

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
COPTER RNAV (GPS) SPECIAL INSTRUMENT APPROACH PROCEDURE
SPECIFICATION – NOT FOR COCKPIT USE

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.

If an instrument approach procedure of the above type is conducted at the below named airport, it shall be conducted in accordance with a charted instrument approach procedure predicted on the specifications contained herein, unless an approach is conducted in accordance with a different procedure for such airport authorized by the Administrator. Minimum altitudes shall correspond with those established for enroute operations in the particular area or as set forth below.

<u>HELIPORT ID</u> ME5	<u>PROCEDURE NAME</u> COPTER RNAV (GPS) 142	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> SWANS ISLAND	<u>STATE</u> ME		
<u>SURFACE ELEVATION</u> 178	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u> NONE	<u>DATED</u>	<u>MAG VAR</u> 17W	<u>EPOCH YEAR</u> 2005
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

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>
BIRLN	IAF	CAGGY	NOPT	TF	FB	1.00	081.33	9.20	2000
ACUHA	IAF	CAGGY		TF	FB	1.00	141.89	5.74	2000
CAGGY	IF	DAPOW		TF	FB	1.00	141.88	4.33	1600
DAPOW	FAF	EKALE	MAP	TF	FO	0.30	141.93	4.34	
EKALE	MAP	578 MSL		CA			141.93		
578 MSL		CAGGY		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LNAV: EKALE

MISSED APPROACH INSTRUCTIONS:

CLIMBING RIGHT TURN TO 2000 DIRECT CAGGY AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. PROFILE STARTS AT CAGGY

3. FAF: 141.93

FAF: DAPOW

DIST FAF TO MAP: 4.34

DIST FAF TO THLD:

4. MIN ALT: CAGGY 2000, DAPOW 1600

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAS:

GS ANT:

6. MIN GP INCPT:

GP ALT AT FAF :

OM:

MM:

IM:

7. GP ANGLE:

34:1:

20:1:

TCH:

8. MSA FROM: EKALE 2800

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART PLANVIEW NOTE: PROCEED VFR FROM EKALE OR CONDUCT THE SPECIFIED MISSED APPROACH.
CHART PLANVIEW NOTE: LIMIT FINAL AND MISSED APPROACH TO 70 KIAS.
CHART PLANVIEW NOTE: INCREASE TO 90 KIAS UPON REACHING THE MISSED APPROACH ALTITUDE; MAINTAIN 90 KIAS WHILE IN HOLDING.
CHART NOTE: USE OF BANKS REQUIRES PERMISSION OF THE OWNER; USE OF THIS PROCEDURE REQUIRES SPECIFIC AUTHORIZATION BY FAA FLIGHT STANDARDS.
CHART NOTE: HELIPORT LIGHTS OPERATED BY PHOTOCELL OR PRIOR ARRANGEMENT.
CHART NOTE: USE BAR HARBOR ALTIMETER SETTING.

ADDITIONAL FLIGHT DATA:

CHART HANCOCK COUNTY-BAR HARBOR AWOS.
HOLD NW, RT, 141.88 INBOUND.
FAS OBST: 370 AAO 440948N/0682640W.
BANKS, ME5, 100.0, 141.99/0.65

MINIMUMS:

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

ALTERNATE: NA ☒

CATEGORY:	COPTER														
FINAL TYPE	DA/MDA	VIS	HAS	DA/MDA	VIS	HAS	DA/MDA	VIS	HAS	DA/MDA	VIS	HAS	DA/MDA	VIS	HAS
LNAV MDA	860	1	682		NA			NA			NA				

