

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</u> PRESQUE ISLE INTL	<u>AIRPORT ID</u> KPQI	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 1	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> PRESQUE ISLE	<u>STATE</u> ME
<u>AIRPORT ELEVATION</u> 534	<u>TDZE</u> 478	<u>SUPERSEDED</u> RNAV (GPS) RWY 1	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 07/02/2009	<u>MAG VAR</u> 17W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 20 JUNE 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2020

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 273/30 CW 093/30	NOPT	273/10 CW 093/10		3900
2. 273/10 CW 093/10		CORAC	IF/IAF	3200
3. 093/30 CW 183/30		093/10 CW 183/10	IAF	4400
4. 093/10 CW 183/10		AHIZI	IAF	3200
5. 183/30 CW 273/30		TECOG	IAF	3300

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
AHIZI	IAF	CORAC	NOPT	TF	FB	1.00	092.62	9.00	3200
TECOG	IAF	CORAC	NOPT	TF	FB	1.00	272.92	9.00	3200
CORAC	IF/IAF	PITRE		TF	FB	1.00	002.77	12.20	2700
PITRE	FAF	OBKOE/4.10 NM TO RW01		TF	FB	0.30	002.72	2.79	
OBKOE/4.10 NM TO RW01		NANKE/3.00 NM TO RW01		TF	FB	0.30	002.72	1.10	
NANKE/3.00 NM TO RW01		RW01	MAP	TF	FO	0.30	002.72	3.00	
RW01	MAP	678 MSL		CA			002.72		
678 MSL		VEGGS		DF	FO	1.00			3000



MISSED APPROACH

MAP:
LPV: DA
LNAV/VNAV: DA
LNAV: RW01

MISSED APPROACH INSTRUCTIONS:
CLIMB TO 3000 DIRECT VEGGS AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF (IAF)					
2.	HOLD S CORAC, LT, 002.77 INBOUND, 3200 FT. IN LIEU OF PT (IAF), MAX 6000.								
3. FAC:	002.72	FAF: PITRE	DIST FAF TO MAP: 6.89	DIST FAF TO THLD: 6.89					
4. MIN ALT:	CORAC 3200, PITRE 2700, OBKOE/4.10 NM TO RW01 1800*, NANKE/3.00 NM TO RW01 1460*								
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	200 HAT: 0.54	GS ANT:				
6. MIN GP INCPT: 2700	GP ALT AT FAF : PITRE 2700			OM:	MM:	IM:			
7. GP ANGLE: 3.00	34:1:	IS CLEAR	20:1:	IS CLEAR	TCH: 49.6				
8. MSA FROM:									

PBN REQUIREMENTS NOTE:

RNP APCH

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 3/8 SM AND LNAV CAT C/D TO 1 5/8 SM.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART VDP AT 1.66 NM TO RW01*
*LNAV ONLY
WAAS CHANNEL #87012
REFERENCE PATH ID: W01A
CHART FAS OBST: 787 TREE 463822N/0680222W.
CHART: 1161 TREE 463648N/0680047W.
HOLD N, RT, 182.63 INBOUND
LTP HAE: 115.2 M



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

ALTERNATE: NA ☐ STANDARD - CAT C 800-2 1/4, CAT D 900-2 3/4

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	678	1/2	200	678	1/2	200	678	1/2	200	678	1/2	200			
LNAV/VNAV DA	971	1	493	971	1	493	971	1	493	971	1	493			
LNAV MDA	1040	1/2	562	1040	1/2	562	1040	1 1/4	562	1040	1 1/4	562			
CIRCLING	1180	1	646	1180	1	646	1300	2 1/4	766	1360	2 3/4	826			

