

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

Bearings, headings, courses, 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 in feet RVR.

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
REBUE (IF/IAF)	HUNIR (FB)	104.68 / 6.99	2800	LPV: DA LNAV/VNAV: DA LNAV: RW11 CLIMB TO 3000 DIRECT UDALE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, RT, 285.07 INBOUND. FAS OBST: 1412 AAO 452328N/0945044W DISTANCE TO THLD FROM 200 HATH: 0.50 NM. CHART VDP AT 1.43 MILES TO RW11* *LNAV ONLY. WAAS CHANNEL # 50133 REFERENCE PATH ID: W11A LTP HAE: 333.7 M
HUNIR (FAF)	RW11 (MAP) (FO)	104.79 / 4.95		
RW11 (MAP)	1383 MSL	104.79		
1383 MSL	UDALE (FO)		3000	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD W REBUE, RT, 104.68 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
- FAC: 104.79 FAF: HUNIR DIST FAF TO MAP: 4.95 THLD: 4.95
- MIN. ALT: REBUE 3000, HUNIR 2800
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2800 GS ALT AT: HUNIR 2800 OM: MM: IM:
- GS ANGLE: 3.00 TCH: 42.0 34:1 IS CLEAR
- MSA FROM:

MAG VAR: 1E

EPOCH YEAR: 2015

MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT								ALTERNATE: N A							
CATEGORY	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1383	3/4	200	1383	3/4	200	1383	3/4	200			NA			
LNAV/VNAV DA	1653	1 5/8	470	1653	1 5/8	470	1653	1 5/8	470			NA			
LNAV MDA	1680	1	497	1680	1	497	1680	1 3/8	497			NA			
CIRCLING	1680	1	497	1700	1	517	1780	1 1/2	597			NA			

NOTES:
 CHART NOTE: BARO-VNAV AND VDP NA WHEN USING LITCHFIELD ALTIMETER SETTING.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 54C (130F).
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LITCHFIELD ALTIMETER SETTING AND (SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY
CHECKED

CITY AND STATE PAYNESVILLE, MN	ELEVATION: 1183 THRE: 1183 AIRPORT NAME: PAYNESVILLE MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 11, AMDT 1 25 JULY 2013	SUP: AMDT: ORIG DATED 03/10/2011
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RNAV - STANDARD
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NOTES, (CONT.):
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.

TAA

	FROM	TO	ALT
1.	015/30 CW 195/30 (NOPT)	015/10 CW 195/10	3600
2.	015/10 CW 195/10	REBUE (IF/IAF) (FB)	3000
3.	195/30 CW 015/30	REBUE (IF/IAF) (FO)	3300

QUALITY
9
CHECKED

CITY AND STATE
PAYNESVILLE, MN

ELEVATION: 1183 THRE: 1183
AIRPORT NAME:
PAYNESVILLE MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 11, AMDT 1
25 JULY 2013

SUP:
AMDT: ORIG
DATED: 03/10/2011

RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KPEX
RUNWAY RW11
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR 0
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 452159.5100N
FPAP LONGITUDE 0944301.7000W
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

5B43024A

ADDITIONAL PATH POINT RECORD INFORMATION

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

QUALITY
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CITY AND STATE PAYNESVILLE, MN	ELEVATION: 1183 THRE: 1183 AIRPORT NAME: PAYNESVILLE MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 11, AMDT 1 25 JULY 2013	SUP:
				AMDT: ORIG
				DATED: 03/10/2011

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[illegible][illegible][illegible][illegible][illegible]

QUALITY
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FAA FORM 8260 - 10 / April 2006 (Computer Generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR PART 97.33

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	REBUE	REBUE	010	IAF	HF	R	FO		104.7(105.7T)	004.0	AA 03000	
		REBUE	010	FACF	IF		FB				AA 03000	
		HUNIR	020	FAF	TF		FB	0.5	104.7(105.7T)	007.0	AA 02800	
		RW11	030	MAP	TF		FO	0.3	104.8(105.8T)	005.0	AT 01225	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		104.8(105.8T)		AA 01383	
	UDALE	050		DF		FO				AA 03000	
	UDALE	060		HM	R	FO		285.1(286.1T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HUNIR	N452344.84	W0945148.42	N4523.747	W09451.807
	REBUE	N452538.60	W0950121.71	N4525.643	W09501.362
	UDALE	N451857.82	W0942802.28	N4518.964	W09428.038
	RW11	N452223.89	W0944503.26	N4522.398	W09445.054

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW11	01183	42

QUALITY
9
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CITY AND STATE PAYNESVILLE, MN	ELEVATION: 1183	THRE: 1183	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
	AIRPORT NAME:			RNAV (GPS) RWY 11, AMDT 1	AMDT: ORIG
	PAYNESVILLE MUNI	RNAV	25 JULY 2013	DATED: 03/10/2011	