

**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 30	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>CITY</u> JEFFERSON CITY	<u>STATE</u> MO
<u>AIRPORT ELEVATION</u> 549	<u>TDZE</u> 549	<u>SUPERSEDED</u> RNAV (GPS) RWY 30	<u>DATED</u> 04/23/2020	<u>EPOCH YEAR</u> 2025
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>MAG VAR</u> 1W	<u>CANCEL/SUSPEND</u>
		<u>REQUIRED EFFECTIVE DATE</u> ROUTINE		

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 214/30 CW 034/30	NOPT	FATPI	IF/IAF	2800
2. 034/30 CW 124/30		034/20 CW 124/20		3100
3. 034/20 CW 124/20		EDAGY	IAF	2800
4. 124/30 CW 214/30		LECNI	IAF	2800

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>
LECNI	IAF	FATPI	NOPT	TF	FB	1.00	213.68	5.00	2800
EDAGY	IAF	FATPI	NOPT	TF	FB	1.00	033.61	5.00	2800
FATPI	IF/IAF	ERINE		TF	FB	1.00	303.64	6.10	2000
ERINE	FAF	RW30	MAP	TF	FO	0.30	303.57	4.34	
RW30	MAP	799 MSL		CA			303.57		
799 MSL		GIBSN		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW30

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT GIBSN AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD SE FATPI, RT, 303.64 INBOUND, 2800 FT. IN LIEU OF PT (IAF), MAX 6000.														
3.	FAC:	303.57	FAF:	ERINE	DIST FAF TO MAP:	4.34	DIST FAF TO THLD:	4.34							
4.	MIN ALT:	FATPI 2800, ERINE 2000													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		250 HAT:	0.62	GS ANT:				
6.	MIN GP INCPT:	2000	GP ALT AT PFAF:	ERINE					OM:		MM:		IM:		
7.	GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR	TCH:	53.5							
8.	MSA FROM:														

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: CIRCLING RWY 9 NA AT NIGHT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE COU ALTIMETER SETTING AND INCREASE LPV DA TO 879 FEET; INCREASE LNAV/VNAV DA TO 1402 FEET AND ALL VISIBILITIES 1/4 SM. INCREASE ALL MDAS 80 FEET AND LNAV VISIBILITY CATS B/C/D 1/4 SM, AND CIRCLING VISIBILITY CATS A/B/C 1/4 SM.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING COU ALTIMETER SETTING.
CHART NOTE: FOR INOPERATIVE ALS INCREASE LNAV/VNAV VISIBILITY ALL CATS TO 2 1/2 SM.
CHART NOTE: FOR INOPERATIVE ALS WHEN USING COU ALTIMETER SETTING, INCREASE LPV VISIBILITY ALL CATS TO 1 SM AND INCREASE LNAV VISIBILITY CATS C/D TO 2 1/2 SM.

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 123.36 INBOUND.
CHART FAS OBST: 820 TREE (KJEF0068) 383516N/0920717W.
FAS OBST: 979 AAO 383239N/0920511W.
CHART VDP AT 2.02 NM TO RW30.
WAAS CHANNEL # 86410
REFERENCE PATH ID: W30A
CHART CIRCLING ICON.
LTP HAE: 134.5 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	799	1/2	250	799	1/2	250	799	1/2	250	799	1/2	250			
LNAV/VNAV DA	1322	1 3/4	773	1322	1 3/4	773	1322	1 3/4	773	1322	1 3/4	773			
LNAV MDA	1240	1/2	691	1240	1/2	691	1240	1 1/2	691	1240	1 1/2	691			
CIRCLING	1280	1	731	1280	1	731	1320	2 1/4	771	1560	3	1011			



