

**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.

AIRPORT ID JEF	PROCEDURE NAME RNAV (GPS) RWY 12	ORIGINAL/AMENDMENT 1C	CITY JEFFERSON CITY	STATE MO		
AIRPORT ELEVATION 549	TDZE 548	SUPERSEDED RNAV (GPS) RWY 12	ORIGINAL/AMENDMENT 1B	DATED 04/23/2020	MAG VAR 1W	EPOCH YEAR 2025
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE ROUTINE	CANCEL/SUSPEND		

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
GIBSN	IAF	JAKBO	NOPT	TF	FB	1.00	123.36	2.12	3000
JAKBO	IF/IAF	IBUYI		TF	FB	1.00	123.38	6.10	2300
IBUYI	FAF	RW12	MAP	TF	FO	0.30	123.45	5.29	
RW12	MAP	949 MSL		CA			123.45		
949 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, 123.38 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.						
3. FAC: 123.45	FAF: IBUYI		DIST FAF TO MAP: 5.29	DIST FAF TO THLD: 5.29		
4. MIN ALT: JAKBO 3000, IBUYI 2300						
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	403 HAT: 1.12	GS ANT:	
6. MIN GP INCPT: 2300	GP ALT AT PFAF: IBUYI			OM:	MM:	IM:
7. GP ANGLE: 3.00	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 54°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 NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE COU ALTIMETER SETTING AND INCREASE LPV DA TO 1031 FEET AND ALL VISIBILITIES 1/4 SM. INCREASE LNAV/VNAV DA TO 1364 FEET AND ALL VISIBILITIES 1/2 SM. INCREASE ALL MDAS 80 FEET AND LNAV VISIBILITY CAT B/C/D 1/2 SM, AND CIRCLING VISIBILITY CAT A/B/C 1/4 SM.

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

CHART PLANVIEW AND PROFILE NOTE: LNAV/VNAV: FLY VISUAL TO AIRPORT, 119 • 2.2 MILES. WHEN USING COU ALTIMETER SETTING FLY VISUAL TO AIRPORT, 119 • 2.4 MILES.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 303.64 INBOUND.

CHART FAS OBST: 919 TREE 383659N/0921022W.

FAS OBST: 1079 AAO 383852N/0921318W.

CHART VDP AT 1.77 NM TO RW12.

WAAS CHANNEL # 49005

REFERENCE PATH ID: W12A

CHART CIRCLING ICON.

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	951	1 1/8	403	951	1 1/8	403	951	1 1/8	403	951	1 1/8	403			
LNAV/VNAV DA	1284	2	736	1284	2	736	1284	2	736	1284	2 1/4	736			
LNAV MDA	1260	1	712	1260	1	712	1260	2	712	1260	2	712			
CIRCLING	1280	1	731	1280	1	731	1320	2 1/4	771	1560	3	1011			



CHANGES - REASONS

1. DELETED NOTE DME/DME RNP - 0.3 NA - NO LONGER REQUIRED
2. ADDED RNP APCH - GPS TO PBN EQUIPMENT REQUIREMENTS - IAW 8260.19I PARA 8-6-8B(2)
3. REMOVED FAHRENHEIT VALUES FROM BARO-VNAV NOTE - IAW 8260.19I PARA 8-6-9R
4. ADDED 20:1 IS CLEAR - SURFACE IS FREE OF PENETRATIONS
5. CHANGED NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED TO RWY 12 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED - IAW 8260.19I PARA 8-6-11K(3)
6. CHANGED 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 TO CHART PLANVIEW AND PROFILE NOTE: LNAV/VNAV: FLY VISUAL TO AIRPORT, 123 - 2.2 MILES. WHEN USING COU ALTIMETER SETTING FLY VISUAL TO AIRPORT, 123 - 2.4 MILES - MAGVAR CHANGED FROM 3E TO 1W
7. UPDATED ALL COURSES 4 DEGREES - APT MAGVAR CHANGED FROM 3E TO 1W
8. REMOVED NOTE: *LNAV ONLY AND ASTERISK FROM VDP 1.8 NM TO RW12 - NO LONGER REQUIRED
9. CHANGED PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT TO PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}) - IAW 8260.19L PARA 8-6-9M(1)
10. LOWERED LPV VIS FROM 1 1/2 TO 1 1/8 AND LNAV CAT D VIS FROM 2 1/4 TO 2 - UPDATED TO CURRENT VISIBILITY CRITERIA
11. ADDED NOTE BARO-VNAV AND VDP NA WHEN USING COU ALTIMETER SETTING - IAW 8260.19J PARA 8-6-10E8
12. ADDED NOTE CIRCLING RWY 9 NA AT NIGHT - RWY 9 20:1 SURFACE PENETRATED
13. RAISED INTERMEDIATE RNP FROM .5 TO 1 - UPDATED OT CURRENT RNP CRITERIA
14. CHANGED THE BACKUP ALT NOTE FROM WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE COLUMBIA RGNL ALTIMETER SETTING AND INCREASE ALL DA/MDA 80 FEET; AND INCREASE LPV ALL CATS VISIBILITY 1/4 SM, LNAV/VNAV CATS C AND D VISIBILITY 1/2 SM, LNAV CATS B, C AND D VISIBILITY 1/4 SM AND CIRCLING CATS A, B AND C VISIBILITY TO WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE COU ALTIMETER SETTING AND INCREASE LPV DA TO 1031 FEET AND ALL VISIBILITIES 1/4 SM. INCREASE LNAV/VNAV DA TO 1364 FEET AND ALL VISIBILITIES 1/2 SM. INCREASE ALL MDAS 80 FEET AND LNAV VISIBILITY CAT B/C/D 1/2 SM, AND CIRCLING VISIBILITY CAT A/B/C 1/4 SM - UPDATED VISIBILITIES
15. ADDED CA LEG TO TERMINAL ROUTES - REQUIRED FOR RNAV MISSED APPROACH
16. CHANGED LINE 5 404 HAT: 1.13 TO 403 HAT: 1.12 - MORE PRECISE AUTOMATION ROUNDING
17. LOWERED CAT A/B CIRCLING MDA/HAA FROM 1320/771 TO 1280/731 AND REDUCED VIS CAT B FROM 1 1/4 TO 1 - NEW CONTROLLING OBSTACLE

