

RADIO FIX AND HOLDING DATA RECORD

NAME: GANGS STATE: WA COUNTRY: US ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 473010.62N/1175559.74W 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	VH	239.48	253.48	13.00	13.00	5000	17500
2	PULLMAN	PUW	VOR/DME	L	309.93	329.93		57.63	5000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
PUW	VOR/DME	R-310	58	5000	17500

FIX RESTRICTIONS:

RNAV VISUAL RWY 8, 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	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	SW		WP	236.48	056.48	R	5	5000	6000	6	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	473406.00N/1175318.00W	3134	4E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

SPOKANE (FAC 1) AND PULLMAN (FAC 2) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T268					(US)
EN ROUTE	V2	1, 2				(US)
EN ROUTE	V448	1, 2				(US)
IAP	RNAV (GPS) Y RWY 21		1	KEGG	SPOKANE	WA (US)
IAP	RNAV (GPS) Y RWY 26		1	KEGG	SPOKANE	WA (US)
IAP	RNAV (RNP) Z RWY 21		1	KEGG	SPOKANE	WA (US)
IAP	RNAV (RNP) Z RWY 26		1	KEGG	SPOKANE	WA (US)
IAP	RNAV VISUAL RWY 8			KEGG	SPOKANE	WA (US)
STAR	ZOOMR	1, 2		KEGG	SPOKANE	WA (US)
STAR	ZOOMR	1, 2		KSFF	SPOKANE	WA (US)
STAR	ZOOMR	1, 2		KSKA	SPOKANE	WA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 06/15/2023

REASON FOR REVISION:

CHANGED FIX MAKEUP FACILITY GEG MAGNETIC BEARING FROM 232.48 TO 239.48 - GEG MAGVAR CHANGED FROM E21 TO E14

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: TAYLOR GIBSON

APPROVED BY:

DATE: 06/15/2023

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

Digitally signed by

ALLAN WILL

Feb 02, 2023

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ZOOMR

STATE: WA

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 472531.89N/1181833.62W

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	VH	239.48	253.48	29.00	29.00	5000	45000
2	PULLMAN	PUW	VOR/DME	L	295.75	315.75		63.39	5000	17500
3	EPHRATA	EPH	VORTAC	VH	064.99	085.99	45.52	45.52	5000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
PUW	VOR/DME	R-296	64	5000	17500
EPH	VORTAC	R-065	46	5000	25000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

SPOKANE (FAC 1) AND PULLMAN (FAC 2) USED TO ESTABLISH FIX COORDINATES.
AIR TRAFFIC COORDINATION FIX.
DME ONLY FIX ABOVE 17500.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	Q144					(US)
EN ROUTE	T268					(US)
EN ROUTE	V2	1, 2, 3				(US)
EN ROUTE	V448	1, 2, 3				(US)
IAP	RNAV (GPS) Y RWY 21			KGEG	SPOKANE	WA (US)
IAP	RNAV (GPS) Y RWY 26			KGEG	SPOKANE	WA (US)
IAP	RNAV (GPS) Y RWY 3			KGEG	SPOKANE	WA (US)
IAP	RNAV (GPS) Y RWY 8			KGEG	SPOKANE	WA (US)
IAP	RNAV (RNP) Z RWY 21			KGEG	SPOKANE	WA (US)
IAP	RNAV (RNP) Z RWY 3			KGEG	SPOKANE	WA (US)
IAP	RNAV (RNP) Z RWY 8			KGEG	SPOKANE	WA (US)
STAR	ZOOMR	1, 2, 3		KGEG	SPOKANE	WA (US)
STAR	ZOOMR	1, 2, 3		KSFF	SPOKANE	WA (US)
STAR	ZOOMR	1, 2, 3		KSKA	SPOKANE	WA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10

DATE OF REVISION: 06/15/2023

REASON FOR REVISION:

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NAME: TAYLOR GIBSON

APPROVED BY:

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