

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 ID</u> OLD	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 30	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> OLD TOWN	<u>STATE</u> ME
<u>AIRPORT ELEVATION</u> 127	<u>TDZE</u> 125	<u>SUPERSEDED</u> RNAV (GPS) RWY 30	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 05/19/2022
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 28 NOVEMBER 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 15W
				<u>EPOCH YEAR</u> 2025
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
NIELD		LILLN		TF	FB	1.00	145.69	5.60	3000
RAZZR		MAYNE		TF	FB	1.00	069.58	35.25	2900
MAYNE		BBJAN		TF	FB	1.00	061.20	23.74	2800
BBJAN	IAF	OMYOX		TF	FB	1.00	020.55	6.38	2400
LILLN	IAF	OMYOX		TF	FB	1.00	205.09	6.28	2400
OMYOX	IF	SUMAW		TF	FB	1.00	291.71	3.10	1700
SUMAW	FAF	HOSOS/1.94 NM TO RW30		TF	FB	0.30	291.60	2.20	
HOSOS/1.94 NM TO RW30		RW30	MAP	TF	FO	0.30	291.60	1.94	
RW30	MAP	473 MSL		CA			291.60		
473 MSL		ZIMFA		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA  
LNAV: RW30

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT ZIMFA AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)
2. PROFILE STARTS AT OMYOX
3. FAC: 291.60FAF: SUMAWDIST FAF TO MAP: 4.14DIST FAF TO THLD: 4.14
4. MIN ALT: OMYOX 2400, SUMAW 1700, HOSOS/1.94 NM TO RW30 880
5. DIST TO THLD FROM OM:MM:IM:150 HAT:348 HAT: 0.84GS ANT:
6. MIN GP INCPT: 1700GP ALT AT PFAF: SUMAW 1700OM:MM:IM:
7. GP ANGLE: 3.5034:1: IS NOT CLEAR20:1: IS CLEARTCH: 40.0
8. MSA FROM: RW30 3100



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 17W AND 35W.  
CHART NOTE: RWY 30 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART NOTE: CIRCLING RWY 4 NA AT NIGHT.  
CHART NOTE: USE BGR ALTIMETER SETTING; WHEN NOT RECEIVED, USE BHB ALTIMETER SETTING AND INCREASE LPV DA TO 521 FEET AND ALL VISIBILITIES 1/8 SM. INCREASE ALL MDAS 60 FEET AND CIRCLING VISIBILITY CAT C 1/4 SM.  
CHART NOTE: PROCEDURE ENTRY FROM RAZZR NA WHEN DEEPWOODS MOA ACTIVE.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RAZZR ON T295 SOUTHWEST BOUND.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RAZZR ON V302 NORTHWEST BOUND.

ADDITIONAL FLIGHT DATA:

CHART BGR ASOS  
CHART OLD TOWN SEAPLANE BASE IN PLANVIEW  
CHART CIRCLING ICON  
CHART DEEPWOODS MOA  
HOLD W, RT, 111.35 INBOUND.  
CHART FAS OBST: 282 TOWER (23-068693) 445628N/0683819W.  
WAAS CHANNEL # 72744  
REFERENCE PATH ID: W30A  
LTP HAE: 12.6 M

MINIMUMS:

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

ALTERNATE: NA ☒

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	473	1	348	473	1	348	473	1	348		NA				
LNAV MDA	580	1	455	580	1	455	580	1 3/8	455		NA				
CIRCLING	640	1	513	700	1	573	760	1 3/4	633		NA				