COORDINATED WITH:

A4A ☐

ALPA ☒

AOPA ☒

APA ☐

HAI ☐

NBAA ☒

OTHER: ZKC, MIZZU APP CON, AMGR

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

OFFICE

Digitally signed by

CASEY D HILL

Aug 27, 2024

DATE

DEVELOPED BY

ROSE BOONE-WALT

Digitally signed by

CASEY D HILL

Aug 27, 2024

OFFICE

AJV-A421

DATE

12/13/2023

APPROVED BY

DAVID DANNER

Digitally signed by

ROSE BOONE-WALT

Jul 31, 2024

OFFICE

AJV-A421

DATE

TITLE

MANAGER



AIRPORT ID
JEF

PROCEDURE NAME
RNAV (GPS) RWY 12

ORIGINAL/AMENDMENT
1C

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	383544.6400N
LTP/FTP LONGITUDE	0920949.8400W
LTP/FTP ELLIPSOIDAL HEIGHT	+01344
FPAP LATITUDE	383456.6900N
FPAP LONGITUDE	0920814.0200W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER	C8976383
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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	1C	JEFFERSON CITY	MO	549	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM GIBSN **TO** JAKBO

RNP 1.00 DISTANCE 2.12 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>
AAO	384551.00N/0922036.00W	1057	164	98	4E	1000				DG943	3000
TERRAIN	384551.00N/0922036.00W	857 (900)								AS1500	2400

COMPUTATIONS

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

SEGMENT REMARKS:

INTERMEDIATE

FROM JAKBO (IF/IAF) **TO** IBUYI

RNP 1.00 DISTANCE 6.10 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 (29-001272)	384551.00N/0921852.00W	1420	500	125	5E	500				AC125 SA-159	1900
TERRAIN	384503.00N/0921900.00W	847 (800)								AS1500	2300

COMPUTATIONS

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

SEGMENT REMARKS:



FINAL: LPV

FROM

IBUYI

TO

RW12

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	5.29		DA				403				
<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 (KJEFT004)	383612.84N/0921033.04W	681	50	20	2C		27.03:1			AC20	951

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV/VNAV

FROM

IBUYI

TO

RW12

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	5.29		DA				736				
<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	383659.42N/0921022.33W	919	50	20	2C		23.4:1			AC20 MA206	1284

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

IBUYI

TO

RW12

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	5.29		RW12				712				
<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	383852.28N/0921317.82W	1079	50	20	2C	250				SA-75	1260

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)	384632.00N/0923325.00W	1906	100	20	3C	1000					3000
TERRAIN	384603.00N/0922842.00W	886 (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> 701			
<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>
							ASC				2800
AAO	383235.41N/0915742.98W	1099	50	20	2C	1000					2100
TERRAIN	383604.00N/0920841.00W	899 (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

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u> 930				
<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	383722.00N/0921024.00W	979	50	20	2C		ASC				2800
AAO	383235.41N/0915742.98W	1099	50	20	2C	1000					2100
TERRAIN	383604.00N/0920841.00W	899 (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

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u> 1010				
<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>
							ASC				2800
AAO	383235.41N/0915742.98W	1099	50	20	2C	1000					2100
TERRAIN	383604.00N/0920841.00W	899 (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.

