (GPS) RWY 11

ORIGINAL/AMENDMENT  
1D

CITY  
PAYNESVILLE

STATE  
MN

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPEX
RUNWAY	RW11
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W11A
LTP/FTP LATITUDE	452223.8915N
LTP/FTP LONGITUDE	0944503.2590W
LTP/FTP ELLIPSOIDAL HEIGHT	+03337
FPAP LATITUDE	452159.4900N
FPAP LONGITUDE	0944301.7070W
THRESHOLD CROSSING HEIGHT (TCH)	00042.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1744
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER 972413E6

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03605
FPAP ORTHOMETRIC HEIGHT	+03605

QUALITY  
10  
CHECKED

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

<u>AIRPORT ID</u> PEX	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 11	<u>AMDT NO.</u> 1D	<u>CITY</u> PAYNESVILLE	<u>STATE</u> MN	<u>AIRPORT ELEVATION</u> 1183	<u>FACILITY</u> RNAV
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**PART A: OBSTRUCTION DATA SEGMENTS**

**STRAIGHT-IN AREA**

<b>FROM</b> 015/30 CW 195/30	<b>TO</b> 015/10 CW 195/10
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<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (27-001046)	454159.00N/0951037.00W	2545	250	50	4D	1000					3600
TERRAIN	454739.00N/0952615.00W	1492 (1500)								AS1500	3000

**COMPUTATIONS**

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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**SEGMENT REMARKS:**

**STRAIGHT-IN AREA**

<b>FROM</b> 015/10 CW 195/10	<b>TO</b> REBUE
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<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
WINDMILL (27-027167)	453731.17N/0950245.82W	1866	250	50	4D	1000				AT134	3000
TERRAIN	452727.00N/0951509.00W	1404 (1400)								AS1500	2900

**COMPUTATIONS**

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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**SEGMENT REMARKS:**



**AIRPORT ID**  
PEX

**PROCEDURE NAME**  
RNAV (GPS) RWY 11

**AMDT NO.**  
1D

**CITY**  
PAYNESVILLE

**STATE**  
MN

**AIRPORT ELEVATION**  
1183

**FACILITY**  
RNAV

**STRAIGHT-IN AREA**

**FROM**  
195/30 CW 015/30

**TO**  
REBUE

RNP                      DISTANCE                      PAT                      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 (27-001214)	453404.00N/0943047.00W	2217	100	20	3C	1000					3300
TERRAIN	454936.00N/0944048.00W	1466 (1500)								AS1500	3000

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**INTERMEDIATE**

**FROM**  
REBUE (IF/IAF)

**TO**  
HUNIR

RNP                      DISTANCE                      PAT                      MAP                      HAT                      HMAS  
1.00                      6.99

<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>
AAO	452706.00N/0945936.00W	1500	215	8	4B	500					2000
TERRAIN	452706.00N/0945936.00W	1299 (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**  
PEX

**PROCEDURE NAME**  
RNAV (GPS) RWY 11

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1D

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PAYNESVILLE

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MN

**AIRPORT ELEVATION**  
1183

**FACILITY**  
RNAV

**FINAL: LPV**

**FROM** HUNIR **TO** RW11

**RNP** 0.30 **DISTANCE** 4.95 **PAT** **MAP** DA **HAT** 200 **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				1383

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**FINAL: LNAV/VNAV**

**FROM** HUNIR **TO** RW11

**RNP** 0.30 **DISTANCE** 4.95 **PAT** **MAP** DA **HAT** 470 **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TRANSMISSION_LINE (27-024398)	452225.14N/0944659.84W	1362	20	3	1A		23.40:1				1653

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**FINAL: LNAV**

**FROM** HUNIR **TO** RW11

**RNP** 0.30 **DISTANCE** 4.95 **PAT** **MAP** RW11 **HAT** 497 **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	452412.00N/0945033.00W	1418	215	8	4B	250					1680

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



**AIRPORT ID**  
PEX

**PROCEDURE NAME**  
RNAV (GPS) RWY 11

**AMDT NO.**  
1D

**CITY**  
PAYNESVILLE

**STATE**  
MN

**AIRPORT ELEVATION**  
1183

**FACILITY**  
RNAV

**HOLD-IN-LIEU OF PT**

**FROM**  
REBUE

**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 (27-002122)	452213.60N/0950828.60W	1642	50	20	2C	1000				AT358	3000
TERRAIN	452739.00N/0951554.00W	1410 (1400)								AS1500	2900

**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**  
UDALE

RNP  
0.30-1.00

DISTANCE

PAT

MAP

HAT

HMAS  
1218

<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
TOWER (27-064905)	451843.75N/0943517.54W	1580	250	50	4D	1000					2600
TERRAIN	452009.00N/0944021.00W	1302 (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**  
PEX

**PROCEDURE NAME**  
RNAV (GPS) RWY 11

**AMDT NO.**  
1D

**CITY**  
PAYNESVILLE

**STATE**  
MN

**AIRPORT ELEVATION**  
1183

**FACILITY**  
RNAV

**MISSED APPROACH: LNAV/VNAV**

**FROM** DA **TO** UDALE

**RNP**  
0.30-1.00

**DISTANCE**

**PAT**

**MAP**

**HAT**

**HMAS**  
1503

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
							ASC				3000
TOWER (27-064905)	451843.75N/0943517.54W	1580	250	50	4D	1000					2600
TERRAIN	452009.00N/0944021.00W	1302 (1300)								AS1500	2800

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**MISSED APPROACH: LNAV**

**FROM** RW11 **TO** UDALE

**RNP**  
0.30-1.00

**DISTANCE**

**PAT**

**MAP**

**HAT**

**HMAS**  
1580

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
							ASC				3000
TOWER (27-064905)	451843.75N/0943517.54W	1580	250	50	4D	1000					2600
TERRAIN	452009.00N/0944021.00W	1302 (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**  
PEX

