

RADIO FIX AND HOLDING DATA RECORD

NAME: OTTUMWA VOR/DME

STATE: IA

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 410144.93N/0921933.26W

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	OTTUMWA	OTM	VOR/DME	L							17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	SE	OTM	VOR/DME	123.00	303.00	R	1		3000	17500	4	16
2	SE		WP	123.00	303.00	R		4	2800	6000	5	13

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (19-000974)	405610.00N/0921017.00W	1245	5D
1	310	TOWER (19-000343)	405808.00N/0922514.00W	1300	4D
2	200	TOWER (19-000974)	405610.00N/0921017.00W	1245	5D
2	310	TOWER (19-000343)	405808.00N/0922514.00W	1300	4D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 31	KOTM	OTTUMWA	IA (US)
1	VOR RWY 13	KOTM	OTTUMWA	IA (US)
1	LOC BC RWY 13	KOTM	OTTUMWA	IA (US)
2	RNAV (GPS) RWY 13	KOTM	OTTUMWA	IA (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAGVAR: 6E/1965.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ROYAL			KFLV	FORT LEAVENWORTH	KS (US)
DP	ROYAL			KIXD	OLATHE	KS (US)
DP	ROYAL			KOJC	OLATHE	KS (US)
DP	ROYAL			KMCI	KANSAS CITY	MO (US)
DP	ROYAL			KMKC	KANSAS CITY	MO (US)
DP	ROYAL			KLXT	LEES SUMMIT	MO (US)
DP	ROYAL			KGPH	MOSBY	MO (US)
DP	ROYAL			KSTJ	ST JOSEPH	MO (US)
EN ROUTE	V206					(US)
EN ROUTE	V216					(US)
EN ROUTE	V434					(US)
EN ROUTE	V48					(US)
EN ROUTE	V52					(US)
IAP	VOR/DME RWY 31		1	KOOA	OSKALOOSA	IA (US)
IAP	ILS OR LOC RWY 31		1	KOTM	OTTUMWA	IA (US)
IAP	LOC BC RWY 13		1	KOTM	OTTUMWA	IA (US)
IAP	RNAV (GPS) RWY 13		2	KOTM	OTTUMWA	IA (US)
IAP	VOR RWY 13		1	KOTM	OTTUMWA	IA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 20

DATE OF REVISION: 12/29/2022

REASON FOR REVISION:

1. REMOVED IAP NDB RWY 36 FOR 4K6 FROM FIX USE.
2. ADDED MILITARY DP TO REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: ZACHARY KRUEGER

APPROVED BY:

DATE: 12/29/2022

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: ST LOUIS VORTAC **STATE:** MO **COUNTRY:** US **ICAO REGION CODE:** K3

