

**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.

<u>AIRPORT ID</u> KFMH	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 23	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>CITY</u> FALMOUTH	<u>STATE</u> MA		
<u>AIRPORT ELEVATION</u> 130	<u>TDZE</u> 126	<u>SUPERSEDED</u> RNAV (GPS) RWY 23	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 07/24/2014	<u>MAG VAR</u> 15W	<u>EPOCH YEAR</u> 1980
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 25 FEBRUARY 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<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>
DUNKK		LACKO		TF	FB	1.00	153.42	12.95	3000
ACK VOR/DME		RESCU		TF	FB	1.00	009.92	22.68	3000
LACKO	IAF	KUCAR	NOPT	TF	FB	1.00	153.55	8.00	3000
RESCU	IAF	KUCAR	NOPT	TF	FB	1.00	323.18	15.70	3000
LFV VOR/DME	IAF	KUCAR	NOPT	TF	FB	1.00	244.61	18.21	3000
KUCAR	IF/IAF	JAYHA		TF	FB	1.00	234.05	6.70	1800
JAYHA	FAF	BUYLA/1.70 NM TO RW23		TF	FB	0.30	233.99	3.39	
BUYLA/1.70 NM TO RW23		RW23	MAP	TF	FO	0.30	233.99	1.70	
RW23	MAP	326 MSL		CA			233.39		
326 MSL		GLESO		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW23

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT GLESO AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD NE KUCAR, LT, 234.05 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.					
3. FAC:	233.99	FAF: JAYHA	DIST FAF TO MAP:	5.09	DIST FAF TO THLD: 5.09
4. MIN ALT:	KUCAR 3000, JAYHA 1800, BUYLA/1.70 NM TO RW23 720*				
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	200 HAT: 0.46	GS ANT:
6. MIN GP INCPT:	1800	GP ALT AT FAF :	JAYHA 1800	OM:	MM:
7. GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR
			TCH:	53.6	
8. MSA FROM:	RW23 1900				

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -15°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DUNKK ON V141 NORTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON ACK VOR/DME AIRWAY RADIALS 300 CW 349.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON LFV VOR/DME AIRWAY RADIAL 228.
CHART NOTE: CIRCLING NA NE OF RWY 14 AND NW OF RWY 23.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 5500 AND LNAV CATS C AND D VISIBILITY TO RVR 6000.
*LNAV ONLY.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
HOLD SW, RT, 053.84 INBOUND.
CHART FAS OBST: 286 ANTENNA 414016N/0703059W.
CHART R-4101.
CHART VDP AT 1.13 NM TO RW23*
*LNAV ONLY.
WAAS CHANNEL # 97337
REFERENCE PATH ID: W23A
LTP HAE: 10 M



MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 800-2 1/4, CAT D 800-2 1/2, 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	326	2400	200	326	2400	200	326	2400	200	326	2400	200			
LNAV/VNAV DA	467	3000	341	467	3000	341	467	3000	341	467	3000	341			
LNAV MDA	540	2400	414	540	2400	414	540	4000	414	540	4000	414			
CIRCLING	580	1	450	640	1	510	900	2 1/4	770	900	2 1/2	770			

CHANGES - REASONS

1. CHANGED LNAV VNAV DA/HAT-VIS FROM 441/315 - RVR 2600 TO 467/341 - RVR 3000. - NEW CONTROLLING OBSTACLE.
2. CHANGED MALSR TO ALS AND LNAV/VNAV ALL CATS VISIBILITY FROM RVR 4500 TO RVR 5500 IN INOPERATIVE NOTE. - FAAO 8260.19H AND NEW LNAV/VNAV MINIMUMS.
3. REMOVED DEGREES F FROM UNCOMPENSATED BARO-VNAV NOTE. - DEGREES F NO LONGER REQUIRED.
4. DELETED DME/DME RNP-0.3 NA NOTE. - NO LONGER REQUIRED.
5. ADDED EQUIPMENT REQUIREMENTS NOTE: RNP APCH. - FAAO 8260.19H PARAGRAPH 8-6-8.
6. ADDED 20:1 IS CLEAR TO PROFILE VIEW. - 20:1 SURFACE IS CLEAR.
7. CHANGED FAS OBST IN ADDITIONAL FLIGHT DATA FROM: 280 TOWER 414016N/0703059W TO: 286 ANTENNA 414016N/0703059W._ NEW ANTENNA CONSTRUCTED(LNAV MDA NOT AFFECTED.)
8. ADDED NA WHEN LOCAL WEATHER NOT AVAILABLE. TO ALTERNATE MINIMUMS. - FAAO 8260.3D PARAGRAPH 3-4-1.

10/28/20: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 10/1/20.
CHANGED FORM HEADER FROM UNITED STATES COAST GUARD TO FEDERAL AVIATION ADMINISTRATION.

COORDINATED WITH:

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

FLIGHT CHECKED BY
STEPHEN BAUER.

OFFICE
FICO

DATE
11/25/2020

DEVELOPED BY
LIAM DONAHUE

Digitally signed by
LIAM DONAHUE

Digitally signed by
DONALD H LANIER

OFFICE
AJV-A431

DATE
09/24/2020

RECOMMENDED BY
LONNIE EVERHART

Oct 01, 2020
Digitally signed by
DONALD H LANIER

Oct 09, 2020

OFFICE
AJV-A430

DATE

TITLE
MANAGER

APPROVED BY

Oct 09, 2020

OFFICE

DATE

TITLE

QUALITY
20
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KFMH
RUNWAY	RW23
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W23A
LTP/FTP LATITUDE	414001.9710N
LTP/FTP LONGITUDE	0703041.8885W
LTP/FTP ELLIPSOIDAL HEIGHT	+00100
FPAP LATITUDE	413852.6290N
FPAP LONGITUDE	0703156.5860W
THRESHOLD CROSSING HEIGHT (TCH)	00053.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0312
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	DA6DC0C9

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00383
FPAP ORTHOMETRIC HEIGHT	+00383