CHANGES - REASONS

1. CHANGED AIRPORT NAME FROM NORTHERN MAINE RGNL AT PRESQUE ISLE TO PRESQUE ISLE INTL - AIRNAV DATA UPDATE.
2. UPDATED AIRPORT MAGVAR FROM 20W/1985 TO 17W/2020 - CURRENT CRITERIA APPLIED.
3. CHANGED FAC FROM 005.72 TO 002.72 - AIRPORT MAGVAR UPDATE.
4. CHANGED INTERMEDIATE COURSE FROM 005.72 TO 002.72 - AIRPORT MAGVAR UPDATE.
5. CHANGED AHIZI INITIAL COURSE FROM 095.69 TO 092.60 - AIRPORT MAGVAR UPDATE.
6. CHANGED TECOG INITIAL COURSE FROM 275.86 TO 272.92 - AIRPORT MAGVAR UPDATE.
7. CHANGED MISSED HOLDING INBOUND COURSE FROM 185.63 TO 182.63 - AIRPORT MAGVAR UPDATE.
8. CHANGED HOLD-IN-LIEU INBOUND COURSE FROM 005.72 TO 002.72 - AIRPORT MAGVAR UPDATE.
9. ADDED STEP DOWN FIX NANKE TO LNAV - NEW EVALUATION CRITERIA AND TO MAINTAIN STABLE APPROACH.
10. LOWERED LNAV/VNAV DA/HAT FROM 1171/693 TO 971/493 - NEW EVALUATION CRITERIA.
11. RAISED CIRCLING CMDA/HAA: CAT A FROM 1120/586 TO 1140/606, CAT C FROM 1160/626 TO 1300/766, CAT D FROM 1200/666 TO 1360/826 - NEW CIRCLING RADII AND OBSTACLE EVALUATION.
12. LOWERED IAF ALTITUDES AT AHIZI, TECOG AND CORAC FROM 3400 TO 3200 - NEW EVALUATION CRITERIA AND ATC REQUEST.
13. MOVED TAA IAFS AHIZI AND TECOG FROM 5 NM TO 9 NM - MEET DTA REQUIREMENTS.
14. RAISED LEFT BASE TAA ALTITUDE FROM 3400 TO 4400 - MOUNTAINOUS TERRAIN ALTITUDE APPLIED.
15. ADDED LEFT BASE STEP DOWN AT 10 NM AT 3200 FEET - ATC REQUEST TO MAINTAIN ALTITUDE.
16. LOWERED RIGHT BASE TAA ALTITUDE FROM 3500 TO 3300 - NEW EVALUATION CRITERIA AND ATC REQUEST.
17. LOWERED OUTER STRAIGHT-IN TAA ALTITUDE FROM 4100 TO 3900 - NEW EVALUATION CRITERIA AND ATC REQUEST.
18. LOWERED INNER STRAIGHT-IN TAA ALTITUDE FROM 3400 TO 3200 - NEW EVALUATION CRITERIA AND ATC REQUEST.
19. MOVED ALTIMETER ADJUSTMENT AND ASSOCIATED NOTES FROM CHART NOTES TO PART C: GENERAL REMARKS - WEATHER INFORMATION ON WMSCR.
20. ADDED CHART CIRCLING ICON - NEW CIRCLING RADII/CRITERIA APPLIED.
21. CHANGED CRC REMAINDER FROM "0B22744C" TO "43831904"- LENGTH OFFSET CHANGED FROM "0000" TO "0480".
22. CHANGED LNAV/VNAV ALL CATS VISIBILITIES FROM 2 SM TO 1 SM, LNAV CAT C FROM 1 SM TO 1 1/4 SM AND CIRCLING CAT C FROM 1 3/4 SM TO 2 1/4 SM, CAT D FROM 2 SM TO 2 3/4 SM - PER VISCHECK TOOL.
23. ADDED CAT C/D NON-STANDARD NOTE TO ALTERNATE MINIMUMS - STANDARD VALUES EXCEED.
24. ADDED "CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 3/8 SM AND LNAV CAT C/D TO 1 5/8 SM" - PER VISCHECK TOOL.
25. REMOVED FAHRENHEIT VALUES FROM UNCOMPENSATED BARO-VNAV NOTE - NO LONGER REQUIRED BY CRITERIA.
26. DELETED NOTE: "DME/DME RNP-0.3 NA - REPLACED WITH PBN REQUIREMENTS NOTE: "RPN APCH".
27. ADDED "MAX 6000" TO HOLD-IN-LIEU ON LINE 2 - PER .19H PARA 8-6-7B (2).
28. ADDED "20:1 IS CLEAR" ON LINE 7 - PER .19H PARA 8-6-7G (3).
29. FAF TO MAP/THLD DIST CHANGED FROM 6.77 TO 6.89 - FAF MOVED TO PFAF LOCATION.
30. UPDATED BARO-VNAV HIGH TEMP FROM 48C TO 54C - NEW EVALUATION CRITERIA.



COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZBW, AIRPORT MANAGER

FLIGHT CHECKED BY

BOB S PRESSLER

<i>Digitally signed by</i>	<u>OFFICE</u>	<u>DATE</u>
WARDELL HENNING	FICO	5/8/19

DEVELOPED BY

WARDELL HENNING (CHARLES THIBODEAUX)

<i>Digitally signed by</i>	<u>OFFICE</u>	<u>DATE</u>
WARDELL HENNING	AJV-A432	11/12/2018

APPROVED BY

PATRICK MULQUEEN

Digitally signed by
WARDELL HENNING
May 10, 2019

<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
AJV-A43		MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPQI
RUNWAY	RW01
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W01A
LTP/FTP LATITUDE	464052.3580N
LTP/FTP LONGITUDE	0680244.0940W
LTP/FTP ELLIPSOIDAL HEIGHT	+01152
FPAP LATITUDE	464203.6200N
FPAP LONGITUDE	0680310.5100W
THRESHOLD CROSSING HEIGHT (TCH)	00049.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0480
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	43831904
<u>ADDITIONAL PATH POINT RECORD INFORMATION</u>	
ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+01387
FPAP ORTHOMETRIC HEIGHT	+01387

