

RADIO FIX AND HOLDING DATA RECORD

NAME: JOLNI

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 422257.33N/0884919.96W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 25

FAC

PAT

AIRPORT IDENT
KRFD

CITY
CHICAGO/ROCKFORD

STATE
IL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/31/2012

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 11/09/2011

OFFICE: AJV-351

NAME: TERENCE SHARP (ANDREA CHANEY)

APPROVED BY:

DATE: 03/09/2012

OFFICE: AJV-353

NAME: LARRY STROUT

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZAU
ATC FACILITY: RFD ATCT, RFD APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: JANESVILLE VOR/DME

STATE: WI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 423328.83N/0890618.93W

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	JANESVILLE	JVL	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	NW	JVL	VOR/DME	297.50	117.50	R	1		2700	12000	4	9
2	SW	JVL	VOR/DME	214.29	034.29	L	1		3100	12000	4	9
3	W	JVL	VOR/DME	289.01	109.01	R	1-1 1/2		2700	17500	4	13
4	NE	JVL	VOR/DME	035.19	215.19	R	1		3100	12000	4	9
5	NW		WP	294.00	114.00	R		10	9000	23000	15	20
6	W		WP	291.00	111.00	R		10	7000	14000	15	17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (55-001430)	423659.00N/0891802.00W	1326	2C
2	200	TOWER (55-000711)	423522.36N/0891009.16W	1259	1A
3	200	TOWER (55-001430)	423659.00N/0891802.00W	1326	2C
4	200	TOWER (55-000711)	423522.36N/0891009.16W	1259	1A
5	230	TOWER (55-001319)	424340.40N/0891358.40W	2049	5D
6	230	TOWER (55-001319)	424340.40N/0891358.40W	2049	5D

REASON FOR NONSTANDARD HOLDING:

PAT 2 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

JVL MVAR: E03/1965.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	MITCHELL			KMKE	MILWAUKEE	WI (US)
EN ROUTE	V128					(US)
EN ROUTE	V177					(US)
EN ROUTE	V216					(US)
EN ROUTE	V24					(US)
EN ROUTE	V246					(US)
EN ROUTE	V63					(US)
EN ROUTE	V9					(US)
EN ROUTE	V97					(US)
IAP	LOC BC RWY 19			KRFD	CHICAGO/ROCKFORD	IL (US)
IAP	RNAV (GPS) RWY 19			KRFD	CHICAGO/ROCKFORD	IL (US)
IAP	RNAV (GPS) RWY 25			KRFD	CHICAGO/ROCKFORD	IL (US)
IAP	ILS OR LOC RWY 2			KDKB	DE KALB	IL (US)
IAP	ILS OR LOC RWY 24			KFEP	FREEPORT	IL (US)
IAP	RNAV (GPS) RWY 24			KFEP	FREEPORT	IL (US)
IAP	VOR RWY 24			KFEP	FREEPORT	IL (US)
IAP	VOR-A			KC77	POPLAR GROVE	IL (US)
IAP	VOR-A		1	K44C	BELOIT	WI (US)
IAP	ILS OR LOC RWY 32			KJVL	JANESVILLE	WI (US)
IAP	ILS OR LOC RWY 4			KJVL	JANESVILLE	WI (US)
IAP	ILS OR LOC RWY 7L			KENW	KENOSHA	WI (US)
IAP	ILS OR LOC/DME RWY 36			KMSN	MADISON	WI (US)
IAP	ILS RWY 36 (CAT II - III)			KMSN	MADISON	WI (US)
IAP	ILS RWY 36 (SA CAT I)			KMSN	MADISON	WI (US)
IAP	RNAV(GPS) RWY 36			KMSN	MADISON	WI (US)
IAP	RNAV (GPS) RWY 28			KC29	MIDDLETON	WI (US)
IAP	VOR/DME RWY 30			KEFT	MONROE	WI (US)
IAP	RNAV (GPS) RWY 05			KRYV	WATERTOWN	WI (US)
IAP	RNAV (GPS) RWY 11			KRYV	WATERTOWN	WI (US)
STAR	FYTTE (RNAV)		5	KORD	CHICAGO	IL (US)
STAR	JANESVILLE		3	KORD	CHICAGO	IL (US)
STAR	GOPAC (RNAV)		6	KUGN	CHICAGO/WAUKEGAN	IL (US)
STAR	GOPAC (RNAV)		6	KBUU	BURLINGTON	WI (US)
STAR	GOPAC (RNAV)		6	K57C	EAST TROY	WI (US)
STAR	GOPAC (RNAV)		6	KHXF	HARTFORD	WI (US)
STAR	GOPAC (RNAV)		6	KENW	KENOSHA	WI (US)
STAR	GOPAC (RNAV)		6	KMKE	MILWAUKEE	WI (US)

