

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> JEF	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 12	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> JEFFERSON CITY	<u>STATE</u> MO
<u>AIRPORT ELEVATION</u> 549	<u>TDZE</u> 548	<u>SUPERSEDED</u> RNAV (GPS) RWY 12	<u>ORIGINAL/AMENDMENT</u> 1C	<u>DATED</u> 10/31/2024
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 25 DECEMBER 2025	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 1W
				<u>EPOCH YEAR</u> 2025
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
MIZZU	IAF	EEELS	NOPT	TF	FB	1.00	043.16	4.00	3500
EEELS		JAKBO		TF	FB	1.00	043.19	5.04	3000
JAKBO	IF/IAF	BOXRR		TF	FB	1.00	123.37	6.52	2400
BOXRR	FAF	RW12	MAP	TF	FO	0.30	123.46	4.86	
RW12	MAP	874 MSL		CA			123.46		
874 MSL		FATPI		DF	FO	1.00			2800

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW12

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2800 DIRECT FATPI AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)
2. HOLD NW JAKBO, RT, 123.37 INBOUND, 3000 IN LIEU OF PT (IAF), MAX 6000.

DIST FAF TO MAP: 4.86

DIST FAF TO THLD: 4.86
3. FAC: 123.46

FAF: BOXRR
4. MIN ALT: JAKBO 3000, BOXRR 2400

150 HAT:

326 HAT: 0.76

GS ANT:
5. DIST TO THLD FROM OM:

MM:

IM:
6. MIN GP INCPT: 2400

GP ALT AT PFAF: BOXRR 2400

OM:

MM:

IM:
7. GP ANGLE: 3.50

34:1: IS NOT CLEAR

20:1: IS CLEAR

TCH: 45.0
8. MSA FROM: RW12 3100



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 48°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: RWY 12 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: CIRCLING RWY 9 NA AT NIGHT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MIZZU ON V63 SOUTHWEST BOUND.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 303.64 INBOUND.
FAS OBST: 909 AAO 383721N/0921433W.
CHART VDP AT 1.47 NM TO RW12.
WAAS CHANNEL # 49005
REFERENCE PATH ID: W12A
LTP HAE: 134.4 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 800-2 1/4, 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	874	1	326	874	1	326	874	1	326	874	1	326			
LNAV/VNAV DA	964	1 1/8	416	964	1 1/8	416	964	1 1/8	416	964	1 1/8	416			
LNAV MDA	1160	1	612	1160	1	612	1160	1 3/4	612	1160	1 3/4	612			
CIRCLING	1240	1	691	1240	1	691	1320	2 1/4	771	1560	3	1011			



