

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: 21-ACE-4 **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	MASON CITY	MCW	VOR/DME	H	182.24	188.24	30.58	30.58	3000	45000
2	WATERLOO	ALO	VOR/DME	L	272.88	272.88		45.70	3000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
ALO	VOR/DME	R-273	46	3000	17500

HOLDING: **HOLDING TYPE OF ACTION:** CANCEL

REMARKS:

MASON CITY (FAC 1) AND WATERLOO (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	V13	1, 2				(US)
EN ROUTE	V161	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, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9 **DATE OF REVISION:** 09/08/2022

REASON FOR REVISION:

- AIRSPACE DOCKET: ADDED 21-ACE-4.
- FIX MAKE-UP FACILITIES: DELETED FAC 1, FOD VORTAC AND ADDED FAC 2, ALO VORDME AND ASSOCIATED DATA.
- ESV: ADDED ALO AND ASSOCIATED DATA.
- HOLDING: DELETED ALL ASSOCIATED DATA.
- REMARKS: CHANGED FROM "FORT DODGE (FAC 1) AND MASON CITY (FAC 2) USED TO ESTABLISH FIX COORDINATES" TO "MASON CITY (FAC 1) AND WATERLOO (FAC 2) USED TO ESTABLISH FIX COORDINATES".
- FIX USE: DELETED V100.
- REQUIRED CHARTING: CHANGED CONTROLLER TO CONTROLLER LOW.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**
OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 **NAME:** SHANE FOWLER
APPROVED BY: **DATE:** 09/08/2022 **OFFICE:** AJV-A420 **NAME:** MARLON ROBINSON
SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: NEVAD

STATE: IA

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 420058.12N/0933220.44W

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	DES MOINES	DSM	VORTAC	H	001.04	008.04	35.04	35.04	3300	17500
2	NEWTON	TNU	VOR/DME	L	303.02	306.02		23.78	3300	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	200	TOWER (19-001431)	414948.00N/0933654.60W	2996	2A

HOLDING RESTRICTIONS:

UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 4000.

REMARKS:

DES MOINES (FAC 1) AND NEWTON (FAC 2) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
PAT 1 OBS LIES .2 NM INTO THE HOLD SECONDARY AREA.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V13	1, 2				(US)
EN ROUTE	V161	1, 2				(US)
IAP	ILS OR LOC RWY 1			KAMW	AMES	IA (US)
IAP	RNAV (GPS) RWY 18			KIKV	ANKENY	IA (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11

DATE OF REVISION: 01/05/2017

REASON FOR REVISION:

1. ADDED "PAT 1 OBS LIES .2 NM INTO THE HOLD SECONDARY AREA".
2. REMOVED KAMW ILS OR LOC RWY 1 FROM FIX USE.
3. FAC 1 DISTANCES CHANGED FROM 35.08 NM TO 35.04 NM.
4. ADDED FACILITIES USED TO ESTABLISH FIX COORDINATES IN THE REMARKS SECTION.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 11/07/2016

OFFICE: AJV-5422

NAME: JULIE MORGAN (DUSTIN DAVIDSON)

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: TONY LAWSON

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZAU
ATC FACILITY: DSM APP CON
OTHER: