

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>	
ME52	COPTER RNAV (GPS) M 206	ORIG	MACHIAS	ME	
<u>SURFACE ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
190				18W	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>
CEYAN	IF/IAF	FODAG		TF	FB	0.30	139.67	3.25	2700
FODAG		WUBAT		TF	FB	0.30	205.65	2.18	1800
WUBAT	FAF	ZUDEK/0.80 NM TO WUMUB		TF	FB	0.30	205.64	1.08	
ZUDEK/0.80 NM TO WUMUB		WUMUB	MAP	TF	FO	0.30	205.64	0.80	
WUMUB	MAP	600 MSL		CA			205.64		600
600 MSL		CEYAN		DF	FO	1.00			4000

MISSED APPROACH

MAP:

LNAV: WUMUB

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 600, THEN CLIMBING RIGHT TURN TO 4000 DIRECT CEYAN AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT
- SIDE OF COURSE
- OUTBOUND
- FT WITHIN
- MILES OF (IAF)
- HOLD NW CEYAN, RT, 139.67 INBOUND, 4000 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAC: 205.64 FAF: WUBAT DIST FAF TO MAP: 1.88 DIST FAF TO THLD:
- MIN ALT: CEYAN 4000, FODAG 2700, WUBAT 1800, ZUDEK/0.80 NM TO WUMUB 1020
- 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: WUMUB 2700



PBN REQUIREMENTS NOTE:

RNP 0.3 - GPS. AP.

NOTES:

CHART NOTE: NIGHT VISIBILITY MINIMUM 1 SM.
CHART NOTE: USE OF DOWN EAST COMMUNITY HOSPITAL REQUIRES PERMISSION OF THE OWNER; USE OF THIS PROCEDURE REQUIRES SPECIFIC AUTHORIZATION BY FAA FLIGHT STANDARDS.
CHART NOTE: USE MVM ALTIMETER SETTING; WHEN NOT RECEIVED, USE BHB ALTIMETER SETTING AND INCREASE MDA 120 FEET.
CHART PLANVIEW NOTE: PROCEED VFR FROM WUMUB OR CONDUCT THE SPECIFIED MISSED APPROACH.
CHART NOTE: LIGHTS CONTROLLED BY PHOTOCELL OR PRIOR ARRANGEMENT.
CHART PLANVIEW NOTE: LIMIT CEYAN INTERMEDIATE SPEED TO 70 KIAS MAX. LIMIT FINAL APPROACH SPEED TO MAX 70 KIAS.
CHART PLANVIEW NOTE: INCREASE TO DESIRED AIRSPEED MINIMUM 90 KIAS UPON REACHING THE MISSED APPROACH ALTITUDE.
CHART SPEED ICON IN PLANVIEW AT CEYAN: MAX 70 KIAS.

ADDITIONAL FLIGHT DATA:

CHART: MVM AWOS-AV.
CHART: KMVM.
CHART 326 TOWER (23-062232) 444240.50N/0672704.50W.
CHART FAS OBST: 251 TREE 444318N/0672833W.
473 AAO 444418N/0672709W.
ME52, 150.0, 244.04/0.65

MINIMUMS:

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	520	3/4	330		NA			NA			NA				

CHANGES - REASONS

ORIGINAL PROCEDURE.



<u>HELIPORT ID</u> ME52	<u>PROCEDURE NAME</u> COPTER RNAV (GPS) M 206	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> MACHIAS	<u>STATE</u> ME
<u>SUBMITTED BY</u>		<u>OFFICE</u>	<u>DATE</u>	
<u>FLIGHT CHECKED BY</u> TERRY HESTER		<u>OFFICE</u> AJF	<u>DATE</u> 04/23/2025	
<i>Digitally signed by</i> CASIMIR L TABAKA May 13, 2025				
<u>DEVELOPED BY</u> WILLIAM HANBY		<i>Digitally signed by</i> WILLIAM HANBY Oct 18, 2024	<u>OFFICE</u> AJV-A432	<u>DATE</u> 10/17/2024
<u>RECOMMENDED BY</u>		<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
<u>APPROVED BY</u> JOSEPH L. ZEDER		<u>OFFICE</u> AJV-A432	<u>DATE</u>	<u>TITLE</u> MANAGER
<i>Digitally signed by</i> CASIMIR L TABAKA May 13, 2025				



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

HELIPORT ID
ME52

PROCEDURE NAME
COPTER RNAV (GPS) M 206

AMDT NO.
ORIG

CITY
MACHIAS

STATE
ME

AIRPORT ELEVATION
190

FACILITY
RNAV

PART A: OBSTRUCTION DATA SEGMENTS

INTERMEDIATE

FROM CEYAN (IF/IAF) **TO** FODAG

RNP
0.30

DISTANCE
3.25

PAT

MAP

HAS

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	444812.00N/0673036.00W	525	215	8	4B	500				AT1675	2700
TERRAIN	444812.00N/0673036.00W	324 (300)								AS1500	1800

COMPUTATIONS

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

SEGMENT REMARKS:

