

# RADIO FIX AND HOLDING DATA RECORD

NAME: EVXOC

STATE: IA

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 423216.88N/0922658.22W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:  
USE TYPE  
IAP

USE TITLE  
RNAV (GPS) RWY 6

FAC

PAT

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: 04/30/2018

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: FEMHA

STATE: IA

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 423102.04N/0923105.28W

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 6

FAC

PAT

AIRPORT IDENT  
KALO

CITY  
WATERLOO

STATE  
IA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 09/13/2018

REASON FOR REVISION:

UPDATED FIX LAT/LONG, MOVED 1757 FT SOUTHWEST.  
DELETED FIX MAKE-UP FAC 1.  
UPDATED FIX USE FORMAT.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 04/30/2018

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: HOBPU

STATE: IA

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 422833.72N/0923913.00W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

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	247.61	067.61	R	4	3000	6000	5	6

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (19-002699)	422708.70N/0924114.80W	1445	4D

## 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 6		1	KALO	WATERLOO	IA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 09/13/2018

## REASON FOR REVISION:

UPDATED FIX LAT/LONG, MOVED 1.79 NM SOUTHWEST.  
ADDED PRECIPITOUS TERRAIN EVALUATION COMPLETED REMARK.  
MOVED HOLDING LIMITED TO ESTABLISHED PATTERN FROM REMARKS TO HOLDING RESTRICTIONS.  
DELETED FIX MAKE-UP FAC 1.  
UPDATED HOLDING RAD/ CRS INBOUND FROM 244.65/064.65 TO 247.61/67.61.  
UPDATED HOLDING MAX TEMPLATE FROM 5 TO 6.  
UPDATED HOLDING MAX ALTITUDE FROM 5000 TO 6000.  
UPDATED HOLDING CONTROLLING OBSTRUCTION FROM TOWER (16-1181) 1337 MSL TO TOWER (19-002699) 1445 MSL.  
UPDATED FIX USE FORMAT.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 04/30/2018

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: IQYEL

STATE: IA

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 423502.14N/0924249.52W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

**REMARKS:**

RETAINED FIX NAME PER ATC REQUEST.

**FIX USE:**

USE TYPE  
IAP

USE TITLE  
RNAV (GPS) RWY 6

FAC

PAT

AIRPORT IDENT  
KALO

CITY  
WATERLOO

STATE  
IA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 09/13/2018

**REASON FOR REVISION:**

UPDATED FIX LAT/LONG, MOVED 2.87 NM NORTHWEST.

DELETED FIX MAKE-UP FAC 1.

UPDATED FIX USE FORMAT.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 04/30/2018

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: JIQKU

STATE: IA

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 422205.18N/0923537.22W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

**REMARKS:**

RETAINED FIX NAME PER ATC REQUEST

**FIX USE:**

USE TYPE  
IAP

USE TITLE  
RNAV (GPS) RWY 6

FAC

PAT

AIRPORT IDENT  
KALO

CITY  
WATERLOO

STATE  
IA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 09/13/2018

**REASON FOR REVISION:**

UPDATED FIX LAT/LONG, MOVED 2.87 NM SOUTHEAST.

DELETED FIX MAKE-UP FAC 1.

UPDATED FIX USE FORMAT.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 04/30/2018

OFFICE: AJV-5423

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NFDC

FPO: CEN

ARTCC: ZAU

ATC FACILITY: ALO ATCT, ALO APP CON

OTHER:

QUALITY  
25  
CHECKED