

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

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.

AIRPORT ID HSE	PROCEDURE NAME RNAV (GPS) RWY 25	ORIGINAL/AMENDMENT ORIG-A	CITY HATTERAS	STATE NC
AIRPORT ELEVATION 16	TDZE 16	SUPERSEDED RNAV (GPS) RWY 25	DATED 10/30/2003	MAG VAR 10W
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 1995
			CANCEL/SUSPEND	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
PUNGO		OTMIE		TF	FB	1.00	104.72	47.49	6000
ZOLMN		OTMIE		TF	FB	1.00	221.19	7.26	6000
OTMIE	IAF	IPKOH		TF	FB	1.00	189.01	8.38	3000
IPKOH	IF	ONOKY		TF	FB	1.00	214.71	6.58	1800
ONOKY	FAF	BECAC	MAP	TF	FO	0.30	231.77	5.00	
BECAC	MAP	416 MSL		CA			231.77		
416 MSL		ZOLMN		DF	FO	1.00			6000

MISSED APPROACH

MAP:

LNAV: BECAC

MISSED APPROACH INSTRUCTIONS:

CLIMBING RIGHT TURN TO 6000 DIRECT ZOLMN AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT IPKOH
- FAC: 231.77 FAF: ONOKY DIST FAF TO MAP: 5.00 DIST FAF TO THLD: 5.49
- MIN ALT: IPKOH 3000, ONOKY 1800
- 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 IS NOT CLEAR 20:1 IS NOT CLEAR TCH:
- MSA FROM: BECAC 2100

QUALITY
42
CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: PROCEDURE NA AT NIGHT.
 CHART NOTE: RWY 25 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
 CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 14.99 DEGREES.

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 221.19 INBOUND.
 FAS OBST: 230 AAO 351457N/0753500W.
 CHART R5313 A,B,C,D.
 CHART W-122.
 FAC CROSSES RWY C/L EXTENDED 2998 FT FROM THLD.
 ONOKY TO RW25: 3.00/40.

MINIMUMS:

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

ALTERNATE: NA STANDARD

CATEGORY:	A			B			C			D			E			
	FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LNAV MDA	520	1	504	520	1	504	520	1 1/2	504		NA					
CIRCLING	560	1	544	560	1	544	560	1 1/2	544		NA					

CHANGES - REASONS

- AIRPORT ELEVATION: CHANGED FROM 17 TO 16; TDZE: CHANGED FROM 15 TO 16 – SURVEY DATA UPDATED IN AIRNAV.
- TERMINAL ROUTES: CA LEG CHANGED FROM 520 MSL TO 416 MSL - IAW 8260.58D 3-5-2
- MISSED APPROACH INSTRUCTIONS: CHANGED FROM "CLIMBING RIGHT TURN TO 6000 VIA COURSE 032 TO ZOLMN WP AND HOLD." TO "CLIMBING RIGHT TURN TO 6000 DIRECT ZOLMN AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000." – CLIMB-IN-HOLD REQUIRED TO ACHIEVE CLEARANCE LIMIT ALTITUDE.
- PROFILE LINE 3: ADDED "DIST FAF TO THLD: 5.49" – IAW 8260.19K 8-6-7C. (4)
- PROFILE LINE 7: ADDED "34:1 IS NOT CLEAR"; ADDED "20:1 IS NOT CLEAR" – 34:1 AND 20:1 PENETRATIONS EXIST.
- PBN REQUIREMENTS NOTE: CHANGED FROM "GPS OR RNP-0.3 REQUIRED. DME/DME RNP-0.3 NA." TO "RNP APCH - GPS." - IAW 8260.19K 8-6-8
- NOTES: ADDED "CHART NOTE: RWY 25 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" - IAW 8260.19K 8-6-12, 20:1 PENETRATIONS EXIST.
- ADDITIONAL FLIGHT DATA: REMOVED "FINAL SEGMENT: (TF)" – NO LONGER CRITERIA.
- ADDITIONAL FLIGHT DATA: FAS OBST CHANGED FROM "FAS OBST: 260 AAO 351403/0753610" TO "FAS OBST: 220 AAO 351300N/0754006W." – PREVIOUS FAS OBST WAS ASSUMED 200' VEGETATION DUE TO LACK OF SURVEY DATA. UPDATED DTED RESULTED IN NEW HIGH TERRAIN IDENTIFIED BEYOND THE AAO EXEMPT AREA.
- REMOVED VDP - NA DUE TO 20:1 VISUAL SURFACE PENETRATIONS.
- MINIMUMS: ALTERNATE MINS ADDED - LOCAL WEATHER IS DISSEMINATED VIA WMSCR.
- MINIMUMS: LNAV ALL CATS HAT CHANGED FROM 503 TO 504 – NEW TDZE.
- MINIMUMS: CIRCLING ALL CATS HAA CHANGED FROM 543 TO 544 – NEW AIRPORT ELEVATION.



AIRPORT ID
HSE

PROCEDURE NAME
RNAV (GPS) RWY 25

ORIGINAL/AMENDMENT
ORIG-A

CITY
HATTERAS

STATE
NC

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA

OTHER: ZDC, AMGR, ATL FPO, NC STATE AVIA

FLIGHT CHECKED BY

KENNETH E JACK

Digitally signed by

RAKE MCGRAW

Mar 18, 2026

OFFICE

AJF

DATE

03/13/2026

DEVELOPED BY

DUSTIN HARDISON

Digitally signed by

RAKE MCGRAW

Mar 18, 2026

OFFICE

AJV-A422

DATE

12/29/2025

APPROVED BY

RAKE MCGRAW

Digitally signed by

RAKE MCGRAW

Mar 18, 2026

OFFICE

AJV-A422

DATE

TITLE

MANAGER

QUALITY
42
CHECKED

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

<u>AIRPORT ID</u> HSE	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 25	<u>AMDT NO.</u> ORIG-A	<u>CITY</u> HATTERAS	<u>STATE</u> NC	<u>AIRPORT ELEVATION</u> 16	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

<u>FROM</u> PUNGO	<u>TO</u> OTMIE
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<u>RNP</u> 1.00	<u>DISTANCE</u> 47.49	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (37-022399)	353654.55N/0761354.59W	313	20	3	1A	1000				AT4687	6000
TERRAIN	353312.00N/0762621.00W	49 (0)								AS1500	1500

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT REMARKS:

FEEDER

<u>FROM</u> ZOLMN	<u>TO</u> OTMIE
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<u>RNP</u> 1.00	<u>DISTANCE</u> 7.26	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (37-001604)	353500.60N/0752758.80W	322	50	10	2B	1000				AT4678	6000
TERRAIN	353239.00N/0752757.00W	29 (0)								AS1500	1500

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT REMARKS:



AIRPORT ID
HSE

PROCEDURE NAME
RNAV (GPS) RWY 25

AMDT NO.
ORIG-A

CITY
HATTERAS

STATE
NC

AIRPORT ELEVATION
16

FACILITY
RNAV

INITIAL

FROM
OTMIE

TO
IPKOH

RNP
1.00

DISTANCE
8.38

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	352530.00N/0752906.00W	233	215	8	4B	1000				AT1767	3000
TERRAIN	352433.00N/0752909.00W	32 (0)								AS1500	1500

COMPUTATIONS

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

SEGMENT REMARKS:

INTERMEDIATE

FROM
IPKOH

TO
ONOKY

RNP
1.00

DISTANCE
6.58

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	352000.00N/0753033.00W	233	215	8	4B	500				AT1067	1800
TERRAIN	351851.00N/0753033.00W	32 (0)								AS1500	1500

COMPUTATIONS

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

SEGMENT REMARKS:



AIRPORT ID
HSE

PROCEDURE NAME
RNAV (GPS) RWY 25

AMDT NO.
ORIG-A

CITY
HATTERAS

STATE
NC

AIRPORT ELEVATION
16

FACILITY
RNAV

FINAL: LNAV

FROM ONOKY **TO** BECAC

RNP 0.30 **DISTANCE** 5.00 **PAT** **MAP** BECAC **HAT** 504 **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	351457.00N/0753500.00W	230	215	8	4B	250				XP40	520

COMPUTATIONS

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

SEGMENT REMARKS:

XP = 40 TO MATCH PUBLISHED MINIMUMS

MISSED APPROACH: LNAV

FROM BECAC **TO** ZOLMN

RNP 0.30-1.00 **DISTANCE** **PAT** **MAP** **HAT** **HMAS** 420

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				6000
TOWER (37-001604)	353500.60N/0752758.80W	322	50	10	2B	1000					1400
TERRAIN	351412.00N/0753630.00W	52 (100)								AS1500	1600

COMPUTATIONS

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

SEGMENT REMARKS:



AIRPORT ID
HSE

PROCEDURE NAME
RNAV (GPS) RWY 25

AMDT NO.
ORIG-A

CITY
HATTERAS

STATE
NC

AIRPORT ELEVATION
16

FACILITY
RNAV

GLIDESLOPE ANGLE

ELEV RWY THRESHOLD

TCH

ELEV GS ANTENNA

DISTANCE FROM RWY

VGSI ANGLE

TCH

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD

2998 FT FROM THRESHOLD

DISPLACED THRESHOLD DISTANCE

ON CENTERLINE

FT FROM CENTERLINE

CRITICAL TEMPERATURES

CRITICAL LOW

CRITICAL HIGH

ACT

APT ISA

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	CIRCLING RWY 07	
20:1		
26 TREE (37-099529) 351349.94N/0753722.98W (14.33)		23 TREE (37-070625) 351350.29N/0753722.78W (13)
18 TREE (37-070582) 351349.58N/0753722.24W (7.9)		20 TREE (37-099527) 351349.16N/0753722.94W (6.31)
18 TREE (37-070578) 351349.43N/0753722.67W (5.99)		13 TREE (37-099491) 351347.79N/0753720.44W (4.18)
19 TREE (37-070209) 351349.39N/0753723.94W (2.48)		19 TREE (37-070781) 351348.95N/0753723.94W (1.29)
20 TREE (37-070401) 351348.49N/0753724.09W (0.46)		20 TREE (37-099550) 351348.68N/0753724.30W (0.26)
FINAL TYPE	LNAV	
20:1		
42 TREE (37-070360) 351408.56N/0753646.56W (21.14)		46 TREE (37-070485) 351407.95N/0753644.45W (19.52)
45 TREE (37-070441) 351407.55N/0753644.29W (19.08)		48 TREE (37-070353) 351408.42N/0753643.59W (17.23)
45 TREE (37-070521) 351408.01N/0753643.47W (14.96)		74 TREE (37-071058) 351415.36N/0753640.75W (14.13)
37 TREE (37-070736) 351408.93N/0753646.23W (13.97)		65 TREE (37-071627) 351413.93N/0753641.98W (13.37)
32 TREE (37-070198) 351406.63N/0753645.54W (12.96)		29 TREE (37-070293) 351408.31N/0753647.66W (12.65)
46 TREE (37-070356) 351408.45N/0753642.79W (12.38)		69 TREE (37-071394) 351414.88N/0753641.26W (12.23)
30 TREE (37-070296) 351408.41N/0753647.31W (12.16)		42 TREE (37-070688) 351408.68N/0753643.99W (11.9)
75 TREE (37-070840) 351416.10N/0753640.30W (11.52)		34 TREE (37-070359) 351408.55N/0753645.89W (10.85)
35 TREE (37-070734) 351408.90N/0753645.80W (10.57)		30 TREE (37-070291) 351408.24N/0753646.56W (10.03)
60 TREE (37-071314) 351414.45N/0753642.74W (9.56)		71 TREE (37-071051) 351415.16N/0753640.08W (9.37)
35 TREE (37-070524) 351408.08N/0753644.77W (9.27)		30 TREE (37-070639) 351407.24N/0753645.36W (8.65)
32 TREE (37-070476) 351407.64N/0753645.10W (8.63)		42 TREE (37-070725) 351408.74N/0753643.06W (8.51)
40 TREE (37-070738) 351409.06N/0753643.83W (8.29)		66 TREE (37-071312) 351414.41N/0753640.61W (8.28)
40 TREE (37-070522) 351408.04N/0753643.01W (8.28)		26 TREE (37-070733) 351408.88N/0753647.71W (8.24)
66 TREE (37-071538) 351413.20N/0753639.60W (8.14)		41 TREE (37-071021) 351411.36N/0753645.30W (8.01)

QUALITY
42
CHECKED

AIRPORT ID HSE	PROCEDURE NAME RNAV (GPS) RWY 25	AMDT NO. ORIG-A	CITY HATTERAS	STATE NC	AIRPORT ELEVATION 16	FACILITY RNAV
30 TREE (37-070636)	351407.19N/0753645.02W (7.61)					68 TREE (37-071622) 351413.63N/0753639.20W (7.56)
35 TREE (37-070361)	351408.57N/0753644.56W (7.18)					27 TREE (37-071811) 351409.57N/0753647.62W (7.02)
44 TREE (37-070807)	351412.14N/0753644.74W (6.9)					62 TREE (37-071547) 351413.51N/0753640.45W (6.23)
43 TREE (37-070731)	351408.87N/0753642.12W (5.89)					67 TREE (37-071543) 351413.33N/0753638.74W (5.8)
38 TREE (37-071355)	351210.62N/0753644.88W (5.6)					79 TREE (37-071056) 351415.32N/0753636.72W (5.27)
31 TREE (37-070358)	351408.54N/0753645.12W (5.21)					74 TREE (37-071143) 351415.70N/0753638.28W (4.63)
62 TREE (37-070812)	351412.38N/0753639.08W (4.61)					70 TREE (37-071392) 351414.82N/0753638.68W (4.46)
68 TREE (37-071625)	351413.77N/0753638.30W (4.05)					38 TREE (37-098893) 351409.07N/0753643.16W (3.94)
27 TREE (37-071808)	351409.49N/0753646.66W (3.91)					71 TREE (37-071316) 351414.49N/0753637.92W (3.74)
33 TREE (37-070223)	351409.16N/0753644.58W (3.61)					65 TREE (37-070841) 351416.15N/0753640.94W (3.6)
44 TREE (37-071804)	351409.44N/0753641.56W (3.37)					24 TREE (37-070732) 351408.87N/0753646.82W (3.19)
63 TREE (37-070884)	351412.87N/0753638.63W (2.69)					29 TREE (37-071805) 351409.46N/0753645.70W (2.67)
43 TREE (37-071277)	351410.17N/0753642.11W (2.25)					62 TREE (37-071308) 351414.21N/0753639.82W (2.1)
46 TREE (37-071539)	351413.20N/0753643.58W (1.94)					48 TREE (37-071535) 351413.09N/0753642.91W (1.92)
78 TREE (37-071393)	351414.88N/0753635.60W (1.61)					57 TREE (37-071121) 351411.93N/0753639.29W (1.59)
74 TREE (37-071142)	351415.69N/0753637.53W (1.43)					28 TREE (37-071817) 351409.72N/0753645.83W (1.4)
53 TREE (37-070880)	351412.68N/0753640.93W (1.19)					29 TREE (37-071359) 351410.68N/0753646.20W (1.02)
73 TREE (37-071390)	351414.69N/0753636.71W (0.98)					66 TREE (37-071141) 351415.61N/0753639.43W (0.86)
40 TREE (37-071815)	351409.68N/0753642.16W (0.78)					60 TREE (37-071187) 351412.01N/0753638.21W (0.62)
55 TREE (37-071112)	351411.60N/0753639.30W (0.54)					53 TREE (37-070811) 351412.36N/0753640.46W (0.45)
55 TREE (37-071017)	351411.26N/0753638.99W (0.41)					
FINAL TYPE	LNAV					
34:1						
26 TREE (37-070739)	351409.06N/0753645.30W (3.72)					72 TREE (37-071252) 351414.19N/0753635.78W (21.93)
PENETRATIONS REMARKS:						

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

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

PENETRATIONS REMARKS:

QUALITY
42
CHECKED

AIRPORT ID
HSE

PROCEDURE NAME
RNAV (GPS) RWY 25

AMDT NO.
ORIG-A

CITY
HATTERAS

STATE
NC

AIRPORT ELEVATION
16

FACILITY
RNAV

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

TAA NOT APPLIED. LACK OF USABLE AIRWAY STRUCTURE AND MAJORITY OF PROCEDURE OVER WATER.
VDP NA: OBSTACLES PENETRATE 20:1.
PROCEDURE NA AT NIGHT BECAUSE OF NO RWY LIGHTING. AFD STATES: ALL NGT TIME OPS PROHIBITED.
100 FT VEGETATION.
ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

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	2.67
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	221.77
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	100
DISTANCE FROM	MAP	TO 1500FT POINT	4.60
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.76
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	221.77
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	100

THRESHOLD COORDINATES (IF STR-IN)

351406.20N/0753648.93W

ARP COORDINATES

351358.10N/0753704.10W

RUNWAY APCH END AND DIST FURTHEST FROM ARP

RUNWAY 25 DISTANCE 0.25 NM

FAF COORDINATES

351806.64N/0753214.75W

FIX NAME COORDINATES

MAP BECAC 351422.47N/0753618.72W

REMARKS

PART E: PREPARED BY

NAME

DUSTIN HARDISON

OFFICE

AJV-A422

DATE

12/29/2025

TITLE

AERONAUTICAL INFORMATION SPECIALIST

