

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** JOLIET VOR/DME      **STATE:** IL      **COUNTRY:** US      **ICAO REGION CODE:** K5

**LATITUDE/LONGITUDE:** 413247.11N/0881906.28W      **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	JOLIET	JOT	VOR/DME	H							45000

**HOLDING:**      **HOLDING TYPE OF ACTION:** MODIFY

**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	E	JOT	VOR/DME	102.32	282.32	R	1	2300 6000	4 5
2	SW	JOT	VOR/DME	231.00	051.00	R	1	2200 6000	4 5
3	SW	JOT	VOR/DME	246.00	066.00	R	1	2500 6000	4 5
4	W	JOT	VOR/DME	268.00	088.00	R	1 1/2	18000 45000	16 29
5	SW		WP	231.00	051.00	R		2300 6000	5 6
6	SW	JOT	VOR/DME	203.89	023.89	R	1	2500 6000	4 5
7	SE		WP	137.19	317.19	R		2600 6000	5 6

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (17-001137)	413045.00N/0881518.00W	1043	5D
2	200	TOWER (17-001137)	413045.00N/0881518.00W	1043	5D
3	200	TOWER (17-001137)	413045.00N/0881518.00W	1043	5D
4	200	TOWER (17-001137)	413045.00N/0881518.00W	1043	5D
5	200	TOWER (17-001137)	413045.00N/0881518.00W	1043	5D
6	200	TOWER (17-001137)	413045.00N/0881518.00W	1043	5D
7	200	STACK (17-000092)	412943.00N/0880728.00W	1065	5D

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERNS.

**REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
ASSIGNED FACILITY MAG VAR: 2E 1965.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J101					(US)
EN ROUTE	J146		4			(US)
EN ROUTE	J18					(US)
EN ROUTE	J26					(US)
EN ROUTE	J30					(US)
EN ROUTE	J35					(US)
EN ROUTE	J60		4			(US)
EN ROUTE	J82					(US)
EN ROUTE	J87					(US)
EN ROUTE	J96					(US)
EN ROUTE	V171					(US)
EN ROUTE	V262					(US)
EN ROUTE	V429					(US)
EN ROUTE	V586					(US)
EN ROUTE	V69					(US)
EN ROUTE	V8					(US)
IAP	RNAV (GPS)-B	5	K1C5	BOLINGBROOK		IL (US)
IAP	VOR-A	2	K1C5	BOLINGBROOK		IL (US)
IAP	RNAV (GPS) RWY 9		KIGQ	CHICAGO		IL (US)
IAP	RNAV (GPS) RWY 13L		KMDW	CHICAGO		IL (US)
IAP	RNAV (GPS) RWY 31R		KMDW	CHICAGO		IL (US)
IAP	RNAV (GPS) RWY 4L		KMDW	CHICAGO		IL (US)
IAP	RNAV (GPS) Z RWY 4R		KMDW	CHICAGO		IL (US)
IAP	ILS OR LOC RWY 22L		KORD	CHICAGO		IL (US)
IAP	ILS OR LOC RWY 28L	3	KORD	CHICAGO		IL (US)
IAP	ILS PRM Y RWY 10R (CLOSE PARALLEL)	3	KORD	CHICAGO		IL (US)
IAP	ILS RWY 22L (SA CAT I-II)		KORD	CHICAGO		IL (US)
IAP	ILS RWY 28L (CAT II & III)	3	KORD	CHICAGO		IL (US)
IAP	ILS RWY 28L (SA CAT I)	3	KORD	CHICAGO		IL (US)
IAP	ILS Y OR LOC Y RWY 10R	3	KORD	CHICAGO		IL (US)
IAP	ILS Z OR LOC Z RWY 10R	3	KORD	CHICAGO		IL (US)
IAP	ILS Z RWY 10R (CAT II-III)	3	KORD	CHICAGO		IL (US)
IAP	ILS Z RWY 10R (SA CAT I)	3	KORD	CHICAGO		IL (US)
IAP	ILS OR LOC RWY 9		KARR	CHICAGO/AURORA		IL (US)
IAP	LOC RWY 33		KARR	CHICAGO/AURORA		IL (US)
IAP	RNAV (GPS) RWY 27		KARR	CHICAGO/AURORA		IL (US)
IAP	RNAV (GPS) RWY 33		KARR	CHICAGO/AURORA		IL (US)
IAP	VOR RWY 36		KARR	CHICAGO/AURORA		IL (US)

QUALITY  
21  
CHECKED

IAP	LOC RWY 2	3	KLOT	CHICAGO/ROMEOVILLE	IL (US)
IAP	LOC/DME RWY 9	3	KLOT	CHICAGO/ROMEOVILLE	IL (US)
IAP	RNAV (GPS) RWY 2		KLOT	CHICAGO/ROMEOVILLE	IL (US)
IAP	ILS OR LOC RWY 10	1	KDPA	CHICAGO/WEST CHICAGO	IL (US)
IAP	ILS OR LOC RWY 2L		KDPA	CHICAGO/WEST CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 10	7	KDPA	CHICAGO/WEST CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 20L	5	KDPA	CHICAGO/WEST CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 20R	5	KDPA	CHICAGO/WEST CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 2L		KDPA	CHICAGO/WEST CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 2R		KDPA	CHICAGO/WEST CHICAGO	IL (US)
IAP	VOR-A		KC09	MORRIS	IL (US)
SPECIAL IAP	VOR OR GPS RWY 36	6	KLL10	NAPERVILLE	IL (US)
STAR	MOTIF		KMDW	CHICAGO	IL (US)
STAR	MOTIF		KGYG	GARY	IN (US)
STAR	CEGRM (RNAV)		KCVG	COVINGTON	KY (US)
STAR	SHELBYVILLE		KCVG	COVINGTON	KY (US)
STAR	SHELBYVILLE		KK62	FALMOUTH	KY (US)
STAR	SHELBYVILLE		KI69	BATAVIA	OH (US)
STAR	SHELBYVILLE		KLUK	CINCINNATI	OH (US)
STAR	SHELBYVILLE		KHAO	HAMILTON	OH (US)

**REQUIRED CHARTING:** SECTIONAL, VFR TERMINAL AREA, STAR, IAP, AREA, EN ROUTE LOW, EN ROUTE HIGH, SPECIAL IAP, CONTROLLER LOW, CONTROLLER HIGH

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 38

**DATE OF REVISION:** 10/07/2021

**REASON FOR REVISION:**

AIRSPACE DOCKET: REMOVED 19-AGL-7.

HOLDING: REMOVED UNPLANNED HOLDING DATA AND HOLDING RESTRICTION.

HOLDING RESTRICTIONS: ADDED HOLDING LIMITED TO ESTABLISHED PATTERNS.

FIX USE: REMOVED (ALT MA) FROM THE TITLE OF ALL IAPS. COMBINED KORD ILS RWY 22L (SA CAT I) AND ILS RWY 22L (SA CAT II) INTO A SINGLE ENTRY.

**INITIATED BY:**                      **DATE:**                      **ORGANIZATION:**                      **NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**                      AJV-A423                      **NAME:** BARRY SMITH

**APPROVED BY:**                      **DATE:**                      **OFFICE:** AJV-A420                      **NAME:** MARLON ROBINSON

*Digitally signed by*

**SIGNATURE:**                      **ALLAN WILL**

May 28, 2021

**DISTRIBUTION:**                      **NFDC**  
**FPO:** CEN  
**ARTCC:** ZAU  
**ATC FACILITY:** CHICAGO APP CON  
**OTHER:**

QUALITY  
21  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: TRIDE STATE: IL COUNTRY: US ICAO REGION CODE: K5  
 LATITUDE/LONGITUDE: 412759.43N/0891157.67W 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 FAC NM	MRA	MAA
1	JOLIET	JOT	VOR/DME	H	261.41	263.41	40.00	40.00	2600	17500
2	PEOTONE	EON	VORTAC	L	278.98	280.98	64.71	64.71	4000	17500

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
EON	VORTAC	R-279	65	4000	17500

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	W	JOT	VOR/DME	261.41	081.41	R	1	2600 14000	6 12
2	SW	WP	WP	225.95	045.95	R	9	5000 45000	13 30

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (17-002541)	412927.00N/0891705.00W	1196	2C
2	200	TOWER (17-002541)	412927.00N/0891705.00W	1196	2C

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

## REMARKS:

JOLIET (FAC 1) USED TO ESTABLISH FIX COORDINATES  
 ENROUTE HOLDING AT ATC REQUEST, NO CHARTED DEPICTION.  
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
 WP HOLDING EVALUATED AT 9 DME LEGS AT ATC REQUEST.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V38	2				(US)
EN ROUTE	V8	1				(US)
IAP	RNAV (GPS) 25			KSQI	STERLING-ROCKFALLS	IL (US)
STAR	SHAIN (RNAV)		2	KORD	CHICAGO	IL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8 DATE OF REVISION: 10/07/2021

## REASON FOR REVISION:

TYPE: REMOVED INT.  
 FIX MAKE-UP FACILITIES: REMOVED FAC 3 (RFD) - RFD VOR MON.  
 ESV: REMOVED RFD VOR/DME ESV DATA. CHANGED EON VORTAC MIN ALTITUDE FROM 2400 TO 4000.  
 FIX USE: REMOVED FAC 3 FROM V8 AND V38.

INITIATED BY: DATE: ORGANIZATION: NAME:  
 OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 NAME: BARRY SMITH  
 APPROVED BY: DATE: OFFICE: AJV-A420 NAME: MARLON ROBINSON  
 SIGNATURE: *Digitally signed by*  
**ALLAN WILL**  
 May 28, 2021  
 DISTRIBUTION: NFDG  
 FPO: CEN  
 ARTCC: ZAU  
 ATC FACILITY: RFD APP CON  
 OTHER:

