

**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>		
2ME2	COPTER RNAV (GPS) M 198	ORIG	NORTH HAVEN	ME		
<u>SURFACE ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
135			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		HSONG		TF	FO	1.00	051.97	6.61	2000
ACUHA	IAF	HSONG	NOPT	TF	FB	1.00	252.42	7.99	2000
HSONG	IF/IAF	CTMAX		TF	FB	1.00	198.04	3.94	1600
CTMAX	FAF	FRSTE	MAP	TF	FO	0.30	198.04	1.69	
FRSTE	MAP	600 MSL		CA			198.04		
600 MSL		HSONG		DF	FO	1.00			2000

**MISSED APPROACH**

**MAP:**

LNAV: FRSTE

**MISSED APPROACH INSTRUCTIONS:**

CLIMBING LEFT TURN TO 2000 DIRECT HSONG AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

1. **PT**
2. **SIDE OF COURSE**
3. **OUTBOUND**
4. **FT WITHIN**
5. **MILES OF (IAF)**
6. **HOLD N HSONG, RT, 198.04 INBOUND, 2000 FT. IN LIEU OF PT (IF/IAF), MAX 4000.**
7. **FAC: 198.04**
8. **FAF: CTMAX**
9. **DIST FAF TO MAP: 1.69**
10. **DIST FAF TO THLD:**
11. **MIN ALT: HSONG 2000, CTMAX 1600**
12. **DIST TO THLD FROM OM:**
13. **MM:**
14. **IM:**
15. **150 HAT:**
16. **GS ANT:**
17. **MIN GP INCPT:**
18. **GP ALT AT FAF:**
19. **OM:**
20. **MM:**
21. **IM:**
22. **GP ANGLE:**
23. **34:1:**
24. **20:1:**
25. **TCH:**
26. **MSA FROM: FRSTE 2600**

QUALITY  
21  
CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART PLANVIEW NOTE: PROCEED VFR FROM FRSTE OR CONDUCT THE SPECIFIED MISSED APPROACH.  
CHART NOTE: NIGHT VISIBILITY MINIMUM 1 SM.  
CHART NOTE: USE RKD ALTIMETER SETTING; WHEN NOT RECEIVED, USE BHB ALTIMETER SETTING AND INCREASE MDA 60 FEET.  
CHART NOTE: USE OF NORTH HAVEN HELIPORT REQUIRES PERMISSION OF THE OWNER; USE OF THIS PROCEDURE REQUIRES SPECIFIC AUTHORIZATION BY FAA FLIGHT STANDARDS.  
CHART PLANVIEW NOTE: LIMIT FINAL APPROACH SPEED TO MAX 70 KIAS.

ADDITIONAL FLIGHT DATA:

CHART: RKD AWOS-3PT  
CHART AT OR ABOVE 3000 AT ACUHA  
CHART AT OR ABOVE 2200 AT HUVIR  
CHART SPEED ICON IN PLANVIEW AT CTMAX: MAX 70 KIAS

FAS OBST: 309 AAO 440915N/0685230W.  
332 AAO 441009N/0685151W.  
2ME2, 48.0, 217.31/0.65

MINIMUMS:  
TAKEOFF: AN ODP IS NOT PUBLISHED. ALL DEPARTURE INFORMATION AND MINIMUMS ARE LISTED ON THE FAA FORM 8260-15B FOR THIS AIRPORT.

ALTERNATE: NA 

X

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	600	3/4	465		NA			NA			NA				

CHANGES - REASONS  
ORIGINAL PROCEDURE.



