

# RADIO FIX AND HOLDING DATA RECORD

NAME: CORDO

STATE: OR

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 455026.98N/1191044.96W

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	FAC FEET	MRA	MAA
1	PENDLETON	PDT	VORTAC	H	296.33	310.33	13.23	13.23		4000	17500
2	PASCO	PSC	VOR/DME	L	170.75	185.75		25.90		4000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

PENDLETON (FAC 1) USED TO ESTABLISH FIX COORDINATES

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V4	1, 2				WA (US)
IAP	RNAV (GPS) RWY 11			KPDT	PENDLETON	OR (US)
IAP	RNAV (GPS) RWY 8			KPDT	PENDLETON	OR (US)
IAP	VOR RWY 8	1		KPDT	PENDLETON	OR (US)
IAP	RNAV (GPS) Y RWY 3L			KPSC	PASCO	WA (US)
IAP	RNAV (RNP) Z RWY 3L			KPSC	PASCO	WA (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 13

DATE OF REVISION: 12/05/2019

## REASON FOR REVISION:

1. CHANGED FAC 1 (PDT) MAG BRG FROM 290.33 TO 296.33 IN FIX MAKE-UP FACILITIES.
2. CHANGED RNAV (GPS) RWY 07 TO RNAV (GPS) RWY 8 AT KPDT IN FIX USE.
3. CHANGED VOR RWY 7 TO VOR RWY 8 AT KPDT IN FIX USE.
4. ADDED CONTROLLER LOW TO REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: THOR CORNELL

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: WST  
ARTCC: ZSE  
ATC FACILITY: PSC ATCT/ PSC APP CON  
OTHER:

# RADIO FIX AND HOLDING DATA RECORD

NAME: OLNUC

STATE: OR

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 453529.00N/1190714.82W

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 NM	FAC FEET	MRA	MAA
1	PENDLETON	PDT	VORTAC	H	216.10	230.10	10.00	10.00		6000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US) OR (US)
EN ROUTE	V536	1				
IAP	VOR RWY 8	1		KPDT	PENDLETON	

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 12/05/2019

## REASON FOR REVISION:

1. ADDED CONTROLLER LOW TO REQUIRED CHARTING.
2. CHANGED FAC 1 (PDT) MAG BRG FROM 210.10 TO 216.10 IN FIX MAKE-UP FACILITIES.
3. DELETED RNAV (GPS) RWY 7 (KPDT) FROM FIX USE.
4. CHANGED VOR RWY 7 TO VOR RWY 8 AT KPDT IN FIX USE.
5. ADDED FAC 1 TO V536 IN FIX USE.
6. ADDED FAC 1 TO VOR RWY 8 AT KPDT IN FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: THOR CORNELL

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: WST  
ARTCC: ZSE  
ATC FACILITY: CHINOOK  
OTHER:

# RADIO FIX AND HOLDING DATA RECORD

NAME: PENDLETON VORTAC

STATE: OR

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 454154.32N/1185619.36W

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	FEET	MRA	MAA
1	PENDLETON	PDT	VORTAC	H							45000

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	W	PDT	VORTAC	259.00	079.00	R	1	4000 17500	4 16
2	E	PDT	VORTAC	101.00	281.00	R	1	4000 17500	4 16
3	E		WP	106.00	286.00	R		4000 14000	5 11
4	E	PDT	VORTAC	106.00	286.00	R	1	4000 14000	4 10
5	W		WP	253.00	073.00	R		4100 6000	6 6
6	W	PDT	VORTAC	259.00	079.00	L	1	4000 17500	4 16

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	453703.00N/1185912.00W	2415	4E
1	310	AAO	453215.00N/1190518.00W	2861	4E
2	200	AAO	454045.00N/1185518.00W	1900	4E
3	200	TOWER (41-020171)	454123.07N/1185538.75W	1773	1A
4	200	AAO	454038.00N/1185507.00W	1919	2C
5	200	AAO	453636.00N/1185915.00W	2441	4E
5	310	AAO	453036.00N/1190354.00W	2986	4E
6	200	AAO	453830.00N/1185754.00W	1900	4E
6	310	AAO	453636.00N/1185915.00W	2441	2C

**PRECIPITOUS TERRAIN ADDITIONS:**

PAT	SPEED	ADDITION
5	310	100

**REASON FOR NONSTANDARD HOLDING:**

PAT 6 ATC REQUEST

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERNS.

**PROCEDURES REQUIRING CLIMB-IN-HOLD:**

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 26	KPDT	PENDLETON	OR (US)
1	VOR RWY 8	KPDT	PENDLETON	OR (US)
5	RNAV (GPS) RWY 26	KPDT	PENDLETON	OR (US)
6	TAKE OFF MINIMUMS	KPDT	PENDLETON	OR (US)

**REMARKS:**

PAT 2 DEVELOPED AT ATC REQUEST.  
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
 KPDT MAG VAR 16E/2005.  
 ASSIGNED FACILITY MAGVAR: 14 DEGREES EAST.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	TAKE OFF MINIMUMS		6	KPDT	PENDLETON	OR (US)
DP	LAVAA (RNAV)			KPDX	PORTLAND	OR (US)
DP	PORTLAND			KPDX	PORTLAND	OR (US)
DP	REDMOND			KRDM	REDMOND	OR (US)
DP	TRI-CITIES			KPSC	PASCO	WA (US)
DP	SPOKANE			KGEG	SPOKANE	WA (US)
DP	FELTS			KSFF	SPOKANE	WA (US)
DP	WALLA WALLA			KALW	WALLA WALLA	WA (US)
DP	NACHES			KYKM	YAKIMA	WA (US)
EN ROUTE	J16					(US)
EN ROUTE	J20					(US)
EN ROUTE	V112					(US)
EN ROUTE	V298					(US)
EN ROUTE	V4					(US)
EN ROUTE	V536					(US)
IAP	RNAV (GPS)-B		3	KHRI	HERMISTON	OR (US)
IAP	VOR-A		4	KHRI	HERMISTON	OR (US)
IAP	NDB-B			KLGD	LA GRANDE	OR (US)
IAP	ILS OR LOC RWY 26		1	KPDT	PENDLETON	OR (US)
IAP	RNAV (GPS) RWY 11			KPDT	PENDLETON	OR (US)

IAP	RNAV (GPS) RWY 26	5	KPDT	PENDLETON	OR (US)
IAP	RNAV (GPS) RWY 29		KPDT	PENDLETON	OR (US)
IAP	RNAV (GPS) RWY 8		KPDT	PENDLETON	OR (US)
IAP	VOR RWY 8	1	KPDT	PENDLETON	OR (US)
IAP	ILS OR LOC RWY 21R		KPSC	PASCO	WA (US)
IAP	RNAV (GPS) Y RWY 30		KPSC	PASCO	WA (US)
IAP	VOR RWY 21R		KPSC	PASCO	WA (US)
IAP	VOR RWY 30		KPSC	PASCO	WA (US)
STAR	CHINS		KPAE	EVERETT	WA (US)
STAR	CHINS		KRNT	RENTON	WA (US)
STAR	CHINS		KBFI	SEATTLE	WA (US)
STAR	CHINS		KSEA	SEATTLE	WA (US)
STAR	ADYMS (RNAV)		KTCM	TACOMA	WA (US)
STAR	WHYTE		KTCM	TACOMA	WA (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 20

**DATE OF REVISION:** 12/05/2019

**REASON FOR REVISION:**

REMARKS: PDT VORTAC MAGVAR UPDATED FROM 20E TO 14E 2020.  
PATTERNS 1,2,4,6 CRS INBOUND UPDATED TO NEW MAGVAR.

