

# RADIO FIX AND HOLDING DATA RECORD

NAME: CELUS

STATE: ID

COUNTRY: US

LATITUDE/LONGITUDE: 480428.21N/1164620.18W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: CANCEL

**REMARKS:**

IPDS DERIVED COORDINATES:480428.206N/1164620.175W

**FIX USE:**

USE TYPE  
IAP

USE TITLE  
RNAV (GPS)-B

FAC

PAT

AIRPORT IDENT  
KSZT

CITY  
SANDPOINT

STATE  
ID (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 03/31/2016

**REASON FOR REVISION:**

FIX MOVED 6.64NM SOUTHWEST, COORDINATES UPDATED. NAME RETAINED PER AIR TRAFFIC.

REMOVED FAC 1.

REMOVED PAT 1.

DEVELOPED BY:

DATE: 11/24/2015

OFFICE: AJV-5430

NAME: AISHAT NAUZO

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZSE

ATC FACILITY: GEG APP CON

OTHER:

QUALITY  
10  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: CESIG

STATE: ID

COUNTRY: US

LATITUDE/LONGITUDE: 475710.89N/1162943.39W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: ESTABLISH

**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	S		WP	160.00	340.00	L	7	7900	14000	9	11

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	475215.00N/1163303.00W	5861	6C

**PRECIPITOUS TERRAIN ADDITIONS:**

PAT	SPEED	ADDITION
1	230	330

**REASON FOR NONSTANDARD HOLDING:**

PAT 1 AIR TRAFFIC

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERN.

**REMARKS:**

IPDS DERIVED COORDINATES:475710.885N/1162943.394W.  
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS)-B		1	KSZT	SANDPOINT	ID (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 03/31/2016

**REASON FOR REVISION:**

FIX MOVED 4.11NM SOUTHWEST, COORDINATES UPDATED. NAME RETAINED PER AIR TRAFFIC.  
REMOVED FAC 1.  
ADDED PAT 1.  
ADDED HOLDING LIMITED TO ESTABLISHED PATTERN REMARK.  
ADDED PRECIPITOUS TERRAIN ADJUSTMENT.  
ADDED PRECIPITOUS TERRAIN EVALUATION COMPLETED REMARK.

DEVELOPED BY: DATE: 11/24/2015 OFFICE: AJV-5430 NAME: AISHAT NAUZO

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

SIGNATURE:

**DISTRIBUTION:**

NFDC  
FPO: WST  
ARTCC: ZSE  
ATC FACILITY:  
OTHER: ARPT MGR

QUALITY  
10  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: CLASS

STATE: ID

COUNTRY: US

LATITUDE/LONGITUDE: 475128.63N/1160850.85W

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	FAC FEET	MRA	MAA
1	SPOKANE	GEG	VORTAC	H	052.10	073.10	62.47	62.47		9000	17500
2	MULLAN PASS	MLP	VOR/DME	H	305.00	320.00		31.52		9000	17500
3	COEUR D'ALENE	COE	VOR/DME	T	060.22	079.22	27.69	27.69		11000	14300

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
GEG	VORTAC	R-052	63	9000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

SPOKANE (FAC 1) AND MULLAN PASS (FAC 2) USED TO ESTABLISH FIX COORDINATES

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V 448	1, 2, 3				(US)
IAP	RNAV (GPS) RWY 2			K65S	BONNERS FERRY	ID (US)
IAP	ILS OR LOC/DME RWY 5			KCOE	COEUR D'ALENE	ID (US)
IAP	LOC-A	1, 2, 3		KSZT	SANDPOINT	ID (US)
IAP	RNAV (GPS)-B			KSZT	SANDPOINT	ID (US)
IAP	GPS-A			KS59	LIBBY	MT (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 03/31/2016

## REASON FOR REVISION:

ADDED REMARK SPOKANE (FAC 1) AND MULLAN PASS (FAC 2) USED TO ESTABLISH FIX COORDINATES.  
REMOVED KCOE VOR RWY 06 FROM FIX USE.  
REMOVED "DME" FROM LOC/DME-A AT KSZT.

DEVELOPED BY:

DATE: 11/24/2015

OFFICE: AJV-5430

NAME: AISHAT NAUZO

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: WST  
ARTCC: ZSE  
ATC FACILITY: GEG APP CON  
OTHER:

QUALITY  
10  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: DIANN

STATE: WA

COUNTRY: US

LATITUDE/LONGITUDE: 480951.41N/1171039.51W

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	FAC FEET	MRA	MAA
1	SPOKANE	GEG	VORTAC	H	005.60	026.60	40.30	40.30		11000	17500
2	COEUR D'ALENE	COE	VOR/DME	T	309.59	328.59		27.52		9000	12000
3	MULLAN PASS	MLP	VOR/DME	H	290.00	305.00		75.10		12000	17500

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
GEG	VORTAC	R-006	41	11000	17500
COE	VOR/DME	R-310	28	7000	11000
MLP	VOR/DME	R-285	76	12000	17500

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	W		WP	285.00	105.00	R		7	8100	14000	10	11
2	E		WP	088.55	268.85	L		7	7000	11000	9	10

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	481717.70N/1173418.80W	5973	2C
1	310	AAO	482303.00N/1172924.00W	6067	4E
2	230	AAO (SEA-S-0581)	480450.10N/1165712.10W	5319	6A

## REASON FOR NONSTANDARD HOLDING:

PAT 2 TO REMAIN WITHIN FLOOR OF CONTROLLED AIRSPACE.

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

## PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	RNAV (GPS) RWY 34	KDEW	DEER PARK	WA (US)

## REMARKS:

SPOKANE (FAC 1) AND COEUR D'ALENE (FAC 2) USED TO ESTABLISH FIX COORDINATES  
PRECIPITOUS TERRAIN EVALUATION COMPLETED: PAT 1 212' ADJUSTMENT, PAT 2 126' ADJUSTMENT.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V112	1, 3				(US)
IAP	ILS OR LOC/DME RWY 6			KCOE	COEUR D'ALENE	ID (US)
IAP	RNAV (GPS) RWY 6		2	KCOE	COEUR D'ALENE	ID (US)
IAP	RNAV (GPS)-B			KSZT	SANDPOINT	ID (US)
IAP	NDB - A			KDEW	DEER PARK	WA (US)
IAP	RNAV (GPS) RWY 16			KDEW	DEER PARK	WA (US)
IAP	RNAV (GPS) RWY 34		1	KDEW	DEER PARK	WA (US)
IAP	RNAV (GPS) RWY 04L			KSFF	SPOKANE	WA (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9

DATE OF REVISION: 05/26/2016

## REASON FOR REVISION:

ADDED REMARK SPOKANE (FAC 1) AND COEUR D'ALENE (FAC 2) USED TO ESTABLISH FIX COORDINATES.  
REMOVED KCOE VOR RWY 06 FROM FIX USE.  
HMOVED HOLDING LIMITED TO ESTABLISHED PATTERNS. REMARK TO HOLD RESTRICTION SECTION.

DEVELOPED BY:

DATE: 11/24/2015

OFFICE: AJV-5430

NAME: AISHAT NAUZO

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: LONNIE EVERHART

SIGNATURE:

QUALITY  
10  
CHECKED

**DISTRIBUTION:**    **NFDC**  
                         **FPO: WST**  
                         **ARTCC: ZSE**  
                         **ATC FACILITY: GEG APP CON**  
                         **OTHER:**

QUALITY  
10  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: FEPMI

STATE: ID

COUNTRY: US

LATITUDE/LONGITUDE: 480900.67N/1164204.14W

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)-B

FAC

PAT

AIRPORT IDENT  
KSZT

CITY  
SANDPOINT

STATE  
ID (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 03/31/2016

REASON FOR REVISION:

FIX MOVED 4.57NM SOUTHWEST, COORDINATES UPDATED. NAME RETAINED PER AIR TRAFFIC.  
REMOVED FAC 1.

DEVELOPED BY:

DATE: 11/24/2015

OFFICE: AJV-5430

NAME: AISHAT NAUZO

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: WST  
ARTCC: ZSE  
ATC FACILITY:  
OTHER: ARPT MGR

QUALITY  
10  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: FINTA

STATE: ID

COUNTRY: US

LATITUDE/LONGITUDE: 481314.13N/1163805.26W

TYPE: WP, 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	SANDPOINT	I-RPO	LOC/DME		198.16	212.16	6.15	6.15	37375	4900	6600

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

SANDPOINT (FAC 1) USED TO ESTABLISH FIX COORDINATES  
DME COORDINATES: 481825.26N-1163308.88W

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	LOC-A	1		KSZT	SANDPOINT	ID (US)
IAP	RNAV (GPS)-B			KSZT	SANDPOINT	ID (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 03/31/2016

## REASON FOR REVISION:

CHANGED FAC 1 MAG BRG/TRUE BRG FROM 194.15/212.15 TO 198.16/212.16.  
CHANGED FAC 1 DME FROM 6.21 TO 6.15.  
ADDED FAC 1 DIST FROM FAC 6.15.  
RAISED FAC 1 MRA FROM 3100 TO 4900 AND LOWERED MAA FROM 7000 TO 6600.  
ADDED RPO DME COORDINATES.  
ADDED REMARK SANDPOINT (FAC 1) USED TO ESTABLISH FIX COORDINATES.  
ADDED RNAV (GPS)-B PROCEDURE TO FIX USE.  
ADDED DIST FROM FAC IN FEET.  
REMOVED "DME" FROM LOC/DME-A AT KSZT.