STAR	GOPAC (RNAV)	6	KMWC	MILWAUKEE	WI (US)
STAR	GOPAC (RNAV)	6	KRAC	RACINE	WI (US)
STAR	GOPAC (RNAV)	6	KUES	WAUKESHA	WI (US)
STAR	GOPAC (RNAV)	6	KETB	WEST BEND	WI (US)

REQUIRED CHARTING: SECTIONAL, DP, STAR, IAP, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 28

DATE OF REVISION: 11/08/2018

REASON FOR REVISION:

REMARKS - ADDED JVL MAG VAR.

FIX USE - CHANGED PROCEDURE TITLE AT K44C FROM VOR OR GPS-A TO VOR-A.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5422

NAME: DAVID DOWLING

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: CEN

ARTCC: ZAU

ATC FACILITY: RFD APP CON

OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: NUELG STATE: IL COUNTRY: US ICAO REGION CODE: K5
 LATITUDE/LONGITUDE: 415905.90N/0883921.51W TYPE: WP, INT, 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	MRA	MAA
1	JOLIET	JOT	VOR/DME	H	328.16	330.16	30.36	30.36	4000	17500
2	DUPAGE	DPA	VOR/DME	L	290.61	292.61	14.82	14.82	2600	17500
3	POLO	PLL	VOR/DME	L	085.00	088.00	38.87	38.87	2600	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	HOLDING ALTITUDES DME MIN MAX	TEMPLATES MIN MAX
1	NW		WP	330.93	150.93	R	4	3000 6000	5 6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (17-003098)	420428.00N/0884924.00W	1275	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

JOLIET (FAC 1) AND DUPAGE (FAC 2) USED TO ESTABLISH FIX COORDINATES
 PRECIPITIOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V172	1, 2, 3				(US)
EN ROUTE	V177	1, 2, 3				(US)
IAP	RNAV (GPS) RWY 15			KARR	CHICAGO/AURORA	IL (US)
IAP	RNAV (GPS) RWY 9			KARR	CHICAGO/AURORA	IL (US)
IAP	RNAV (GPS) RWY 8			K3CK	CHICAGO/LAKE IN THE HILLS	IL (US)
IAP	RNAV (GPS) RWY 1			KRFD	CHICAGO/ROCKFORD	IL (US)
IAP	RNAV (GPS) RWY 25			KRFD	CHICAGO/ROCKFORD	IL (US)
IAP	RNAV (GPS) RWY 10			KDPA	CHICAGO/WEST CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 20L			KDPA	CHICAGO/WEST CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 20R			KDPA	CHICAGO/WEST CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 2L		1	KDPA	CHICAGO/WEST CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 2R		1	KDPA	CHICAGO/WEST CHICAGO	IL (US)
IAP	RNAV (GPS)-B			K10C	GREENWOOD/WONDER LAKE	IL (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7 DATE OF REVISION: 09/13/2018

REASON FOR REVISION:

FIX MAKE-UP: UPDATED FAC 1 TYPE FROM VORTAC TO VOR/DME.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE:	OFFICE: AJV-5433	NAME: (JACOB MAXFIELD)
APPROVED BY:	DATE:	OFFICE:	NAME:

SIGNATURE:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: RUDGE

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 420617.38N/0892211.05W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

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 MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	W		WP	248.24	068.24	R	4	2500	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	COOL TWR (17-001213)	420434.00N/0891643.00W	1376	3C

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 25		1	KRFD	CHICAGO/ROCKFORD	IL (US)
IAP	RNAV (GPS) RWY 7		1	KRFD	CHICAGO/ROCKFORD	IL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 11/08/2018

REASON FOR REVISION:

CHANGED HOLDING PATTERN 1 CRS INBOUND FROM 65.24 TO 68.24.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5431

NAME: LIAM DONAHUE

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZAU
ATC FACILITY: RFD ATCT, RFD APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: SMULA

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 422027.94N/0883935.70W

TYPE: WP, INT, 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	ROCKFORD	RFD	VOR/DME	L	072.73	073.73	25.00	25.00		2800	17500
2	JANESVILLE	JVL	VOR/DME	L	120.18	123.18		23.68		2800	17500

