

RADIO FIX AND HOLDING DATA RECORD

NAME: CAMAN

STATE: MO

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 373653.79N/0934440.06W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	SPRINGFIELD	SGF	VORTAC	H	304.50	308.50	25.00	25.00	151908	2600	17500

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	SE	SGF	VORTAC	304.50	304.50	R	1	4	2600	6000	5	13

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (29-002852)	373755.54N/0933548.96W	1369	1A
1	310	TOWER (29-001495)	373732.00N/0932745.00W	1551	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	VOR-A	MO3	STOCKTON	MO (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	VOR-A	1	1	MO3	STOCKTON	MO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 07/09/2026

REASON FOR REVISION:

1. CHANGED PAT 1 MAX TEMPLATE FROM "6" TO "13".
2. ADDED PAT 1 OBSTRUCTION "310 TOWER (29-001495) 373732.00N/0932745.00W, 1551, 5D".
3. ADDED "VOR-A AT MO3" TO PROCEDURES REQUIRING CLIMB-IN-HOLD.
4. CHANGED "VOR/DME-A" TO "VOR-A AT MO3" IN FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: ROBERT SWINSON

APPROVED BY:

DATE: 06/04/2026

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
APRIL T SARMENTO
Jul 02, 2026

QUALITY
13
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MAPCC

STATE: MO

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 373933.53N/0934855.05W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FAC FEET	MRA	MAA
1	SPRINGFIELD	SGF	VORTAC	VH	304.50	308.50	29.30	29.30		1480	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	VOR-A	1		MO3	STOCKTON	MO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 07/09/2026

REASON FOR REVISION:

1. CHANGED "VOR/DME-A" TO "VOR-A AT MO3" IN FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: ROBERT SWINSON

APPROVED BY:

DATE: 06/04/2026

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE: *Digitally signed by*
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RADIO FIX AND HOLDING DATA RECORD

NAME: RIVTE

STATE: MO

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 373347.67N/0933943.72W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FAC FEET	MRA	MAA
1	SPRINGFIELD	SGF	VORTAC	VH	304.50	308.50	20.00	20.00		2600	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	VOR-A	1		MO3	STOCKTON	MO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 07/09/2026

REASON FOR REVISION:

1. CHANGED "VOR/DME-A" TO VOR-A AT MO3" IN FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: ROBERT SWINSON

APPROVED BY:

DATE: 06/04/2026

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

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RADIO FIX AND HOLDING DATA RECORD

NAME: RIZUR

STATE: MO

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 370359.70N/0933231.09W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	SPRINGFIELD	SGF	VORTAC	VH	205.95	209.95	20.00	20.00		2600	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V527	1				(US)
EN ROUTE	V63	1				(US)
IAP	VOR-A	1		MO3	STOCKTON	MO (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 07/09/2026

REASON FOR REVISION:

1. REMOVED "AIRSPACE DOCKET: 21-ACE-1".
2. CHANGED "VOR/DME-A" TO "VOR-A AT MO3" IN FIX USE.
3. CHANGED "V63-527" TO "V63" AND ADDED "V527" TO FIX USE.
4. CHANGED "CONTROLLER" TO "CONTROLLER LOW" IN REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: ROBERT SWINSON

APPROVED BY:

DATE: 06/04/2026

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE: *Digitally signed by*
APRIL T SARMENTO

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RADIO FIX AND HOLDING DATA RECORD

NAME: ROBCO

STATE: MO

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 373159.72N/0925845.94W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	SPRINGFIELD	SGF	VORTAC	VH	053.80	057.80	20.00	20.00		2600	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V132	1				(US)
EN ROUTE	V14	1				(US)
EN ROUTE	V88	1				(US)
IAP	VOR-A	1		MO3	STOCKTON	MO (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 07/09/2026

REASON FOR REVISION:

1. CHANGED "VOR/DME-A" TO VOR-A AT MO3" IN FIX USE.
2. CHANGED "V14-88-132" TO "V14", ADDED "V88" AND "V132" TO FIX USE.
3. CHANGED "CONTROLLER" TO CONTROLLER LOW" IN REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: ROBERT SWINSON

APPROVED BY:

DATE: 06/04/2026

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE: *Digitally signed by*

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13
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RADIO FIX AND HOLDING DATA RECORD

NAME: SPRINGFIELD VORTAC STATE: MO COUNTRY: US ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 372121.41N/0932002.56W TYPE:

AIRSPACE DOCKET: FIX TYPE OF ACTION: NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM FEET	MRA	MAA
1	SPRINGFIELD	SGF	VORTAC	VH						45000

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME DME	HOLDING ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	N	SGF	VORTAC	016.00	196.00	R	1	3000 17500	6 13
2	SE		WP	156.02	336.02	R	5	3000 17500	5 17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (29-001455)	372552.00N/0931605.00W	1670	3C
1	310	TOWER (29-001455)	372552.00N/0931605.00W	1670	3C
2	200	TOWER (29-000186)	371324.78N/0931430.50W	1983	2C

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 14	SGF	SPRINGFIELD	MO (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAGVAR: E4 1990.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BENTON			VBT	BENTONVILLE	AR (US)
DP	RAZORBACK			FYV	FAYETTEVILLE	AR (US)
DP	HIGHFILL			XNA	FAYETTEVILLE/SPRINGDALE/R	AR (US)
DP	ROGERS			ROG	ROGERS	AR (US)
DP	SPRING			ASG	SPRINGDALE	AR (US)
DP	RACER			FLV	FORT LEAVENWORTH	KS (US)
DP	RACER			IXD	OLATHE	KS (US)
DP	RACER			OJC	OLATHE	KS (US)
DP	RACER			MCI	KANSAS CITY	MO (US)
DP	RACER			MKC	KANSAS CITY	MO (US)
DP	RACER			LXT	LEE'S SUMMIT	MO (US)
DP	RACER			GPH	MOSBY	MO (US)
DP	RACER			STJ	ST JOSEPH	MO (US)
DP	TULSA			RVS	TULSA	OK (US)
DP	TULSA			TUL	TULSA	OK (US)
EN ROUTE	J41					(US)
EN ROUTE	J8					(US)
EN ROUTE	J98					(US)
EN ROUTE	V132					(US)
EN ROUTE	V14					(US)
EN ROUTE	V159					(US)
EN ROUTE	V527					(US)
EN ROUTE	V63					(US)
EN ROUTE	V71					(US)
EN ROUTE	V88					(US)
IAP	RNAV (GPS) RWY 18		2	M17	BOLIVAR	MO (US)
IAP	RNAV (GPS) RWY 36		2	M17	BOLIVAR	MO (US)
IAP	VOR/DME RWY 36			M17	BOLIVAR	MO (US)
IAP	VOR-A			OZS	CAMDENTON	MO (US)
IAP	VOR RWY 32			K15	OSAGE BEACH	MO (US)
IAP	HI-TACAN RWY 20			SGF	SPRINGFIELD	MO (US)
IAP	ILS OR LOC RWY 2		1	SGF	SPRINGFIELD	MO (US)
IAP	RNAV (GPS) RWY 14			SGF	SPRINGFIELD	MO (US)
IAP	VOR OR TACAN RWY 20			SGF	SPRINGFIELD	MO (US)
IAP	VOR/DME OR TACAN RWY 2		1	SGF	SPRINGFIELD	MO (US)
IAP	ILS OR LOC RWY 14		1	SGF	SPRINGFIELD	MO (US)
IAP	VOR-A			MO3	STOCKTON	MO (US)
STAR	TYGER			FLV	FORT LEAVENWORTH	KS (US)
STAR	TYGER			IXD	OLATHE	KS (US)
STAR	TYGER			OJC	OLATHE	KS (US)
STAR	TYGER			MCI	KANSAS CITY	MO (US)
STAR	TYGER			MKC	KANSAS CITY	MO (US)
STAR	TYGER			LXT	LEES SUMMIT	MO (US)

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STAR	TYGER	GPH	MOSBY	MO (US)
STAR	TYGER	STJ	ST JOSEPH	MO (US)
STAR	KAYLA (RNAV)	STL	ST LOUIS	MO (US)
STAR	KOOOP	STL	ST LOUIS	MO (US)
STAR	VINTA	RVS	TULSA	OK (US)
STAR	VINTA	TUL	TULSA	OK (US)

REQUIRED CHARTING: DP, STAR, MILITARY IAP, IAP, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 29

DATE OF REVISION: 07/09/2026

REASON FOR REVISION:

1. CHANGED "VOR/DME-A" TO "VOR-A AT MO3" IN FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: ROBERT SWINSON

APPROVED BY:

DATE: 06/04/2026

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE: *Digitally signed by*

APRIL T SARMENTO

Jul 02, 2026

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