**PROCEDURE NAME**  
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MN

**AIRPORT ELEVATION**  
1183

**FACILITY**  
RNAV

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

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>RADIUS</b>	<b>HAA</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
CATEGORY A											
TREE	452130.00N/0944600.00W	1.31	497	1340	215	8	4B	300		SI	1680
CATEGORY B											
TOWER (27-024405)	452201.40N/0944203.88W	1.85	577	1458	20	3	1A	300			1760
CATEGORY C											
TOWER (27-001840)	452027.26N/0944533.55W	2.91	737	1601	20	3	1A	300			1920

**CIRCLING REMARKS:**

**MSA/ESA**

**CENTER**

**RADIUS**

**REMARKS:**

**NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:**

**PART B: SUPPLEMENTAL DATA**

**COMMUNICATIONS WITH**

PNM FSS, ZMP ARTCC, MSP APP CON

**WX SERVICE**  
AWOS-3PT

**LOCATION**  
PEX

**HRS OPERATION**  
24

**ALTIMETER SOURCE**  
PEX

**DISTANCE**

**WMSCR**  
Y

**ADJUSTMENTS**  
0

**BACK-UP WX SERVICE**  
AWOS-3

**LOCATION**  
LJF

**HRS OPERATION**  
24

**ALTIMETER SOURCE**  
LJF

**DISTANCE**  
19.33

**WMSCR**  
Y

**ADJUSTMENTS**  
51

**WX REMARKS:**

RASS PRESSURE PATTERNS THE SAME  
KPEX 1183, KLJF 1140  
RA = 50.5.



**PRIMARY NAVAID**

**MONITOR POINT**

**HRS OPERATION**

**CAT**

<b>APPROACH AND RUNWAY LIGHTING SYSTEM</b>	<b>RUNWAY MARKINGS</b>	<b>RUNWAY VISUAL RANGE</b>
RW11 - MIRL (PCL), REIL (PCL), PAPI-4L (PCL)	NPI-F	
RW29 - REIL (PCL), MIRL (PCL), PAPI-4L (PCL)	NPI-F	

**GLIDESLOPE ANGLE**  
3.00

**ELEV RWY THRESHOLD**  
1182.6

**TCH**  
42.0

**ELEV GS ANTENNA**

**DISTANCE FROM RWY**

**VGSI ANGLE**  
3.00

**TCH**  
42.0

**FINAL APPROACH COURSE AIMING**

**AIRPORT ID**  
PEX

**PROCEDURE NAME**  
RNAV (GPS) RWY 11

**AMDT NO.**  
1D

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PAYNESVILLE

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MN

**AIRPORT ELEVATION**  
1183

**FACILITY**  
RNAV

RUNWAY THRESHOLD

FT FROM THRESHOLD

DISPLACED THRESHOLD DISTANCE

ON CENTERLINE

FT FROM CENTERLINE

**CRITICAL TEMPERATURES**

**CRITICAL LOW**

-17C

**CRITICAL HIGH**

+54C

**ACT**

-17C

**APT ISA**

+12.66C

**CRITICAL TEMPERATURE REMARKS:**

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.  
CRITICAL LOW TEMPERATURE BASED ON ACT.  
DESCENT RATE (FPM): STANDARD TEMP 832 HIGH TEMP 1182.

**"VISUAL PORTION OF FINAL" PENETRATIONS**

**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.

70 ' VEGETATION APPLIED PER FPT

AVERAGE COLD TEMPERATURE BASED ON STANDARD (-30C) ISA DEVIATION

ORDER 8260.3 CHAPTER 2 APPLIED TO 1454 AAO 452433.00N/0945109.00W.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



AIRPORT ID  
PEX

PROCEDURE NAME  
RNAV (GPS) RWY 11

AMDT NO.  
1D

CITY  
PAYNESVILLE

STATE  
MN

AIRPORT ELEVATION  
1183

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**

<b>DISTANCE FROM</b>	THLD	<b>TO 1000FT POINT</b>	3.38
<b>WIDTH OF</b>	FINAL	<b>SEGMENT AT 1000FT POINT</b>	1.20
<b>TRUE COURSE OF</b>	FINAL	<b>SEGMENT CONTAINING 1000FT POINT</b>	105.79
<b>HIGH TERRAIN IN</b>	FINAL	<b>SEGMENT CONTAINING 1000FT POINT</b>	1300
<b>DISTANCE FROM</b>	THLD	<b>TO 1500FT POINT</b>	4.95
<b>WIDTH OF</b>	FINAL	<b>SEGMENT AT 1500FT POINT</b>	2.13
<b>TRUE COURSE OF</b>	FINAL	<b>SEGMENT CONTAINING 1500FT POINT</b>	105.79
<b>HIGH TERRAIN IN</b>	FINAL	<b>SEGMENT CONTAINING 1500FT POINT</b>	1300

<b>THRESHOLD COORDINATES (IF STR-IN)</b>	452223.89N/0944503.26W
<b>ARP COORDINATES</b>	452219.43N/0944441.01W
<b>RUNWAY APCH END AND DIST FURTHEST FROM ARP</b>	RUNWAY 29 DISTANCE 0.27 NM
<b>FAF COORDINATES</b>	452344.84N/0945148.42W
<b>FIX NAME COORDINATES</b>	

**REMARKS**

**PART E: PREPARED BY**

<u>NAME</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
RAYMOND JOHNSON	AJV-A422	10/09/2025	AERONAUTICAL INFORMATION SPECIALIST

