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	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
ACK	RNAV (GPS) RWY 24	1C	NANTUCKET	MA

AIRPORT ELEVATION	TDZE	SUPERSEDED	ORIGINAL/AMENDMENT	DATED	MAG VAR	EPOCH YEAR
47	47	RNAV (GPS) RWY 24	1B	12/07/2017	16W	1995

FACILITY	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE	CANCEL/SUSPEND
RNAV		10 JULY 2025	ROUTINE	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ACK VOR/DME		OBUBE		TF	FO	1.00	061.13	9.47	2000
LFV VOR/DME		ZEDUP		TF	FB	1.00	191.48	32.92	2000
ZEDUP	IAF	OBUBE	NOPT	TF	FB	1.00	151.07	6.50	2000
CUPNU	IAF	OBUBE	NOPT	TF	FB	1.00	331.21	6.50	2000
OBUBE	IF/IAF	WAIVS		TF	FB	1.00	241.14	6.65	1600
WAIVS	FAF	RW24	MAP	TF	FO	0.30	241.07	4.73	
RW24	MAP	247 MSL		CA			241.07		
247 MSL		UFTAC		DF	FO	1.00			2300

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW24

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2300 DIRECT UFTAC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
2. HOLD NE OBUBE, RT, 241.14 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 6000.
3. **FAC:** 241.07 **FAF:** WAIVS **DIST FAF TO MAP:** 4.73 **DIST FAF TO THLD:** 4.73
4. **MIN ALT:** OBUBE 2000, WAIVS 1600
5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **200 HAT:** 0.48 **GS ANT:**
6. **MIN GP INCPT:** 1600 **GP ALT AT PFAF:** WAIVS 1600 **OM:** **MM:** **IM:**
7. **GP ANGLE:** 3.00 **34:1:** IS CLEAR **20:1:** IS CLEAR **TCH:** 46.9
8. **MSA FROM:** RW24 1600

QUALITY 6 CHECKED

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 LFV VOR/DME ON V167 NORTHEAST BOUND.
CHART NOTE: FOR INOPERATIVE ALS INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 4000 AND LNAV CATS C/D VISIBILITY TO 1 3/8 SM.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HYA ALTIMETER SETTING AND INCREASE LPV DA TO 310 FEET AND ALL VISIBILITIES TO RVR 2000; INCREASE LNAV/VNAV DA TO 363 FEET; INCREASE ALL MDAS 80 FEET AND LNAV VISIBILITY CAT C/D TO RVR 6000 AND CIRCLING VISIBILITY CAT C/D 1/4 SM.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING HYA ALTIMETER SETTING.
CHART NOTE: FOR INOPERATIVE ALS WHEN USING HYA ALTIMETER SETTING, INCREASE LPV AND LNAV/VNAV VISIBILITY ALL CATS TO RVR 4500 AND LNAV CAT C/D TO 1 5/8 SM.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 060.92 INBOUND.
FAS OBST: 266 AAO 411824N/0695909W.
CHART VDP AT 1.33 NM TO RW24.
WAAS CHANNEL # 93612
REFERENCE PATH ID: W24A
CHART CIRCLING ICON.
LTP HAE: -14.5 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.

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
LPV DA	247	1800	200	247	1800	200	247	1800	200	247	1800	200			
LNAV/VNAV DA	300	2400	253	300	2400	253	300	2400	253	300	2400	253			
LNAV MDA	520	2400	473	520	2400	473	520	5000	473	520	5000	473			
CIRCLING	520	1	473	520	1	473	720	2	673	720	2 1/4	673			

QUALITY 6 CHECKED

CHANGES - REASONS

1. PROFILE LINE 2: ADDED "MAX 6000." - IAW 8260.19J 8-6-7 B.
2. PROFILE LINE 5: ADDED 200 HAT: 0.48. - IAW 8260.19J 8-6-7 E.
3. PROFILE LINE 7: ADDED 20:1 IS CLEAR. - IAW 8260.19J 8-6-7 G.
4. NOTES: DELETED CHART NOTE: DME/DME RNP 0.3 NA. - NO LONGER REQUIRED.
5. NOTES: CHANGED CHART NOTE FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -12°C (11°F) OR ABOVE 54°C (130°F)." FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -12°C OR ABOVE 54°C." - FAHRENHEIT TEMPERATURES NO LONGER REQUIRED BY CRITERIA.
6. NOTES: CHANGED INOPERATIVE ALS CHART NOTE FROM "FOR INOPERATIVE SSALR INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 4000." TO "FOR INOPERATIVE ALS INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 4000 AND LNAV CATS C/D VISIBILITY TO 1 3/8 SM." - 8260.3F TABLE 3-3-1.
7. NOTES: REMOVED CHART NOTE FROM "**2400 RVR WHEN USING HYANNIS ALTIMETER SETTING." - NOT REQUIRED PER CRITERIA.
8. NOTES: DELETED CHART PLANVIEW NOTE: RADAR REQUIRED FOR ARRIVALS AT CUPNU. - NOT REQUIRED PER CRITERIA.
9. NOTES: CHANGED CHART NOTE FROM "BARO-VNAV AND VDP NA WHEN USING HYANNIS ALTIMETER SETTING." TO "BARO-VNAV AND VDP NA WHEN USING HYA ALTIMETER SETTING." - IAW 8260.19J 8-6-10 E (8).
10. CHANGED CHART NOTE FROM " WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HYANNIS ALTIMETER SETTING AND INCREASE LPV DA TO 310 FEET AND LNAV/VNAV DA TO 363 FEET AND ALL MDA 80 FEET, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 3000 AND LNAV CATS C/D VISIBILITY TO RVR 4000 AND CIRCLING CATS C/D VISIBILITY 1/4 SM." TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HYA ALTIMETER SETTING AND INCREASE LPV DA TO 310 FEET AND ALL VISIBILITIES TO RVR 2000; INCREASE LNAV/VNAV DA TO 363 FEET; INCREASE ALL MDAS 80 FEET AND LNAV VISIBILITY CAT C/D TO RVR 6000 AND CIRCLING VISIBILITY CAT C/D 1/4 SM." - IAW 8260.19J 8-6-10 F.
11. NOTES: CHANGED CHART FROM "FOR INOPERATIVE SSALR WHEN USING HYANNIS ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO RVR 4500, LNAV/VNAV ALL CATS TO RVR 5000, AND LNAV CATS C/D TO RVR 6000." TO "FOR INOPERATIVE ALS WHEN USING HYA ALTIMETER SETTING, INCREASE LPV AND LNAV/VNAV VISIBILITY ALL CATS TO RVR 4500 AND LNAV CAT C/D TO 1 5/8 SM." - IAW 8260.19J 8-6-12 O (4).
12. ADDITIONAL FLIGHT DATA: FAS OBST CHANGED FROM "119 TREE 411531N/0700242W." TO "266 AAO 411824N/0695909W." - UPDATED OBSTACLE EVALUATION.
13. ADDITIONAL FLIGHT DATA: CHANGED VDP LOCATION FROM " "0.89 NM TO RW24*" TO "1.33 NM TO RW24." - LNAV MDA CHANGED FROM 380 TO 520.
14. ADDITIONAL FLIGHT DATA: REMOVED "*LNAV ONLY" – NO LONGER REQUIRED.
15. MINIMUMS: LNAV MDA/HAT ALL CATS CHANGED FROM 380/333 TO 520/473 AND VISIBILITY CATS C/D CHANGED FROM 2600 TO 5000. - FAS OBSTACLE CHANGED.
16. MINIMUMS: CIRCLING MDA/HAA CATS A/B CHANGED FROM 480/433 TO 520/473. - LNAV HAA CHANGED FROM 333 TO 473.
17. FAS DATA: LTP LAT/LONG CHANGED FROM 411533.0120N/0700322.7300W TO 411533.0115N/0700322.7285W. - SURVEY DATA UPDATED.
18. FAS DATA: FPAP LAT/LONG CHANGED FROM 411429.9880N/0700446.2755W TO 411429.9930N/0700446.2815W. - LTP LAT/LONG UPDATED.
19. FAS DATA: CRC REMAINDER CHANGED FROM 6BF30116 TO 3260969A. - LTP AND FPAP LAT/LONG UPDATED.

COORDINATED WITH:

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

FLIGHT CHECKED BY CHRISTOPHER R VANDEVEER	*Digitally signed by* ***RAKE MCGRAW*** May 12, 2025	**OFFICE** AJF	**DATE** 04/30/2025
DEVELOPED BY RYAN PIPKIN	*Digitally signed by* ***RAKE MCGRAW*** May 12, 2025	**OFFICE** AJV-A33	**DATE** 11/15/2024
APPROVED BY JOHN BORDY	*Digitally signed by* ***RAKE MCGRAW*** May 12, 2025	**OFFICE** AJV-A33	**DATE** / **TITLE** MANAGER

QUALITY 6 CHECKED

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KACK
RUNWAY	RW24
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W24A
LTP/FTP LATITUDE	411533.0115N
LTP/FTP LONGITUDE	0700322.7285W
LTP/FTP ELLIPSOIDAL HEIGHT	-00145
FPAP LATITUDE	411429.9930N
FPAP LONGITUDE	0700446.2815W
THRESHOLD CROSSING HEIGHT (TCH)	00046.9
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0832
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	3260969A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00142
FPAP ORTHOMETRIC HEIGHT	+00142

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