

**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> STJ	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 17	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> ST JOSEPH	<u>STATE</u> MO		
<u>AIRPORT ELEVATION</u> 827	<u>TDZE</u> 827	<u>SUPERSEDED</u> RNAV (GPS) RWY 17	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 07/24/2014	<u>MAG VAR</u> 4E	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 086/30 CW 266/30	NOPT	CONDO	IF/IAF	3000
2. 266/30 CW 086/30		CONDO	IF/IAF	3000

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>
CONDO	IF/IAF	JUNPI		TF	FB	1.00	176.00	6.00	2700
JUNPI	FAF	ZEXUL/2.13 NM TO RW17		TF	FB	0.30	176.00	3.58	
ZEXUL/2.13 NM TO RW17		RW17	MAP	TF	FO	0.30	176.00	2.13	
RW17	MAP	1027 MSL		CA			176.00		
1027 MSL		FILUX		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW17

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT FILUX AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
39
CHECKED

PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD N CONDO, RT, 176.00 INBOUND, 3000 IN LIEU OF PT (IF/IAF), MAX 6000.														
3.	FAC:	176.00	FAF:	JUNPI	DIST FAF TO MAP:	5.71	DIST FAF TO THLD:	5.71							
4.	MIN ALT:	CONDO 3000, JUNPI 2700, ZEXUL/2.13 NM TO RW17 1560													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		200 HAT:	0.45	GS ANT:				
6.	MIN GP INCPT:	2700	GP ALT AT PFAF:	JUNPI 2700					OM:		MM:			IM:	
7.	GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR	TCH:	55.5							
8.	MSA FROM:														

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING RWY 13, 31 NA AT NIGHT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19°C OR ABOVE 54°C.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING MCI ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MCI ALTIMETER SETTING AND INCREASE LPV DA TO 1121 FEET AND ALL VISIBILITIES 1/8 SM, INCREASE LNAV/VNAV DA TO 1171 FEET AND ALL VISIBILITIES 1/4 SM; INCREASE ALL MDAS 100 FEET AND LNAV VISIBILITY CAT C/D/E 3/8 SM AND CIRCLING VISIBILITY CAT C/D 1/2 SM.

ADDITIONAL FLIGHT DATA:

CHART IN PLANVIEW: MAXIMUM HOLDING AIRSPEED AT FILUX 230 KIAS.
CHART IN PLANVIEW: MAXIMUM HOLDING AIRSPEED AT CONDO 230 KIAS.
HOLD S, RT, 356.02 INBOUND.
CHART FAS OBST: 916 TREE (29-025904) 394715N/0945438W.
CHART VDP AT 0.93 NM TO RW17.
WAAS CHANNEL # 70535
REFERENCE PATH ID: W17A
LTP HAE: 220.1 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 800-2 1/4, CAT D 900-2 3/4, CAT E 1000-3, 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	1027	3/4	200	1027	3/4	200	1027	3/4	200	1027	3/4	200	1027	3/4	200
LNAV/VNAV DA	1077	3/4	250	1077	3/4	250	1077	3/4	250	1077	3/4	250	1077	3/4	250
LNAV MDA	1180	1	353	1180	1	353	1180	1	353	1180	1	353	1180	1	353
CIRCLING	1400	1	573	1420	1	593	1620	2 1/4	793	1640	2 3/4	813	1760	3	933