CHANGES - REASONS



HELIPORT ID
ME5

PROCEDURE NAME
COPTER RNAV (GPS) 142

ORIGINAL/AMENDMENT
ORIG

CITY
SWANS ISLAND

STATE
ME

SUBMITTED BY

OFFICE

DATE

FLIGHT CHECKED BY

OFFICE

DATE

DEVELOPED BY *Digitally signed by*
VICTOR BOONE **VICTOR C BOONE**
Mar 10, 2022

OFFICE
AJV-A432

DATE
02/09/2022

RECOMMENDED BY
LONNIE EVERHART

Digitally signed by
CASIMIR L TABAKA
Jun 14, 2022

OFFICE
AJV-A430

DATE

TITLE
MANAGER

APPROVED BY

OFFICE

DATE

TITLE

QUALITY
31
CHECKED

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

<u>HELIPORT ID</u> ME5	<u>PROCEDURE NAME</u> COPTER RNAV (GPS) 142	<u>AMDT NO.</u> ORIG	<u>CITY</u> SWANS ISLAND	<u>STATE</u> ME	<u>SURFACE ELEVATION</u> 178	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM
BIRLN

TO
CAGGY

<u>RNP</u>	<u>DISTANCE</u> 9.20	<u>PAT</u>	<u>MAP</u>	<u>HAS</u>	<u>HMAS</u>							<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	441354.00N/0684018.00W	365	164	98	4E	1000				AT635	2000
												TERRAIN	441354.00N/0684018.00W	165 (200)								AS1500	1700

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL

FROM
ACUHA

TO
CAGGY

<u>RNP</u>	<u>DISTANCE</u> 5.74	<u>PAT</u>	<u>MAP</u>	<u>HAS</u>	<u>HMAS</u>							<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	441927.00N/0684030.00W	627	164	98	4E	1000				AT373	2000
												TERRAIN	441927.00N/0684030.00W	426 (400)								AS1500	1900

COMPUTATIONS

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

SEGMENT REMARKS:



INTERMEDIATE

FROM
CAGGY

TO
DAPOW

RNP	DISTANCE 4.33	PAT	MAP	HAS			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	441724.00N/0683554.00W		371	164	98	4E	500				AC98 AT533	1600
TERRAIN	441712.00N/0683545.00W		154 (200)								AS1000	1200

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

FINAL: LNAV

FROM
DAPOW

TO
EKALE

RNP	DISTANCE 4.34	PAT	MAP EKALE	HAS 682			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	440948.24N/0682640.08W		370	50	20	2C	250				RA53	860

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



MISSED APPROACH : LNAV

FROM
EKALE

TO
CAGGY

RNP	DISTANCE	PAT	MAP	HAS			HMAS 446					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				2000
TOWER (23-000319)	440941.70N/0682520.00W		487	50	20	2C	1000					1500
TERRAIN	440900.00N/0682527.00W		216 (200)								AS1500	1700

COMPUTATIONS

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

CIRCLING

☐ ALL CATS

☐ CAT A

☐ CAT B

☐ CAT C

☐ CAT D

☐ CAT E

☒ NOT AUTHORIZED

MSA

CENTER
EKALE

RADIUS
25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	AAO	442106.00N/0681336.00W	057	14.2	1729	164	98	4E	1000			2800

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

100 FT VEGETATION USED.

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
PORTLAND APP CON, BANGOR APP CON, ZBW ARTCC

WX SERVICE AWOS-3PT	LOCATION KBHB	HRS OPERATION 24	ALTIMETER SOURCE KBHB	DISTANCE 17.34	SERVICE-A Y	ADJUSTMENTS 53
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS

WX REMARKS:
RASS PRESSURE PATTERNS THE SAME
KME5 178, KBHB 83
RA = 52.5.

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
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FINAL APPROACH COURSE AIMING	
RUNWAY THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	

CRITICAL TEMPERATURES	
CRITICAL LOW	APT ISA
CRITICAL HIGH	

CRITICAL TEMPERATURE REMARKS:

"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:

VDP NOT ESTABLISHED - POINT IN SPACE PROCEDURE.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

CONTINGENCY REMOTE ALTIMETER NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.



PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
VICTOR BOONE	AJV-A432	02/09/2022	AERONAUTICAL INFORMATION SPECIALIST

