

RADIO FIX AND HOLDING DATA RECORD

NAME: POST FALLS NDB

STATE: ID

COUNTRY: US

LATITUDE/LONGITUDE: 474434.33N/1165739.64W

TYPE:

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	MRA FEET	MAA
1	POST FALLS	LEN	NDB	MH						12500

HOLDING:

HOLDING TYPE OF ACTION: CANCEL

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	LEN	NDB	235.79	055.79	L	1	6400 12000	8 9

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	475049.70N/1165332.10W	5203	2A

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	164

REASON FOR NONSTANDARD HOLDING:

PAT 1 TERRAIN

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE ID (US)
IAP	NDB RWY 6	1	1	KCOE	COEUR D'ALENE	

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 03/31/2016

REASON FOR REVISION:

UPDATED FIX USE KCOE - NDB RWY 5 TO NDB RWY 6.

DEVELOPED BY:

DATE:

OFFICE:

NAME:

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: TONY R LAWSON

SIGNATURE:

Digitally signed by

BEV L BORDY

May 24, 2016

DISTRIBUTION:

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

QUALITY
11
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RADIO FIX AND HOLDING DATA RECORD

NAME: KARPS STATE: ID COUNTRY: US ICAO REGION CODE: K1
 LATITUDE/LONGITUDE: 474426.78N/1164509.90W 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	MRA	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	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: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	HOLDING ALTITUDES DME	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, 3		KCOE	COEUR D'ALENE	ID (US)
EN ROUTE	V120	1, 2				(US)
EN ROUTE	V448	1, 2				(US)
IAP	RNAV (GPS) RWY 2			K65S	BONNERS FERRY	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: 9

DATE OF REVISION: 09/15/2016

REASON FOR REVISION:

FIX USE UPDATE: DELETED NDB RWY 6 AT KCOE - PROCEDURE CANCELED
 FIX MAKE UP FACILITIES: DELETED FAC 3, LEN NDB - DECOMMISSIONED
 FIX USE: ENROUTE V448 - ADDED FAC 2

QUALITY
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DEVELOPED BY: DATE: 04/29/2016 OFFICE: AJV-5421 NAME: JOHN ROSARIO (THERON CYRUS)

APPROVED BY: DATE: OFFICE: AJV-5420 NAME: TONY LAWSON

SIGNATURE: *Digitally signed by*
BEV L BORDY

May 24, 2016

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZSE

ATC FACILITY: GEG APP CON

OTHER:

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RADIO FIX AND HOLDING DATA RECORD

NAME: SPOKANE VORTAC

STATE: WA

COUNTRY: US

LATITUDE/LONGITUDE: 473353.81N/1173736.79W

TYPE:

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	SPOKANE	GEG	VORTAC	H							45000

FIX RESTRICTIONS:

MCA V2 5200 EASTBOUND
MCA V120 5200 EASTBOUND
MCA V448 5200 NORTHEAST BOUND
SPECIAL RNAV VISUAL RWY 7, KEGG, SPOKANE, WA

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	SW	GEG	VORTAC	241.00	061.00	R	1-1 1/2		4200	35000	5	25
2	SW	GEG	VORTAC	208.00	028.00	R	1-1 1/2		4200	35000	5	25
3	N	GEG	VORTAC	360.00	180.00	R	1 1/2		20000	35000	17	25
4	SW		WP	210.26	030.26	R		5	4200	6000	6	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	473306.10N/1174333.60W	3149	6A
2	200	AAO	473306.10N/1174333.60W	3149	6A
2	310	AAO	473306.10N/1174333.60W	3149	6A
4	200	AAO	473306.10N/1174333.60W	3149	6A

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
2	TAKE-OFF MINIMUMS	KGEG	SPOKANE	WA (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
PATTERNS 1 AND 3 ARE FOR ATC USE, NOT ASSOCIATED WITH AN APPROACH.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	COEUR D'ALENE			KCOE	COEUR D'ALENE	ID (US)
DP	TAKE-OFF MINIMUMS			KDEW	DEER PARK	WA (US)
DP	MOSES			KMWH	MOSES LAKE	WA (US)
DP	TRI-CITIES			KPSC	PASCO	WA (US)
DP	MOUNTAIN			KSEA	SEATTLE	WA (US)
DP	SPOKANE			KGEG	SPOKANE	WA (US)
DP	TAKE-OFF MINIMUMS		2	KGEG	SPOKANE	WA (US)
DP	FELTS			KSFF	SPOKANE	WA (US)
DP	HAYDEN			KSFF	SPOKANE	WA (US)
DP	TAKE-OFF MINIMUMS			KSFF	SPOKANE	WA (US)
DP	WALLA WALLA			KALW	WALLA WALLA	WA (US)
DP	NACHES			KYKM	YAKIMA	WA (US)
EN ROUTE	J136					WA (US)
EN ROUTE	J143					WA (US)
EN ROUTE	J153					WA (US)
EN ROUTE	J3					WA (US)
EN ROUTE	J517					WA (US)
EN ROUTE	J52					WA (US)
EN ROUTE	V112					WA (US)
EN ROUTE	V120					WA (US)
EN ROUTE	V2					WA (US)
EN ROUTE	V204					WA (US)
EN ROUTE	V253					WA (US)
EN ROUTE	V444					WA (US)
EN ROUTE	V448					WA (US)
IAP	ILS OR LOC/DME RWY 6			KCOE	COEUR D'ALENE	ID (US)
IAP	RNAV (GPS) RWY 6			KCOE	COEUR D'ALENE	ID (US)
IAP	VOR/DME RWY 2			KCOE	COEUR D'ALENE	ID (US)
IAP	LOC-A			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			KDEW	DEER PARK	WA (US)
IAP	ILS OR LOC RWY 03		2	KGEG	SPOKANE	WA (US)

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IAP	ILS OR LOC/DME RWY 21	2	KGEG	SPOKANE	WA (US)
IAP	ILS RWY 03 (CAT II)	2	KGEG	SPOKANE	WA (US)
IAP	ILS RWY 03 (CAT III)	2	KGEG	SPOKANE	WA (US)
IAP	ILS RWY 03 (SA CAT I)	2	KGEG	SPOKANE	WA (US)
IAP	ILS RWY 21 (CAT II)	2	KGEG	SPOKANE	WA (US)
IAP	ILS RWY 21 (CAT III)	2	KGEG	SPOKANE	WA (US)
IAP	ILS RWY 21 (SA CAT 1)	2	KGEG	SPOKANE	WA (US)
IAP	RIDDLE HILL VISUAL RWY 07		KGEG	SPOKANE	WA (US)
IAP	RNAV (GPS) Y RWY 07		KGEG	SPOKANE	WA (US)
IAP	RNAV (GPS) Y RWY 21	4	KGEG	SPOKANE	WA (US)
IAP	RNAV VISUAL RWY 7		KGEG	SPOKANE	WA (US)
IAP	VOR RWY 03	2	KGEG	SPOKANE	WA (US)
IAP	ILS OR LOC RWY 22R	2	KSFF	SPOKANE	WA (US)
IAP	VOR RWY 04L	2	KSFF	SPOKANE	WA (US)
STAR	GLASR		KRNT	RENTON	WA (US)
STAR	EPHRATA		KBFI	SEATTLE	WA (US)
STAR	GLASR		KBFI	SEATTLE	WA (US)
STAR	EPHRATA		KSEA	SEATTLE	WA (US)
STAR	GLASR		KSEA	SEATTLE	WA (US)
STAR	HILIE		KGEG	SPOKANE	WA (US)
STAR	ZOOMR		KGEG	SPOKANE	WA (US)
STAR	HILIE		KSFF	SPOKANE	WA (US)
STAR	ZOOMR		KSFF	SPOKANE	WA (US)
STAR	HILIE		KSKA	SPOKANE	WA (US)
STAR	ZOOMR		KSKA	SPOKANE	WA (US)
STAR	GLASR		KTCM	TACOMA	WA (US)

REQUIRED CHARTING: DP, STAR, IAP, AREA, CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 16

DATE OF REVISION: 09/15/2016

REASON FOR REVISION:

UPDATED FIX USE: DELETED KCOE NDB RWY 6 - IAP CANCELLED

DEVELOPED BY: **DATE:** 04/29/2016 **OFFICE:** AJV-5421 **NAME:** JOHN ROSARIO

APPROVED BY: **DATE:** **OFFICE:** AJV-5420 **NAME:** TONY LAWSON

SIGNATURE: *Digitally signed by*
BEV L BORDY

DISTRIBUTION: **NFDC** May 24, 2016
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