CHANGES - REASONS

1. CHANGED TAA FIX FROM "TUCDO" TO "CONDO" AND SECTOR 286/30 CW 086/30 ALTITUDE FROM "3100" TO "3000"-- FPT FIX NAME REQUEST; NEW CONTROLLING OBSTACLE.
3. CHANGED ALL INSTANCES OF FIX "WEXOM" TO "FILUX" -- FPT REQUEST TO MATCH ILS OR LOC RWY 17 MA HOLDING.
4. CHANGED MA ALTITUDE FROM "3100" TO "3000" IN TERMINAL ROUTES AND MISSED APPROACH INSTRUCTIONS -- NEW CONTROLLING OBSTACLE.
5. ADDED "MAX 6000" IN PROFILE LINE 2 -- UPDATED IAW 8260.19K, 8-6-7.B(2).
6. CHANGED 34:1 FROM "IS NOT CLEAR" TO "IS CLEAR" AND ADDED "20:1 IS CLEAR" IN PROFILE LINE 7 -- CONFIRMED CLEAR BY OBSTACLE EVALUATION; UPDATED IAW 8260.19K, 8-6-7.G(3)(A).
7. DELETED CHART NOTE "DME/DME RNP-0.3 NA" AND ADDED PBN REQUIREMENTS NOTE "RNP APCH - GPS" -- UPDATED IAW 8260.19K, 8-6-8.D(5)(A)1 AND 8260.58C, TABLE 1-2-1.
8. CHANGED MINIMUM TEMPERATURE FROM "-20C" TO "-19C" AND DELETED FAHRENHEIT TEMPERATURES FROM UNCOMPENSATED BAR-VNAV NOTE -- NEW 5-YEAR ACT; UPDATED IAW 8260.19K, 8-6-10.R.
9. DELETED "CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" -- 34:1 IS CLEAR.
10. CHANGED BARO-VNAV AND VDP NA CHART NOTE FROM "KANSAS CITY INTL" TO "MCI" -- UPDATED IAW 8260.19K, 8-6-10.E(8) AND (9).
11. CHANGED CHART NOTE FROM "...USE KANSAS CITY INTL ALTIMETER SETTING AND INCREASE ALL DA 97 FT. AND LPV VISIBILITY 1/8 MILE ALL CATS, LNAV/VNAV VISIBILITY 3/8 MILE ALL CATS; INCREASE ALL MDA 100 FT AND LNAV CAT C/D/E VISIBILITY 1/4 MILE, CIRCLING CAT C 1/2 MILE AND CAT D 1/4 MILE" TO "...USE MCI ALTIMETER SETTING AND INCREASE LPV DA TO 1121 FEET AND ALL VISIBILITIES 1/8 SM, INCREASE LNAV/VNAV DA TO 1171 FEET AND ALL VISIBILITIES 1/4 SM; INCREASE ALL MDA 100 FEET AND LNAV VISIBILITY CAT C/D/E 3/8 SM AND CIRCLING VISIBILITY CAT C/D 1/2 SM" -- CHANGE IN MINIMA; UPDATED IAW 8260.19K, 8-6-12.N AND 8260.3G VISIBILITY TABLES.
12. CHANGED HOLDING COURSE FROM "356.00" TO "356.02" IN ADDITIONAL FLIGHT DATA -- HOLDING FIX CHANGED FROM WEXOM TO FILUX.
13. CHANGED CHART FAS OBSTACLE FROM "989 TREE 394848N/0945'00W" TO "916 TREE (29-025904) 394715N/0945438W" IN ADDITIONAL FLIGHT DATA -- NEW CONTROLLING OBSTACLE.
14. CHANGED VDP FROM "1.12 MILES" TO "0.93 NM" AND DELETED ASTERISK AND "* LNAV ONLY" IN ADDITIONAL FLIGHT DATA -- LOWER LNAV MINIMUMS; ASTERISK NO LONGER REQUIRED.
15. DELETED "CHART CIRCLING ICON" IN ADDITIONAL FLIGHT DATA -- UPDATED IAW FAA MEMO, SUBJECT: REMOVAL OF CIRCLING ICONS, 5/15/2025.
16. FAS DATA: CRC REMAINDER CHANGED FROM "7A492D52" TO "64C90252" -- FPAP COORDINATES CHANGED FROM "394535.3000N/0945424.8800W" TO "394535.2930N/0945424.8840W".
17. DELETED "CHART: ASR/PAR" IN ADDITIONAL FLIGHT DATA -- NO LONGER REQUIRED.
18. ADDED "CHART IN PLANVIEW: MAXIMUM HOLDING AIRSPEED AT FILUX 230 KIAS" AND "CHART IN PLANVIEW: MAXIMUM HOLDING AIRSPEED AT CONDO 230 KIAS" IN ADDITIONAL FLIGHT DATA -- FPT REQUEST FOR HOLDING AIRSPEED.
19. CHANGED LNAV MDA/HAT FROM "1240/413" TO "1180/353" AND VISIBILITY CAT C/D FROM "1 1/8" TO "1" -- NEW CONTROLLING OBSTACLE.

COORDINATED WITH:

A4A

☒

ALPA

☒

AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER: ZKC, MCI APP CON, STJ APP CON, STJ ATCT, AMGR

FLIGHT CHECKED BY

OFFICE

DATE

DEVELOPED BY

TARA MARTINELLI (DANIEL C JOHNSEN)

OFFICE

AJV-A421

DATE

04/10/2026

APPROVED BY

TARA MARTINELLI

OFFICE

AJV-A421

DATE

TITLE

MANAGER



AIRPORT ID
STJ

PROCEDURE NAME
RNAV (GPS) RWY 17

ORIGINAL/AMENDMENT
2

CITY
ST JOSEPH

STATE
MO

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSTJ
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	394704.4650N
LTP/FTP LONGITUDE	0945424.8775W
LTP/FTP ELLIPSOIDAL HEIGHT	+02201
FPAP LATITUDE	394535.2930N
FPAP LONGITUDE	0945424.8840W
THRESHOLD CROSSING HEIGHT (TCH)	00055.5
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0296
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER	64C90252
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02519
FPAP ORTHOMETRIC HEIGHT	+02519

QUALITY
39
CHECKED

**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>
STJ	RNAV (GPS) RWY 17	2	ST JOSEPH	MO	827	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM 086/30 CW 266/30 **TO** CONDO

<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>
WINDMILL (29-062683)	401708.83N/0945654.45W	1787	250	50	4D	1000				AT213	3000
TERRAIN	402733.00N/0944315.00W	1213 (1200)								AS1500	2700

COMPUTATIONS

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

SEGMENT REMARKS:

STRAIGHT-IN AREA

FROM 266/30 CW 086/30 **TO** CONDO

<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 (20-001840)	394235.00N/0950234.00W	1978	50	20	2C	1000					3000
TERRAIN	394903.00N/0950251.00W	1204 (1200)								AS1500	2700

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY
39
CHECKED

INTERMEDIATE

FROM

CONDO (IF/IAF)

TO

JUNPI

RNP

1.00

DISTANCE

6.00

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (29-002617)	395635.00N/0945659.00W	1403	50	20	2C	500					2000
TERRAIN	395654.00N/0945406.00W	1171 (1200)								AS1500	2700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LPV

FROM

JUNPI

TO

RW17

RNP

0.30

DISTANCE

5.71

PAT

MAP

DA

HAT

200

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				1027

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV/VNAV

FROM
JUNPI

TO
RW17

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	5.71		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>
TREE (29-025904)	394714.79N/0945437.93W	916	20	3	1A	161					1077

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM
JUNPI

TO
ZEXUL/2.13 NM TO RW17

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	3.58										
<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	395021.00N/0945339.00W	1034	215	8	4B	250				RA100 DG176	1560

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM
ZEXUL/2.13 NM TO RW17

TO
RW17

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	2.13		RW17		353						
<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 (29-025904)	394714.79N/0945437.93W	916	20	3	1A	250					1180

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

CONDO

TO

P-7

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u> P-7	<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>
WINDMILL (29-062661)	401041.14N/0945429.38W	1766	250	50	4D	1000				AT234	3000
TERRAIN	395654.00N/0945406.00W	1171 (1200)								AS1500	2700

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

FILUX

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 858			
<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				3000
TOWER (29-002973)	393603.62N/0945613.07W	1618	20	3	1A	1000					2700
TERRAIN	393354.00N/0945154.00W	1190 (1200)								AS1500	2700

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

FILUX

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u> 916				
<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				3000
TOWER (29-002973)	393603.62N/0945613.07W	1618	20	3	1A	1000					2700
TERRAIN	393354.00N/0945154.00W	1190 (1200)								AS1500	2700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM

RW17

TO

FILUX

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u> 1080				
<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				3000
TOWER (29-002973)	393603.62N/0945613.07W	1618	20	3	1A	1000					2700
TERRAIN	393354.00N/0945154.00W	1190 (1200)								AS1500	2700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



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 (29-048107)	394706.93N/0945623.27W	1.30	573	1095	20	3	1A	300			1400
CATEGORY B											
TREE (29-030999)	394739.50N/0945218.26W	1.83	593	1119	20	10	1B	300			1420
CATEGORY C											
TOWER (20-002316)	394601.92N/0945829.39W	2.88	793	1301	20	3	1A	300			1620
CATEGORY D											
AAO	394927.00N/0945127.00W	3.77	813	1326	215	8	4B	300			1640
CATEGORY E											
TOWER (29-000057)	394807.80N/0944849.90W	4.71	933	1401	250	50	4D	300		AC50	1760

CIRCLING REMARKS:

MSA/ESA

CENTER

RADIUS

REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

STJ APP CON, STJ TOWER, MCI APP CON

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	STJ	24	STJ		Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	MCI	24	MCI	29.89	Y	94

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
STJ 827, MCI 1009
RA = 93.7.

PRIMARY NAVAID

MONITOR POINT

HRS OPERATION

CAT



AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
STJ	RNAV (GPS) RWY 17	2	ST JOSEPH	MO	827	RNAV
APPROACH AND RUNWAY LIGHTING SYSTEM		RUNWAY MARKINGS		RUNWAY VISUAL RANGE		
RW13 - MIRL (PCL), PAPI-4L (PCL)		NPI-G				
RW31 - MIRL (PCL), PAPI-4L (PCL)		NPI-G				
RW17 - REIL (PCL), HIRL (PCL), PAPI-4L		PIR-F		ROLL OUT		
RW35 - REIL (PCL), HIRL (PCL), PAPI-4L		PIR-F		APPROACH		

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
3.00	826.5	55.5			3.00	55.5

FINAL APPROACH COURSE AIMING

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

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
-19C	+54C	-23C	+13.36C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2021-2025).
CRITICAL LOW TEMPERATURE BASED ON EFFECTIVE GPA.
DESCENT RATE (FPM): STANDARD TEMP 1436 HIGH TEMP 1677.

"VISUAL PORTION OF FINAL" PENETRATIONS

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 HEIGHT 100 FEET PER FPT.
CIRCLING RWY 13, 31 NA AT NIGHT DUE TO LACK OF NIGHT EVALUATION FOR RWY 13/31.
ORDER 8260.3 CHAPTER 2 APPLIED TO 1152 AAO 395303.00N/0945254.00W.
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	2.88
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	180.00
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	800
DISTANCE FROM	THLD	TO 1500FT POINT	4.91
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.39
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	180.00
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	800

THRESHOLD COORDINATES (IF STR-IN)	394704.47N/0945424.88W
ARP COORDINATES	394619.00N/0945434.94W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 17 DISTANCE 0.77 NM
FAF COORDINATES	395247.26N/0945424.88W
FIX NAME COORDINATES	

REMARKS

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
TARA MARTINELLI (DANIEL C JOHNSEN)	AJV-A421	04/10/2026	AERONAUTICAL INFORMATION SPECIALIST

