

**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>	
ME50	COPTER RNAV (GPS) M 353	ORIG	MILLINOCKET	ME	
<u>SURFACE ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
574		NONE		15W	2025
<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>
ALNIC		BALLK		TF	FB	0.30	349.72	14.16	2400
BALLK	IAF	ETDIN	NOPT	TF	FB	0.30	352.86	10.68	2400
ETDIN	IF/IAF	DSPOT		TF	FB	0.30	352.80	4.07	2100
DSPOT	FAF	DOTIE	MAP	TF	FO	0.30	352.77	3.43	
DOTIE	MAP	1060 MSL		CA			352.77		
1060 MSL		ETDIN		DF	FO	1.00			2400

MISSED APPROACH

MAP:

LNAV: DOTIE

MISSED APPROACH INSTRUCTIONS:

CLIMBING RIGHT TURN TO 2400 DIRECT ETDIN AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- | | | | | | |
|---|----------------|----------|-----------------------|-------------------|---------|
| 1. PT | SIDE OF COURSE | OUTBOUND | FT WITHIN | MILES OF | (IAF) |
| 2. HOLD S ETDIN, RT, 352.80 INBOUND, 2400 IN LIEU OF PT (IF/IAF), MAX 4000. | | | | | |
| 3. FAC: 352.77 | FAF: DSPOT | | DIST FAF TO MAP: 3.43 | DIST FAF TO THLD: | |
| 4. MIN ALT: ETDIN 2400, DSPOT 2100 | | | | | |
| 5. DIST TO THLD FROM OM: | MM: | IM: | 150 HAT: | GS ANT: | |
| 6. MIN GP INCPT: | GP ALT AT FAF: | | | OM: | MM: IM: |
| 7. GP ANGLE: | 34:1: | 20:1: | TCH: | | |
| 8. MSA FROM: DOTIE 6500 | | | | | |



PBN REQUIREMENTS NOTE:

RNP 0.3 - GPS. AP.

NOTES:

CHART NOTE: USE OF MILLINOCKET RGNL REQUIRES PERMISSION OF THE OWNER; USE OF THIS PROCEDURE REQUIRES SPECIFIC AUTHORIZATION BY FAA FLIGHT STANDARDS.
CHART NOTE: NIGHT VISIBILITY MINIMUM 1 SM.
CHART PLANVIEW NOTE: PROCEED VFR FROM DOTIE OR CONDUCT THE SPECIFIED MISSED APPROACH.
CHART PLANVIEW NOTE: LIMIT FINAL APPROACH SPEED TO MAX 70 KIAS.
CHART NOTE: USE MLT ALTIMETER SETTING: WHEN NOT RECEIVED, USE HUL ALTIMETER SETTING AND INCREASE MDA 120 FEET.
CHART PLANVIEW NOTE: INCREASE TO DESIRED AIRSPEED MINIMUM 90 KIAS UPON REACHING THE MISSED APPROACH ALTITUDE.
CHART SPEED ICON IN PLANVIEW AT DSPOT: MAX 70 KIAS.

ADDITIONAL FLIGHT DATA:

CHART: MLT ASOS.
CHART KMLT.
CHART FAS OBST: 798 TOWER (23-000282) 453838N/0684241W.
ME50, 459.0, 296.88/0.65
CHART AT OR ABOVE 2500 AT ALNIC.

MINIMUMS:

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

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	1060	3/4	486		NA			NA			NA				



CHANGES - REASONS

5/21/25: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 02/11/2025:

1. SURFACE ELEVATION CHANGED FROM 600 TO 574.

2. TERMINAL ROUTES BALLK INITIAL SEGMENT COURSE CHANGED FROM 350.12 TO 352.86.

3. TERMINAL ROUTES BALLK INITIAL SEGMENT LENGTH CHANGED FROM 11.00 NM TO 10.68 NM.

4. TERMINAL ROUTES ETDIN INTERMEDIATE SEGMENT TO POINT CHANGED FROM JABTI TO DSPOT.

5. TERMINAL ROUTES ETDIN INTERMEDIATE SEGMENT COURSE CHANGED FROM 350.04 TO 352.80.

6. TERMINAL ROUTES ETDIN INTERMEDIATE SEGMENT DISTANCE CHANGED FROM 2.97 NM TO 4.07 NM.

7. TERMINAL ROUTES ETDIN INTERMEDIATE SEGMENT ALTITUDE CHANGED FROM 2400 TO 2100.

8. TERMINAL ROUTES DSPOT FINAL SEGMENT FROM POINT CHANGED FROM JABTI TO DSPOT.

9. TERMINAL ROUTES DSPOT FINAL SEGMENT TO POINT CHANGED FROM YKNOT TO DOTIE.

10. TERMINAL ROUTES DSPOT FINAL SEGMENT COURSE CHANGED FROM 350.02 TO 352.77.

11. TERMINAL ROUTES DSPOT FINAL SEGMENT DISTANCE CHANGED FROM 4.03 NM TO 3.43 NM.

12. TERMINAL ROUTES DOTIE MISSED CA LEG FROM POINT CHANGED FROM YKNOT TO DOTIE.

13. TERMINAL ROUTES DOTIE MISSED CA LEG COURSE CHANGED FROM 350.02 TO 352.77.

14. MISSED APPROACH MAP CHANGED FROM "LNAV: YKNOT" TO "LNAV: DOTIE".

15. PROFILE LINE 2 CHANGED FROM "HOLD S ETDIN, RT, 350.04 INBOUND, 2400 FT IN LIEU OF PT (IF/IAF), MAX 4000" TO "HOLD S ETDIN, RT, 352.80 INBOUND, 2400 IN LIEU OF PT (IF/IAF), MAX 4000".

16. PROFILE LINE 3 FAC CHANGED FROM 350.02 TO 352.77.

17. PROFILE LINE 3 FAF CHANGED FROM JABTI TO DSPOT.

18. PROFILE LINE 3 DIST FAF TO MAP CHANGED FROM 4.03 NM TO 3.43 NM.

19. PROFILE LINE 4 MIN ALT CHANGED FROM "ETDIN 2400, JABTI 2400" TO "ETDIN 2400, DSPOT 2100".

20. PROFILE LINE 8 MSA FROM CHANGED FROM "YKNOT 6500" TO "DOTIE 6500".

21. NOTES CHANGED FROM "CHART PLANVIEW NOTE: PROCEED VFR FROM YKNOT OR CONDUCT THE SPECIFIED MISSED APPROACH" TO "CHART PLANVIEW NOTE: PROCEED VFR FROM DOTIE OR CONDUCT THE SPECIFIED MISSED APPROACH".

22. NOTES CHANGED FROM "CHART SPEED ICON IN PLANVIEW AT JABTI: MAX 70 KIAS" TO "CHART SPEED ICON IN PLANVIEW AT DSPOT: MAX 70 KIAS".

23. ADDITIONAL FLIGHT DATA CHANGED FROM "ME50, 459.0, 022.58/0.65" TO "ME50, 459.0, 296.88/0.65".

24. MINIMUMS CHANGED FROM "TAKEOFF: SEE FAA FORM 8260-15B FOR THIS AIRPORT" TO "TAKEOFF: SEE FAA FORM 8260-15B FOR THIS HELIPORT".

25. MINIMUMS LNAV MDA HAS CHANGED FROM 460 TO 486.

26. PROCEDURE NAME CHANGED FROM "COPTER RNAV (GPS) M 350" TO "COPTER RNAV (GPS) M 353".

<div>SUBMITTED BY</div>	<div>OFFICE</div>	<div>DATE</div>	
<div>FLIGHT CHECKED BY</div>	<div>OFFICE</div>	<div>DATE</div>	
<div>DEVELOPED BY</div> <div>CHARLES HIRST</div>	<div>Digitally signed by</div> <div>CHARLES HIRST</div> <div>May 22, 2025</div>	<div>OFFICE</div> <div>AJV-A431</div>	<div>DATE</div> <div>05/01/2025</div>
<div>RECOMMENDED BY</div>	<div>OFFICE</div>	<div>DATE</div>	<div>TITLE</div>
<div>APPROVED BY</div> <div>ROBERT G HAMILTON</div>	<div>OFFICE</div> <div>AJV-A431</div>	<div>DATE</div>	<div>TITLE</div> <div>MANAGER</div>



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

HELIPORT ID
ME50

PROCEDURE NAME
COPTER RNAV (GPS) M 353

AMDT NO.
ORIG

CITY
MILLINOCKET

STATE
ME

AIRPORT ELEVATION
574

FACILITY
RNAV

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM ALNIC **TO** BALLK

RNP
0.30

DISTANCE
14.16

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	451651.00N/0682845.00W	1076	215	8	4B	1000					2100
TERRAIN	451651.00N/0682845.00W	875 (900)								AS1500	2400

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL

FROM BALLK **TO** ETDIN

RNP
0.30

DISTANCE
10.68

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	453103.00N/0683642.00W	860	215	8	4B	1000				AT540	2400
TERRAIN	453103.00N/0683642.00W	659 (700)								AS1500	2200

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY
21
CHECKED

INTERMEDIATE

FROM

ETDIN (IF/IAF)

TO

DSPOT

RNP

0.30

DISTANCE

4.07

PAT

MAP

HAS

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	453324.00N/0683815.00W	827	215	8	4B	500					1400
TERRAIN	453324.00N/0683815.00W	626 (600)								AS1500	2100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

DSPOT

TO

DOTIE

RNP

0.30

DISTANCE

3.43

PAT

MAP

DOTIE

HAS

486

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (23-000282)	453838.00N/0684241.00W	798	20	3	1A	250					1060

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



HOLD-IN-LIEU OF PT

FROM
ETDIN

TO
P-4

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u> P-4	<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>
TOWER (23-000337)	453438.43N/0683523.70W	1070	20	3	1A	1000				AT330	2400
TERRAIN	453451.00N/0683630.00W	738 (700)								AS1500	2200

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM
DOTIE

TO
ETDIN

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAS</u>	<u>HMAS</u> 960			
<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>
							ASC				2400
TOWER (23-000337)	453438.43N/0683523.70W	1070	20	3	1A	1000					2100
TERRAIN	453451.00N/0683630.00W	738 (700)								AS1500	2200

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

CIRCLING

☐ ALL CATS

☐ CAT A

☐ CAT B

☐ CAT C

☐ CAT D

☐ CAT E

☒ NOT AUTHORIZED



MSA

CENTER
DOTIE

RADIUS
25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	AAO	455418.00N/0685518.00W	344	17.8	5456	215	8	4B	1000			6500

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZBW ARTCC

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	MLT	24	MLT	1.36	Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	HUL	24	HUL	47.74	Y	113

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
ME50 459, MLT 408, KHUL 484
RA = 112.4.

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

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
FINAL APPROACH COURSE AIMING						
RUNWAY THRESHOLD		<input type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE		
ON CENTERLINE		<input type="checkbox"/>	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.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

100 FT VEGETATION HEIGHT USED PER EFPT.
ORDER 8260.19J 8-6-10 L(5) NOTE APPLIED AS STANDALONE PER LIFEFLIGHT OF MAINE REQUEST.
5280 FT PROCEED VFR SURFACE AREA CLEAR.

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	2.19
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	337.77
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	600
DISTANCE FROM	MAP	TO 1500FT POINT	3.43
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	337.77
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	600

THRESHOLD COORDINATES (IF STR-IN)	
HRP COORDINATES	453911.76N/0684301.12W
RUNWAY APCH END AND DIST FURTHEST FROM HRP	
FAF COORDINATES	453553.13N/0684015.63W
FIX NAME COORDINATES	MAP DOTIE 453903.73N/0684206.71W

REMARKS

COPTER POINT IN SPACE PROCEDURE.

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
CHARLES HIRST	AJV-A431	05/01/2025	AERONAUTICAL INFORMATION SPECIALIST