INTERMEDIATE: STEPDOWN

FROM FODAG **TO** WUBAT

RNP
0.30

DISTANCE
2.18

PAT

MAP

HAS

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	444454.00N/0672803.00W	548	215	8	4B	500					1100
TERRAIN	444509.00N/0672748.00W	328 (300)								AS1500	1800

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY
21
CHECKED

FINAL: LNAV

FROM
WUBAT

TO
ZUDEK/0.80 NM TO WUMUB

<u>RNP</u> 0.30	<u>DISTANCE</u> 1.08	<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	444454.00N/0672803.00W	548	215	8	4B	250				RA120 DG102	1020

COMPUTATIONS

ALTCIASKTASHAAVKTWTRBADTACOURSE CHANGEDVEBVEB OCSRF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL SEGMENT SPEED LIMITED TO MAXIMUM SPEED 70 KIAS DUE TO THE DISTANCE FROM THE MAP (FIX WUMUB) TO THE LANDING AREA IS LESS THAN 0.90 NM PER CRITERIA.

FINAL: LNAV STEPDOWN

FROM
ZUDEK/0.80 NM TO WUMUB

TO
WUMUB

<u>RNP</u> 0.30	<u>DISTANCE</u> 0.80	<u>PAT</u>	<u>MAP</u> WUMUB				<u>HAS</u> 330	<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>
TREE	444318.00N/0672833.00W	251	215	8	4B	250					520

COMPUTATIONS

ALTCIASKTASHAAVKTWTRBADTACOURSE CHANGEDVEBVEB OCSRF CENTER FIX/DISTANCE

SEGMENT REMARKS:



HOLD-IN-LIEU OF PT

FROM
CEYAN

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>
AAO	445221.00N/0673300.00W	620	215	8	4B	1000				AT2380	4000
TERRAIN	445221.00N/0673300.00W	419 (400)								AS1500	1900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM
WUMUB

TO
CEYAN

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAS</u>	<u>HMAS</u> 420			
<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				4000
AAO	444639.00N/0672909.00W	555	215	8	4B	1000					1600
TERRAIN	444742.00N/0673200.00W	354 (400)								AS1500	1900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MSA

CENTER
WUMUB

RADIUS
25

<u>SECTOR</u>	<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>BEARING</u>	<u>DISTANCE</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
360-360	AAO	445151.00N/0680636.00W	306	28.9	1673	215	8	4B	1000			2700

MSA REMARKS:



NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

100 FT VEGETATION HEIGHT USED.

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

BOS APP CON, ZBW ARTCC

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS
AWOS-AV	MVM	24	MVM	0.63	Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS
AWOS-3PT	BHB	24	BHB	41.14	Y	106

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
ME52 150. MVM 69. RA = 0
DISTANCE TO WUMUB = 1.36 NM
DISTANCE FROM MVM AWOS TO MAP WUMUB AND ME52 IS LESS THAN 5 NM = 0 FEET RASS ADJ.

ME52 150. BHB 83. RA = 105.4
DISTANCE TO WUMUB = 41.75 NM

105.4 - 0.0 = 105.4 (106)

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

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	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" 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

PENETRATIONS REMARKS:



HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

326 TOWER (23-062232) 444240.50N/0672704.50W (56.0)

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
VDP NOT ESTABLISHED - COPTER PINS PROCEDURE.
TAA NOT DEVELOPED PER ATC REQUEST.
VFR TRANSITION AREA IS PENETRATED.

MAX SPEED CEYAN TO FODAG - 70 KIAS. THIS MITIGATES MINIMUM SEGMENT LEG LENGTH FLAG IN TARGETS.

BLANKET WAIVER ON FILE:
AFS-400 MEMO DATED 01/12/24, SUBJECT: WAIVER TO SIGNATURES ON SPECIAL INSTRUMENT FLIGHT PROCEDURE FORMS.
ORDER 8260.3 CHAPTER 2 APPLIED TO 473 AAO 444418.00N/0672709.00W.

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	0.64
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	187.64
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	300
DISTANCE FROM	MAP	TO 1500FT POINT	1.88
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	187.64
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	300

THRESHOLD COORDINATES (IF STR-IN)
ARP COORDINATES
RUNWAY APCH END AND DIST FURTHEST FROM ARP
FAF COORDINATES
FIX NAME COORDINATES

444507.38N/0672732.46W
MAP WUMUB 444315.68N/0672753.48W

REMARKS

COPTER PINS PROCEED VFR PROCEDURE.
PROCEDURE CONTAINED WITHIN KMVM'S CONTROLLED AIRSPACE.

PART E: PREPARED BY

NAME

WILLIAM HANBY

OFFICE

AJV-A432

DATE

10/17/2024

TITLE

AERONAUTICAL INFORMATION SPECIALIST



HELIPORT ID
ME52

PROCEDURE NAME
COPTER RNAV (GPS) M 206

AMDT NO.
ORIG

CITY
MACHIAS

STATE
ME

AIRPORT ELEVATION
190

FACILITY
RNAV