CHANGES - REASONS

1. REMOVED TAA AND ALL ASSOCIATED DATA - PER FPT.  
2. TERMINAL ROUTES: REMOVED IAF OBEVE-TIGSE, IAF KOXWA-TIGSE, IF/IAF STEPDOWN TIGSE-OMYOX AND ALL ASSOCIATED DATA - PER FPT.  
3. TERMINAL ROUTES: ADDED FEEDER SEGMENTS NIELD-LILLN, RAZZR-MAYNE, STEPDOWN MAYNE-BBJAN - PER FPT.  
4. TERMINAL ROUTES: ADDED INITIAL SEGMENTS BBJAN-OMYOX, LILLN-OMYOX AND ALL ASSOCIATED DATA - PER FPT.  
5. TERMINAL ROUTES: CHANGED INTERMEDIATE OMYOX-SUMAW COURSE/DISTANCE FROM 291.66/2.97 TO 291.71/3.10 - PER FPT, OMYOX MOVED 0.125 NM SOUTHEAST, OMYOX CHANGED FROM IF/STEPDOWN TO IF.  
6. TERMINAL ROUTES MAP CA: CHANGED FROM '527 MSL' TO '473 MSL' - IAW 8260.58C 3-5-2.B, CA IS LPV DA, LPV ADDED PER FPT.  
7. MISSED APPROACH MAP: DELETED 'LP: RW30', ADDED 'LPV DA' - PER FPT REQUEST TO ADD LPV.  
8. PROFILE LINE 2: ADDED 'PROFILE STARTS AT OMYOX' - REMOVED HILPT TIGSE, ADDED INTERMEDIATE OMYOX PER 8260.19J 8-6-7.B(3)(A).  
9. PROFILE LINE 2: DELETED 'HOLD E TIGSE, RT, 291.72 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000' - PER FPT.  
10. PROFILE LINE 4: DELETED MIN ALT 'TIGSE 3000' AND CHANGED OMYOX 1900 TO OMYOX 2400 - PER FPT.  
11. PROFILE LINE 5: ADDED '348 HAT: 0.84' - PER FPT ADDED LPV MIN.  
12. PROFILE LINE 6: ADDED 'MIN GP INCPT: 1700', 'GP ALT AT PFAF: SUMAW 1700' - PER FPT ADDED LPV MIN.  
13. PROFILE LINE 7: ADDED 'GP ANGLE: 3.50' AND 'TCH: 60' – ADDED LPV LINES OF MINIMA PER FPT, REMOVED VISUAL SEGMENT OBSTACLES NOTE, IAW 8260.19J 8-6-7.G(1),(2).  
14. ADDED MSA FROM: 'RW30 3100' - PER FPT, NEW EVALUATION.  
15. NOTES: ADDED CHART PROFILE NOTE: 'VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})' - PER FPT USED VDA 3.50/TCH 40, AIRNAV DATA VGSI ANGLE 4.00/TCH 41.00, IAW 8260.19J 8-6-10.M.  
16. NOTES: CHANGED ALTIMETER CHART NOTE: FROM 'USE BANGOR INTL ALTIMETER SETTING; WHEN NOT RECEIVED, USE BAR HARBOR ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET AND INCREASE LP AND CIRCLING CAT C VISIBILITY 1/4 SM' TO 'USE BGR ALTIMETER SETTING; WHEN NOT RECEIVED, USE BHB ALTIMETER SETTING AND INCREASE LPV DA TO 521 FEET AND ALL VISIBILITIES 1/8 SM. INCREASE ALL MDAS 60 FEET AND CIRCLING VISIBILITY CAT C 1/4 SM' - PER FPT REMOVED LP AND ADDED LPV MINS.  
17. NOTES: REMOVED 'CHART NOTE: PROCEDURE NA AT NIGHT' - RWY 30 HAS NO 20:1 PENETRATIONS, PER NIGHTEVAL SAT FC AND ACTIVE NOTAM TO DISREGARD PROC NA AT NIGHT.  
18. NOTES: ADDED CHART NOTE: CIRCLING RWY 4 NA AT NIGHT - RWY 4 HAS UNLIT 20:1 PENETRATIONS.  
19. NOTES: ADDED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RAZZR ON T295 SOUTHWEST BOUND - TURN EXCEEDS 90 DEGREES.  
20. NOTES: ADDED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RAZZR ON V302 NORTHWEST BOUND - TURN EXCEEDS 90 DEGREES.  
21. ADDITIONAL FLIGHT DATA: CHANGED CHART FAS OBST FROM '281 ANTENNA (23-049780) 445628N/0683819W, 248 TREE (23-021141) 445659N/0683906W' TO '282 TOWER (23-068693) 445628N/0683819W' - PER FPT REMOVED LP AND ADDED LPV MINS, NEW OBSTACLE EVALUATION.  
22. ADDITIONAL FLIGHT DATA: UPDATED FROM 'CHART BANGOR INTL ASOS' TO 'CHART BGR ASOS' - IAW 8260.19J 8-2-4.B(3).  
23. ADDITIONAL FLIGHT DATA: REMOVED 'CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES' - ADDED LPV MINIMUMS PER FPT, NO VDA WITH LPV.  
24. ADDITIONAL FLIGHT DATA: REMOVED '390 AAO 445647N/0683432W' - NO 7:1 OBSTACLE IDENTIFIED.  
25. MINIMUMS: REMOVED LP MDA/HAT 540/415 CATS A/B/C, ADDED LPV DA/HAT/VIS 473/348/1 CATS A/B/C - PER FPT AND NEW EVALUATION.  
26. FAS DATA BLOCK INFORMATION: CHANGED THRESHOLD CROSSING HEIGHT (TCH) FROM '00.0' TO '40.0' - ADDED LPV LINES OF MINIMA PER FPT, REMOVED VISUAL SEGMENT OBSTACLES NOTE.  
27. FAS DATA BLOCK INFORMATION: CHANGED GLIDEPATH ANGLE (GPA) FROM '00.0' TO '03.50' - ADDED LPV LINES OF MINIMA PER FPT, REMOVED VISUAL SEGMENT OBSTACLES NOTE.  
28. FAS DATA BLOCK INFORMATION: CHANGED VERTICAL ALERT LIMIT (VAL) FROM '0.0' TO '50.0' - CHANGED MINIMUMS FROM LP TO LPV, LPV PENETRATIONS EXIST.  
29. FAS DATA BLOCK INFORMATION: CHANGED CRC REMAINDER FROM '42B35C48' TO '6CA31643' - CHANGED VERTICAL ALERT LIMIT, ANGLE AND TCH.

