

# RADIO FIX AND HOLDING DATA RECORD

NAME: CRANY

STATE: WY

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 441545.64N/1082427.47W

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	BOYSEN RESERVOIR	BOY	VOR/DME	H	338.46	354.46	48.20	48.20	9000	17500
2	WORLAND	RLY	VOR/DME	L	299.37	312.37	26.66	26.66	8500	17500

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
BOY	VOR/DME	R-338	49	90	211

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## 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	SE		WP	118.37	298.37	R		7	8500	14000	10	11
2	N		WP	339.00	159.00	R		7	8500	14000	10	11

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	441724.00N/1083339.00W	6405	6A
1	310	AAO	441724.00N/1083418.00W	6431	6A
2	230	AAO	441724.00N/1083418.00W	6431	6A

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

## PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	RNAV (GPS) RWY 8	KGEY	GREYBULL	WY (US)

## REMARKS:

BOYSEN RESERVOIR (FAC 1) AND WORLAND (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	V187	1, 2				(US)
EN ROUTE	V319	1, 2				(US)
IAP	RNAV (GPS) RWY 22			KCOD	CODY	WY (US)
IAP	RNAV (GPS) RWY 34		1	KGEY	GREYBULL	WY (US)
IAP	RNAV (GPS) RWY 8		1	KGEY	GREYBULL	WY (US)
IAP	RNAV (GPS) RWY 13		2	KPOY	POWELL	WY (US)
IAP	RNAV (GPS) RWY 31			KPOY	POWELL	WY (US)
IAP	RNAV (GPS) RWY 16			KWRL	WORLAND	WY (US)
IAP	RNAV (GPS) RWY 34		1	KWRL	WORLAND	WY (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 10/12/2017

## REASON FOR REVISION:

CHANGED KGEY RNAV (GPS) RWY 7 TO RWY 8 IN FIX USE.

DEVELOPED BY:

DATE: 05/12/2017

OFFICE: AJV-5430

NAME: LIAM DONAHUE

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: WST  
ARTCC: ZLC  
ATC FACILITY:  
OTHER:

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** JIGAX

**STATE:** WY

**COUNTRY:** US

**ICAO REGION CODE:** K1

**LATITUDE/LONGITUDE:** 441752.04N/1080826.90W

**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 34

**FAC**

**PAT**

**AIRPORT IDENT**

KGEY

**CITY**

GREYBULL

**STATE**

WY (US)

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 1

**DATE OF REVISION:** 03/07/2013

**REASON FOR REVISION:**

1. REMOVED FACILITY 1.
2. UPDATED FIX USE IAW 8260.19E

**DEVELOPED BY:**

**DATE:** 06/03/2012

**OFFICE:** AJV-354

**NAME:** VICTOR NASO

**APPROVED BY:**

**DATE:** 01/30/2013

**OFFICE:** AJV-354

**NAME:** DEZ SILAGYI

**SIGNATURE:**

**DISTRIBUTION:**

NFDC

FPO: WST

ARTCC: ZLC

ATC FACILITY:

OTHER:

# RADIO FIX AND HOLDING DATA RECORD

NAME: WORLAND VOR/DME STATE: WY COUNTRY: US ICAO REGION CODE: K1  
 LATITUDE/LONGITUDE: 435750.90N/1075703.02W TYPE:

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 FEET	MAA
1	WORLAND	RLY	VOR/DME	L						17500

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	N	RLY	VOR/DME	339.00	159.00	R	1-1 1/2	6800 17500	8 16
2	N		WP	339.00	159.00	R	7	8200 12000	10 10

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	441046.66N/1080647.70W	4959	2C
1	310	AAO	434951.00N/1080606.00W	5560	2C
2	230	AAO	441149.58N/1080853.40W	5057	2A

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

## PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	VOR RWY 16	KWRL	WORLAND	WY (US)
1	TAKE-OFF MINIMUMS	KWRL	WORLAND	WY (US)
1	TAKEOFF MINIMUMS	KHSG	THERMOPOLIS	WY (US)

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
 RLY VOR/DME MAG VAR 13E, 1995 EPOCH YEAR

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	CASPER	1		KCPR	CASPER	WY (US)
DP	TAKEOFF MINIMUMS		1	KHSG	THERMOPOLIS	WY (US)
DP	TAKE-OFF MINIMUMS	1	1	KWRL	WORLAND	WY (US)
EN ROUTE	V319					(US)
EN ROUTE	V324					(US)
EN ROUTE	V401					(US)
IAP	NDB RWY 34	1		KGEY	GREYBULL	WY (US)
IAP	RNAV (GPS) RWY 34			KGEY	GREYBULL	WY (US)
IAP	RNAV (GPS) RWY 23		2	KHSG	THERMOPOLIS	WY (US)
IAP	RNAV (GPS) RWY 5		2	KHSG	THERMOPOLIS	WY (US)
IAP	RNAV (GPS) RWY 16			KWRL	WORLAND	WY (US)
IAP	VOR RWY 16		1	KWRL	WORLAND	WY (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10 DATE OF REVISION: 03/02/2017

## REASON FOR REVISION:

UPDATE FIX USE, ADDED KHSG RNAV (GPS) RWY 5, KHSG RNAV (GPS) RWY 23, AND TAKEOFF MINS.  
 ADDED WP HOLDING PATTERN 2.  
 ADDED RLY VOR/DME MAGVAR/EPOCH YEAR IN REMARKS.

DEVELOPED BY: DATE: 08/24/2016 OFFICE: AJV-5433 NAME: HERMAN ROGERS

APPROVED BY: DATE: OFFICE: AJV-5430 NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION: NFDC  
 FPO: WST  
 ARTCC: ZLC  
 ATC FACILITY:  
 OTHER:

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** WULAX

**STATE:** WY

**COUNTRY:** US

**ICAO REGION CODE:** K1

**LATITUDE/LONGITUDE:** 441351.93N/1080020.11W

**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 34

**FAC**

**PAT**

**AIRPORT IDENT**  
KGEY

**CITY**  
GREYBULL

**STATE**  
WY (US)

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 1

**DATE OF REVISION:** 03/07/2013

**REASON FOR REVISION:**

1. REMOVED FACILITY 1.
2. UPDATED FIX USE IAW 8260.19E.

**DEVELOPED BY:**

**DATE:** 06/03/2012

**OFFICE:** AJV-354

**NAME:** VICTOR NASO

**APPROVED BY:**

**DATE:** 01/30/2013

**OFFICE:** AJV-354

**NAME:** DEZ SILAGYI

**SIGNATURE:**

**DISTRIBUTION:**

**NFDC**  
**FPO:** WST  
**ARTCC:** ZLC  
**ATC FACILITY:**  
**OTHER:**