

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
VOR OR TACAN STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.23

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</u> ROSECRANS MEMORIAL		<u>AIRPORT ID</u> KSTJ	<u>PROCEDURE NAME</u> VOR OR TACAN RWY 17	<u>ORIGINAL/AMENDMENT</u> 14B	<u>CITY</u> ST JOSEPH	<u>STATE</u> MO
<u>AIRPORT ELEVATION</u> 827	<u>TDZE</u> 827	<u>SUPERSEDED</u> VOR OR TACAN RWY 17	<u>ORIGINAL/AMENDMENT</u> 14A	<u>DATED</u> 03/05/2015	<u>MAG VAR</u> 8E	<u>EPOCH YEAR</u> 1965
<u>FACILITY</u> STJ	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 20 JUNE 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<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>
UBELE/7.00 DME CW	IAF	BUCAV/7.00 DME	NOPT				7.00 DME ARC		2700
WITAG/7.00 DME CCW	IAF	BUCAV/7.00 DME	NOPT				7.00 DME ARC		2700
BUCAV/7.00 DME		STJ VORTAC					167.14	7.00	2700
STJ VORTAC	IF/IAF	FOSRO INT/6.01 DME					167.41	6.01	2300

MISSED APPROACH

MAP:

4.58 NM AFTER FOSRO INT/STJ 6.01 DME OR AT STJ 10.59 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 2700 DIRECT STJ VORTAC AND HOLD.
(TACAN AIRCRAFT CLIMB TO 2300 THEN CLIMBING LEFT TURN TO 3100 DIRECT HANOT INT/STJ 24.00 DME AND HOLD NW, LT, 114.00 INBOUND, GPS REQUIRED).

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- 1. PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
- 2.** HOLD N STJ VORTAC, RT, 167.41 INBOUND, 2700 FT. IN LIEU OF PT (IAF), MAX 6000*
- 3. FAC:** 167.41 **FAF:** FOSRO INT/6.01 DME **DIST FAF TO MAP:** 4.58 **DIST FAF TO THLD:** 4.58
- 4. MIN ALT:** STJ VORTAC 2700, FOSRO INT/6.01 DME 2300
- 8. MSA FROM:** STJ VORTAC 3000

EQUIPMENT REQUIREMENTS NOTES:

ADF OR DME REQUIRED.

NOTES:

CHART PROFILE NOTE: * COURSE REVERSAL NOT AUTHORIZED FOR CAT E AIRCRAFT.
CHART NOTE: MISSED APPROACH TO STJ VORTAC NOT AUTHORIZED FOR CAT E AIRCRAFT.
CHART SPEED ICON IN PLANVIEW AT HANOT: MAX HOLDING 265 KIAS.



ADDITIONAL FLIGHT DATA:

CHART: ASR/PAR.
CHART CIRCLING ICON.
FOSRO TO RW17: 2.92/56.
CHART STJ R-276 AT UBELE.
CHART STJ R-076 AT WITAG.
CHART VDP AT 8.66 DME
DISTANCE VDP TO THLD 1.93 NM
FAS OBST: 1250 AAO 395035N/0945559W.

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

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
S-17	1500	1	673	1500	1	673	1500	1 7/8	673	1500	1 7/8	673	1500	1 7/8	673
CIRCLING	1500	1	673	1500	1	673	1620	2 1/4	793	1640	2 3/4	813	1760	3	933

CHANGES - REASONS

1. INCORPORATED CHANGES FROM AMDT 14A - IAW FAAO 8260.19H, PARA 8-3-4C (2).
2. UPDATED MISSED APPROACH POINT FROM 4.58 MILES AFTER FOSRO OR AT STJ 10.59 DME TO 4.58 NM AFTER FOSRO INT/STJ 6.01 DME OR AT STJ 10.59 DME - IAW 8260.19H PARA 8-6-6 C (2).
3. UPDATED HOLD-IN-LIEU COURSE INBOUND FROM 167.00 TO 167.41 AND ADDED MAX ALTITUDE 6000 - ALIGNED HOLDING PATTERN WITH SUCCEEDING SEGMENT AND IAW 8260.19H PARA 8-6-7 B (2).
4. AMENDED MSA FROM TWO SECTORS TO ONE WITH A MINIMUM ALTITUDE OF 3000 - NEW OBSTACLE STUDY, ALTITUDE DIFFERENCE OF 300 FEET WAS NO LONGER ACHIEVED.
5. DELETED FROM NOTES SECTION ADF OR DME REQUIRED AND ADDED EQUIPMENT REQUIREMENTS NOTE ADF OR DME REQUIRED - IAW 8260.19H PARA 8-6-8.
6. CHANGED CHART PLANVIEW NOTE AT HANOT: MAXIMUM HOLDING AIRSPEED 265 KIAS TO CHART SPEED ICON IN PLANVIEW AT HANOT: MAX HOLDING 265 KIAS - IAW 8260.3D PARA 17-3-6 AND 8260.19H PARA 4-6-10 G.
7. ADDED CHART: ASR/PAR TO ADDITIONAL FLIGHT DATA FROM NOTES SECTION - IAW 8260.19H PARA 8-6-10 K.
8. ADDED TO ADDITIONAL FLIGHT DATA CHART CIRCLING ICON - IAW 8260.19H PARA 8-6-10 T. CONTROLLING OBSTACLES AND MINIMUMS MATCH RNAV (GPS) RWY 35, AMDT 2A.
9. UPDATED FAS OBSTACLE FROM 1090 TREE TO 1250 AAO - IAW 8260.19H PARA 8-6-10 C.
10. UPDATED VDP FROM CHART VDP AT STJ 9.15 DME, DISTANCE VDP TP THLD: 1.44 NM TO CHART VDP AT 8.66 DME, DISTANCE VDP TO THLD 1.93 NM - MDA CHANGED FROM 1340 TO 1500 AND RECALCULATED DISTANCE.
11. UPDATED MINIMUMS FROM S-17 MDA/HAT 1340/513 ALL CATS TO MDA/HAT 1500/673 ALL CATS, VISIBILITY CAT C FROM 1 1/2 TO 1 7/8, CAT D AND E VISIBILITY FROM 1 3/4 TO 1 7/8 SM - NEW CONTROLLING OBSTACLE AND IAW 8260.3D CHAPTER 3.
12. UPDATED CIRCLING MINIMUMS FROM CAT A/B MDA/HAA 1400/573 TO 1500/673, CAT C FROM MDA/HAA 1400/573 TO 1620/793, CAT D MDA/HAA FROM 1500/673 TO 1640/813. VISIBILITY CAT C FROM 1 1/2 TO 2 1/4, CAT D FROM 2 1/2 TO 2 3/4 - NEW CONTROLLING OBSTACLES AND NEW CIRCLING CRITERIA IAW 8260.3D CHAPTER 2.
13. UPDATED ALTERNATE MINIMUMS FROM # CAT D 800-2 1/2 TO CAT C 800-2 1/4, CAT D 900-2 3/4 - IAW 8260.19H PARA8-6-11 B (4).
14. UPDATED TACAN MISSED APPROACH FROM TACAN AIRCRAFT CLIMB TO 2300 THEN CLIMBING LEFT TURN TO 3100 DIRECT HANOT/STJ 24.00 DME AND HOLD NW, LT, 114.00 INBOUND TO TACAN AIRCRAFT CLIMB TO 2300 THEN CLIMBING LEFT TURN TO 3100 DIRECT HANOT INT/STJ 24.00 DME AND HOLD NW, LT, 114.00 INBOUND GPS REQUIRED - IAW 8260.19H, PARA 8-6-6 D.

PDF EDIT:
ADDED ATTENTION SYMBOL * AT END OF HOLD-LIEU IN LINE 2



COORDINATED WITH:

A4A

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ALPA

☒

AOPA

☒

APA

☒

HAI

☐

NBAA

☒

OTHER:

ZKC, AIRPORT MANAGER, STJ APP CON, STJ ATCT

FLIGHT CHECKED BY

MARKS S CORDEIRO

Digitally signed by

DONALD H LANIER

Apr 18, 2019

OFFICE

FICO

DATE

4/17/19

DEVELOPED BY

FRANK JACKSON JR

Digitally signed by

FRANK JACKSON

Feb 05, 2019

OFFICE

AJV-A431

DATE

12/06/2018

APPROVED BY

PATRICK MULQUEEN

Digitally signed by

DONALD H LANIER

Apr 18, 2019

OFFICE

AJV-A43

DATE

TITLE

MANAGER

