

# 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:** MODIFY

**FIX MAKE-UP FACILITIES:**

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	BOYSEN RESERVOIR	BOY	VOR/DME	VH	338.46	354.46	48.20	48.20		9000	17500
2	WORLAND	RLY	VOR/DME	VL	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	9000	12600

**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	AIRSPEED	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) USED TO ESTABLISH FIX COORDINATES.  
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T317					(US)
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, EN ROUTE LOW, CONTROLLER LOW

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 8 **DATE OF REVISION:** 12/26/2024

**REASON FOR REVISION:**

1. FIX MAKE-UP FACILITIES: CHANGED FAC 1 (BOY) CLASS FROM "H" TO "VH".
2. FIX MAKE-UP FACILITIES: CHANGED FAC 2 (RLY) CLASS FROM "L" TO "VL".
3. EXPANDED SERVICE VOLUME (ESV): CHANGED BOY MAX ALTITUDE FROM "21100" TO "12600".

**INITIATED BY:** **DATE:** **ORGANIZATION:** **NAME:**  
**OFFICE OF PRIMARY RESPONSIBILITY:** AJV-A432 **NAME:** CHRISTOPHER SCHONES  
**APPROVED BY:** **DATE:** 10/31/2024 **OFFICE:** AJV-A432 **NAME:** JOSEPH ZEDER

**SIGNATURE:** *Digitally signed by*  
**CASIMIR L TABAKA**

Dec 10, 2024



# RADIO FIX AND HOLDING DATA RECORD

**NAME:** ELYPS

**STATE:** WY

**COUNTRY:** US

**ICAO REGION CODE:** K1

**LATITUDE/LONGITUDE:** 443607.99N/1085230.06W

**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 22

**FAC**

**PAT**

**AIRPORT IDENT**  
KCOD

**CITY**  
CODY

**STATE**  
WY (US)

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 4

**DATE OF REVISION:** 12/26/2024

**REASON FOR REVISION:**

FIX MOVED FROM "44° 36' 8.29N/108° 52' 29.51W" TO "44° 36' 7.9864N/108° 52' 30.0572W", MOVED 50 FEET SOUTHWEST.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A432

**NAME:** CHRISTOPHER SCHONES

**APPROVED BY:**

**DATE:** 11/21/2024

**OFFICE:** AJV-A432

**NAME:** JOSEPH ZEDER

**SIGNATURE:**

*Digitally signed by*  
**CASIMIR L TABAKA**

Dec 10, 2024



# RADIO FIX AND HOLDING DATA RECORD

NAME: DUSCA STATE: WY COUNTRY: US ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 443949.35N/1084546.73W 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	NE		WP	041.49	221.49	R	7	8400	14000	10	11

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	443515.00N/1085112.00W	6749	4B

**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 22		1	KCOD	CODY	WY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 DATE OF REVISION: 10/31/2024

**REASON FOR REVISION:**

HOLDING, CONTROLLING OBSTRUCTIONS: PATTERN 1 CHANGED FROM "AAO, 443506.00N/1085057.00W, 6720, 4E" TO "AAO, 443515.00N/1085112.00W, 6749, 4B"

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A432 NAME: CHRISTOPHER SCHONES

APPROVED BY: DATE: 10/31/2024 OFFICE: AJV-A432 NAME: CASIMIR TABAKA

SIGNATURE:

*Digitally signed by*  
**CASIMIR L TABAKA**  
Dec 10, 2024



# RADIO FIX AND HOLDING DATA RECORD

NAME: NICQE STATE: WY COUNTRY: US ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 441907.55N/1084719.57W TYPE: WP, 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	MRA	MAA
								NM FEET		
1	CODY	COD	VOR/DME	VL	143.25	157.25	19.62	19.62	9600	17500

HOLDING: HOLDING TYPE OF ACTION: MODIFY

### PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH	HOLDING ALTITUDES	TEMPLATES
							DME	MIN MAX	MIN MAX
1	SE		WP	129.18	309.18	R	7	9600 14000	10 11
2	SE		WP	146.37	326.37	L	7	9600 14000	10 16

### CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	441106.00N/1084815.00W	6529	4E
2	230	AAO	440833.00N/1084930.00W	6933	4B
2	310	AAO	440300.00N/1085606.00W	7405	4B

### PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
2	310	100

### REASON FOR NONSTANDARD HOLDING:

PAT 2 TO AVOID AIRWAY OVERLAP

### HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS

### PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
2	RNAV (GPS) RWY 22	KCOD	CODY	WY (US)

### REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED

### FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V85	1				(US)
IAP	RNAV (GPS) RWY 22		2	KCOD	CODY	WY (US)
IAP	RNAV (GPS)-B		1	KCOD	CODY	WY (US)
IAP	RNAV (GPS) RWY 31			KPOY	POWELL	WY (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5 DATE OF REVISION: 12/26/2024

### REASON FOR REVISION:

1. HOLDING, PATTERN: PATTERN 2 MAX TEMPLATE CHANGED FROM "11" TO "16".  
2. HOLDING, CONTROLLING OBSTRUCTION: PATTERN 2 CHANGED FROM "TOWER (56-020705), 440834.09N/1084927.58W, 6905, 1A" TO "AAO, 440833.00N/1084930.00W, 6933, 4B" AND PATTERN 2 CIH FROM "AAO, 440257.00N/1085603.00W, 7405, 4E" TO "AAO, 440300.00N/1085606.00W, 7205, 4B".

INITIATED BY: DATE: ORGANIZATION: NAME:  
OFFICE OF PRIMARY RESPONSIBILITY: AJV-A432 NAME: CHRISTOPHER SCHONES  
APPROVED BY: DATE: 10/31/2024 OFFICE: AJV-A432 NAME: CASIMIR TABAKA

SIGNATURE:

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Dec 10, 2024

