

# RADIO FIX AND HOLDING DATA RECORD

NAME: IXKUJ

STATE: IA

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 423606.49N/0922405.73W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

## FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	WATERLOO	ALO	VOR/DME	L	357.51	357.51	2.72	2.72		1340	4000

## FIX USE:

USE TYPE  
IAP

USE TITLE  
VOR RWY 18

FAC PAT  
1

AIRPORT IDENT  
KALO

CITY  
WATERLOO

STATE  
IA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/13/2018

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 05/08/2018

OFFICE: AJV-5423

NAME: HEIDI SNIDER

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

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

QUALITY  
25  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: NEVIS STATE: IA COUNTRY: US ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 422420.78N/0923220.88W TYPE: 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	WATERLOO	ALO	VOR/DME	L	214.60	214.60	10.98	10.98		2800	17500
2	CEDAR RAPIDS	CID	VOR/DME	H	308.00	313.00	45.79	45.79		2800	17500

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
CID	VOR/DME	R-308	46	2800	15400

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	SW	ALO	VOR/DME	214.60	034.60	R	1		2800	17500	6	18

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (19-001159)	422325.80N/0923155.50W	1396	4D

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

## REMARKS:

WATERLOO (FAC 1) AND CEDAR RAPIDS (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	V77	1, 2				(US)
IAP	VOR RWY 18	1, 2	1	KALO	WATERLOO	IA (US)
IAP	VOR RWY 24	1, 2	1	KALO	WATERLOO	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 1 ALO VOR/DME MAG/TRUE BRG FROM 208.59/214.59 TO 215.60/214.60 - MAGVAR UPDATE.  
HOLDING PAT 1 RAD/CRS/BRG AND CRS INBOUND FROM 208.59/28.59 TO 214.60/34.60 -MAGVAR UPDATE.  
HOLDING PAT 1 LEG TIME CHANGED FROM '1-1 1/2' TO '1'.  
HOLDING PAT 1 TEMPLATES MIN/MAX CHANGED FROM 6/13 TO 6/18.  
PAT 1 CONTROLLING OBSTRUCTION AIRSPEED CHANGED FROM 230 TO 200.  
PAT 1 CONTROLLING OBSTRUCTION (TOWER) UPDATED FROM 16-1159 TO 19-001159: LAT LONG FROM 422328.00N/0923158.00W TO 422325.80N/0923155.50W, ELEVATION FROM 1390 TO 1396, AC FROM 5D TO 4D.

INITIATED BY: DATE: ORGANIZATION: NAME:

DEVELOPED BY: DATE: 05/17/2018 OFFICE: AJV-5423 NAME: HEIDI SNIDER

APPROVED BY: DATE: OFFICE: AJV-5420 NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION: NFDC  
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