

**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 32	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> MOBILE	<u>STATE</u> AL		
<u>AIRPORT ELEVATION</u> 26	<u>TDZE</u> 25	<u>SUPERSEDED</u> RNAV (GPS) RWY 32	<u>ORIGINAL/AMENDMENT</u> 2A	<u>DATED</u> 08/17/2017	<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. 230/30 CW 050/30	NOPT	230/8 CW 050/8		3100
2. 230/8 CW 050/8		ROKGO	IAF	1700
3. 050/30 CW 230/30		050/8 CW 230/8		3100
4. 050/8 CW 230/8		ROKGO	IAF	1700

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ROKGO	IF/IAF	LURDE		TF	FB	1.00	319.84	7.00	1700
LURDE	FAF	DEXOW/1.61 NM TO RW32		TF	FB	0.30	319.79	3.50	
DEXOW/1.61 NM TO RW32		RW32	MAP	TF	FO	0.30	319.79	1.61	
RW32	MAP	800 MSL		CA			319.79		800
800 MSL		WORIR		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW32

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 2000 DIRECT WORIR AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
20
CHECKED

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. HOLD SE ROKGO, RT, 319.84 INBOUND, 1700 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAF: 319.79 FAF: LURDE DIST FAF TO MAP: 5.11 DIST FAF TO THLD: 5.11

4. MIN ALT: ROKGO 1700, LURDE 1700, DEXOW/1.61 NM TO RW32 580

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 200 HAT: 0.47 GS ANT:

6. MIN GP INCPT: 1700 GP ALT AT PFAF : LURDE 1700 OM: MM: IM:

7. GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 54.9

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

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}).
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 4000, AND LNAV CATS C/D VISIBILITY TO RVR 5500.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 176.00 INBOUND.
CHART FAS OBST: 122 TREE (01-062914) 303636N/0880410W.
FAS OBST: 180 SHIPMAST 303458N/0880144W.
CHART VDP AT 0.91 NM TO RW32.
WAAS CHANNEL # 70304
REFERENCE PATH ID: W32A
LTP HAE: -22.7 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	225	1800	200	225	1800	200	225	1800	200	225	1800	200			
LNAV/VNAV DA	283	2400	258	283	2400	258	283	2400	258	283	2400	258			
LNAV MDA	380	2400	355	380	2400	355	380	3000	355	380	3000	355			
CIRCLING	680	1	654	680	1	654	680	1 3/4	654	1100	3	1074			



CHANGES - REASONS

1. INCORPORATED P-NOTAM AMENDMENT AMDT 2A.
2. TAA: UPDATED STEPDOWN DISTANCE FOR ALL SECTORS FROM 15 NM TO 8 NM - FPT/ATC REQUEST.
3. TERMINAL ROUTES: ADDED STD FIX DEXOW/1.61 NM TO RWY 32, 3.50 NM FROM LURDE - MATCHES ILS OR LOC TO SAME RWY AND LOWERS LNAV MDA 100 FT; APPROVED BY FPT.
4. PROFILE LINE 2: ADDED "MAX 6000" TO HOLDING PATTERN - UPDATED CHARTING CRITERIA.
5. PROFILE LINE 4: ADDED MIN ALT DEXOW/1.61 NM TO RWY 32 580 - SDF ADDED.
6. PROFILE LINE 7: ADDED 20:1 IS CLEAR AND UPDATED TCH FROM 55 TO 54.9 - NO 20:1 PENETRATIONS EXIST; TCH, TO MATCH ILS PROCEDURE DESIGN TCH.
7. PBN REQUIREMENTS NOTE: ADDED "RNP APCH - GPS" AND DELETED "DME/DME RNP-0.3 NA" FROM NOTES - UPDATED CHARTING CRITERIA.
8. 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.
9. NOTES: DELETED CHART NOTES: "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MOBILE RGNL ALTIMETER SETTING AND INCREASE ALL DA 50 FT AND MDA 60 FT AND INCREASE LNAV CAT C/D VISIBILITY TO RVR 5500, AND INCREASE 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.
10. NOTES: ADDED CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 4000, AND LNAV CATS C/D VISIBILITY TO RVR 5500 - UPDATED EVALUATION.
11. ADDITIONAL FLIGHT DATA: UPDATED CHART FAS OBST FROM "106 TREE 303637N/0880354W" TO "122 TREE (01-062914) 303636N/0880410W" - UPDATED OBSTACLE EVALUATION.
12. ADDITIONAL FLIGHT DATA: UPDATED NOTE FROM "CHART VDP AT 1.27" TO "CHART VDP AT 0.91" - UPDATED OBSTACLE EVALUATION.
13. UPDATED LTP HAE: FROM -22.8 TO -22.7 - UPDATED AIRPORT/RUNWAY DATA.
14. MINIMUMS: UPDATED LNAV MDA/HAT FROM "480/455" TO "380/355" AND CATS C/D VIS FROM RVR 5000 TO RVR 3000 - NEW STEPDOWN FIX ACHIEVED LOWER MDA; RVR VALUES UPDATED IAW 8260.3 TABLE 3-3-1.
15. FAS DATA: UPDATED LTP LAT/LONG AND ELLIPSOIDAL HEIGHT FROM "303647.5130N 0880335.2080W AND -00228" TO "303647.5135N 0880335.2080W AND -00227" - UPDATED RUNWAY DATA AND EVALUATION.
16. FAS DATA: UPDATED FPAP LAT/LONG FROM "303759.0830N 0880447.7830W" TO "303759.0840N 0880447.7860W" - UPDATED EVALUATION.
17. FAS DATA: UPDATED CRC REMAINDER FROM "73B28AC3" TO "1BD9C56C" - FAS DATA CHANGED.
18. 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).

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****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**
MANAGERQUALITY
20
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBFM
RUNWAY	RW32
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W32A
LTP/FTP LATITUDE	303647.5135N
LTP/FTP LONGITUDE	0880335.2080W
LTP/FTP ELLIPSOIDAL HEIGHT	-00227
FPAP LATITUDE	303759.0840N
FPAP LONGITUDE	0880447.7860W
THRESHOLD CROSSING HEIGHT (TCH)	00054.9
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)	35.0
CRC REMAINDER	1BD9C56C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00057
FPAP ORTHOMETRIC HEIGHT	+00057

