

RADIO FIX AND HOLDING DATA RECORD

NAME: BRIBE STATE: WI COUNTRY: US ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 424754.00N/0895625.30W 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	NODINE	ODI	VORTAC	H	133.46	134.46	94.52	94.52	18000	45000
2	DUBUQUE	DBQ	VORTAC	H	050.79	054.79		41.56	18000	45000
3	NORTHBROOK	OBK	VOR/DME	H	294.08	292.08	94.79	94.79	18000	45000
4	JANESVILLE	JVL	VOR/DME	L	288.59	291.59	39.67	39.67	18000	33000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
JVL	VOR/DME	R-289	40	18000	33000

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	JVL	VOR/DME	288.59	108.59	R	1 1/2	18000 33000	18 26

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

NODINE (FAC 1) AND DUBUQUE (FAC 2) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J30	1, 2				(US)
EN ROUTE	J90	2, 3	1			(US)
STAR	JANESVILLE	2, 3, 4	1	KORD	CHICAGO	IL (US)

REQUIRED CHARTING: STAR, EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

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

REASON FOR REVISION:

UPDATED REQUIRED CHARTING, FROM CONTROLLER TO CONTROLLER HIGH.

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A422 NAME: HEIDI SNIDER

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

SIGNATURE: Digitally signed by

DISTRIBUTION: NFDC
FPO: CEN
ARTCC: ZAU
ATC FACILITY:
OTHER:
JOHN BORDY
Jun 01, 2021

QUALITY
16
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: BULLZ

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 422727.26N/0884616.67W

TYPE: WP, 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	JANESVILLE	JVL	VOR/DME	L	109.01	112.01	16.00	16.00		2900	17500

HOLDING:

HOLDING TYPE OF ACTION: CANCEL

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V24					(US)
IAP	RNAV (GPS) RWY 19			KRFD	CHICAGO/ROCKFORD	IL (US)
STAR	JANESVILLE			KORD	CHICAGO	IL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 16

DATE OF REVISION: 10/07/2021

REASON FOR REVISION:

1. REMOVED FIX MAKE UP FACILITY RFD - FACILITY DECOMMISSIONING.
2. REMOVED REMARK: JANESVILLE (FAC 1) AND ROCKFORD (FAC 2) USED TO ESTABLISH FIX COORDINATES AND PRECIPITOUS TERRAIN EVALUATION COMPLETED.
3. REMOVED FIX TYPE: INT
4. DELETED HOLDING PATTERN AND ASSOCIATED DATA
5. UPDATED FIX USE, REMOVED HOLDING FROM STAR JANESVILLE, KORD AND V24.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: HEIDI SNIDER

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

Digitally signed by

JOHN BORDY

DISTRIBUTION:

NFDC

FPO: CEN

ARTCC: ZAU

ATC FACILITY: RFD APP CON

OTHER:

Jun 01, 2021

QUALITY
16
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: JIBOR STATE: WI COUNTRY: US ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 425025.45N/0900530.50W 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	NORTHBROOK	OBK	VOR/DME	H	294.08	292.08	101.94	101.94	18000	45000
2	DUBUQUE	DBQ	VORTAC	H	041.88	045.88		37.96	18000	45000
3	MASON CITY	MCW	VOR/DME	H	089.00	095.00	143.45	143.45	18000	45000
4	JANESVILLE	JVL	VOR/DME	L	288.54	291.54		46.82	18000	33000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
JVL	VOR/DME	R-289	47	18000	33000
MCW	VOR/DME	R-089	144	18000	45000

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

NORTHBROOK (FAC 1) AND DUBUQUE (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J90	1, 2, 3				(US)
STAR	JANESVILLE	1, 2, 3, 4		KORD	CHICAGO	IL (US)

REQUIRED CHARTING: STAR, EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5 DATE OF REVISION: 10/07/2021

REASON FOR REVISION:

UPDATED REQUIRED CHARTING FROM CONTROLLER TO CONTROLLER HIGH.

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A422 NAME: HEIDI SNIDER

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

SIGNATURE:

Digitally signed by

JOHN BORDY

Jun 01, 2021

DISTRIBUTION:

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

QUALITY
16
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: LARVA

STATE: WI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 425256.17N/0903305.96W

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 NM	FAC FEET	MRA	MAA
1	MASON CITY	MCW	VOR/DME	H	089.00	095.00	123.00	123.00		18000	45000
2	DUBUQUE	DBQ	VORTAC	H	009.54	013.54		29.67		18000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

MASON CITY (FAC 1) AND DUBUQUE (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J90	1, 2		KORD	CHICAGO	(US)
STAR	JANESVILLE	1, 2				IL (US)

REQUIRED CHARTING: STAR, EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 10/07/2021

REASON FOR REVISION:

UPDATED REQUIRED CHARTING FROM CONTROLLER TO CONTROLLER HIGH.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: HEIDI SNIDER

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

Digitally signed by

JOHN BORDY

Jun 01, 2021

DISTRIBUTION:

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

QUALITY
16
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MASON CITY VOR/DME **STATE:** IA **COUNTRY:** US **ICAO REGION CODE:** K3

LATITUDE/LONGITUDE: 430541.13N/0931947.54W **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	MASON CITY	MCW	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	W	MCW	VORTAC	278.00	098.00	L	1	3000 45000	4 29
2	S	MCW	VORTAC	176.00	356.00	R	1	3000 6000	4 5
3	W	WP	WP	278.00	098.00	L	10	15000 45000	16 30

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	WINDMILL (19-060134)	430321.68N/0932630.32W	1766	4D
2	200	TOWER (19-001289)	430528.00N/0932359.00W	1665	2C
3	265	TOWER (19-001056)	431005.60N/0930603.90W	1978	5D

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST
PAT 3 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

HOLDING PAT 3 FOR ATC USE (NOT CHARTED).
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAGVAR: 6E (1965).

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	DES MOINES			KDSM	DES MOINES	IA (US)
DP	ORSKY			KANE	MINNEAPOLIS	MN (US)
DP	ORSKY			KFCM	MINNEAPOLIS	MN (US)
DP	ORSKY			KMSP	MINNEAPOLIS	MN (US)
DP	ORSKY			KSTP	ST PAUL	MN (US)
EN ROUTE	J148					(US)
EN ROUTE	J16		1			(US)
EN ROUTE	J25					(US)
EN ROUTE	J90					(US)
EN ROUTE	V120		1			(US)
EN ROUTE	V13					(US)
EN ROUTE	V138					(US)
EN ROUTE	V158					(US)
EN ROUTE	V161					(US)
EN ROUTE	V505					(US)
IAP	RNAV (GPS) RWY 33			KFXV	FOREST CITY	IA (US)
IAP	VOR-A			KFXV	FOREST CITY	IA (US)
IAP	VOR/DME RWY 35			KHPT	HAMPTON	IA (US)
IAP	ILS OR LOC RWY 36			KMCW	MASON CITY	IA (US)
IAP	LOC/DME BC RWY 18		2	KMCW	MASON CITY	IA (US)
IAP	VOR RWY 36		2	KMCW	MASON CITY	IA (US)
IAP	ILS OR LOC RWY 12			KALO	WATERLOO	IA (US)
IAP	RNAV (GPS) RWY 35			KAEL	ALBERT LEA	MN (US)
IAP	VOR RWY 35			KAEL	ALBERT LEA	MN (US)
IAP	ILS OR LOC RWY 35			KAUM	AUSTIN	MN (US)
IAP	RNAV (GPS) RWY 17			KAUM	AUSTIN	MN (US)
IAP	RNAV (GPS) RWY 35			KAUM	AUSTIN	MN (US)
STAR	JANESVILLE		1	KORD	CHICAGO	IL (US)
STAR	KASPR			KMSP	MINNEAPOLIS	MN (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 23

DATE OF REVISION: 10/07/2021

REASON FOR REVISION:

QUALITY
16
CHECKED

UPDATED PAT 1 CONTROLLING OBSTRUCTION.

UPDATED FIX USE, ADDED PAT 1 TO V120 AND J16.

REMOVED REMARK: CHART HOLDING PAT 1 ON ENROUTE LOW AND ENROUTE HIGH CHARTS - PATTERN ADDED TO FIX USE.

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A422 **NAME:** HEIDI SNIDER

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

SIGNATURE:

Digitally signed by

DISTRIBUTION:

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

JOHN BORDY

Jun 01, 2021

QUALITY
16
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SUZYQ

STATE: IA

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 430053.05N/0921027.97W

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	MASON CITY	MCW	VOR/DME	H	089.00	095.00	51.05	51.05	18000	45000
2	ROCHESTER	RST	VOR/DME	L	153.00	158.00		49.65	18000	37000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
RST	VOR/DME	R-153	50	18000	37000

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	MCW	VORTAC	089.00	089.00	L	1 1/2		18000 45000	18 31

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

MASON CITY (FAC 1) AND ROCHESTER (FAC 2) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J90	1, 2				(US)
STAR	JANESVILLE	1, 2	1	KORD	CHICAGO	IL (US)

REQUIRED CHARTING: STAR, EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8

DATE OF REVISION: 10/07/2021

REASON FOR REVISION:

UPDATED REQUIRED CHARTING FROM CONTROLLER TO CONTROLLER HIGH.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: HEIDI SNIDER

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE: Digitally signed by

JOHN BORDY

DISTRIBUTION:

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

Jun 01, 2021

QUALITY
16
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: TEDDY **STATE:** IL **COUNTRY:** US **ICAO REGION CODE:** K5

LATITUDE/LONGITUDE: 422510.76N/0883846.60W **TYPE:** WP, 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	JANESVILLE	JVL	VOR/DME	L	109.01	112.01	22.00	22.00	2900	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	JVL	VOR/DME	109.01	109.01	R	1	2900 14000	5 11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	422718.00N/0883424.00W	1385	4E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V24					(US)
STAR	JANESVILLE		1	KORD	CHICAGO	IL (US)

REQUIRED CHARTING: STAR, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

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

REASON FOR REVISION:

1. REMOVED FIX MAKE UP FACILITY RFD - FACILITY DECOMMISSIONING.
2. REMOVED REMARK: JANESVILLE (FAC 1) AND ROCKFORD (FAC 2) USED TO ESTABLISH FIX COORDINATES.
3. REMOVED FIX TYPE: INT
4. UPDATED HOLDING PATTERN MAX ALTITUDE FROM 17500 TO 14000 AND MAX TEMPLATE FROM 17 TO 11 DUE TO NO COURSE SIGNAL ZONE AT HIGHER ALTITUDES.

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A422 **NAME:** HEIDI SNIDER

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

SIGNATURE: Digitally signed by
JOHN BORDY

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

Jun 01, 2021

QUALITY
16
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: VIKNG **STATE:** IA **COUNTRY:** US **ICAO REGION CODE:** K3

LATITUDE/LONGITUDE: 425757.67N/0913235.70W **TYPE:** WP, 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	MASON CITY	MCW	VOR/DME	H	089.00	095.00	79.00	79.00		18000	45000

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J90	1				(US)
STAR	JANESVILLE	1		KORD	CHICAGO	IL (US)

REQUIRED CHARTING: STAR, EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5 **DATE OF REVISION:** 10/07/2021

REASON FOR REVISION:

UPDATED REQUIRED CHARTING FROM CONTROLLER TO CONTROLLER HIGH.

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A422 **NAME:** HEIDI SNIDER

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

SIGNATURE: *Digitally signed by*

DISTRIBUTION: NFDC
FPO: CEN
ARTCC: ZMP
ATC FACILITY:
OTHER:

JOHN BORDY
Jun 01, 2021

QUALITY
16
CHECKED