LATITUDE/LONGITUDE: 385138.60N/0902856.46W **TYPE:**

AIRSPACE DOCKET: 22-ACE-13 **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	ST LOUIS	STL	VORTAC	H							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	SE	STL	VORTAC	150.00	330.00	R	1		3000	6000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	385012.00N/0902039.00W	873	4E
1	310	TOWER (17-001582)	390014.00N/0902958.00W	1150	5E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 6	KSTL	ST LOUIS	MO (US)
1	ILS OR LOC RWY 30L	KSTL	ST LOUIS	MO (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
STL MAGVAR 1995/E1.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	GATEWAY			KALN	ALTON/ST LOUIS	IL (US)
DP	LINDBERGH			KALN	ALTON/ST LOUIS	IL (US)
DP	OZARK			KALN	ALTON/ST LOUIS	IL (US)
DP	PLESS			KALN	ALTON/ST LOUIS	IL (US)
DP	GATEWAY			KBLV	BELLEVILLE	IL (US)
DP	LINDBERGH			KBLV	BELLEVILLE	IL (US)
DP	OZARK			KBLV	BELLEVILLE	IL (US)
DP	PLESS			KBLV	BELLEVILLE	IL (US)
DP	GATEWAY			KCPS	CAHOKIA/ST LOUIS	IL (US)
DP	LINDBERGH			KCPS	CAHOKIA/ST LOUIS	IL (US)
DP	OZARK			KCPS	CAHOKIA/ST LOUIS	IL (US)
DP	PLESS			KCPS	CAHOKIA/ST LOUIS	IL (US)
DP	ROCKY			KEYE	INDIANAPOLIS	IN (US)
DP	ROCKY			KHFY	INDIANAPOLIS	IN (US)
DP	ROCKY			KIND	INDIANAPOLIS	IN (US)
DP	ROCKY			KMQJ	INDIANAPOLIS	IN (US)
DP	ROCKY			KTYQ	INDIANAPOLIS	IN (US)
DP	ROCKY			KUMP	INDIANAPOLIS	IN (US)
DP	ROCKY			KGEZ	SHELBYVILLE	IN (US)
DP	GATEWAY			KSTL	ST LOUIS	MO (US)
DP	LINDBERGH			KSTL	ST LOUIS	MO (US)
DP	OZARK			KSTL	ST LOUIS	MO (US)
DP	PLESS			KSTL	ST LOUIS	MO (US)
DP	GATEWAY			KSUS	ST LOUIS	MO (US)
DP	LINDBERGH			KSUS	ST LOUIS	MO (US)
DP	OZARK			KSUS	ST LOUIS	MO (US)
DP	PLESS			KSUS	ST LOUIS	MO (US)
EN ROUTE	J101					(US)
EN ROUTE	J110					(US)
EN ROUTE	J134					(US)
EN ROUTE	J151					(US)
EN ROUTE	J19					(US)
EN ROUTE	J233					(US)
EN ROUTE	J24					(US)
EN ROUTE	J35					(US)
EN ROUTE	J45					(US)
EN ROUTE	J8					(US)
EN ROUTE	Q176					(US)
EN ROUTE	Q19					(US)
EN ROUTE	V14					(US)
EN ROUTE	V4					(US)
EN ROUTE	V52					(US)
EN ROUTE	V580					(US)
EN ROUTE	V9					(US)

IAP	ILS OR LOC RWY 29		KALN	ALTON/ST LOUIS	IL (US)
IAP	NDB RWY 17		KALN	ALTON/ST LOUIS	IL (US)
IAP	VOR-A		KALN	ALTON/ST LOUIS	IL (US)
IAP	VOR RWY 18		KSET	ST CHARLES	MO (US)
IAP	ILS OR LOC RWY 12L		KSTL	ST LOUIS	MO (US)
IAP	ILS OR LOC RWY 12R		KSTL	ST LOUIS	MO (US)
IAP	ILS OR LOC RWY 24		KSTL	ST LOUIS	MO (US)
IAP	ILS OR LOC RWY 30L	1	KSTL	ST LOUIS	MO (US)
IAP	ILS OR LOC RWY 6	1	KSTL	ST LOUIS	MO (US)
IAP	ILS RWY 12L (CAT II & III)		KSTL	ST LOUIS	MO (US)
IAP	TACAN RWY 12R		KSTL	ST LOUIS	MO (US)
IAP	TACAN RWY 30L		KSTL	ST LOUIS	MO (US)
IAP	ILS OR LOC RWY 26L		KSUS	ST LOUIS	MO (US)
IAP	ILS OR LOC RWY 8R		KSUS	ST LOUIS	MO (US)
STAR	BUUDD (RNAV)		KBLV	BELLEVILLE	IL (US)
STAR	BUUDD (RNAV)		KCPD	CAHOKIA/ST LOUIS	IL (US)
STAR	BRADFORD		KORD	CHICAGO	IL (US)
STAR	SHAIN (RNAV)		KORD	CHICAGO	IL (US)
STAR	TRTLL (RNAV)		KORD	CHICAGO	IL (US)
STAR	KOOOP		KSTL	ST LOUIS	MO (US)
STAR	VANDALIA		KSTL	ST LOUIS	MO (US)
STAR	BUUDD (RNAV)		KSUS	ST LOUIS	MO (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 30

DATE OF REVISION: 06/15/2023

REASON FOR REVISION:

1. ADDED AIRSPACE DOCKET 22-ACE-13.
2. DELETED V582 IN FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: DANIEL JOHNSON

APPROVED BY:

DATE: 06/15/2023

OFFICE: AJV-A421

NAME: JASON KRETSCHMER

SIGNATURE: