

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	LPV: DA LNAV/VNAV: DA LNAV: RW18 CLIMB TO 3100 DIRECT JUVIN AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 358.28 INBOUND. FAS OBST: 479 AAO 434347N/0701936W CHART: 873 TOWER 434438N/0701959W DISTANCE TO THLD FROM 250 HAT: 0.64 NM. CHART VDP AT 2.01 MILES TO RW18* *LNAV ONLY. WAAS CHANNEL # 77925 REFERENCE PATH ID: W18A CHART CIRCLING ICON LTP HAE: -11.7 M								
JUVIN	JANOB (FO)	358.28 / 25.05	3100									
BRNNS	TOBKE (FB)	279.68 / 11.77	3100									
LABEL (IAF)	JANOB (NOPT) (FB)	092.09 / 16.80	3100									
NOLLI (IAF)	JANOB (NOPT) (FB)	226.71 / 19.86	3100									
TOBKE (IAF)	JANOB (NOPT) (FB)	268.28 / 7.80	3100									
JANOB (IF/IAF)	ZIRNO (FB)	178.16 / 6.75	1800									
ZIRNO (FAF)	RW18 (MAP) (FO)	178.20 / 5.35										
(SEE FORM 8260-10)												
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD N JANOB, RT, 178.16 INBOUND, 3100 FT. IN LIEU OF PT (IAF) 3. FAC: 178.20 FAF: ZIRNO DIST FAF TO MAP: 5.35 THLD: 5.35 4. MIN. ALT: JANOB 3100, ZIRNO 1800 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 1800 GS ALT AT: ZIRNO 1800 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 50.0 34:1 IS NOT CLEAR 8. MSA FROM: RW18 3600												
				MAG VAR: 15W EPOCH YEAR: 2020								
MINIMUMS												
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A		STANDARD @						
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
LPV DA	300	3/4	250	300	3/4	250	300	3/4	250	300	3/4	250
LNAV/VNAV DA	477	1 3/8	427	477	1 3/8	427	477	1 3/8	427	477	1 3/8	427
LNAV MDA	740	1	690	740	1	690	740	2	690	740	2	690
CIRCLING	740	1	664	740	1	664	740	2	664	860	2 1/2	784
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BRNNS ON V93 AND T295 NORTHEAST BOUND. CHART PLANVIEW NOTE: RADAR REQUIRED FOR PROCEDURE ENTRY AT JUVIN. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19C (-2F) OR ABOVE 54C (SEE FORM 8260-10)												
CITY AND STATE		ELEVATION: 76 TDZE: 50		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP:				
PORTLAND, ME		AIRPORT NAME:				RNAV (GPS) RWY 18, AMDT 2		AMDT: 1A				
		PORTLAND INTL JETPORT				12/10/2015		DATED 03/05/2015				

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW18 (MAP)	300 MSL	178.20	
300 MSL	JUVIN (FO)		3100

NOTES, (CONT.):
(130F).

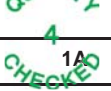
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

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

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPWM
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	433911.8480N
LTP/FTP LONGITUDE	0701824.5825W
LTP/FTP ELLIPSOIDAL HEIGHT	-00117
FPAP LATITUDE	433746.5295N
FPAP LONGITUDE	0701749.1655W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1032
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 75253283

ADDITIONAL PATH POINT RECORD INFORMATION



ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00145
FPAP ORTHOMETRIC HEIGHT	+00145

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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICES - 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.		
ARINC SUMMARY - KPWM														
ROUTES														
TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
BRNNS	010	BRNNS	IF	FB										E
BRNNS	020	TOBKE	TF	FB	2.0	279.7						AA 03100		E A
BRNNS	030	JANOB	TF	FB	1.0	268.3						AA 03100		EE B
JUVIN	010	JUVIN	IF	FB										E
JUVIN	020	JANOB	TF	FO	2.0	358.3						AA 03100		EY
JUVIN	030	JANOB	HF	FO		178.2			R			AA 03100		EE A
LABEL	010	LABEL	IF	FB										E A
LABEL	020	JANOB	TF	FB	1.0	092.1						AA 03100		EE B
NOLLI	010	NOLLI	IF	FB										E A
NOLLI	020	JANOB	TF	FB	1.0	226.7						AA 03100		EE B
	010	JANOB	IF	FB								AA 03100		E I
	020	ZIRNO	TF	FB	0.5	178.2				RW18		AA 01800		E F
	030	RW18	TF	FO	0.3	178.2		3.00				AT 00098		GY M
	040		CA	FB		178.2						AA 00300		M
	050	JUVIN	DF	FO								AA 03100		EY
	060	JUVIN	HM	FO		358.3			R			AA 03100		EE
POINTS														
POINT NAME			LATITUDE			LONGITUDE								
BRNNS			N435408.64			W0695642.81								
JANOB			N435046.92			W0702314.22								
JUVIN			N432647.87			W0701316.65								
LABEL			N434703.87			W0704551.85								
NOLLI			N440741.48			W0700848.96								
TOBKE			N435302.05			W0701254.85								
ZIRNO			N434418.96			W0702032.32								
RUNWAYS														
RUNWAY		THRESHOLD LATITUDE			THRESHOLD LONGITUDE			THRESHOLD ELEVATION			PROCEDURE TCH			
RW18		N433911.85			W0701824.58			00048			50			

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