

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 423524.31N/0932543.43W **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 FAC NM	MRA	MAA
1	FORT DODGE	FOD	VORTAC	H	084.59	091.59	38.40	38.40	3000	45000
2	MASON CITY	MCW	VOR/DME	H	182.24	188.24	30.58	30.58	3000	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	HOLDING DME	ALTITUDES MIN	ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	NW		WP	312.59	132.59	R		4	4000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (19-000915)	423935.00N/0933026.00W	1495	5D
1	310	WINDMILL (19-020282)	423345.59N/0933907.78W	1648	4D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

FORT DODGE (FAC 1) AND MASON CITY (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	V100	1, 2				(US)
EN ROUTE	V13-161	1, 2				(US)
IAP	RNAV (GPS) RWY 30			KMCW	MASON CITY	IA (US)
IAP	RNAV (GPS) RWY 36			KMCW	MASON CITY	IA (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8 **DATE OF REVISION:** 11/10/2016

REASON FOR REVISION:

CHANGED FAC 2 FROM MASON CITY (MCW) VORTAC TO MASON CITY (MCW) VOR/DME.
ADDED REMARK "FORT DODGE (FAC 1) AND MASON CITY (FAC 2) USED TO ESTABLISH FIX COORDINATES"

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 08/08/2016	OFFICE: AJV-5431	NAME: JOHNNIE BAKER (CHRISTINE BAYSE)
APPROVED BY:	DATE: 09/01/2016	OFFICE: AJV-5420	NAME: TONY LAWSON

SIGNATURE:

DISTRIBUTION: NFDC
FPO: CEN
ARTCC: ZMP
ATC FACILITY: ZAU, DSM ATCT
OTHER: FOD FSS

RADIO FIX AND HOLDING DATA RECORD

NAME: AREDA

STATE: IA

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 425213.61N/0925618.07W

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 FAC NM	FAC FEET	MRA	MAA
1	MASON CITY	MCW	VOR/DME	H	121.83	127.83	21.87	21.87		3000	17500
2	FORT DODGE	FOD	VORTAC	H	068.00	075.00		61.95		4500	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
FOD	VORTAC	R-068	62	4500	17500

FIX RESTRICTIONS:

MRA V120 4500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

MASON CITY (FAC 1) AND FORT DODGE (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V120	1, 2				(US)
IAP	RNAV (GPS) RWY 30			KMCW	MASON CITY	IA (US)
IAP	RNAV (GPS) RWY 36			KMCW	MASON CITY	IA (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 11/10/2016

REASON FOR REVISION:

UPDATED FAC 1 FROM MASON CITY (MCW) VORTAC TO MASON CITY (MCW) VOR/DME.
ADDED REMARK "MASON CITY (FAC 1) AND FORT DODGE (FAC 2) USED TO ESTABLISH FIX COORDINATES".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 08/08/2016

OFFICE: AJV-5431

NAME: JOHNNIE BAKER (CHRISTINE BAYSE)

APPROVED BY:

DATE: 09/01/2016

OFFICE: AJV-5420

NAME: TONY LAWSON

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: FOYDE

STATE: IA

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 431103.32N/0922957.42W

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	MASON CITY	MCW	VOR/DME	H	075.34	081.34		36.88		3000	17500
2	ROCHESTER	RST	VOR/DME	L	168.19	173.19	36.16	36.16		3000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPACE	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	200	WINDMILL (19-021383)	432224.14N/0922905.50W	1747	4D

HOLDING RESTRICTIONS:

UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 4000.

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	V138	1, 2				(US)
EN ROUTE	V67	1, 2				(US)
IAP	GPS RWY 15			KCJJ	CRESCO	IA (US)
IAP	GPS RWY 33			KCJJ	CRESCO	IA (US)
IAP	RNAV (GPS) RWY 11			KDEH	DECORAH	IA (US)
IAP	RNAV (GPS) RWY 30			KMCW	MASON CITY	IA (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9

DATE OF REVISION: 11/10/2016

REASON FOR REVISION:

UPDATED FAC 1 FROM MASON CITY (MCW) VORTAC TO MASON CITY (MCW) VOR/DME.
ADDED REMARK "MASON CITY (FAC 1) AND ROCHESTER (FAC 2) USED TO ESTABLISH FIX COORDINATES".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 08/08/2016

OFFICE: AJV-5431

NAME: JOHNNIE BAKER (CHRISTINE BAYSE)

APPROVED BY:

DATE: 09/01/2016

OFFICE: AJV-5420

NAME: TONY LAWSON

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: POUND

STATE: IA

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 425931.47N/0925049.05W

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	MASON CITY	MCW	VOR/DME	H	100.00	106.00	22.12	22.12		3000	17500
2	WATERLOO	ALO	VOR/DME	L	323.00	323.00		32.78		3000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V158	1, 2				(US)
IAP	RNAV (GPS) RWY 30			KMCW	MASON CITY	IA (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 09/13/2018

REASON FOR REVISION:

FAC 2 ALO VOR/DME MAG BRG INCREASED 6 DEGREES - ALO MAGVAR CHANGED FROM 6E TO 0E.
FAC 2 ALO VOR/DME CLASS CHANGED FROM HIGH TO LOW.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 04/10/2018

OFFICE: AJV-5422

NAME: LUCAS MCCLOUD

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: XENYO

STATE: IA

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 430615.05N/0931406.73W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

RNP PFAF APPLIED IAW 8260.54A FORMULA 2-16B.

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 30

FAC

PAT

AIRPORT IDENT
KMCW

CITY
MASON CITY

STATE
IA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 06/30/2011

REASON FOR REVISION:

RELOCATED FIX 0.08NM(474.04') NORTHWEST.
UPDATED FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 11/29/2010

OFFICE: AVN-120

NAME: JOSE ALFONSO (STEVE NELSON)

APPROVED BY:

DATE: 05/09/2011

OFFICE: AVN-120

NAME: GREGORY YAMAMOTO

SIGNATURE:

DISTRIBUTION:

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