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	W	RFD	VOR/DME	073.00	073.00	L	1-1 1/2	2800 17500	5 17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (17-000297)	421749.00N/0891422.00W	1549	4D

REASON FOR NONSTANDARD HOLDING:

PAT 1 SEPARATION FROM CHICAGO O'HARE TRAFFIC

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

ROCKFORD (FAC 1) AND JANESVILLE (FAC 2) USED TO ESTABLISH FIX COORDINATES
CHART HOLDING PATTERN 1 ON ENROUTE LOW
CHICAGO ARRIVAL ATC SECONDARY FIX.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V100	1, 2	1	KRFD	CHICAGO/ROCKFORD	(US)
IAP	RNAV (GPS) RWY 25					IL (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 05/31/2012

REASON FOR REVISION:

ADDED WP TO FIX TYPE.
ADDED FAC1 AND FAC2 DIST FROM FAC 25NM AND 23.68NM.
MRA CHANGED FROM 2600 TO 2800 FOR FAC 1 AND FAC 2.
DELETED 4 DME LEG LENGTH FROM HOLDING PATTERN 1.
UPDATED HOLDING MIN TEMPLATE FROM 6 TO 5.
UPDATED CONTROLLING OBSTRUCTION AND CHANGED AIRSPEED FROM 230 TO 200.
ADDED "PRECIPITOUS TERRAIN EVALUATION COMPLETED" NOTE.
UPDATED FIX USE.
ADDED IAP TO REQUIRED CHARTING LIST.
ADDED "HOLDING LIMITED TO ESTABLISHED PATTERNS" NOTE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 11/08/2011

OFFICE: AJV-351

NAME: TERENCE SHARP (ANDREA CHANEY)

APPROVED BY:

DATE: 03/09/2012

OFFICE: AJV-353

NAME: LARRY STROUT

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZAU
ATC FACILITY: RFD ATCT, RFD APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: SUGEE

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 421420.07N/0885835.52W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 25

FAC

PAT

AIRPORT IDENT
KRFD

CITY
CHICAGO/ROCKFORD

STATE
IL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 05/31/2012

REASON FOR REVISION:

FIX LATITUDE/LONGITUDE COORDINATES CHANGED FROM 421418.08N/0885841.37W TO 421420.07N/0885835.52W. FIX MOVED .08NM NE.
DELETED FIX MAKEUP FACILITIES.
UPDATED FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 11/08/2011

OFFICE: AJV-351

NAME: TERENCE SHARP (ANDREA CHANEY)

APPROVED BY:

DATE: 03/09/2012

OFFICE: AJV-353

NAME: LARRY STROUT

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZAU
ATC FACILITY: RFD ATCT, RFD APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: TONGE

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 421648.73N/0885115.33W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

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 MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	E		WP	068.59	248.59	R	4	2500	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (17-001985)	421920.70N/0885714.40W	1255	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 25		1	KRFD	CHICAGO/ROCKFORD	IL (US)
IAP	RNAV (GPS) RWY 7		1	KRFD	CHICAGO/ROCKFORD	IL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 11/08/2018

REASON FOR REVISION:

CHANGED HOLDING PATTERN 1 CRS INBOUND FROM 245.59 TO 248.59.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5431

NAME: LIAM DONAHUE

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZAU
ATC FACILITY:
OTHER: RFD ATCT, RFD APP CON

RADIO FIX AND HOLDING DATA RECORD

NAME: UJAVO

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 421303.55N/0884606.20W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE

RNAV (GPS) RWY 25

FAC

PAT

AIRPORT IDENT

KRFD

CITY

CHICAGO/ROCKFORD

STATE

IL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/31/2012

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 11/09/2011

OFFICE: AJV-351

NAME: TERENCE SHARP (ANDREA CHANEY)

APPROVED BY:

DATE: 03/09/2012

OFFICE: AJV-353

NAME: LARRY STROUT

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: CEN

ARTCC: ZAU

ATC FACILITY: RFD ATCT, RFD APP CON

OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: WUBUV

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 421255.82N/0890244.02W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 25

FAC PAT

AIRPORT IDENT
KRFD

CITY
CHICAGO/ROCKFORD

STATE
IL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 06/30/2011

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 01/31/2011

OFFICE: AVN-120

NAME: CHRIS O'BRIEN

APPROVED BY:

DATE: 04/05/2011

OFFICE: AVN-120

NAME: GREGORY YAMAMOTO

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZAU
ATC FACILITY:
OTHER: