

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</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>	
CAPE COD COAST GUARD AIR STATION	KFMH	ILS Z OR LOC Z RWY 23	2	FALMOUTH	MA	
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
130	126	ILS OR LOC RWY 23	1B	12/11/2014	15W	1980
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
I-FMH		25 APRIL 2019	ROUTINE			

TERMINAL ROUTES **THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 19-07.**

<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>
LFV VOR/DME		REDSX INT/I-FMH 21.21 DME					253.41	10.51	3500
MVY VOR/DME		JAYHA/I-FMH 6.58 DME	FAF/IAF				035.95	21.65	2500
GAILS INT/BOS 39.32 DME	IAF	HUDOP INT/I-FMH 13.37 DME	NOPT				153.96	3.84 (BOS R-154)	2500
REDSX INT/I-FMH 21.21 DME	IAF	HUDOP INT/I-FMH 13.37 DME	NOPT				233.94	7.84 (I-FMH)	2500
HUDOP INT/I-FMH 13.37 DME	IF	JAYHA/I-FMH 6.58 DME					233.94	6.79 (I-FMH) ←	1800

MISSED APPROACH

MAP:

ILS: DA
LOC: DEMBE/I-FMH 2.10 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1400 THEN CLIMBING LEFT TURN HEADING 050 AND MVY VOR/DME R-036 TO 3000 DIRECT JAYHA AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 3000 DIRECT GLESO AND HOLD. (GPS REQUIRED)

PROFILE:

- PT R **SIDE OF COURSE** 053.94 **OUTBOUND** 1800 **FT WITHIN** 10 **MILES OF** JAYHA/I-FMH 6.58 DME (IAF)
-
- FAC:** 233.94 **FAF:** JAYHA/I-FMH 6.58 DME **DIST FAF TO MAP:** **DIST FAF TO THLD:** 5.09
- MIN ALT:** JAYHA/I-FMH 6.58 DME 1800, BUYLA/I-FMH 3.19 DME 720*
- DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:** 1051
- MIN GS INCPT:** 1800 **GS ALT AT FAF :** JAYHA/I-FMH 6.58 DME 1800 **OM:** **MM:** **IM:**
- GP ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 53.4
- MSA FROM:** MVY VOR/DME 090-270 1500, 270-090 2100

QUALITY
23
CHECKED

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED

NOTES:

CHART NOTE: CIRCLING NA NE OF RWY 14 AND NW OF RWY 23.
*LOC ONLY
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GAILS ON V141 NORTHBOUND.
CHART NOTE: FOR INOP ALS, INCREASE S-LOC 23 CATS C/D VISIBILITY TO RVR 5500.
CHART NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.

ADDITIONAL FLIGHT DATA:

CHART LFB 10.51 DME AND ACK R-001 AT REDSX.
CHART BOS 43.16 DME AND LFB R-246 AT HUDOP.
CHART LFB R-258 AT GAILS.
CHART OM IN HALF-TONE.
CHART FAS OBST: 228 TREE 414032N/0703006W.
CHART MVB 21.65 DME AT JAYHA.
CHART CIRCLING ICON.
CHART R-4101
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SW GLESO, RT, 053.84 INBOUND.
HOLD NE, LT, 233.94 INBOUND

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

ALTERNATE: NA ☐ ILS: STANDARD; LOC: STANDARD - CAT C 800-2 1/4, CAT D 800-2 1/2

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
S-ILS 23**	326	2400	200	326	2400	200	326	2400	200	326	2400	200			
S-LOC 23	480	2400	354	480	2400	354	480	3000	354	480	3000	354			
CIRCLING	580	1	450	640	1	510	900	2 1/4	770	900	2 1/2	770			