CHANGES - REASONS

1. ADDED 20:1 IS CLEAR - SURFACE IS FREE OF PENETRATIONS
2. CHANGED NOTE FROM FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C (4°F) OR ABOVE 47°C (116°F) TO FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C - FAHRENHEIT NO LONGER REQUIRED
3. REMOVED NOTE DME/DME RNP-0.3 - NO LONGER REQUIRED
4. ADDED PBN EQUIPMENT REQUIREMENTS NOTE: RNP APCH-GPS - IAW 8260.19I PARA 8-6-8A(5)B(2)
5. MAGVAR CHANGED FROM 3E TO 1W AND ALL COURSES UPDATED
6. CHANGED WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE COLUMBIA RGNL ALTIMETER SETTING AND INCREASE ALL DA/MDA 80 FEET; INCREASE LPV ALL CATS, LNAV/VNAV ALL CATS, LNAV CATS B, C AND D, AND CIRCLING CATS C AND D VISIBILITY 1/4 SM.
- CHART NOTE: FOR INOPERATIVE MALSR, WHEN USING COLUMBIA RGNL ALTIMETER SETTING INCREASE LPV ALL CATS VISIBILITY TO 1 1/4 SM TO WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE COLUMBIA ALTIMETER SETTING AND INCREASE LPV DA TO 879 FEET; INCREASE LNAV/VNAV DA TO 1402 FEET AND ALL VISIBILITIES 1/4 SM. INCREASE ALL MDAS 80 FEET AND LNAV VISIBILITY CATS B/C/D 1/4 SM, AND CIRCLING VISIBILITY CATS A/B/C 1/4 SM - UPDATED VISIBILITIES
7. ADDED CHART NOTE: FOR INOPERATIVE ALS INCREASE LNAV/VNAV VISIBILITY ALL CATS TO 2 1/2 SM AND CHART NOTE: FOR INOPERATIVE ALS WHEN USING COLUMBIA RGNL ALTIMETER SETTING, INCREASE LPV VISIBILITY ALL CATS TO 1 SM AND INCREASE LNAV VISIBILITY CATS C/D TO 2 1/2 SM - REQUIRED FOR ALS SYSTEMS
8. CHANGED INTERMEDIATE RNP VALUE FROM .5 TO 1 - IAW CURRENT RNP CRITERIA
9. ADDED CA LEG TO TERMINAL ROUTES - REQUIRED FOR RNAV MISSED APPROACH
10. LOWERED LNAV/VNAV VIS FROM 2 1/4 TO 1 3/4 AND LNAV CAT D VIS FROM 1 3/4 TO 1 1/2 - IAW UPDATED VISIBILITY CRITERIA
11. LOWERED CIRCLING CAT A/B MDA/HAA FROM 1320/771 TO 1280/731 AND CAT B VIS FROM 1 1/4 TO 1 - NEW CONTROLLING OBSTACLE

COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

HAI

NBAA

X

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

ROSE BOONE-WALT

Jul 02, 2024

OFFICE

AJV-A421

DATE

12/18/2023

APPROVED BY

DAVID DANNER

Digitally signed by

CASEY D HILL

Aug 27, 2024

OFFICE

AJV-A421

DATE

TITLE

MANAGER



AIRPORT ID
JEF

PROCEDURE NAME
RNAV (GPS) RWY 30

ORIGINAL/AMENDMENT
ORIG-C

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	RW30
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W30A
LTP/FTP LATITUDE	383512.7600N
LTP/FTP LONGITUDE	0920846.1200W
LTP/FTP ELLIPSOIDAL HEIGHT	+01345
FPAP LATITUDE	383544.9200N
FPAP LONGITUDE	0920950.4100W
THRESHOLD CROSSING HEIGHT (TCH)	00053.5
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.5
LENGTH OFFSET	0016
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER	93D0C53B
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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 30	ORIG-C	JEFFERSON CITY	MO	549	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM
214/30 CW 034/30

TO
FATPI

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<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 (29-001533)	375926.03N/0914358.45W	1620	100	20	3C	1000				AT180	2800
TERRAIN	375927.00N/0914351.00W	1214 (1200)								AS1500	2700

COMPUTATIONS

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

SEGMENT REMARKS:

LEFT BASE AREA

FROM
034/30 CW 124/30

TO
034/20 CW 124/20

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<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 (29-001464)	383816.00N/0922935.00W	2037	500	125	5E	1000					3100
TERRAIN	380121.00N/0922139.00W	1077 (1100)								AS1500	2600

COMPUTATIONS

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

SEGMENT REMARKS:



LEFT BASE AREA

FROM

034/20 CW 124/20

TO

EDAGY

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<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 (29-001499)	383125.00N/0922426.00W	1362	500	125	5E	1000				AT438	2800
TERRAIN	382312.00N/0922321.00W	978 (1000)								AS1500	2500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

RIGHT BASE AREA

FROM

124/30 CW 214/30

TO

LECNI

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<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 (29-001264)	384215.00N/0920522.00W	1785	500	125	5E	1000					2800
TERRAIN	390148.00N/0915957.00W	929 (900)								AS1500	2400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INITIAL

