

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>	
0B1	COPTER RNAV (GPS) M 323	ORIG	BETHEL	ME	
<u>SURFACE ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
965		NONE		17W	1985
<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>
FARAM	IF/IAF	WOKID		TF	FB	0.30	322.69	3.50	3000
WOKID		FOGDO		TF	FB	0.30	322.65	1.50	2700
FOGDO	FAF	HHOOK/1.11 NM TO WIXEL		TF	FB	0.30	322.63	1.36	
HHOOK/1.11 NM TO WIXEL		WIXEL	MAP	TF	FO	0.30	322.63	1.11	
WIXEL	MAP	1380 MSL		CA			322.63		1380
1380 MSL		FARAM		DF	FO	1.00			3500

MISSED APPROACH

MAP:

LNAV: WIXEL

MISSED APPROACH INSTRUCTIONS:

(DO NOT EXCEED 70 KIAS UNTIL FARAM) CLIMB TO 1380, THEN CLIMBING LEFT TURN TO 3500 DIRECT FARAM AND HOLD

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD SE FARAM, RT, 322.69 INBOUND, 3500 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAC: 322.63 FAF: FOGDO DIST FAF TO MAP: 2.47 DIST FAF TO THLD:
- MIN ALT: WOKID 3000, FOGDO 2700, HHOOK/1.11 NM TO WIXEL 1880
- 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: WIXEL 7500



HELIPORT ID
0B1

PROCEDURE NAME
COPTER RNAV (GPS) M 323

ORIGINAL/AMENDMENT
ORIG

CITY
BETHEL

STATE
ME

PBN REQUIREMENTS NOTE:

RNP 0.3 - GPS. AP.

NOTES:

CHART PLANVIEW NOTE: PROCEED VFR FROM WIXEL OR CONDUCT THE SPECIFIED MISSED APPROACH.
CHART NOTE: USE OF THIS PROCEDURE REQUIRES SPECIFIC AUTHORIZATION BY FAA FLIGHT STANDARDS.
CHART NOTE: NIGHT VISIBILITY MINIMUM 1 SM.
CHART PLANVIEW NOTE: LIMIT FINAL APPROACH SPEED TO MAX 70 KIAS.
CHART PLANVIEW NOTE: DO NOT EXCEED 70 KIAS UNTIL FARAM.
CHART PLANVIEW NOTE: INCREASE TO DESIRED AIRSPEED MINIMUM 90 KIAS UPON REACHING THE MISSED APPROACH ALTITUDE.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AUG ALTIMETER SETTING: INCREASE ALL MDAS 160 FEET.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 954 TREE 442351N/0704645W.
0B1, 674.0, 322.59/0.65
CHART AT OR ABOVE 3500 AT FARAM.

MINIMUMS:

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

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	1220	3/4	255		NA			NA			NA				

CHANGES - REASONS

ORIGINAL SPECIAL PROCEDURE - REQUESTED BY FPT/ATC/AMGR.



<u>HELIPORT ID</u> 0B1	<u>PROCEDURE NAME</u> COPTER RNAV (GPS) M 323	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> BETHEL	<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> 04/22/2025	
<u>DEVELOPED BY</u> CHARLES HIRST	<i>Digitally signed by</i> CHARLES HIRST Feb 03, 2025	<u>OFFICE</u> AJV-A431	<u>DATE</u> 12/12/2024	
<u>RECOMMENDED BY</u>		<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
<u>APPROVED BY</u> ERIC N SUSKI	<i>Digitally signed by</i> CASEY D HILL May 15, 2025	<u>OFFICE</u> AJV-A431	<u>DATE</u>	<u>TITLE</u> MANAGER



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

HELIPORT ID
0B1

PROCEDURE NAME
COPTER RNAV (GPS) M 323

AMDT NO.
ORIG

CITY
BETHEL

STATE
ME

AIRPORT ELEVATION
965

FACILITY
RNAV

PART A: OBSTRUCTION DATA SEGMENTS

INTERMEDIATE

FROM FARAM (IF/IAF) **TO** WOKID

RNP
0.30

DISTANCE
3.50

PAT

MAP

HAS

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	442212.00N/0704248.00W	2192	215	8	4B	500					2700
TERRAIN	442212.00N/0704248.00W	1991 (2000)								AS1000	3000