DEVELOPED BY:

DATE: 11/23/2015

OFFICE: AJV-5430

NAME: AISHAT NAUZO

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: WST  
ARTCC: ZSE  
ATC FACILITY: GEG APP CON  
OTHER:

QUALITY  
10  
CHECKED

## RADIO FIX AND HOLDING DATA RECORD

NAME: KARPS

STATE: ID

COUNTRY: US

LATITUDE/LONGITUDE: 474426.78N/1164509.90W

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 FEET	MAA
1	SPOKANE	GEG	VORTAC	H	052.10	073.10	37.00	37.00	8000	17500
2	MULLAN PASS	MLP	VOR/DME	H	276.18	291.18		48.06	9000	17500
3	POST FALLS	LEN	NDB	MH	075.78	090.78		8.43	8000	17500
4	COEUR D'ALENE	COE	VOR/DME	T	106.72	125.72		3.38	8000	14300

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
MLP	VOR/DME	R-276	49	9000	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	SW	GEG	VORTAC	052.10	052.10	R		4	8000	14000	10	12
2	NE		WP	054.74	234.74	R		7	8000	14000	9	11

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	473703.80N/1165931.00W	5441	6A
2	230	AAO	475159.40N/1163324.20W	5861	6A
2	310	AAO	475159.40N/1163324.20W	5861	6A

## PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
2	230	189
2	310	230

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

## PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
2	RNAV (GPS) RWY 4L	KSFF	SPOKANE	WA (US)

## REMARKS:

SPOKANE (FAC 1) AND MULLAN PASS (FAC 2) USED TO ESTABLISH FIX COORDINATES  
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
 HOLDING PATTERN 1 BY ATC REQUEST.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	KARPS (RNAV)			K65S	BONNERS FERRY	ID (US)
DP	COEUR D'ALENE	1, 4		KCOE	COEUR D'ALENE	ID (US)
EN ROUTE	V120	1, 2				(US)
EN ROUTE	V448	1				(US)
IAP	RNAV (GPS) RWY 2			K65S	BONNERS FERRY	ID (US)
IAP	NDB RWY 6	1, 3		KCOE	COEUR D'ALENE	ID (US)
IAP	RNAV (GPS)-B			KSZT	SANDPOINT	ID (US)
IAP	RNAV (GPS) RWY 4L		2	KSFF	SPOKANE	WA (US)
IAP	RNAV (GPS)-A			KSFF	SPOKANE	WA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8

DATE OF REVISION: 08/22/2013

## REASON FOR REVISION:

UPDATE FIX USE.  
 ADDED PAT 2.

THIS IS AN UPDATED COPY OF THE FORM ORIGINALLY DEVELOPED ON 11/27/12.  
 UPDATES: CORRECTED FACILITY LEN NDB MAG VAR FROM 19E TO 15E. MAG BEARING FROM 071.78 TO 075.78.

DEVELOPED BY:

DATE: 11/27/2012

OFFICE: AJV-354

NAME: PETER GETZ (THERON CYRUS)

QUALITY  
10  
CHECKED



**APPROVED BY:****DATE:** 07/10/2013**OFFICE:** AJV-354**NAME:** DEBORAH COPELAND**SIGNATURE:****DISTRIBUTION:**

**NFDC**  
**FPO:** WST  
**ARTCC:** ZSE  
**ATC FACILITY:** GEG APP CON  
**OTHER:**

QUALITY  
10  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: ORRON

STATE: ID

COUNTRY: US

LATITUDE/LONGITUDE: 481241.45N/1163453.77W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	WALBY					187.23	22731. 98				17500

HOLDING:

HOLDING TYPE OF ACTION: CANCEL

FIX USE:  
USE TYPE  
IAP

USE TITLE

FAC

PAT

AIRPORT IDENT  
KSZT

CITY  
SANDPOINT

STATE  
ID (US)

RNAV (GPS)-B

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 03/17/2005

REASON FOR REVISION:  
FACILITY 1 UPDATED

DEVELOPED BY:

DATE:

OFFICE:

NAME:

APPROVED BY:

DATE:

OFFICE: AVN-140

NAME: JOHN BICKERSTAFF

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO:  
ARTCC: ZSE  
ATC FACILITY:  
OTHER:

QUALITY  
10  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: WALBY

STATE: ID

COUNTRY: US

LATITUDE/LONGITUDE: 481623.99N/1163411.54W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

## FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	KSZT R01					187.16	1.20				17500

HOLDING:

HOLDING TYPE OF ACTION: CANCEL

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE ID (US)
IAP	RNAV (GPS)-B			KSZT	SANDPOINT	

THLD USED AS REFERENCE POINT- FINAL AIMING POINT 481735.55N-1163357.96W (19.99 FT FROM THLD ON CENTERLINE)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 03/17/2005

## REASON FOR REVISION:

FIX MOVED CLOSER TO RUNWAY.

DEVELOPED BY:

DATE:

OFFICE: .

NAME:

APPROVED BY:

DATE:

OFFICE: AVN-140

NAME: JOHN BICKERSTAFF

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: SEA  
ARTCC: ZSE  
ATC FACILITY: GEG  
OTHER:

QUALITY  
10  
CHECKED