FROM

LECNI

TO

FATPI

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
1.00	5.00										
<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 (29-002376)	382957.00N/0915301.00W	1252	500	125	5E	1000				AT548	2800
TERRAIN	383000.00N/0915257.00W	919 (900)								AS1500	2400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM

EDAGY

TO

FATPI

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
1.00	5.00										
<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 (29-001592)	383007.00N/0915559.00W	1144	500	125	5E	1000				AT656	2800
TERRAIN	382851.00N/0915533.00W	876 (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

FATPI (IF/IAF)

TO

ERINE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
1.00	6.10										
<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 (29-001592)	383007.00N/0915559.00W	1144	500	125	5E	500				AC125 AT231	2000
TERRAIN	383239.00N/0915742.00W	817 (800)								AS1000	1800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LPV

FROM

ERINE

TO

RW30

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	4.34		DA		250						
<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>
ANT ON BLDG (KJEF0021)	383504.13N/0920838.44W	560	20	3	1A		34:1				799

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV/VNAV

FROM

ERINE

TO

RW30

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	4.34		DA		773						
<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 (KJEF0068)	383516.10N/0920716.63W	820	50	20	2C		23.43:1			AC20 MA189	1322

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

ERINE

TO

RW30

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	4.34		RW30		691						
<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	383238.72N/0920511.31W	979	50	20	2C	250					1240

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

FATPI

TO

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<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 (29-002376)	382957.00N/0915301.00W	1252	500	125	5E	1000				AT548	2800
TERRAIN	382745.00N/0914906.00W	985 (1000)								AS1500	2500

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

GIBSN

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30-1.00											591
<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 (29-000060)	383327.00N/0920737.00W	959	50	3	2A		ASC				3000
AAO	383949.27N/0921410.74W	1069	50	20	2C	1000					2100
TERRAIN	383949.27N/0921410.74W	869 (900)	50	3	2A					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 30

AMDT NO.
ORIG-C

CITY
JEFFERSON CITY

STATE
MO

AIRPORT ELEVATION
549

FACILITY
RNAV

MISSED APPROACH: LNAV/VNAV

FROM
DA

TO
GIBSN

RNP
0.30-1.00

DISTANCE

PAT

MAP

HAT

HMAS
947

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
AAO	383949.27N/0921410.74W	1069	50	20	2C	1000					2100
TERRAIN	383949.27N/0921410.74W	869 (900)	50	3	2A					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
RW30

TO
GIBSN

RNP
0.30-1.00

DISTANCE

PAT

MAP

HAT

HMAS
990

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
AAO	383949.27N/0921410.74W	1069	50	20	2C	1000					2100
TERRAIN	383949.27N/0921410.74W	869 (900)	50	3	2A					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 30

AMDT NO.

ORIG-C

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/0920842.00W	1.30	731	970	215	8	4B	300			1280
CATEGORY B											
TREE	383606.00N/0920842.00W	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:

MSA/ESA

CENTERRADIUS

REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

MIZZU APP CON, ZKC ARTCC, JEF TOWER

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 ARE THE SAME)
KJEF: 549.0
KCOU: 889.3
RASS ADJ: 79.7

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
3.00	547.3	53.5			3.00	50.0

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	+47C	-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	



PENETRATIONS REMARKS:

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.

100' TREE HEIGHT PER FPT

TAA DEVELOPED PER FPT AT ATC REQUEST.

MISSED APPROACH HOLDING AT GIBSN PER FPT AT ATC REQUEST.

DTED PENETRATIONS OF GQS IN SURVEY AREA NOT VALID.

ALL FINAL TYPES USE SAME INTERMEDIATE OBSTALCE

VGSI: 3.00/50.0

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	3.77
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.94
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	302.57
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	779
DISTANCE FROM	THLD	TO 1500FT POINT	5.10
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	8.00
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	302.64
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	817

THRESHOLD COORDINATES (IF STR-IN)

383512.76N/0920846.13W

ARP COORDINATES

383528.23N/0920922.12W

RUNWAY APCH END AND DIST FURTHEST FROM ARP

RUNWAY 30 DISTANCE 0.54 NM

FAF COORDINATES

383252.50N/0920406.17W

FIX NAME COORDINATES

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED

<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 30	ORIG-C	JEFFERSON CITY	MO	549	RNAV
PART E: PREPARED BY						
<u>NAME</u>			<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>	
ROSE BOONE-WALT			AJV-A421	12/18/2023	AERONAUTICAL INFORMATION SPECIALIST	