CHANGES - REASONS

1. TERMINAL ROUTES: CHANGED FROM “GIBSN TO JAKBO” TO “MIZZU TO EEELS” AND COURSE/DISTANCE/ALTITUDE FROM “123.36/2.12/3000” TO “043.16/4.00/3500” – NEW IAF AND IAF STEPDOWN PER FPT REQUEST IAW 8260.19J.
2. TERMINAL ROUTES: ADDED “EEELS TO JAKBO” AND LEG TYPE/FO/FB/RNP “TF/FB/1.00” AND COURSE/DISTANCE/ALTITUDE “043.19/5.04/3000” – NEW IAF STEPDOWN PER FPT REQUEST IAW 8260.19J.
3. TERMINAL ROUTES: CHANGED FROM “JAKBO TO IBUYI” TO “JAKBO TO BOXRR” AND COURSE/DISTANCE/ALTITUDE FROM “123.38/6.10/2300” TO “123.37/6.52/2400” – NEW PFAF PER FPT REQUEST IAW 8260.19J.
4. TERMINAL ROUTES: ADDED “BOXRR TO RW12” AND ALL ASSOCIATED DATA – NEW PFAF AND UPDATED CRITERIA REQUIRES LEG TO BE DOCUMENTED IAW 8260.19J.
5. TERMINAL ROUTES: ADDED “RW12 TO 874 MSL” AND ALL ASSOCIATED DATA – UPDATED CRITERIA REQUIRES LEG TO BE DOCUMENTED IAW 8260.19J.
6. TERMINAL ROUTES: ADDED “874 MSL TO FATPI” AND ALL ASSOCIATED DATA – UPDATED CRITERIA REQUIRES LEG TO BE DOCUMENTED IAW 8260.19J.
7. PROFILE LINE 2: CHANGED FROM “HOLD NW JAKBO, RT, 119.38 INBOUND, 3000 FT. IN LIEU OF PT (IAF)” TO “HOLD NW JAKBO, RT, 123.37 INBOUND, 3000 IN LIEU OF PT (IAF), MAX 6000.” – KJEF APT MAG VAR CHANGED AND UPDATED CRITERIA IAW 8260.19J.
8. PROFILE LINE 3: CHANGED FAC FROM “123.45” TO “123.46” – NEW PFAF PER FPT IAW 8260.19J.
9. PROFILE LINE 3: CHANGED FAF FROM “IBUYI” TO “BOXRR” – NEW PFAF PER FPT IAW 8260.19J.
10. PROFILE LINE 3: DIST FAF TO MAP AND DIST PFAF TO THLD CHANGED FROM “5.29” TO “4.86” – NEW PFAF PER FPT IAW 8260.19J.
11. PROFILE LINE 4: CHANGED FROM “JAKBO 3000, IBUYI 2300” TO “JAKBO 3000, BOXRR 2400” – NEW PFAF PER FPT IAW 8260.19J.
12. PROFILE LINE 5: CHANGED “403 HAT: 1.12” TO “326 HAT: 0.76” – LPV MINS LOWERED.
13. PROFILE LINE 6: CHANGED MIN GP INCPT FROM “2300” TO “2400” AND GP ALT AT PFAF FROM “IBUYI” TO “BOXRR 2400” – NEW PFAF AND MINIMUM ALTITUDE IAW 8260.19J.
14. PROFILE LINE 7: GP ANGLE CHANGED FROM “3.00” TO “3.50” – NEW PFAF LOCATION IAW 8260.19J.
15. NOTES: REMOVED “BARO-VNAV AND VDP NA WHEN USING COU ALTIMETER SETTING.” - NOTE WAS UPDATED AND ADDED TO PART C: GENERAL REMARKS IAW 8260.19J.
16. NOTES: REMOVED “CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE COLUMBIA RGNL ALTIMETER SETTING AND INCREASE ALL DA/MDA 80 FEET; AND INCREASE LPV ALL CATS VISIBILITY ¼ MILE, LNAV/VNAV CATS C AND D VISIBILITY ½ MILE, LNAV CATS B, C AND D VISIBILITY ¼ MILE AND CIRCLING CATS C AND D VISIBILITY ¼ MILE” - NOTE WAS UPDATED AND ADDED TO PART C: GENERAL REMARKS IAW 8260.19J.
17. NOTES: REMOVED “CHART PLANVIEW AND PROFILE NOTE: LNAV/VNAV: FLY VISUAL TO AIRPORT, 119 – 2.2 MILES WHEN USING COLUMBIA RGNL ALTIMETER SETTING FLY VISUAL TO AIRPORT, 119 – 2.4 MILES” - NO AFS APPROVAL FOR THE CURRENT NOTE AND DOES NOT MEET CRITERIA IAW 8260.3G.
18. NOTES: ADDED “CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MIZZU ON V63 SOUTHWEST BOUND” – TURN EXCEEDS 90 DEGREES IAW 8260.3G.
19. ADDITIONAL FLIGHT DATA: REMOVED “CHART FAS OBST: 919 TREE 383659N/0921022W” – NOT IDENTIFIED AS FAS OBST IN NEW EVALUATION.
20. ADDITIONAL FLIGHT DATA: CHANGED FROM “FAS OBST: 1079 AAO 383852N/0921318W” TO “FAS OBST: 909 AAO 383721N/0921433W” - NEW CONTROLLING OBSTACLE.
21. ADDITIONAL FLIGHT DATA: CHANGED “CHART VDP AT 1.77 MILES TO RW12**LNAV ONLY” TO “CHART VDP AT 1.47 NM TO RW12” - IAW 8260.3E FORMULA 2-6-5.
22. MINIMUMS: LPV DA/HAT ALL CATS CHANGED FROM “951/403” TO “874/326” AND VIS ALL CATS FROM “1 1/8” TO “1” – NEW CONTROLLING OBSTACLE.
23. MINIMUMS: LNAV/VNAV DA/HAT ALL CATS CHANGED FROM “1284/736” TO “964/416” AND VIS ALL CATS FROM “2” TO “1 1/8” – NEW CONTROLLING OBSTACLE.
24. MINIMUMS: LNAV MDA/HAT ALL CATS CHANGED FROM “1260/712” TO “1160/612” AND VIS CAT C AND D FROM “2” TO “1 3/4” – NEW CONTROLLING OBSTACLE.
25. MINIMUMS: CIRCLING MDA/HAA CATS A AND B CHANGED FROM “1280/731” TO “1240/691” – NEW CONTROLLING OBSTACLES.
26. FAS DATA BLOCK INFORMATION: GLIDEPATH ANGLE (GPA) CHANGED FROM “03.00” TO “03.50” - NEW PFAF LOCATION.
27. FAS DATA BLOCK INFORMATION: LTP/FTP LATITUDE AND LONGITUDE CHANGED FROM “383544.6400N/0920949.8400W” TO “383544.6475N/0920949.8405W” – UPDATED AIRNAV AND NEW TARGETS EVAL.
28. FAS DATA BLOCK INFORMATION: FPAP LATITUDE AND LONGITUDE CHANGED FROM “383456.6900N/0920814.0200W” TO “383456.6895N/0920814.0285W” – UPDATED AIRNAV AND NEW TARGETS EVAL.
29. FAS DATA BLOCK INFORMATION: CRC REMAINDER CHANGED FROM “C8976383” TO “0F9E309E” – RESULT OF CHANGE IN GPA.

COORDINATED WITH:

A4A

ALPA

☒

AOPA

☒

APA

HAI

NBAA

☒

OTHER: ZKC, MIZZU APP CON, AMGR.

FLIGHT CHECKED BY

Digitally signed by

OFFICE

DATE

CRAIG LARSON

ROBERT G HAMILTON

AJF

10/16/2025

Oct 20, 2025

DEVELOPED BY

Digitally signed by

OFFICE

DATE

RAKE MCGRAW (CODY J. GIVEN)

ROBERT G HAMILTON

AJV-A431

07/02/2025

Oct 20, 2025

APPROVED BY

Digitally signed by

OFFICE

DATE

TITLE

RAKE MCGRAW

ROBERT G HAMILTON

AJV-A422

11/27/2025

MANAGER

Oct 20, 2025



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KJEF
RUNWAY	RW12
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W12A
LTP/FTP LATITUDE	383544.6475N
LTP/FTP LONGITUDE	0920949.8405W
LTP/FTP ELLIPSOIDAL HEIGHT	+01344
FPAP LATITUDE	383456.6895N
FPAP LONGITUDE	0920814.0285W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.50
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	0F9E309E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+01668
FPAP ORTHOMETRIC HEIGHT	+01668

