

**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 ACK	PROCEDURE NAME RNAV (GPS) RWY 6	ORIGINAL/AMENDMENT 1A	CITY NANTUCKET	STATE MA
AIRPORT ELEVATION 47	TDZE 38	SUPERSEDED RNAV (GPS) RWY 6	DATED 09/15/2016	MAG VAR 14W
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 2030
			CANCEL/SUSPEND	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ACK VOR/DME		UFTAC		TF	FO	1.00	238.98	13.97	2300
MVY VOR/DME		AFHAS		TF	FB	1.00	149.15	17.13	2300
AFHAS	IAF	UFTAC	NOPT	TF	FB	1.00	148.84	6.50	2300
BOMLY	IAF	UFTAC	NOPT	TF	FB	1.00	328.99	6.50	2300
UFTAC	IF/IAF	CRAYG		TF	FB	1.00	058.92	6.04	1700
CRAYG	FAF	RW06	MAP	TF	FO	0.30	058.95	5.07	
RW06	MAP	238 MSL		CA			058.95		
238 MSL		WAIVS		DF	FO	1.00			1800

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW06

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1800 DIRECT WAIVS AND HOLD, CONTINUE CLIMB IN HOLD TO 1800.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
- HOLD SW UFTAC, RT, 058.92 INBOUND, 2300 IN LIEU OF PT (IAF), MAX 6000.
- FAC:** 058.95 **FAF:** CRAYG **DIST FAF TO MAP:** 5.07 **DIST FAF TO THLD:** 5.07
- MIN ALT:** UFTAC 2300, CRAYG 1700
- DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **200 HAT:** 0.48 **GS ANT:**
- MIN GP INCPT:** 1700 **GP ALT AT PFAF:** CRAYG 1700 **OM:** **MM:** **IM:**
- GP ANGLE:** 3.00 **34:1:** IS CLEAR **20:1:** IS CLEAR **TCH:** 56.7
- MSA FROM:** RW06 1900



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -12°C OR ABOVE 54°C.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ACK VOR/DME ON AIRWAY RADIALS 270 CW 280.
 CHART NOTE: FOR INOPERATIVE ALS INCREASE LNAV/VNAV VISIBILITY ALL CATS TO RVR 4500, AND LNAV VISIBILITY ALL CATS TO RVR 5500
 CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 291.61 INBOUND.
 CHART FAS OBST: 125 BOAT 411322N/0700602W.
 CHART VDP AT 0.92 NM TO RW06.
 WAAS CHANNEL # 81912
 REFERENCE PATH ID: W06A
 LTP HAE: -20.2 M

MINIMUMS:

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

ALTERNATE: NA STANDARD - CAT D 800-2 1/4, NA WHEN LOCAL WEATHER NOT AVAILABLE.

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>												
LPV DA	238	4000	200	238	4000	200	238	4000	200	238	4000	200			
LNAV/VNAV DA	300	4000	262	300	4000	262	300	4000	262	300	4000	262			
LNAV MDA	380	4000	342	380	4000	342	380	4000	342	380	4000	342			
CIRCLING	480	1	433	500	1	453	720	2	673	720	2 1/4	673			