09/09/24: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 04/24/24.

1. NOTES: REMOVED 'CHART NOTE: PROCEDURE NA WHEN DEEPWOODS MOA ACTIVE', ADDED 'CHART NOTE: PROCEDURE ENTRY FROM RAZZR NA WHEN DEEPWOODS MOA ACTIVE' - CORRECTIONS TO PROCEDURE.

COORDINATED WITH:

A4A

ALPA

☒

AOPA

☒

APA

HAI

NBA

☒

OTHER: BGR ATCT, ZBW, AMGR

FLIGHT CHECKED BY

JEREMY C LEIGHTON

Digitally signed by  
**ROBERT G HAMILTON**  
Oct 10, 2024

OFFICE

FPO

DATE

10/04/2024

DEVELOPED BY

RAFAEL A MARTINEZ

Digitally signed by  
**RAFAEL A MARTINEZ**  
Sep 09, 2024

OFFICE

AJV-A433

DATE

09/09/2024

APPROVED BY

BEV L BORDY

Digitally signed by  
**ROBERT G HAMILTON**  
Oct 10, 2024

OFFICE

AJV-A430

DATE

TITLE  
MANAGER



AIRPORT ID  
OLD

PROCEDURE NAME  
RNAV (GPS) RWY 30

ORIGINAL/AMENDMENT  
2

CITY  
OLD TOWN

STATE  
ME

**FAS DATA BLOCK INFORMATION**

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KOLD
RUNWAY	RW30
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W30A
LTP/FTP LATITUDE	445709.4435N
LTP/FTP LONGITUDE	0684012.2025W
LTP/FTP ELLIPSOIDAL HEIGHT	+00126
FPAP LATITUDE	445719.5595N
FPAP LONGITUDE	0684216.8605W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.50
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1744
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER	6CA31643
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**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00372
FPAP ORTHOMETRIC HEIGHT	+00372

