

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** ARTYS **STATE:** IA **COUNTRY:** US **ICAO REGION CODE:** K3  
**LATITUDE/LONGITUDE:** 423446.53N/0930434.64W **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	WATERLOO	ALO	VOR/DME	H	266.87	272.87	30.06	30.06	3000	17500
2	MASON CITY	MCW	VOR/DME	H	154.00	160.00		32.87	3000	17500

**HOLDING:** **HOLDING TYPE OF ACTION:** MODIFY

**PATTERNS:**

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	HOLDING ALTITUDES MIN DME	MAX	TEMPLATES MIN	MAX
1	E		WP	091.87	271.87	R		4	4000	6000	5 14

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	WINDMILL (19-021320)	423752.68N/0931626.40W	1667	4D
1	310	WINDMILL (19-021320)	423752.68N/0931626.40W	1667	4D

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERN.

**PROCEDURES REQUIRING CLIMB-IN-HOLD:**

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	RNAV (GPS) RWY 31	KIFA	IOWA FALLS	IA (US)

**REMARKS:**

WATERLOO (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)
IAP	RNAV (GPS) RWY 31		1	KIFA	IOWA FALLS	IA (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 4 **DATE OF REVISION:** 02/01/2018

**REASON FOR REVISION:**

CONTROLLING OBSTRUCTIONS: CHANGED AIRSPEED 230 TO 200, AND MSL ELEVATION FROM 1647 TO 1667.

**DEVELOPED BY:** **DATE:** 07/31/2017 **OFFICE:** AJV-5423 **NAME:** THOMAS KIRKPATRICK

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

**SIGNATURE:**

**DISTRIBUTION:**

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



# RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 421937.72N/0930440.65W TYPE: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: NO CHANGE

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	SE		WP	134.33	314.33	R	4	4000	6000	5	6

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	WINDMILL (19-027528)	422148.37N/0925906.08W	1582	2C

## 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 31		1	KIFA	IOWA FALLS	IA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 DATE OF REVISION: 02/01/2018

## REASON FOR REVISION:

CONTROLLING OBSTRUCTIONS: CHANGED FROM 1406 MSL TOWER TO 1582 MSL WINDWILL.

DEVELOPED BY: DATE: 07/31/2017 OFFICE: AJV-5423 NAME: THOMAS KIRKPATRICK

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

SIGNATURE:

## DISTRIBUTION:

NFDC  
FPO: CEN  
ARTCC: ZMP  
ATC FACILITY: ALO APP CON  
OTHER:



# RADIO FIX AND HOLDING DATA RECORD

NAME: ZIROL

STATE: IA

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 422423.53N/0931102.12W

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 31

FAC

PAT

AIRPORT IDENT  
KIFA

CITY  
IOWA FALLS

STATE  
IA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 02/01/2018

REASON FOR REVISION:

UPDATED FIX COORDINATES, MOVED 1 FT SOUTH.

DEVELOPED BY:

DATE: 07/31/2017

OFFICE: AJV-5423

NAME: THOMAS KIRKPATRICK

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

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

QUALITY  
16  
CHECKED