CHANGES - REASONS

1. ADDED CHART NOTE: DME REQUIRED - NDB BEING DECOMMISSIONED.
2. UPDATED PFAF/FAF TO JAYHA/I-FMH 6.58 DME - NDB BEING DECOMMISSIONED.
3. ADDED MAP DEMBE/I-FMH 2.10 DME - USCG REQUEST.
4. DELETED FALMOUTH LOM/BOMDE FROM APPROACH - NDB BEING DECOMMISSIONED.
5. REMOVED CHART NOTE: ADF REQUIRED - NDB BEING DECOMMISSIONED.
6. CHANGED THRE 125 TO TDZE 126 - INCORPORATED PNOTAM 4/2190.
7. CHANGED S-LOC 23 HAT FROM 355 TO 354 - INCORPORATED PNOTAM 4/2190.
8. CHANGED CIRC CAT C/D HAA FROM 690FT TO 770 FT - EXPANDED CIRCLING CRITERIA.
9. CHANGED ALT MA FROM "CLIMB TO 1400 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 032 AND I-FMH NE COURSE TO BOMDE LOM/I-FMH 6.51 DME AND HOLD. (DME REQUIRED)" TO "CLIMB TO 3000 DIRECT GLESO AND HOLD." - BOMDE LOM BEING DECOMMISSIONED.
10. UPDATED LOC MAP FROM 4.41 MILES AFTER BOMDE LOM/I-FMH 6.51 DME OR AT DEMBE/I-FMH 2.10 DME FIX TO DEMBE/IFMH 2.10 DME - BOMDE LOM BEING DECOMMISSIONED.
11. UPDATED ADDITIONAL FLIGHT DATA HOLD INSTRUCTIONS FROM HOLD NE, LT, 2334.01 INBOUND TO HOLD NE, LT, 233.94 INBOUND - UPDATED GEODETIC CALCULATION.
12. UPDATED CHARTED FAS OBST FROM 189 TREE 414015N/1713039W TO 228 TREE 414032N/0703006W - NEW OBSTACLE DATA.
13. AMENDED FINAL APPROACH DISTANCE FROM 5.02 NM TO 5.09 NM - UPDATED GEODETIC CALCULATION.
14. UPDATED MSA FROM FM LOM 360-360 AT 1900 WITIN 25 NM TO MVY VOR/DME 090-270 AT 1500 AND 270-090 AT 2100 - NDB BEING DECOMMISSIONED.
15. REMOVED BUYLA SD MINIMUMS FROM PROCEDURE - UPDATED CRITERIA.
16. CHANGED ILS DA AT RWY THLD FROM 325 TO 326 - UPDATED BUILD.
17. CHANGED CIRCLING CAT A FROM 720 TO 580 - NEW CONTROLLING OBSTACLE INFORMATION.
18. CHANGED CIRCLING CAT B FROM 720 TO 640 - NEW CONTROLLING OBSTACLE INFORMATION.
19. CHANGED CIRCLING CAT C FROM 720 TO 900 - NEW CONTROLLING OBSTACLE INFORMATION.
20. CHANGED CIRCLING CAT D FROM 720 TO 900 - NEW CONTROLLING OBSTACLE INFORMATION.
21. PROCEDURE NAME CHANGED FROM ILS OR LOC RWY 23 TO ILS Z OR LOC Z RWY 23 - IAW 8260.3D SECTION 1-6.

11/21/18: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 06/07/2018/

1. CHANGED UNITED STATES COAST GUARD TO FEDERAL AVIATION ADMINISTRATION ON TOP LINE OF 8360-3
2. CHANGED JAYHA 1800 TO JAYHA/I-FMH 6.58 DME 1800 ON LINE 6
3. CHANGED **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA TO CHART NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA IN NOTES SECTION

2/8/19: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 11/13/2018.

1. HUDOP TO JAYHA DISTANCE CHANGED FROM 6.86 TO 6.79.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** FMH ATCT, CAPE APP CON, AIRFIELD MANAGEMENT/U.S.C.G.

FLIGHT CHECKED BY

ROBERT STEPHEN PRESSLER

Digitally signed by

DAVID DANNER

Feb 11, 2019

OFFICE

FIOG

DATE

11/07/2018

DEVELOPED BY

LONNIE EVERHART (KELLY CARLSON)

Digitally signed by

DAVID DANNER

Feb 11, 2019

OFFICE

AJV-5400

DATE

06/07/2018

APPROVED BY

LONNIE EVERHART

Digitally signed by

DAVID DANNER

Feb 11, 2019

OFFICE

AJV-5400

DATE

TITLE

MANAGER

QUALITY
23
CHECKED