CHANGES - REASONS

1. FEEDER LEG ACK VOR/DME TO UFTAC COURSE CHANGED FROM 240.98 TO 238.98, RNP VALUE CHANGED FROM 2.0 TO 1.0.- NEW MAGVAR DATA/NAVSPECS
2. FEEDER LEG MUY VOR/DME TO AFHAS COURSE CHANGED FROM 151.15 TO 149.15, RNP VALUE CHANGED FROM 2.0 TO 1.0.- NEW MAGVAR DATA/NAVSPECS
3. INITIAL LEG AFHAS TO UFTAC COURSE CHANGED FROM 150.84 TO 148.84.- NEW MAGVAR DATA
4. INTIAL LEG BOMLY TO UFTAC COURSE CHANGED FROM 330.99 TO 328.99.- NEW MAGVAR DATA
5. INTERMEDIATE LEG UFTAC TO CRAYG COURSE CHANGED FROM 60.92 TO 58.92.- NEW MAGVAR DATA
6. FINAL APCH COURSE CHANGED FROM 60.96 TO 58.95 IN PROFILE LINE 3 AND TERMINAL ROUTES.- NEW MAGVAR DATA AND NEW SOFTWARE EVALUATION ROUNDING
7. PROFILE LINE 8: MSA ALTITUDE CHANGED FROM 1600 TO 1900.- NEW OBSTACLE EVALUATION
8. NOTES: DME/DME RNP-0.3 NA REMOVED, ADDED RNP APCH - GPS.- IAW 8260.19K
9. ADDITIONAL FLIGHT DATA: CHART CIRCLING ICON REMOVED.- IAW 8260.19K
10. CHANGED MISSED APCH INSTRUCTIONS FROM CLIMB TO 1800 DIRECT WAIVS AND HOLD TO CLIMB TO 1800 DIRECT ACK VOR/DME AND HOLD, CONTINUE CLIMB IN HOLD TO 1800. -CLEARANCE LIMIT ALTITUDE CANT BE ACHIEVED
11. MAG VAR VARIANCE AND EPOCH YEAR CHANGED FROM 16W 1995 TO 14W 2030.- NEW MAGVAR DATA
12. PROFILE LINE 7: ADDED 20:1 IS CLEAR.-IAW 8260.19K
13. PROFILE LINE 2: ADDED MAX 6000 - IAW 8260.19K
14. PROFILE LINE 5: MOVED DISTANCE TO THLD FROM 200 HAT FROM ADDITIONAL FLIGHT DATA - IAW 8260.19K
15. NOTES: UPDATED AND MOVED ALL BACK-UP ALTIMETER NOTES TO THE 8260-9 - IAW 8260.19K/NEW VISIBILITY CHARTS/INOP TABLE
16. NOTES: CHANGED FROM CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -12°C (11°F) OR ABOVE 54°C (130°F) TO FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -12C OR ABOVE 54C.- IAW 8260.19K
17. NOTES: CHANGED FROM HYANNIS TO HYA IN BARO-VNAV AND VDP NA NOTE.- IAW 8260.19K
18. ADDITIONAL FLIGHT DATA: CHANGED FROM "HOLD SE, RT, 293.61 INBOUND" TO "HOLD SE, RT, 291.61 INBOUND" - NEW MAGVAR DATA
19. ADDITIONAL FLIGHT DATA: REMOVED ASTERISK FROM "CHART VDP AT 0.92 NM TO RW06*" AND REMOVED "*LOC ONLY" - NO LONGER REQUIRED
20. FAS DATA: LTP LAT/LONG CHANGED FROM 411452.7385N/0700416.1240W TO 411452.7495N/0700416.1280W.- NEW SURVEY DATA
21. FAS DATA: CRC REMAINDER CHANGED FROM 88472C9A TO E4F9F7E0.- NEW SURVEY DATA
22. FAS DATA: LTP AND FPAP ORTHOMETRIC HEIGHT CHANGED FROM +00085 TO +00086.- NEW SURVEY DATA
23. FAS DATA: FPAP LAT/LONG CHANGED FROM 411555.7565N/0700252.5636W TO 411555.7555N/0700252.5510W.- NEW SURVEY DATA
24. DELETED NOTE RADAR REQUIRED FOR ARRIVALAS AT BOMLY - NOTE NO LONGER REQUIRED.

COORDINATED WITH:

A4A
 ALPA
 AOPA
 APA
 HAI
 NBAA
OTHER: ZBW, BOS APP CON, ACK ATCT, AMGR

FLIGHT CHECKED BY

JOHN KEARBY

Digitally signed by
CASIMIR L TABAKA
 Dec 11, 2025

OFFICE

AJF

DATE

12/09/2025

DEVELOPED BY

NICHOLAS HEIDERSTADT

Digitally signed by
CASIMIR L TABAKA
 Dec 11, 2025

OFFICE

AJV-A433

DATE

07/22/2025

APPROVED BY

ROBERT G HAMILTON

Digitally signed by
CASIMIR L TABAKA
 Dec 11, 2025

OFFICE

AJV-A433

DATE

12/18/2025

TITLE

MANAGER



AIRPORT ID
ACK

PROCEDURE NAME
RNAV (GPS) RWY 6

ORIGINAL/AMENDMENT
1A

CITY
NANTUCKET

STATE
MA

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KACK
RUNWAY	RW06
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W06A
LTP/FTP LATITUDE	411452.7495N
LTP/FTP LONGITUDE	0700416.1280W
LTP/FTP ELLIPSOIDAL HEIGHT	-00202
FPAP LATITUDE	411555.7555N
FPAP LONGITUDE	0700252.5510W
THRESHOLD CROSSING HEIGHT (TCH)	00056.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0992
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER E4F9F7E0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00086
FPAP ORTHOMETRIC HEIGHT	+00086



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

<u>AIRPORT ID</u> ACK	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 6	<u>AMDT NO.</u> 1A	<u>CITY</u> NANTUCKET	<u>STATE</u> MA	<u>AIRPORT ELEVATION</u> 47	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

<u>FROM</u> ACK VOR/DME	<u>TO</u> UFTAC
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<u>RNP</u> 1.00	<u>DISTANCE</u> 13.97	<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 (25-000086)	411504.80N/0700743.20W	359	250	50	4D	1000				AT941	2300
TERRAIN	411703.00N/0700321.00W	91 (100)								AS1500	1600

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> MVY VOR/DME	<u>TO</u> AFHAS
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<u>RNP</u> 1.00	<u>DISTANCE</u> 17.13	<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
SHIP	411459.00N/0702549.00W	250	50	20	2C	1000				AT1050	2300
TERRAIN	412451.00N/0703518.00W	82 (100)								AS1500	1600

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
ACK

PROCEDURE NAME
RNAV (GPS) RWY 6

AMDT NO.
1A

CITY
NANTUCKET

STATE
MA

AIRPORT ELEVATION
47

FACILITY
RNAV

INITIAL

FROM
AFHAS

TO
UFTAC

RNP
1.00

DISTANCE
6.50

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TRAVERSE_WAY (25-047559)	410700.93N/0701439.85W	250	40	20	2C	1000				AT1050	2300
TERRAIN	410918.64N/0701742.67W	0 (0)								AS1500	1500

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL

FROM
BOMLY

TO
UFTAC

RNP
1.00

DISTANCE
6.50

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TRAVERSE_WAY (25-047559)	410700.93N/0701439.85W	250	40	20	2C	1000				AT1050	2300
TERRAIN	410443.12N/0701137.27W	0 (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
ACK

PROCEDURE NAME
RNAV (GPS) RWY 6

AMDT NO.
1A

CITY
NANTUCKET

STATE
MA

AIRPORT ELEVATION
47

FACILITY
RNAV

INTERMEDIATE

FROM
UFTAC (IF/IAF)

TO
CRAYG

RNP
1.00

DISTANCE
6.04

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TRAVERSE_WAY (25-047559)	410700.93N/0701439.85W	250	40	20	2C	500				AT950	1700
TERRAIN	410909.18N/0701150.62W	0 (0)								AS1500	1500

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LPV

FROM
CRAYG

TO
RW06

RNP
0.30

DISTANCE
5.07

PAT

MAP
DA

HAT
200

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				238

COMPUTATIONS

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

SEGMENT REMARKS:



AIRPORT ID
ACK

PROCEDURE NAME
RNAV (GPS) RWY 6

AMDT NO.
1A

CITY
NANTUCKET

STATE
MA

AIRPORT ELEVATION
47

FACILITY
RNAV

FINAL: LNAV/VNAV

FROM
CRAYG

TO
RW06

RNP
0.30

DISTANCE
5.07

PAT

MAP
DA

HAT
262

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				300

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV

FROM
CRAYG

TO
RW06

RNP
0.30

DISTANCE
5.07

PAT

MAP
RW06

HAT
342

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
BOAT	411322.45N/0700602.46W	125	50	20	2C	250					380

COMPUTATIONS

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

SEGMENT REMARKS:



AIRPORT ID
ACK

PROCEDURE NAME
RNAV (GPS) RWY 6

AMDT NO.
1A

CITY
NANTUCKET

STATE
MA

AIRPORT ELEVATION
47

FACILITY
RNAV

MISSED APPROACH: LNAV/VNAV

FROM DA **TO** WAIVS

RNP
0.30-1.00

DISTANCE

PAT

MAP

HAT

HMAS
139

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				1800
AAO	411651.00N/0695918.00W	276	215	8	4B	1000					1300
TERRAIN	411651.00N/0700033.00W	101 (100)								AS1500	1600

COMPUTATIONS

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

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM RW06 **TO** WAIVS

RNP
0.30-1.00

DISTANCE

PAT

MAP

HAT

HMAS
280

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				1800
AAO	411651.00N/0695918.00W	276	215	8	4B	1000					1300
TERRAIN	411651.00N/0700033.00W	101 (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
ACK

PROCEDURE NAME
RNAV (GPS) RWY 6

AMDT NO.
1A

CITY
NANTUCKET

STATE
MA

AIRPORT ELEVATION
47

FACILITY
RNAV

CIRCLING ALL CATS CAT A CAT B CAT C CAT D CAT E NOT AUTHORIZED

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>RADIUS</u>	<u>HAA</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>
CATEGORY A											
TANK (25-020018)	411624.26N/0700416.66W	1.30	433	175	50	20	2C	300			480
CATEGORY B											
TANK (25-020018)	411624.26N/0700416.66W	1.81	453	175	50	20	2C	300		HAA	500
CATEGORY C											
TOWER (25-000086)	411504.80N/0700743.20W	2.84	673	359	250	50	4D	300		AC50	720
CATEGORY D											
TOWER (25-000086)	411504.80N/0700743.20W	3.70	673	359	250	50	4D	300		AC50	720

CIRCLING REMARKS:

MSA

CENTER RADIUS
RW06 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	WINDMILL (25-076756)	410423.98N/0702206.05W	246	17.1	837	250	50	4D	1000			1900

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PER FPT ON PREVIOUS PROCEDURE: WITHIN 2NM OF THE SHORELINE, SHIP MASTS DO NOT EXCEED 30FT. BEYOND 2NM FROM SHORELINE, SHIP MASTS DO NOT EXCEED 125FT. MAX SHIP HEIGHT IN SHIPPING LANES ARE 250FT.

TAA NOT DEVELOPED PER AIR TRAFFIC.

IAF (BOMLY) REQUESTED BY AIR TRAFFIC FOR RADAR VECTORING. PROCEDURE INCORPORATES AIRSPACE ADJUSTMENTS DUE TO THE FLOOR OF THE AIRSPACE AT 2000 IN THE EAST COAST LOW CONTROL AREA. ARPT MGR VERIFIED APPROACH LIGHTS TO DISPLACED THRESHOLD.

60 FT VEG PER FPT

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZBW ARTCC, ACK TOWER, BOS APP CON

<u>WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>
ASOS	ACK	24	ACK		Y	0
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>
ASOS	HYA	24	HYA	26.89	Y	63

WX REMARKS:



AIRPORT ID
ACK

PROCEDURE NAME
RNAV (GPS) RWY 6

AMDT NO.
1A

CITY
NANTUCKET

STATE
MA

AIRPORT ELEVATION
47

FACILITY
RNAV

RASS PRESSURE PATTERNS THE SAME
KACK 47, HYA 38
RA = 63.0.

PRIMARY NAVAID

MONITOR POINT

HRS OPERATION

CAT

<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW15 - REIL, MIRL (PCL)	NPI-G	
RW33 - MIRL (PCL), REIL, PAPI-4L	NPI-G	
RW06 - MALSF (PCL), C/LINE, HIRL (PCL), PAPI-4R	PIR-G	APPROACH, ROLL OUT
RW24 - SSALR (PCL), C/LINE, HIRL (PCL), TDZ, PAPI-4L	PIR-G	APPROACH, ROLL OUT

GLIDESLOPE ANGLE
3.00

ELEV RWY THRESHOLD
28.2

TCH
56.7

ELEV GS ANTENNA

DISTANCE FROM RWY

VGSI ANGLE
3.00

TCH
56.7

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD
ON CENTERLINE

FT FROM THRESHOLD
FT FROM CENTERLINE

DISPLACED THRESHOLD DISTANCE 538

CRITICAL TEMPERATURES

CRITICAL LOW
-12C

CRITICAL HIGH
+54C

ACT
-11C

APT ISA
+14.91C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM 3-YEAR HISTORY (2022-2024).
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 955 HIGH TEMP 1260.

"VISUAL PORTION OF FINAL" PENETRATIONS

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

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

PENETRATIONS REMARKS:



AIRPORT ID
ACK

PROCEDURE NAME
RNAV (GPS) RWY 6

AMDT NO.
1A

CITY
NANTUCKET

STATE
MA

AIRPORT ELEVATION
47

FACILITY
RNAV

PART C: GENERAL REMARKS:

THRESHOLD DISPLACED 538.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

CONTINGENCY: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HYA ALTIMETER SETTING AND INCREASE LPV DA TO 301, LNAV/VNAV DA TO 363 AND ALL MDAS 80 FEET; INCREASE LNAV CATS C/D VISIBILITY TO RVR 5000 AND CIRCLING CATS C/D VISIBILITY 1/4 SM.

BARO-VNAV AND VDP NA WHEN USING HYA ALTIMETER SETTING.

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	THLD	TO 1000FT POINT	2.87
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	44.95
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	0
DISTANCE FROM	THLD	TO 1500FT POINT	4.67
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.76
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	44.95
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	0

THRESHOLD COORDINATES (IF STR-IN) 411452.75N/0700416.13W
ARP COORDINATES 411511.88N/0700337.84W
RUNWAY APCH END AND DIST FURTHEST FROM ARP RUNWAY 6 DISTANCE 0.66 NM
FAF COORDINATES 411117.36N/0700901.20W
FIX NAME COORDINATES

REMARKS

THLD DISPLACED 538FT, ACTUAL COORDINATES: 411448.99N/0700421.10W

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
NICHOLAS HEIDERSTADT	AJV-A433	07/22/2025	AERONAUTICAL INFORMATION SPECIALIST