<u>HELIPORT ID</u> 2ME2	<u>PROCEDURE NAME</u> COPTER RNAV (GPS) M 198	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> NORTH HAVEN	<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> 10/22/2024	
<u>DEVELOPED BY</u> JON NEIDIGH	<i>Digitally signed by</i> <b>JOSEPH L ZEDER</b> Oct 25, 2024	<u>OFFICE</u> AJV-A432	<u>DATE</u> 07/19/2024	
	<i>Digitally signed by</i> <b>JON M NEIDIGH</b> Aug 08, 2024			
<u>RECOMMENDED BY</u>		<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
<u>APPROVED BY</u> JOSEPH L. ZEDER	<i>Digitally signed by</i> <b>JOSEPH L ZEDER</b> Oct 25, 2024	<u>OFFICE</u> AJV-A432	<u>DATE</u>	<u>TITLE</u> MANAGER



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

**HELIPORT ID**  
2ME2

**PROCEDURE NAME**  
COPTER RNAV (GPS) M 198

**AMDT NO.**  
ORIG

**CITY**  
NORTH HAVEN

**STATE**  
ME

**AIRPORT ELEVATION**  
135

**FACILITY**  
RNAV

**PART A: OBSTRUCTION DATA SEGMENTS**

**FEEDER**

**FROM** HUVIR **TO** HSONG

**RNP**  
1.00

**DISTANCE**  
6.61

**PAT**

**MAP**

**HAT**

**HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
AAO	440842.00N/0685436.00W	332	215	8	4B	1000				AT668	2000
TERRAIN	440842.00N/0685436.00W	131 (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** HSONG

**RNP**  
1.00

**DISTANCE**  
7.99

**PAT**

**MAP**

**HAT**

**HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
AAO	441951.00N/0684324.00W	492	215	8	4B	1000				AT508	2000
TERRAIN	441712.00N/0684230.00W	229 (200)								AS1500	1700

**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

HSONG (IF/IAF)

TO

CTMAX

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
1.00	3.94										
<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	441424.00N/0684927.00W	424	215	8	4B	500					1000
TERRAIN	441006.00N/0685154.00W	131 (100)								AS1500	1600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

CTMAX

TO

FRSTE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAS</u>		<u>HMAS</u>				
0.30	1.69		FRSTE		465						
<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	440915.00N/0685230.00W	309	215	8	4B	250				RA27	600

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  
HSONG

TO  
P-4

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u> P-4	<u>MAP</u>				<u>HAT</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	442130.00N/0685739.00W	702	215	8	4B	1000					1800
TERRAIN	442130.00N/0685739.00W	501 (500)								AS1500	2000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM  
FRSTE

TO  
HSONG

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 473			
<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				2000
AAO	441424.00N/0684927.00W	424	215	8	4B	1000					1500
TERRAIN	441424.00N/0684927.00W	223 (200)								AS1500	1700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MSA

CENTER  
FRSTE

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	441427.00N/0690403.00W	322	10.5	1571	215	8	4B	1000			2600

MSA REMARKS:



NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

<u>WX SERVICE</u> AWOS-3PT	<u>LOCATION</u> RKD	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> RKD	<u>DISTANCE</u> 10.64	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 27
<u>BACK-UP WX SERVICE</u> AWOS-3PT	<u>LOCATION</u> BHB	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> BHB	<u>DISTANCE</u> 29.30	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 71

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME  
K2ME2 48, KRKD 55  
RA = 26.6

RASS PRESSURE PATTERNS THE SAME  
K2ME2 48, KBHB 83  
RA = 71.0

<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 - TDZ			

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

100 FT VEGETATION USED PER FPT.

VFR TRANSITION AREA IS CLEAR OF OBSTACLES.

FAC OFFSET PER FPT/LOM REQUEST TO PLACE LANDING AREA IN PILOT'S ONE TO TWO O'CLOCK POSITION.  
ORDER 8260.3 CHAPTER 2 APPLIED TO 332 AAO 441009.00N/0685151.00W.

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	0.02
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	181.04
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	100
DISTANCE FROM	MAP	TO 1500FT POINT	1.69
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	2.13
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	181.04
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	100

THRESHOLD COORDINATES (IF STR-IN)

ARP COORDINATES 440745.74N/0685227.62W

RUNWAY APCH END AND DIST FURTHEST FROM ARP

FAF COORDINATES 441003.91N/0685206.27W

FIX NAME COORDINATES MAP FRSTE 440822.32N/0685208.83W

REMARKS

PART E: PREPARED BY

NAME

JON NEIDIGH

OFFICE

AJV-A432

DATE

07/19/2024

TITLE

AERONAUTICAL INFORMATION SPECIALIST

