

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29**

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.

| | | | | |
|--------------------------------|---|--|---|----------------------------|
| <u>AIRPORT ID</u> ACK | <u>PROCEDURE NAME</u> ILS OR LOC RWY 24 ILS RWY 24 (SA CAT I) | <u>ORIGINAL/AMENDMENT</u> 17 | <u>CITY</u> NANTUCKET | <u>STATE</u> MA |
| <u>AIRPORT ELEVATION</u> 47 | <u>TDZE</u> 47 | <u>SUPERSEDED</u> ILS OR LOC RWY 24 | <u>ORIGINAL/AMENDMENT</u> 16A | <u>DATED</u> 03/29/2018 |
| <u>FACILITY</u> I-ACK | <u>COORDINATES OF FACILITIES</u> | <u>ACTUAL EFFECTIVE DATE</u> 26 DECEMBER 2024 | <u>REQUIRED EFFECTIVE DATE</u> ROUTINE | <u>MAG VAR</u> 16W |
| | | | | <u>EPOCH YEAR</u> 1995 |
| | | | | <u>CANCEL/SUSPEND</u> |

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> |
|-----------------------------|-----------------|-----------------------------|-----------------|-----------------|--------------|------------|----------------|-----------------|-----------------|
| ACK VOR/DME | | OBUBE/I-ACK 12.55 DME/RADAR | | | | | 060.14 | 9.47 | 2000 |
| OBUBE/I-ACK 12.55 DME/RADAR | IF/IAF | WAIVS/I-ACK 5.90 DME/RADAR | | | | | 241.03 (I-ACK) | 6.65 | 1600 |

MISSED APPROACH

MAP:
ILS: DA
LOC: 4.73 NM AFTER WAIVS/I-ACK LOC/DME 5.90 DME/RADAR OR AT I-ACK 1.17 DME

MISSED APPROACH INSTRUCTIONS:
CLIMB TO 2300 ON ACK VOR/DME R-240 DIRECT UFTAC INT AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT** SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD NE OBUBE/I-ACK LOC/DME 12.55 DME/RADAR, RT, 241.02 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 4500.
- FAC:** 241.03 **FAF:** WAIVS/I-ACK 5.90 DME/RADAR **DIST FAF TO MAP:** 4.73 **DIST FAF TO THLD:** 4.73
- MIN ALT:** OBUBE/I-ACK 12.55 DME/RADAR 2000, WAIVS/I-ACK 5.90 DME/RADAR 1600, YIVUP/I-ACK 2.76 DME/RADAR 600
- DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** 1971 **GS ANT:** 924
- MIN GS INCPT:** 1600 **GS ALT AT PFAF:** WAIVS/I-ACK 5.90 DME/RADAR 1600 **OM:** **MM:** **IM:**
- GS ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 46.9
- MSA FROM:** ACK VOR/DME 1900



EQUIPMENT REQUIREMENTS NOTES:

DME OR RADAR REQUIRED.

NOTES:

SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 24: CAT A, B, C, D, RA 141, RVR 1400, HAT 150, DA 197 MSL
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 24 CAT C AND D VISIBILITIES TO RVR 5500.
SA CAT I CHART NOTE: PROCEDURE NA WHEN CONTROL TOWER CLOSED.
SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 059.98 INBOUND.
CHART FAS OBST: 133 TREE (25-077723) 411601N/0700249W.
CHART VDP AT 2.12 DME.
DISTANCE VDP TO THLD 0.96 NM.
CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.; LOC: STANDARD - CAT D 800-2 1/4, NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.

| <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> | <u>DA/MDA</u> | <u>VIS</u> | <u>HAT/HAA</u> | <u>DA/MDA</u> | <u>VIS</u> | <u>HAT/HAA</u> | <u>DA/MDA</u> | <u>VIS</u> | <u>HAT/HAA</u> | <u>DA/MDA</u> | <u>VIS</u> | <u>HAT/HAA</u> |
| S-ILS 24 | 247 | 1800 | 200 | 247 | 1800 | 200 | 247 | 1800 | 200 | 247 | 1800 | 200 | | | |
| S-LOC 24 | 400 | 2400 | 353 | 400 | 2400 | 353 | 400 | 3000 | 353 | 400 | 3000 | 353 | | | |
| CIRCLING | 480 | 1 | 433 | 500 | 1 | 453 | 720 | 2 | 673 | 720 | 2 1/4 | 673 | | | |



CHANGES - REASONS

1. TERMINAL ROUTES: SEGMENT ORUBE TO WAIVS: CHANGED COURSE FROM "241.02" TO "241.03" – NEW EVALUATION.
2. MISSED APPROACH: CHANGED FROM "TO 2300 ON ACK VOR/DME R-240 TO UFTAC INT AND HOLD" TO "CLIMB TO 2300 ON ACK VOR/DME R-241.03 DIRECT UFTAC INT AND HOLD" – NEW FORMAT/NEW EVALUATION.
3. ALTERNATE MISSED APPROACH: REMOVED ALTERNATE MISSED APPROACH AND REMOVED ALTERNATE MISSED APPROACH INSTRUCTIONS FROM ADDITIONAL FLIGHT DATA SECTION – ATC REQUEST/LACK OF USABLE NAVAIDS.
4. PROFILE LINE 2: CHANGED FROM "HOLD NE OBUBE, RT, 241.02 INBOUND, 2000 FT. IN LIEU OF PT (IAF)" TO "HOLD NE OBUBE/I-ACK LOC/DME 12.55 DME/RADAR, RT, 241.02 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 4500" – NEW FORMAT.
5. PROFILE LINE 3: CHANGED FAC FROM "241.02" TO "241.03" – NEW EVALUATION.
6. PROFILE 4: CHANGED MIN ALT FROM "OBUBE 2000, WAIVS 1600, YIVUP/I-ACK 2.75 DME/ RADAR 600*" TO "OBUBE/I-ACK 12.55 DME/RADAR 2000, WAIVS/I-ACK 5.90 DME/RADAR 1600, YIVUP/I-ACK 2.76 DME/RADAR 600" – NEW FORMAT/ASTERISK NO LONGER REQUIRED FOR LOC.
7. PROFILE LINE 5: ADDED "150 HAT: 1971" AND CHANGED GS ANT FROM "922" TO "924" – ADDED SA CAT I LINE OF MINIMA/NEW SURVEY.
8. PROFILE LINE 6: CHANGED GS ALT AT: FROM "WAIVS 1600" TO "WAIVS/I-ACK 5.90 DME/RADAR 1600" – NEW FORMAT.
9. PROFILE LINE 8: CHANGED MSA FROM "ACK VOR/DME 1600" TO "ACK VOR/DME 1900" – NEW CONTROLLING OBSTACLE (WINDMILL IN WATER).
10. NOTES: MOVED TO THE -9 AND CHANGED FROM "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HYANNIS ALTIMETER SETTING AND INCREASE DA TO 310 AND ALL MDA 80 FEET. INCREASE S-ILS 24, ALL CATS, VISIBILITY TO RVR 2000, S-LOC 24 CATS C/D VISIBILITY TO RVR 4000 AND INCREASE CIRCLING CATS C/D 1/4 SM" TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HYA ALTIMETER SETTING AND INCREASE S-ILS 24 DA TO 310 FEET AND ALL VISIBILITIES TO RVR 2000, INCREASE ALL MDAS 80 FEET AND S-LOC 24 VISIBILITY CAT C/D TO RVR 4000 AND CIRCLING VISIBILITY CAT C/D 1/4 SM" – NEW FORMAT/NEW VIS CHARTS/AIRPORT ON WMSCR.
11. NOTES: CHANGED FROM "FOR INOPERATIVE SSALR WHEN USING THE HYANNIS ALTIMETER SETTING, INCREASE S-ILS 24, ALL CATS, VISIBILITY TO RVR 4500 AND INCREASE S-LOC 24 CATS C/D VISIBILITY TO RVR 6000" TO "FOR INOPERATIVE ALS, INCREASE S-LOC 24 CAT C AND D VISIBILITIES TO RVR 5500" – NEW FORMAT/NEW VIS CHARTS.
12. NOTES: ADDED "SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 24: CAT A, B, C, D, RA 141, RVR 1400, HAT 150, DA 197 MSL" – ADDED SA CAT I MINS.
13. NOTES: ADDED "SA CAT I CHART NOTE: PROCEDURE NA WHEN CONTROL TOWER CLOSED" – IAW 8260.19.
14. NOTES: ADDED " SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL" – IAW 8260.19.
15. NOTES: MOVED TO THE -9: VDP NA WHEN USING HYA ALTIMETER SETTING - AIRPORT ON WMSCR.
16. ADDITIONAL FLIGHT DATA: CHANGED FROM "HOLD SW, RT, 060.02 INBOUND" TO "HOLD SW, RT, 059.98 INBOUND" – NEW EVALUATION.
17. ADDITIONAL FLIGHT DATA: CHANGED FROM "CHART FAS OBST: 112 TREE 411605N/0700257W" TO "133 TREE (25-077723) 411601N/0700249W" – NEW SURVEYED OBSTACLE.
18. ADDITIONAL FLIGHT DATA: CHANGED FROM "CHART VDP AT 2.06 DME*" TO "CHART VDP AT 2.12 DME" AND REMOVED "LOC ONLY" – NEW EVALUATION/NO LONGER REQUIRED.
19. ADDITIONAL FLIGHT DATA: CHANGED FROM "DISTANCE VDP TO THLD 0.89 NM" TO "DISTANCE VDP TO THLD 0.96 NM." – NEW EVALUATION.
20. MINIMUMS: ALTERNATE: REMOVED "#CAT C 700-2, CAT D 700-2 1/4" – NEW VIS CHARTS/NEW MINS.
21. MINIMUMS: S-LOC 24 ALL CATS MDA/HAT CHANGED FROM "380/333" TO "400/353", AND CATS C/D VISIBILITY CHANGED FROM "2600" TO "3000" – NEW SURVEYED OBSTACLE.
22. PROCEDURE NAME: ADDED ILS RWY 24 (SA CAT I) - AIRPORT REQUESTED SA CAT 1 LINES OF MINIMA.

11/14/2024: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 06/27/2024.
MISSED APPROACH: CHANGED ACK VOR/DME R-241.03 TO R-240.

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA OTHER: ZBW, BOSTON APP CON, KACK ATCT, AMGR

FLIGHT CHECKED BY

MICHAEL G CAMPBELL

Digitally signed by
CASIMIR L TABAKA
Nov 15, 2024

OFFICE

AJF

DATE

11/05/2024

DEVELOPED BY

APRIL SARMENTO

Digitally signed by
APRIL T SARMENTO
Aug 06, 2024

OFFICE

AJV-A432

DATE

06/07/2024

APPROVED BY

BEV L BORDY

Digitally signed by
CASIMIR L TABAKA
Nov 15, 2024

OFFICE

AJV-A430

DATE

TITLE
MANAGER

