

**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 36	<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SUPERSEDED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 36	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 11/13/2014	<u>MAG VAR</u> 1W
<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>	<u>EPOCH YEAR</u> 2005

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 271/30 CW 091/30	NOPT	POCIP	IF/IAF	2000
2. 091/30 CW 271/30		091/10 CW 271/10		3100
3. 091/10 CW 271/10		POCIP	IF/IAF	2000

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
POCIP	IF/IAF	KUBEC		TF	FB	1.00	000.97	7.00	1800
KUBEC	FAF	OJMEM/2.97 NM TO RW36		TF	FB	0.30	000.97	2.45	
OJMEM/2.97 NM TO RW36		RW36	MAP	TF	FO	0.30	000.97	2.97	
RW36	MAP	304 MSL		CA			000.97		
304 MSL		WORIR		DF	FO	1.00			2300

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW36

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2300 DIRECT WORIR AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

- 1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
- 2. HOLD S POCIP, RT, 000.97 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 6000.
- 3. **FAC:** 000.97 **FAF:** KUBEC **DIST FAF TO MAP:** 5.42 **DIST FAF TO THLD:** 5.42
- 4. **MIN ALT:** POCIP 2000, KUBEC 1800, OJMEM/2.97 NM TO RW36 1020
- 5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **278 HAT:** 0.72 **GS ANT:**
- 6. **MIN GP INCPT:** 1800 **GP ALT AT PFAF:** KUBEC 1800 **OM:** **MM:** **IM:**
- 7. **GP ANGLE:** 3.00 **34:1:** IS NOT CLEAR **20:1:** IS CLEAR **TCH:** 50.0
- 8. **MSA FROM:**

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 36 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 N, RT, 176.00 INBOUND.
 CHART FAS OBST: 183 TOWER (01-003161) 303619N/0880437W.
 CHART VDP AT 1.11 NM TO RW36.
 WAAS CHANNEL # 56511
 REFERENCE PATH ID: W36A
 LTP HAE: -20.8 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		
	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	304	1	278	304	1	278	304	1	278	304	1	278			
LNAV/VNAV DA	364	1	338	364	1	338	364	1	338	364	1	338			
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. TAA: UPDATED STEPDOWN DISTANCE FOR SECTOR 091 CW 271 FROM 15 NM TO 10 NM - FPT/ATC REQUEST.
2. TERMINAL ROUTES: ZERDA TO OJMEM DISTANCE UPDATED FROM 2.42 TO 2.45 - FIX'S MOVED DUE TO NEW LTP SURVEY DATA.
3. TERMINAL ROUTES/PROFILE LINE 4: UPDATED STD FIX FROM "OJMEM/3.00 NM TO RWY 18" TO "OJMEM/2.97 NM TO RWY 36" - FIX MOVED DUE TO NEW LTP SURVEY DATA.
4. TERMINAL ROUTES: UPDATED CA LEG ALT FROM 307 TO 304 AND TERMINATION ALT FROM 2100 TO 2300 - UPDATED EVALUATION/LPV DA; NEW MA ALT PER FPT/ATC.
5. MISSED APPROACH INSTRUCTIONS: UPDATED TERMINATION ALT FROM 2100 TO 2300 - PER FPT/ATC REQUEST.
6. PROFILE LINE 2: ADDED "MAX 6000" TO HOLDING PATTERN - UPDATED CHARTING CRITERIA.
7. PROFILE LINE 5: ADDED "278 HAT: 0.72" - UPDATED EVALUATION WITH NEW FIX LOCATIONS/CHARTING CRITERIA.
8. PROFILE LINE 7: ADDED 20:1 IS CLEAR - NO PENETRATIONS EXIST.
9. PBN REQUIREMENTS NOTE: ADDED "RNP APCH - GPS" AND DELETED "DME/DME RNP-0.3 NA" FROM NOTES - UPDATED CHARTING CRITERIA.
10. NOTES: UPDATED CHART NOTE FROM "HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" TO "RWY 36 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - UPDATED CHARTING CRITERIA.
11. 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.
12. 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 LPV VISIBILITY ALL CATS 1/4 MILE, INCREASE LNAV/VNAV VISIBILITY ALL CATS 1/8 MILE, INCREASE LNAV CAT C/D VISIBILITY 1/4 MILE, 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.
13. ADDITIONAL FLIGHT DATA: DELETED "CHART CIRCLING ICON" - NO LONGER REQUIRED.
14. ADDITIONAL FLIGHT DATA: UPDATED VDP DISTANCE FROM "1.14" TO "1.11"
15. UPDATED LTP HAE: FROM -20.9 TO -20.8 - UPDATED RUNWAY SURVEY DATA.
16. MINIMUMS: UPDATED LPV DA, VIS, HAT FROM "308, 7/8, 282" TO "304, 1, 278" - UPDATED OBST EVALUATION.
17. MINIMUMS: UPDATED LNAV/VNAV DA, VIS, HAT FROM "470, 1 1/2, 444" TO "364, 1, 338" - UPDATED OBST EVALUATION.
18. FAS DATA: UPDATE LTP LONG AND ELLIPSOIDAL HEIGHT FROM "0880357.2505W AND -00209" TO "0880357.2555W AND -00208" - UPDATED RUNWAY DATA AND EVALUATION.
19. FAS DATA: UPDATE FPAP LONG FROM "0880357.3060W" TO "0880357.3075W" - UPDATED EVALUATION.
20. FAS DATA: UPDATED CRC REMAINDER FROM "A5B29F0B" TO "C9E93E72" - FAS DATA CHANGED.
21. DELETED ASTERISK FROM MIN ALT IN PROFILE LINE 4, VDP NOTE AND ASSOCIATED "*" LNAV ONLY" NOTE IN ADDITIONAL FLIGHT DATA - UPDATED IAW 8260.191, 1-1-5.F(12).

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** MOBILE APP CON, AIRPORT MGR, 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	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	303713.9735N
LTP/FTP LONGITUDE	0880357.2555W
LTP/FTP ELLIPSOIDAL HEIGHT	-00208
FPAP LATITUDE	303843.2795N
FPAP LONGITUDE	0880357.3075W
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	0376
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	C9E93E72

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00076
FPAP ORTHOMETRIC HEIGHT	+00076

