

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
VOR 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 ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>	
MO3	VOR-A	3C	STOCKTON	MO	
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
1043		VOR/DME-A	09/09/2021	4E	1990
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>	
SGF			ROUTINE		

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>
SGF VORTAC	IAF	RIVTE/SGF 20.00 DME					304.50	20.00	3000
ROBCO/SGF 20.00 DME CCW	IAF	RIVTE/SGF 20.00 DME					20.00 DME ARC		3000
RIZUR/SGF 20.00 DME CW	IAF	RIVTE/SGF 20.00 DME					20.00 DME ARC		3000
RIVTE/SGF 20.00 DME	IF	CAMAN/25.00 DME					304.50 (SGF R-305)	5.00	2600

MISSED APPROACH

MAP:

MAPCC/SGF 29.30 DME

MISSED APPROACH INSTRUCTIONS:

CLIMBING LEFT TURN TO 3000 ON SGF VORTAC R-305 TO CAMAN/25.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
- PROFILE STARTS AT RIVTE/SGF 20.00 DME
- FAC:** 304.50 **FAF:** CAMAN/25.00 DME **DIST FAF TO MAP:** **DIST FAF TO THLD:**
- MIN ALT:** RIVTE/SGF 20.00 DME 3000, CAMAN/25.00 DME 2600
- MSA FROM:** SGF VORTAC 020-200 4600, 200-020 2900 (30NM)



EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: RWY 1, 19 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: USE NVD ALTIMETER SETTING; WHEN NOT RECEIVED, USE SGF ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SGF VORTAC ON AIRWAY RADIALS 257 CW 336.

ADDITIONAL FLIGHT DATA:

CHART NVD AWOS-3.
HOLD SE, RT, 304.50 INBOUND.
CHART FAS OBST: 1287 TOWER (29-074417) 373743N/0934839W.
CHART SGF R-054 AT ROBCO.
CHART SGF R-206 AT RIZUR.

MINIMUMS:

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

ALTERNATE: NA ☒

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
CIRCLING	1640	1	597	1700	1	657		NA			NA				

CHANGES - REASONS

- INCORPORATED AMDT 3A AND AMDT 3B P-NOTAMS INTO FORM.
- PROCEDURE: CHANGED AIRPORT ELEVATION FROM "1042" TO "1043" – UPDATED AIRNAV DATA.
- PROCEDURE NAME: CHANGED FROM "VOR/DME-A" TO "VOR-A" - DME IN PROCEDURE NAME IS NO LONGER VALID, 8260.19K, 8-2-2B AND 8260.3G, 1-6-2A(1) AND 1-6-3B(2).
- MISSED APPROACH INSTRUCTIONS: ADDED "CONTINUE TO CLIMB-IN-HOLD TO 3000" – CANCELS FDC NOTAM 5/5412.
- PROFILE LINE 4: ADDED "SGF 20.00 DME/25.00 DME TO MIN ALTITUDES – CURRENT DOCUMENTATION STANDARDS.
- EQUIPMENT REQUIREMENTS: ADDED "DME REQUIRED" – IAW 3260.19K, 8-6-9A(2)A.
- NOTES: CHANGED FROM "CHART NOTE: USE NEVADA ALTLMETER SETTING; WHEN NOT RECEIVED, USE SPRINGFIELD AL 11METER SETTING AND INCREASE ALL MDA 20 FEET" TO "CHART NOTE: USE NVD ALTIMETER SETTING; WHEN NOT RECEIVED, USE SGF ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET" - IAW 8260.19K, 8-6-10F(4).
- NOTES: CHANGED FROM "HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" TO "CHART NOTE: RWY 1, 19 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" – IAW 8260.19K, 8-6-12K(2).
- ADDITIONAL FLIGHT DATA: CHANGED FROM "FAS OBST: 1270 AAO 373737N/0934814W" TO "CHART FAS OBST: 1287 TOWER (29-074417) 373743N/0934839W" – NEW CONTROLLING OBSTACLE.
- ADDITIONAL FLIGHT DATA: CHANGED FROM "CHART NEVADA AWOS-3" TO "CHART NVD AWOS-3" – CURRENT DOCUMENTATION STANDARDS.
- MINIMUMS: RAISED CIRCLING CAT A CMDA/HAA FROM "1620/578" TO "1640/597", LOWERED CAT B HAA FROM "658" TO "657" – NEW MA ADJUSTMENT OBSTACLE, UPDATED AIRPORT ELEVATION.



COORDINATED WITH:

A4A

☐

ALPA

☒

AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER: SGF APP CON, ARPT MGR, KZKC

FLIGHT CHECKED BY

CARLOS A BALDERAS

Digitally signed by

APRIL T SARMENTO

Jul 02, 2026

OFFICE

AJF

DATE

07/01/2026

DEVELOPED BY

CASIMIR L. TABAKA (ROBERT A. SWINSON)

Digitally signed by

APRIL T SARMENTO

Jul 02, 2026

OFFICE

AJV-A432

DATE

02/11/2026

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by

APRIL T SARMENTO

Jul 02, 2026

OFFICE

AJV-A432

DATE

TITLE

MANAGER



**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>
MO3	VOR-A	3C	STOCKTON	MO	1043	SGF

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM SGF VORTAC **TO** RIVTE/SGF 20.00 DME

<u>RNP</u>	<u>DISTANCE</u> 20.00	<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>
AAO	372312.00N/0932103.00W	1516	215	8	4B	1000				AT484	3000
TERRAIN	372312.00N/0932103.00W	1315 (1300)								AS1500	2800

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL: ARC

FROM ROBCO/SGF 20.00 DME CCW **TO** RIVTE/SGF 20.00 DME

<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 (29-001936)	373327.74N/0930539.58W	1585	50	20	2C	1000				AT415	3000
TERRAIN	373106.00N/0930221.00W	1318 (1300)								AS1500	2800

COMPUTATIONS

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

SEGMENT REMARKS:



INITIAL: ARC

FROM

RIZUR/SGF 20.00 DME CW

TO

RIVTE/SGF 20.00 DME

<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 (29-001532)	370540.99N/0933105.75W	1874	250	50	4D	1000					2900
TERRAIN	370309.00N/0933654.00W	1450 (1500)								AS1500	3000

COMPUTATIONS

ALTKIASKTASHAAVKTWTRBADTACOURSE CHANGEDVEBVEB OCSRF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM

RIVTE/SGF 20.00 DME

TO

CAMAN/25.00 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
	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>
AAO	373603.00N/0933724.00W	1303	215	8	4B	500					1900
TERRAIN	373609.00N/0933724.00W	1095 (1100)								AS1500	2600

COMPUTATIONS

ALTKIASKTASHAAVKTWTRBADTACOURSE CHANGEDVEBVEB OCSRF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL

FROM

CAMAN/SGF 25.00 DME

TO

MAPCC/SGF 29.30 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
	4.30		MAPCC/SGF 29.30 DME								
<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 (29-074417)	373743.24N/0934839.41W	1287	20	3	1A	250				RA81 MA20	1640

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH

FROM

MAPCC/SGF 29.30 DME

TO

CAMAN/25.00 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
							1284				
<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 (29-001446)	374145.06N/0934615.88W	1339	20	3	1A		ASC				3000
TOWER (29-001446)	374145.06N/0934615.88W	1339	20	3	1A	1000					2400
TERRAIN	373733.00N/0934818.00W	1076 (1100)								AS1500	2600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

AIRPORT ID
MO3

PROCEDURE NAME
VOR-A

AMDT NO.
3C

CITY
STOCKTON

STATE
MO

AIRPORT ELEVATION
1043

FACILITY
SGF

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											
BUILDING (29-041504)	373914.00N/0934831.27W	1.30	597	1136	20	3	1A	300		SI/RA81	1640
CATEGORY B											
TOWER (29-074417)	373743.24N/0934839.41W	1.84	657	1287	20	3	1A	300		RA81 XP20	1700

CIRCLING REMARKS:

XP-20: TO MAINTAIN CURRENTLY PUBLISHED MINIMUMS.

MSA

CENTER
SGF VORTAC

RADIUS
30

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
020-200	TWR (29-000537)	371309.00N/0925657.00W	110	20.2	3571	250	50	4D	1000			4600
200-020	TOWER (29-001681)	365250.00N/0934237.00W	208	33.7	1895	500	50	5D	1000			2900

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

SGF TOWER, ZKC ARTCC, COU FSS

<u>WX SERVICE</u> AWOS-3PT	<u>LOCATION</u> NVD	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> NVD	<u>DISTANCE</u> 25.91	<u>WMSCR</u> N	<u>ADJUSTMENTS</u> 81
<u>BACK-UP WX SERVICE</u> ASOS	<u>LOCATION</u> SGF	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> SGF	<u>DISTANCE</u> 32.18	<u>WMSCR</u> Y	<u>ADJUSTMENTS</u> 106

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
MO3 1043, NVD 892, SGF 1262
RA = 105.3-80.7 = 24.6.

<u>PRIMARY NAVAID</u> SGF VORTAC	<u>MONITOR POINT</u> MOCC	<u>HRS OPERATION</u> 24	<u>CAT</u> 1
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APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW01 - LIRL	NPI-G	
RW19 - LIRL	NPI-G	



GLIDESLOPE ANGLE

ELEV RWY THRESHOLD

TCH

ELEV GS ANTENNA

DISTANCE FROM RWY

VGSI ANGLE

TCH

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD

ON CENTERLINE

FT FROM THRESHOLD

FT FROM CENTERLINE

DISPLACED THRESHOLD DISTANCE

CRITICAL TEMPERATURES

CRITICAL LOW

CRITICAL HIGH

ACT

APT ISA

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	CIRCLING RWY 1
20:1	
1078 TREE (29-041323) 373914.98N/0934909.52W (13.05)	1070 TREE (29-041322) 373915.12N/0934907.02W (8.58)
1076 TREE (29-041324) 373913.65N/0934907.37W (7.05)	1076 TREE (29-041327) 373914.54N/0934912.32W (5.73)
1075 TREE (29-041326) 373913.88N/0934908.93W (5.39)	1086 TREE (29-041345) 373911.83N/0934910.06W (5.16)
1091 TREE (29-041352) 373910.26N/0934909.69W (2.96)	1069 TREE (29-048147) 373913.76N/0934905.97W (2.17)
1045 TREE (29-041422) 373919.34N/0934909.62W (1.09)	1075 TREE (29-041330) 373913.54N/0934912.03W (0.21)
FINAL TYPE	CIRCLING RWY 19
20:1	
1079 TREE (29-041376) 373954.63N/0934851.09W (31.93)	1076 TREE (29-041383) 373957.92N/0934850.79W (12.63)
1079 TREE (29-047738) 373959.04N/0934850.99W (10.42)	1083 TREE (29-041391) 374000.81N/0934850.84W (5.67)
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:

VDP NOT ESTABLISHED - PRIMARY ALTIMETER IS REMOTE.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
100 FT VEGETATION USED PER FPT.
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	ARP	TO 1000FT POINT	2.63
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	2.61
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	308.50
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1100
DISTANCE FROM	ARP	TO 1500FT POINT	4.30
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	2.44
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	308.50
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	1100

THRESHOLD COORDINATES (IF STR-IN)

ARP COORDINATES	373937.00N/0934900.60W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 1 DISTANCE 0.25 NM
FAF COORDINATES	373653.79N/0934440.06W
FIX NAME COORDINATES	

REMARKS

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
CASIMIR L. TABAKA (ROBERT A. SWINSON)	AJV-A432	02/11/2026	AERONAUTICAL INFORMATION SPECIALIST

