

**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> KFMH	<u>PROCEDURE NAME</u> ILS Z OR LOC Z RWY 32	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> FALMOUTH	<u>STATE</u> MA		
<u>AIRPORT ELEVATION</u> 130	<u>TDZE</u> 116	<u>SUPERSEDED</u> ILS OR LOC RWY 32	<u>ORIGINAL/AMENDMENT</u> 1C	<u>DATED</u> 06/18/2020	<u>MAG VAR</u> 15W	<u>EPOCH YEAR</u> 1980
<u>FACILITY</u> I-BNX	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 8 SEPTEMBER 2022	<u>REQUIRED EFFECTIVE DATE</u> CONCURRENT WITH KFMH COPTER ILS Y OR LOC Y RWY 32 ORIG.	<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>
MVY VOR/DME		HAGTU INT/I-BNX 6.64 DME	FAF/IAF				049.25	14.98	1700
PVD VOR/DME		HAGTU INT/I-BNX 6.64 DME	FAF/IAF				112.85	45.75	3000

MISSED APPROACH

MAP:

ILS: DA
LOC: 4.18 NM AFTER HAGTU INT/I-BNX 6.64 DME OR AT JAGSU/I-BNX 2.47 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1400 THEN CLIMBING LEFT TURN TO 2000 ON HEADING 112 AND I-BNX LOCALIZER SE COURSE TO HAGTU INT/I-BNX 6.64 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
2. HOLD SE HAGTU, RT, 322.44 INBOUND, 1700 FT. IN LIEU OF PT (IAF), MAX 4000.
3. **FAC:** 322.44 **FAF:** HAGTU INT/I-BNX 6.64 DME **DIST FAF TO MAP:** 4.18 **DIST FAF TO THLD:** 4.84
4. **MIN ALT:** HAGTU INT/I-BNX 6.64 DME 1700
5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:** 933
6. **MIN GS INCPT:** 1700 **GS ALT AT PFAF:** HAGTU INT/I-BNX 6.64 DME 1700 **OM:** **MM:** **IM:**
7. **GS ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 49.8
8. **MSA FROM:** MVY VOR/DME 090-270 1500, 270-090 2100

EQUIPMENT REQUIREMENTS NOTES:



NOTES:

CHART NOTE: CIRCLING NA NE OF RWY 14 AND NW OF RWY 23.
CHART NOTE: * RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PVD VOR/DME AIRWAY RADIALS 093 CW 165.
CHART PROFILE NOTE: USE I-BNX DME WHEN ON THE LOCALIZER COURSE.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC-32 CATS C/D VISIBILITY TO RVR 6000.

ADDITIONAL FLIGHT DATA:

CHART IN PLANVIEW (CFMCB) AT 413343.19N/0702117.45W
CHART IN PLANVIEW AND PROFILE MVY 14.98 DME AT HAGTU.
FAS OBST: 250 AAO 413728N/0702647W.
CHART R-4101.
CHART CIRCLING ICON.

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 32*	316	2400	200	316	2400	200	316	2400	200	316	2400	200			
S-LOC 32	520	2400	404	520	2400	404	520	4000	404	520	4000	404			
CIRCLING	580	1	450	640	1	510	900	2 1/4	770	900	2 1/2	770			

CHANGES - REASONS

1. CHANGED PROCEDURE ID FROM ILS OR LOC RWY 32 TO ILS Z OR LOC Z RWY 32. - PROCEDURE CONCURRENT WITH COPTER ILS Y OR LOC Y RWY 32 ORIG.
2. MOVED HAGTU 7 FT SOUTH AND CHANGED COURSE FROM 322.43 TO 322.44 AND CHANGED DISTANCE FROM HAGTU TO JAGSU FROM 4.17 NM TO 4.18 NM. - NEW PFAF LOCATION TO MEET CURRENT CRITERIA.
3. ADDED LINE 2 MAX 4000. - IAW FAAO 9260.19 PARAGRAPH 8-6-7.B.(2).
4. CHANGED LINE 2 COURSE FROM 322.43 TO 322.44. - ALIGNED WITH NEW FAC.
5. CHANGED LINE 3 FAC FROM 322.43 TO 322.44 AND DIST FAF TO MAP FROM 4.17 TO 4.18. - NEW PFAF CALCULATIONS.
6. CHANGED LINE 7 TCH FROM 50.1 FT TO 49.8 FT. - 49.8 IS DESIGN TCH.
7. ADDED CHART PROFILE NOTE USE I-BNX DME WHEN ON THE LOCALIZER COURSE. - MVY DME EXCEEDS MAXIMUM DIVERGENT ANGLE WITH I-BNX RADIAL WHILE ON LOCALIZER COURSE. - IAW FAAO 8260.3E PARAGRAPH 2-9-3.A.
8. ADDED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PVD VOR/DME AIRWAY RADIALS 093 CW 165. - IAW FAA 8260.19I PARAGRAPH 8-2-5.E.(2).
9. ADDED CHART NOTE FOR INOPERATIVE ALS, INCREASE S-LOC-32 CATS C/D VISIBILITY TO RVR 6000. - IAW FAAO 8260.19I PARAGRAPH 8-6-11.O.(3)(D).
10. CHANGED CHART PLANVIEW CFMCB LOCATION FROM 413343.18N0702117.98W TO 413343.19N/0702117.45W. - ALIGNED WITH NEW FAC.
11. CHANGED LOC FAS OBSTACLE FROM 259 AAO 413726.68N/0702645.47W TO 250 AAO 413727.76N/0702647.21W.

06/09/2022: THIS IS AN UPDATED COPY FOR THE FORM DEVELOPED ON 03/04/2022.

1. TERMINAL ROUTE PVD VOR/DME TO HAGTU ALTITUDE CHANGED FROM 2500 TO 3000. - UPDATED PVD VOR/DME ESV MIN ALTITUDE AT HAGTU.

06/28/2022: THIS IS A CORRECTED COPY FOR THE FORM APPROVED ON 06/23/2022.

1. CHANGED FORM HEADER AND MILITARY TYPE FROM UNITED STATES COAST GUARD TO FEDERAL AVIATION ADMINISTRATION.
2. CHANGED PROCEDURE USE FROM MILITARY TO CIVIL.
3. LINE 7 CHANGED GP TO GS. - CHART UPDATE.



COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** CAPE TRACON, FMH ATCT, APT MGR, USCG

FLIGHT CHECKED BY *Digitally signed by*
DANIEL WILLIAM KIRBY **ERIC N SUSKI**
Jun 30, 2022

OFFICE
FIOG
DATE
05/18/2022

DEVELOPED BY *Digitally signed by*
DONALD H. LANIER (MICHAEL MCCARTNEY) **ERIC N SUSKI**

OFFICE
AJV-A431
DATE
03/04/2022

APPROVED BY *Digitally signed by*
CASIMIR TABAKA **ERIC N SUSKI**
Jun 30, 2022

OFFICE
AJV-A430
DATE
TITLE
MANAGER