08/19/19: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 07/29/19.  
CHANGED ALL REFERENCES OF KPDT RWY 7/25 TO RWY 8/26.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A442

**NAME:** JOSEPH ZEDER

**APPROVED BY:**

**DATE:** 07/30/2019

**OFFICE:** AJV-A440

**NAME:** PATRICK MULQUEEN

**SIGNATURE:**

**DISTRIBUTION:**

**NFDC**

**FPO:** WST

**ARTCC:** ZSE

**ATC FACILITY:** CHINOOK APP CON, SEATTLE APP CON

**OTHER:** PDT ATCT

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** WALLA WALLA VOR/DME      **STATE:** WA      **COUNTRY:** US      **ICAO REGION CODE:** K1  
**LATITUDE/LONGITUDE:** 460513.12N/1181733.13W      **TYPE:**  
**AIRSPACE DOCKET:** 17-ANM-24      **FIX TYPE OF ACTION:** MODIFY

**FIX MAKE-UP FACILITIES:**

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	WALLA WALLA	ALW	VOR/DME	L							17500

**FIX RESTRICTIONS:**

MCA V520 5800 NORTHEAST BOUND  
 MCA V357 5300 SOUTHEAST BOUND

**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	S	ALW	VOR/DME	194.91	014.91	L	1		3000	17500	4	16

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	460354.00N/1181300.00W	1936	4E

**REASON FOR NONSTANDARD HOLDING:**

PAT 1 TERRAIN

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERN.

**REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
 FACILITY MAGVAR E20 1980.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	MOSES			KMWH	MOSES LAKE	WA (US)
DP	TRI-CITIES			KPSC	PASCO	WA (US)
DP	SPOKANE			KGEG	SPOKANE	WA (US)
DP	FELTS			KSFF	SPOKANE	WA (US)
DP	WALLA WALLA			KALW	WALLA WALLA	WA (US)
DP	WALLA WALLA TAKE-OFF			KALW	WALLA WALLA	WA (US)
	MINIMUMS					
DP	NACHES			KYKM	YAKIMA	WA (US)
EN ROUTE	T276					(US)
EN ROUTE	V357					WA (US)
EN ROUTE	V444					WA (US)
EN ROUTE	V520					WA (US)
EN ROUTE	V536					WA (US)
IAP	RNAV (RNP) RWY 30			KLWS	LEWISTON	ID (US)
IAP	NDB-B			KLGD	LA GRANDE	OR (US)
IAP	ILS OR LOC RWY 26			KPDT	PENDLETON	OR (US)
IAP	RNAV (GPS) RWY 26			KPDT	PENDLETON	OR (US)
IAP	ILS OR LOC/DME RWY 21R			KPSC	PASCO	WA (US)
IAP	VOR/DME RWY 30			KPSC	PASCO	WA (US)
IAP	LOC RWY 19			KRLD	RICHLAND	WA (US)
IAP	ILS OR LOC Y RWY 20			KALW	WALLA WALLA	WA (US)
IAP	ILS Z OR LOC/DME RWY 20			KALW	WALLA WALLA	WA (US)
IAP	RNAV (GPS) RWY 20			KALW	WALLA WALLA	WA (US)
IAP	VOR RWY 20			KALW	WALLA WALLA	WA (US)
IAP	VOR/DME RWY 2		1	KALW	WALLA WALLA	WA (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 15

**DATE OF REVISION:** 12/05/2019

**REASON FOR REVISION:**

1. ADDED AIRSPACE DOCKET NUMBER.
2. REMOVED FIX RESTRICTION MCA V536 4000 NORTHEAST BOUND.
3. HOLDING PATTERN: CHANGED LEG TIME FROM 1-1 1/2 TO 1.
4. ADDED FAC MAGVAR.
5. FIX USE: ADDED T276.
6. FIX USE: REMOVED VOR/DME RWY 21R AT KPSC.
7. FIX USE: CHANGED KPDT ILS OR LOC/DME RWY 25 TO ILS OR LOC RWY 25.
8. CHARTING: CHANGED CONTROLLER TO CONTROLLER LOW.

08/20/19: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 05/29/19.

1. CHANGED KPDT ILS OR LOC RWY 25 TO ILS OR LOC RWY 26 IN FIX USE.
2. CHANGED KPDT RNAV (GPS) RWY 25 TO RNAV (GPS) RWY 26 IN FIX USE.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A422

**NAME:** BARRY SMITH

**APPROVED BY:**

**DATE:**

**OFFICE:** AJV-A422

**NAME:** MARLON ROBINSON

**SIGNATURE:**

**DISTRIBUTION:**

**NFDC**

**FPO:** WST

**ARTCC:** ZSE

**ATC FACILITY:** PSC APP CON

**OTHER:**