

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SUPERSEDED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>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 1W
				<u>EPOCH YEAR</u> 2025
				<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>
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.
3. FAC: 123.46 FAF: BOXRR DIST FAF TO MAP: 4.86 DIST FAF TO THLD: 4.86
4. MIN ALT: JAKBO 3000, BOXRR 2400
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 326 HAT: 0.76 GS ANT: MM: IM:
6. MIN GP INCPT: 2400 GP ALT AT PFAF: BOXRR 2400
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

CRAIG LARSON

Digitally signed by

ROBERT G HAMILTON

Oct 20, 2025

OFFICE

AJF

DATE

10/16/2025

DEVELOPED BY

RAKE MCGRAW (CODY J. GIVEN)

Digitally signed by

ROBERT G HAMILTON

Oct 20, 2025

OFFICE

AJV-A431

DATE

07/02/2025

APPROVED BY

RAKE MCGRAW

Digitally signed by

ROBERT G HAMILTON

Oct 20, 2025

OFFICE

AJV-A422

DATE

11/27/2025

TITLE

MANAGER



AIRPORT ID
JEF

PROCEDURE NAME
RNAV (GPS) RWY 12

ORIGINAL/AMENDMENT
2

CITY
JEFFERSON CITY

STATE
MO

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
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
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ADDITIONAL PATH POINT RECORD INFORMATION

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



FEDERAL AVIATION ADMINISTRATION FLIGHT STANDARDS SERVICE STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
JEF	RNAV (GPS) RWY 12	2	JEFFERSON CITY	MO	549	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM MIZZU TO EEELS

RNP 1.00 DISTANCE 4.00 PAT MAP HAT HMAS

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (29-001464)	383815.73N/0922935.13W	2037	250	50	4D	1000				AT463	3500
TERRAIN	383651.00N/0923057.00W	908 (900)								AS1500	2400

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL: STEPDOWN

FROM EEELS TO JAKBO

RNP 1.00 DISTANCE 5.04 PAT MAP HAT HMAS

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (29-020082)	383711.41N/0922502.57W	1122	500	125	5E	1000				AT878	3000
TERRAIN	383727.00N/0922503.00W	869 (900)								AS1500	2400

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

QUALITY
6
CHECKED

INTERMEDIATE

FROM

JAKBO (IF/IAF)

TO

BOXRR

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
1.00	6.52										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	383812.00N/0922006.00W	1073	215	8	4B	500					1600
TERRAIN	383815.00N/0922015.00W	872 (900)								AS1500	2400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LPV

FROM

BOXRR

TO

RW12

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	4.86		DA		326						
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE (29-058396)	383604.19N/0921020.05W	642	20	3	1A		29.14:1			MA56	874

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV/VNAV

FROM

BOXRR

TO

RW12

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
0.30	4.86		DA	416	

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE (29-057863)	383614.12N/0920915.73W	822	20	3	1A	161				SA-46 MA27	964

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

BOXRR

TO

RW12

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
0.30	4.86		RW12	612	

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	383721.00N/0921433.00W	909	215	8	4B	250					1160

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

HOLD-IN-LIEU OF PT

FROM

JAKBO

TO

P-5

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u> P-5	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (29-000467)	384632.10N/0923324.90W	1918	250	50	4D	1000					3000
TERRAIN	384551.00N/0922942.00W	902 (900)								AS1500	2400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LPV

FROM

DA

TO

FATPI

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 640			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE (29-058396)	383604.19N/0921020.05W	642	20	3	1A		ASC				2800
TOWER (29-001592)	383006.58N/0915559.10W	1125	50	20	2C	1000					2200
TERRAIN	383606.00N/0920842.00W	869 (900)								AS1500	2400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LNAV/VNAV

FROM

DA

TO

FATPI

RNP 0.30-1.00	DISTANCE	PAT	MAP		HAT		HMAS 803				
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (29-059631)	383605.01N/0920839.92W	929	20	3	1A		ASC				2800
TOWER (29-001592)	383006.58N/0915559.10W	1125	50	20	2C	1000					2200
TERRAIN	383606.00N/0920842.00W	869 (900)								AS1500	2400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM

RW12

TO

FATPI

RNP 0.30-1.00	DISTANCE	PAT	MAP		HAT		HMAS 1060				
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2800
TOWER (29-001592)	383006.58N/0915559.10W	1125	50	20	2C	1000					2200
TERRAIN	383606.00N/0920842.00W	869 (900)								AS1500	2400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

AIRPORT ID

JEF

PROCEDURE NAME

RNAV (GPS) RWY 12

AMDT NO.

2

CITY

JEFFERSON CITY

STATE

MO

AIRPORT ELEVATION

549

FACILITY

RNAV

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☒ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
TREE (29-060266)	383605.14N/0920839.08W	1.30	691	930	20	3	1A	300			1240
CATEGORY B											
TREE (29-059134)	383722.61N/0921019.41W	1.82	691	934	20	10	1B	300			1240
CATEGORY C											
ANTENNA (29-058536)	383349.72N/0921120.99W	2.87	771	1014	20	10	1B	300			1320
CATEGORY D											
TOWER (29-000410)	383306.00N/0921249.00W	3.75	1011	1200	250	50	4D	300		AC50	1560

CIRCLING REMARKS:

MSA

CENTER

RW12

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (29-001464)	383815.73N/0922935.13W	280	15.7	2037	250	50	4D	1000			3100

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZKC ARTCC, MIZZU APP CON, COU FSS

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	JEF	24	JEF		Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	COU	24	COU	13.92	Y	80

WX REMARKS:

RASS PRESSURE PATTERNS NOT THE SAME
HIGH TERRAIN 549, LOW TERRAIN 893
RA = 80.0.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
APPROACH AND RUNWAY LIGHTING SYSTEM		RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW09 - MIRL, REIL (PCL), PAPI-4L		BSC-G	
RW27 - MIRL, REIL (PCL), PAPI-4L		BSC-G	
RW12 - HIRL (PCL), REIL (PCL), VASI-4L		PIR-G	
RW30 - MALSR (PCL), HIRL (PCL), VASI-4L		PIR-G	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
3.50	547.2	45.0			3.50	64.0

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	☒	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	☒	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
-16C	+48C	-16C	+13.91C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 1123 HIGH TEMP 1269.

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	CIRCLING RW09		
20:1			
571 BUILDING (29-022609) 383530.05N/0920958.33W (4.73)			
FINAL TYPE	LPV, LNAV/VNAV, LNAV		

QUALITY
6
CHECKED



<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
JEF	RNAV (GPS) RWY 12	2	JEFFERSON CITY	MO	549	RNAV
34:1						
631 TREE (29-049789) 383552.47N/0921015.13W (27.38)			642 TREE (29-027483) 383604.14N/0921019.73W (10.66)			
642 TREE (29-058396) 383604.19N/0921020.05W (9.95)			681 TREE (29-027110) 383612.84N/0921033.04W (9.54)			
613 TREE (29-027480) 383553.48N/0921015.50W (7.04)			563 NAVAID (29-022599) 383546.12N/0920957.85W (3.56)			
580 POLE (29-022633) 383553.83N/0921000.52W (2.97)			558 NAVAID (29-022598) 383547.35N/0920955.25W (1.71)			
586 TRANSMISSION_LINE (29-022602) 383549.83N/0921008.15W (0.35)			586 POLE (29-029759) 383549.83N/0921008.15W (0.35)			
<u>PENETRATIONS REMARKS:</u>						

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VEGETATION 100 FT PER FPT.

FOR CONTINGENCY PURPOSES:
WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE COU ALTIMETER SETTING: INCREASE LPV DA TO 954 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE LNAV/VNAV DA TO 1044 FEET AND ALL VISIBILITIES 1/4 SM; INCREASE ALL MDAS 80 FEET AND LNAV VISIBILITY CAT C/D 1/4 SM AND CIRCLING VISIBILITY CAT C 1/4 SM.

BARO-VNAV AND VDP NA WHEN USING COU ALTIMETER SETTING.

ORDER 8260.3 CHAPTER 2 APPLIED TO 1057 AAO 383948.00N/0921418.00W.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	2.98
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	122.46
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	700
DISTANCE FROM	THLD	TO 1500FT POINT	4.46
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.76
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	122.46
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	700

THRESHOLD COORDINATES (IF STR-IN)	383544.65N/0920949.84W
ARP COORDINATES	383528.23N/0920922.12W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 30 DISTANCE 0.54 NM
FAF COORDINATES	383835.12N/0921531.20W
FIX NAME COORDINATES	

REMARKS

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
RAKE MCGRAW (CODY J. GIVEN)	AJV-A431	07/02/2025	AERONAUTICAL INFORMATION SPECIALIST