

RADIO FIX AND HOLDING DATA RECORD

NAME: CAVED

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 394406.39N/0911111.25W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FAC FEET	MRA	MAA
1	QUINCY	UIN	VORTAC	H	142.69	147.69	8.00			2300	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	V52			K52	MONROE CITY	MO (US)
IAP	MONROE CITY REGIONAL - VOR/DME-A					

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 03/05/2001

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE:

OFFICE:

NAME:

APPROVED BY:

DATE: 06/15/2023

OFFICE: AJV-A421

NAME: JASON KRETSCHMER

SIGNATURE:

Digitally signed by

ALLAN WILL

Mar 27, 2023

DISTRIBUTION:

NFDC
FPO:
ARTCC: ZKC
ATC FACILITY:
OTHER:

QUALITY
13
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: HARDI

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 390526.34N/0903955.82W

TYPE: WP

AIRSPACE DOCKET: 22-ACE-13

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: CANCEL

REMARKS:

ATC REQUEST EN ROUTE LOW CHARTING.

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 11

FAC

PAT

AIRPORT IDENT
KALN

CITY
ALTON/ST LOUIS

STATE
IL (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 06/15/2023

REASON FOR REVISION:

1. ADDED AIRSPACE DOCKET 22-ACE-13.
2. DELETED "INT" FROM FIX TYPE.
3. DELETED STL VORTAC AND FTZ VORTAC IN FIX MAKE-UP FACILITIES -- NO GROUND BASED USE.
4. CANCELED HOLDING PATTERN, ASSOCIATED CONTROLLING OBSTRUCTION, RESTRICTION AND REMARK.
5. ADDED REMARK "ATC REQUEST EN ROUTE LOW CHARTING".
6. DELETED V52 IN FIX USE.
7. CHANGED "CONTROLLER" TO "CONTROLLER LOW" IN REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: DANIEL JOHNSEN

APPROVED BY:

DATE: 06/15/2023

OFFICE: AJV-A421

NAME: JASON KRETSCHMER

SIGNATURE:

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ALLAN WILL
Mar 27, 2023

QUALITY
13
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: LOAMY

STATE: MO

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 402528.31N/0914703.84W

TYPE: WP, DME

AIRSPACE DOCKET: 22-ACE-13

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	KIRKSVILLE	IRK	VORTAC	H	058.65	064.65	40.93	40.93		2500	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
IRK	VORTAC	R-059	41	2500	15500

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	SW	IRK	VORTAC	058.65	058.65	R	1 1/2		18000	45000	18	31
2	W		WP	247.65	067.65	R		12	24000	45000	20	30

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

FIX IS 40.93 FT OFFSET FROM CENTERLINE OF J26.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J26	1	1			(US)
EN ROUTE	V10	1				(US)
IAP	RNAV(GPS) RWY 35			KFSW	FORT MADISON	IA (US)
IAP	RNAV (GPS) RWY 14			KEOK	KEOKUK	IA (US)
IAP	RNAV (GPS) RWY 8			KEOK	KEOKUK	IA (US)
STAR	BENKY (RNAV)		2	KORD	CHICAGO	IL (US)
STAR	BRADFORD	1	1	KORD	CHICAGO	IL (US)
STAR	SHAIN (RNAV)		2	KORD	CHICAGO	IL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 14

DATE OF REVISION: 06/15/2023

REASON FOR REVISION:

1. ADDED AIRSPACE DOCKET 22-ACE-13.
2. DELETED "INT" FROM FIX TYPE.
3. DELETED UIN VORTAC IN FIX MAKE-UP FACILITIES AND ESV.
4. DELETED REMARK "KIRKSVILLE (FAC 1) AND QUINCY (FAC 2) USED TO ESTABLISH FIX COORDINATES".
5. DELETED "FIX COORDINATES ESTABLISHED AT INTERSECTION OF V10 AND V52" FROM J26 CENTERLINE REMARK.
6. DELETED V52 IN FIX USE.
7. DELETED FAC 2 FROM J26 AND V10 IN FIX USE.
8. ADDED "CONTROLLER LOW" AND "CONTROLLER HIGH" IN REQUIRED CHARTING.
9. CHANGED FAC 1 IRK MRA FROM "3000" TO "2500" IN FIX MAKE-UP FACILITIES.
10. CHANGED IRK ESV MIN/MAX ALTITUDES FROM "3000/45000" TO "2500/15500".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: DANIEL JOHNSEN

APPROVED BY:

DATE: 06/15/2023

OFFICE: AJV-A421

NAME: JASON KRETSCHMER

SIGNATURE:

Digitally signed by

ALLAN WILL

Mar 27, 2023

QUALITY
13
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: NEDLE

STATE: MO

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 391542.53N/0904809.88W

TYPE: INT, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM FEET	MRA	MAA
1	ST LOUIS	STL	VORTAC	H	327.19	328.19	28.33		2500	17500
2	FORISTELL	FTZ	VORTAC	L	008.00	013.00			2500	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
EN ROUTE

USE TITLE

V-52

FAC PAT AIRPORT IDENT CITY

STATE
(US)

REQUIRED CHARTING: CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 02/04/1993

REASON FOR REVISION:

STL MAG VAR ROTATION TO 1E 1995

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE:

OFFICE:

NAME:

APPROVED BY:

DATE: 06/15/2023

OFFICE: AJV-A421

NAME: JASON KRETSCHMER

SIGNATURE:

Digitally signed by

ALLAN WILL

DISTRIBUTION:

NFDC

FPO:

ARTCC: ZKC

ATC FACILITY: STL TOWER

OTHER:

Mar 27, 2023

QUALITY
13
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RADIO FIX AND HOLDING DATA RECORD

NAME: RIVRS

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 392521.41N/0905556.70W

TYPE: WP

AIRSPACE DOCKET: 22-ACE-13

FIX TYPE OF ACTION: MODIFY

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 MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	NW		WP	328.71	148.71	R	10	7000	17500	15	18

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	280	TOWER (29-001852)	391553.94N/0910158.45W	1294	4E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
PAT 1 280 KIAS PER ATC REQUEST DUE TO TURBULENCE AND USAF OPS.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T251					(US)
STAR	LORLE (RNAV)		1	KSTL	ST LOUIS	MO (US)

REQUIRED CHARTING: STAR, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10

DATE OF REVISION: 06/15/2023

REASON FOR REVISION:

1. ADDED AIRSPACE DOCKET 22-ACE-13.
2. DELETED "INT" FROM FIX TYPE.
3. DELETED UIN VORTAC IN FIX MAKE-UP FACILITIES.
4. DELETED FIX RESTRICTION "MRA V52 6000".
5. DELETED REMARK "QUINCY (FAC 1) AND SPINNER (FAC 2) USED TO ESTABLISH FIX COORDINATES".
6. DELETED V52 IN FIX USE.
7. FAC 1 SPI CLASS CHANGED FROM "H" TO VH" IN FIX MAKE-UP FACILITIES.

03/22/23: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 01/25/23.

1. DELETED "INT" IN FIX TYPE.
2. DELETED SPI VORTAC IN FIX MAKE-UP FACILITIES -- NO GROUND BASED USE.
3. DELETED SPI ESV.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: DANIEL JOHNSEN

APPROVED BY:

DATE: 06/15/2023

OFFICE: AJV-A421

NAME: JASON KRETSCHMER

SIGNATURE:

Digitally signed by

ALLAN WILL

Mar 27, 2023

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