

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> KBFM	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 14	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> MOBILE	<u>STATE</u> AL		
<u>AIRPORT ELEVATION</u> 26	<u>TDZE</u> 26	<u>SUPERSEDED</u> RNAV (GPS) RWY 14	<u>ORIGINAL/AMENDMENT</u> 2A	<u>DATED</u> 09/13/2018	<u>MAG VAR</u> 1W	<u>EPOCH YEAR</u> 2005
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 23 FEBRUARY 2023	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

**TAA**

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 050/30 CW 230/30	NOPT	NOTNE	IAF	2100
2. 230/30 CW 050/30		230/15 CW 050/15		3100
3. 230/15 CW 050/15		NOTNE	IAF	2100

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
NOTNE	IF/IAF	HUTIP		TF	FB	1.00	139.68	7.00	1500
HUTIP	FAF	UFYAH/2.96 NM TO RW14		TF	FB	0.30	139.71	1.51	
UFYAH/2.96 NM TO RW14		RW14	MAP	TF	FO	0.30	139.71	2.96	
RW14	MAP	308 MSL		CA			139.71		
308 MSL		ROKGO		DF	FO	1.00			1700

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW14

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 1700 DIRECT ROKGO AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD NW NOTNE, LT, 139.68 INBOUND, 2100 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 139.71FAF: HUTIPDIST FAF TO MAP: 4.47DIST FAF TO THLD: 4.47

4. MIN ALT: NOTNE 2100, HUTIP 1500, UFYAH/2.96 NM TO RW14 1020

5. DIST TO THLD FROM OM:MM:IM:150 HAT:282 HAT: 0.73GS ANT:

6. MIN GP INCPT: 1500GP ALT AT PFAF : HUTIP 1500OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS NOT CLEAR20:1: IS CLEARTCH: 50.0

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 14 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -2°C OR ABOVE 54°C.  
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 319.84 INBOUND.  
CHART FAS OBST: 184 TOWER (01-051874) 304009N/0880605W.  
CHART 240 ANTENNA 304018N/0880657W.  
CHART VDP AT 1.08 NM TO RW14.  
WAAS CHANNEL # 50411  
REFERENCE PATH ID: W14A  
LTP HAE: -20.5 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 1100-3, 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	308	7/8	282	308	7/8	282	308	7/8	282	308	7/8	282			
LNAV/VNAV DA	396	1	370	396	1	370	396	1	370	396	1	370			
LNAV MDA	440	1	414	440	1	414	440	1 1/8	414	440	1 1/8	414			
CIRCLING	680	1	654	680	1	654	680	1 3/4	654	1100	3	1074			



**CHANGES - REASONS**

1. INCORPORATED P-NOTAM AMENDMENTS: AMDT 2A/ NOTAM 8/8670.
2. TERMINAL ROUTES: UPDATED ALL REF TO UFYAH DIST TO RW14 FROM 3.00 TO 2.96 - FIX MOVED DUE TO UPDATED RWY DATA.
3. TERMINAL ROUTES/PROFILE LINE 3: FAC UPDATED FROM 139.72 TO 139.71 - UPDATED EVALUATION.
4. TERMINAL ROUTES: UPDATED FAF-SDF AND SDF-RW14 DISTANCES FROM 1.47/3.00 TO 1.51/2.96 - FAF AND SDF MOVED WITH UPDATED RWY DATA AND UPDATED EVALUATION.
5. TERMINAL ROUTES: DOCUMENTED MA CA LEG CHANGED FROM 280 TO 308 - LNAV/VNAV DA RAISED FROM 280, LPV DA 308 DICTATES NEW DOCUMENTED ALTITUDE.
6. PROFILE LINE 2: ADDED "MAX 6000" TO HOLDING PATTERN - UPDATED CHARTING CRITERIA.
7. PROFILE LINE 5: ADDED "282 HAT: 0.73" - UPDATED EVALUATION/CHARTING CRITERIA.
8. PROFILE LINE 7: ADDED 20:1 IS CLEAR - NO PENETRATIONS EXIST.
9. PBN REQUIREMENTS NOTE: UPDATED FROM "RNP APCH" TO "RNP APCH - GPS" - UPDATED CHARTING CRITERIA.
10. NOTES: UPDATED CHART NOTE FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 13C (56F) OR ABOVE 54C (130F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -2C OR ABOVE 54C" - UPDATED CHARTING CRITERIA.
11. NOTES: DELETED CHART NOTES: "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MOBILE RGNL ALTIMETER SETTING AND INCREASE ALL DA 50 FT AND ALL MDA 60 FT, INCREASE LPV ALL CATS, LNAV/VNAV ALL CATS, LNAV CATS C AND D, AND CIRCLING CAT C VISIBILITY 1/4 MILE" AND "BARO VNAV AND VDP NA WHEN USING MOBILE RGNL ALTIMETER SETTING" - UPDATED AND MOVED TO BACK OF 8260-9 GENERAL REMARKS; FPT APPROVED.
12. ADDITIONAL FLIGHT DATA: UPDATED CHART FAS OBST FROM "181 TOWER 303934N/0880550W, ASC" TO "184 TOWER (01-051874) 304009N/0880605W" - UPDATED OBSTACLE EVALUATION.
13. ADDITIONAL FLIGHT DATA: UPDATED CHART 7:1 OBST FROM "238 BLDG-TWR 304029.00N/0880658.00W" TO "240 ANTENNA 304018N/0880657W" - UPDATED OBSTACLE EVALUATION.
14. ADDITIONAL FLIGHT DATA: UPDATED VDP DISTANCE FROM 0.95 TO 1.08 - UPDATED EVALUATION.
15. ADDITIONAL FLIGHT DATA: DELETED "CHART CIRCLING ICON" - NO LONGER REQUIRED.
16. DELETED ASTERISK FROM MIN ALT IN PROFILE LINE 4, VDP NOTE AND ASSOCIATED "" LNAV ONLY" NOTE IN ADDITIONAL FLIGHT DATA - UPDATED IAW 8260.19I, 1-1-5.F(12).
17. MINIMUMS: UPDATED LPV ALL CATS DA/HAT FROM "311/285" TO "308/282" - UPDATED EVALUATION.
18. MINIMUMS: UPDATED LNAV/VNAV ALL CATS DA/HAT FROM "334/308" TO "396/370" - UPDATED EVALUATION.
19. FAS DATA: UPDATE LTP LAT/LONG FROM "303759.0830N 0880447.7830W" TO "303759.0820N 0880447.7840W" - UPDATED RWY DATA/EVALUATION.
20. FAS DATA: UPDATE FPAP LAT/LONG FROM "303647.5130N 0880335.2080W" TO "303647.5115N 0880335.2060W" - UPDATED EVALUATION.
21. FAS DATA: UPDATED CRC REMAINDER FROM "AC64DF5D" TO "64F1BC9F" - FAS DATA CHANGED.

**COORDINATED WITH:**

**A4A** ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** MOBILE APP CON, BFM ATCT, AIRPORT MANAGER, ATCT

**FLIGHT CHECKED BY**

EDWARD W MESA

*Digitally signed by***JASON KRETSCHMER**

Dec 09, 2022

**OFFICE**

FPO

**DATE**

12/07/2022

**DEVELOPED BY**

PATRICK COMBS

*Digitally signed by***PATRICK W COMBS**

Oct 30, 2022

**OFFICE**

AJV-A421

**DATE**

10/14/2022

**APPROVED BY**

MARLON ROBINSON

*Digitally signed by***JASON KRETSCHMER**

Nov 21, 2022

**OFFICE**

AJV-A420

**DATE****TITLE**  
MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBFM
RUNWAY	RW14
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W14A
LTP/FTP LATITUDE	303759.0820N
LTP/FTP LONGITUDE	0880447.7840W
LTP/FTP ELLIPSOIDAL HEIGHT	-00205
FPAP LATITUDE	303647.5115N
FPAP LONGITUDE	0880335.2060W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	64F1BC9F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00080
FPAP ORTHOMETRIC HEIGHT	+00080