COMPUTATIONS

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

SEGMENT REMARKS:

INTERMEDIATE: STEPDOWN

FROM WOKID **TO** FOGDO

RNP
0.30

DISTANCE
1.50

PAT

MAP

HAS

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	442221.00N/0704321.00W	1628				500				AT572	2700
TERRAIN	442236.00N/0704336.00W	1220 (1200)								AS1000	2200

COMPUTATIONS

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

SEGMENT REMARKS:



FINAL: LNAV

FROM

FOGDO

TO

HHOOK/1.11 NM TO WIXEL

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAS</u>		<u>HMAS</u>				
0.30	1.36										
<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	442345.00N/0704636.00W	980	215	8	4B	250				RA160 DG490	1880

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM

HHOOK/1.11 NM TO WIXEL

TO

WIXEL

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAS</u>		<u>HMAS</u>				
0.30	1.11		WIXEL		255						
<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	442351.00N/0704645.00W	954	215	8	4B	250					1220

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

FARAM

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	442212.00N/0704248.00W	2192	215	8	4B	1000					3200
TERRAIN	442212.00N/0704248.00W	1991 (2000)								AS1500	3500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM

WIXEL

TO

FARAM

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAS</u>	<u>HMAS</u> 1120					
<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				3500
AAO	442212.00N/0704248.00W	2192	215	8	4B	1000					3200
TERRAIN	442212.00N/0704248.00W	1991 (2000)								AS1500	3500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MSA

CENTER
WIXEL

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	441615.00N/0711812.00W	265	23.5	6480	215	8	4B	1000			7500

MSA REMARKS:



NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

PWM APP CON, ZBW ARTCC

<u>WX SERVICE</u> AWOS-AV	<u>LOCATION</u> 0B1	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> 0B1	<u>DISTANCE</u> 0	<u>WMSCR</u> N	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> ASOS	<u>LOCATION</u> AUG	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> AUG	<u>DISTANCE</u> 44.03	<u>WMSCR</u> Y	<u>ADJUSTMENTS</u> 145

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
0B1 674, AUG 358
RA = 144.4.

<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>	
01H			
RW14 - MIRL (PCL)	BSC-F		
RW32 - REIL (PCL), MIRL (PCL)	NPI-F		

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD		FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE		FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
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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.

BLANKET WAIVERS ON FILE (2):
1. AFS-400 MEMO DATED 01/12/24, SUBJECT: WAIVER TO SIGNATURES ON SPECIAL INSTRUMENT FLIGHT PROCEDURE FORMS.
2. AFS-400 MEMO DATED 09/27/24, SUBJECT: WAIVER TO SPECIAL-USE INSTRUMENT APPROACH PROCEDURE DOCUMENTATION.

100 FT VEGETATION HEIGHT UTILIZED PER FPT CHECKLIST.

PROCEED VFR TRANSITION 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	0.23
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	305.63
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	900
DISTANCE FROM	MAP	TO 1500FT POINT	2.30
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	305.63
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	900

THRESHOLD COORDINATES (IF STR-IN)	442530.60N/0704835.70W
ARP COORDINATES	442530.60N/0704835.70W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 32 DISTANCE 0.31 NM
FAF COORDINATES	442341.65N/0704503.44W
FIX NAME COORDINATES	MAP WIXEL 442507.90N/0704751.45W

REMARKS

POINT-IN-SPACE PROCEDURE. INTERMEDIATE, FINAL, AND MISSED APPROACH SEGMENTS ARE CONTAINED WITHIN THE BETHEL CLASS E 700-FT EXTENSION.
MAP WIXEL 442507.90N/0704751.45W, IF/IAF FARAM: 442046.76N/0703923.62W.
NO ADDITIONAL AIRSPACE REQUIRED.

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
CHARLES HIRST	AJV-A431	12/12/2024	AERONAUTICAL INFORMATION SPECIALIST

