

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>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>	
99ME	COPTER RNAV (GPS) M 149	ORIG	ISLE AU HAUT	ME	
<u>SURFACE ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
200		NONE		17W	2010
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>	
RNAV					

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>
HUVIR	IAF	ALCIE		TF	FB	0.30	109.74	10.55	2000
ACUHA	IAF	ALCIE		TF	FB	0.30	196.15	10.48	2000
ALCIE	IF	RSALA		TF	FB	0.30	149.40	2.00	1200
RSALA	FAF	BANGG	MAP	TF	FO	0.30	149.42	2.33	
BANGG	MAP	647 MSL		CA			149.42		
647 MSL		ALCIE		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LNAV: BANGG

MISSED APPROACH INSTRUCTIONS:

CLIMBING LEFT TURN TO 2000 DIRECT ALCIE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT ALCIE
- FAC: 149.42 FAF: RSALA DIST FAF TO MAP: 2.33 DIST FAF TO THLD:
- MIN ALT: ALCIE 2000, RSALA 1200
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT:
- MIN GP INCPT: GP ALT AT FAF: OM: MM: IM:
- GP ANGLE: 34:1 20:1 TCH:
- MSA FROM: BANGG 2800



PBN REQUIREMENTS NOTE:

RNP 0.3 - GPS. AP.

NOTES:

CHART NOTE: NIGHT VISIBILITY MINIMUM 1 SM.
 CHART NOTE: USE RKD ALTIMETER SETTING; WHEN NOT RECEIVED, USE BHB ALTIMETER SETTING AND INCREASE MDA 20 FEET.
 CHART NOTE: USE OF ISLE AU HAUT REQUIRES PERMISSION OF THE OWNER; USE OF THIS PROCEDURE REQUIRES SPECIFIC AUTHORIZATION BY FAA FLIGHT STANDARDS.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HUVIR ON ZK420 SOUTHWEST BOUND.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ACUHA ON ZK420 NORTHEAST BOUND.
 CHART PLANVIEW NOTE: LIMIT FINAL APPROACH SPEED TO MAX 70 KIAS.
 CHART PLANVIEW NOTE: PROCEED VFR FROM BANGG OR CONDUCT THE SPECIFIED MISSED APPROACH.
 CHART PLANVIEW NOTE: INCREASE TO DESIRED AIRSPEED MINIMUM 90 KIAS UPON REACHING THE MISSED APPROACH ALTITUDE.
 CHART SPEED ICON IN PLANVIEW AT RSALA: MAX 70 KIAS.

ADDITIONAL FLIGHT DATA:

CHART RKD AWOS-3PT
 HOLD NW, RT, 149.40 INBOUND.
 FAS OBST: 320 AAO 440610N/0683839W.
 99ME, 55.0, 180.51/0.66

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15B FOR THIS HELIPORT

ALTERNATE: NA ☒

<u>CATEGORY:</u>	<u>COPTER</u>														
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAS</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAS</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAS</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAS</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAS</u>
LNAV MDA	660	3/4	460		NA			NA			NA				

CHANGES - REASONS

ORIGINAL PROCEDURE.



<u>HELIPORT ID</u> 99ME	<u>PROCEDURE NAME</u> COPTER RNAV (GPS) M 149	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> ISLE AU HAUT	<u>STATE</u> ME
<u>SUBMITTED BY</u>		<u>OFFICE</u>	<u>DATE</u>	
<u>FLIGHT CHECKED BY</u>		<u>OFFICE</u>	<u>DATE</u>	
<u>DEVELOPED BY</u> MICHAEL R. GARRITY JR.	<i>Digitally signed by</i> MICHAEL GARRITY Jan 31, 2025	<u>OFFICE</u> AJV-A423	<u>DATE</u> 11/14/2024	
<u>RECOMMENDED BY</u>		<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
<u>APPROVED BY</u> ALLAN WILL		<u>OFFICE</u> AJV-A423	<u>DATE</u>	<u>TITLE</u> MANAGER



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

HELIPORT ID
99ME

PROCEDURE NAME
COPTER RNAV (GPS) M 149

AMDT NO.
ORIG

CITY
ISLE AU HAUT

STATE
ME

AIRPORT ELEVATION
200

FACILITY
RNAV

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM
HUVIR

TO
ALCIE

RNP
0.30

DISTANCE
10.55

PAT

MAP

HAS

HMAS

<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	440812.00N/0684924.00W	335	215	8	4B	1000				AT665	2000
TERRAIN	440806.00N/0685306.00W	134 (100)								AS1500	1600

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL

FROM
ACUHA

TO
ALCIE

RNP
0.30

DISTANCE
10.48

PAT

MAP

HAS

HMAS

<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	441712.00N/0684230.00W	430	215	8	4B	1000				AT570	2000
TERRAIN	441712.00N/0684230.00W	229 (200)								AS1000	1200

COMPUTATIONS

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

SEGMENT REMARKS:



INTERMEDIATE

FROM

ALCIE

TO

RSALA

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAS</u>					<u>HMAS</u>	
0.30	2.00										
<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	440802.45N/0684209.48W	250	50	20	2C	500				AT450	1200
TERRAIN	440803.00N/0684209.00W	49 (0)								AS1000	1000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

RSALA

TO

BANGG

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAS</u>					<u>HMAS</u>	
0.30	2.33		BANGG		460						
<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	440610.44N/0683838.96W	320	50	20	2C	250				RA47 XP43	660

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INCREASE MDA TO AVOID OBST IN MISSED APPROACH SEGMENT.



MISSSED APPROACH: LNAV

FROM

BANGG

TO

ALCIE

RNP

0.30-1.00

DISTANCE

PAT

MAP

HAS

HMAS

513

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2000
AAO	440400.57N/0683701.04W	720	50	20	2C	1000					1800
TERRAIN	440403.00N/0683703.00W	538 (500)								AS1500	2000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MSA

CENTER

BANGG

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	AAO	442104.42N/0681336.22W	065	23.8	1720	50	20	2C	1000			2800

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

BGR APP CON, ZBW ARTCC

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3PT	RKD	24	RKD	20.30	Y	47
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3PT	BHB	24	BHB	25.34	Y	62

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
99ME 55.0, KRKD 46.5
RA = 46.5
RASS PRESSURE PATTERNS THE SAME
99ME 55.0, KBHB 62.2
RA = 61.2

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
APPROACH AND RUNWAY LIGHTING SYSTEM		RUNWAY MARKINGS	RUNWAY VISUAL RANGE
01H - TDZ			

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

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
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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.
CONTINGENCY REMOTE ALTIMETER NOTE: PUBLISHED AT FPT/ATC REQUEST.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
PROCEED VFR SEGMENT SURFACE IS CLEAR.
100 FT TREES USED IN VICINITY OF HELIPORT PER FPT.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	MAP	TO 1000FT POINT	2.43
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	132.42
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	100
DISTANCE FROM	FAF	TO 1500FT POINT	0.33
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	1.20
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	132.40
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	0

THRESHOLD COORDINATES (IF STR-IN)

ARP COORDINATES	440430.60N/0683756.71W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	
FAF COORDINATES	440643.00N/0684035.52W
FIX NAME COORDINATES	IF ALCIE 440803.93N/0684238.53W, MAP BANGG 440508.67N/0683812.34W

REMARKS

COPTER PINS PROCEED VFR PROCEDURE.
IF ALCIE: 440803.93N/0684238.53W, MAP BANGG: 440508.67N/0683812.34W

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
MICHAEL R. GARRITY JR.	AJV-A423	11/14/2024	AERONAUTICAL INFORMATION SPECIALIST