1C

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	383606.00N/0820842.00W	1.30	731	970	215	8	4B	300			1280
CATEGORY B											
TREE	383606.00N/0820842.00W	1.82	731	970	215	8	4B	300			1280
CATEGORY C											
TREE	383604.20N/0920839.84W	2.87	771	1019	50	20	2C	300			1320
CATEGORY D											
TOWER (29-000410)	383306.00N/0921249.00W	3.75	1011	1200	250	50	4D	300		AC50	1560

CIRCLING REMARKS:
CAT A/B OBSTACLES UPDATED TO MATCH ILS OR LOC RWY 30

MSA

CENTER

RW12

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TWR (29-001464)	383816.00N/0922935.00W	280	15.7	2037	500	125	5E	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	SERVICE-A	ADJUSTMENTS
ASOS	JEF	24	JEF	0	Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS
ASOS	COU	24	COU	13.92	Y	80

WX REMARKS:

RASS PRESSURE PATTERNS NOT THE SAME
HIGH TERRAIN 549, LOW TERRAIN 889.3
RA = 79.7.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
APPROACH AND RUNWAY LIGHTING SYSTEM		RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW09 - REIL (PCL), MIRL, 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
3.00	547.2	45.0			3.50	64.0

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
-16C	+54C	-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 962 HIGH TEMP 1269.

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	CIRCLING RWY 09		
20:1			
29-022609 HGR 383530.05N-0920958.33W 571' MSL 4.62			
FINAL TYPE	LPV, LNAV/VNAV, LNAV		

QUALITY
19
CHECKED



AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
JEF	RNAV (GPS) RWY 12	1C	JEFFERSON CITY	MO	549	RNAV
34:1						
KJEFT008 TREE 383552.36N-0921015.14W 628' MSL 24.74			KJEF0013 TREE 383553.79N-0921001.91W 597' MSL 17.50			
KJEFT006 TREE 383554.17N-0921014.84W 617' MSL 11.44			KJEFT004 TREE 383612.84N-0921033.04W 681' MSL 9.78			
29-001360 POLE 383555.00N-0921000.00W 587' MSL 9.32			KJEF0018 TREE 383604.21N-0921019.68W 640' MSL 8.87			
KJEF0011 TREE 383555.36N-0920959.49W 586' MSL 8.75			KJEF0010 POLE 383546.75N-0921005.32W 581' MSL 6.04			
KJEFT005 TREE 383553.49N-0921015.54W 611' MSL 5.15			KJEF0019 TREE 383555.79N-0921030.50W 643' MSL 4.02			
KJEF0009 OL 383546.12N-0920957.85W 563' MSL 3.75			KJEF0008 OL 383547.35N-0920955.25W 558' MSL 1.90			
KJEFT009 POLE 383549.79N-0921008.16W 586' MSL 0.59			KJEF0014 POLE 383549.83N-0921008.15W 586' MSL 0.54			
KJEFT030 POLE 383546.71N-0921005.31W 581' MSL 6.12			KJEFT033 POLE 383549.81N-0921008.14W 586' MSL 0.60			
KJEFT035 TREE 383552.47N-0921015.13W 631' MSL 27.58			KJEFT036 TREE 383553.48N-0921015.50W 613' MSL 7.24			
KJEFT037 TREE 383554.29N-0921014.70W 619' MSL 13.52			KJEFT038 TREE 383551.47N-0921015.54W 613' MSL 10.38			
KJEFT039 TREE 383604.17N-0921019.72W 640' MSL 8.85			KJEFT121 POLE 383553.83N-0921000.52W 580' MSL 3.17			
<u>PENETRATIONS REMARKS:</u>						

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

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

<u>PENETRATIONS REMARKS:</u>

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

ASSUMED VEGETATION HEIGHT 100 FT WITHIN 20,000 FT OF AIRPORT PER FPT.

TAA NOT DEVELOPED PER FPT.

HOLD-IN-LIEU REQUESTED BY ATC.

INTERMEDIATE OBSTACLE TOWER (29-001272) LOCATED 4377.45 FT INTO SECONDARY.

LNAV OBSTACLE AAO LOCATED 1665.05 FT INTO SECONDARY.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



<u>AIRPORT ID</u> JEF	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 12	<u>AMDT NO.</u> 1C	<u>CITY</u> JEFFERSON CITY	<u>STATE</u> MO	<u>AIRPORT ELEVATION</u> 549	<u>FACILITY</u> RNAV
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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	3.48
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.71
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	122.45
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	719
DISTANCE FROM	THLD	TO 1500FT POINT	5.09
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	2.00
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	122.45
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	719

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

NO ADDITIONAL AIRSPACE REQUIRED

PART E: PREPARED BY

<u>NAME</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
ROSE BOONE-WALT	AJV-A421	12/13/2023	AERONAUTICAL INFORMATION SPECIALIST

