

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** DESCHUTES VORTAC      **STATE:** OR      **COUNTRY:** US      **ICAO REGION CODE:** K1

**LATITUDE/LONGITUDE:** 441509.94N/1211812.79W      **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	MRA	MAA
							NM	FEET		
1	DESCHUTES	DSD	VORTAC	H						45000

**FIX RESTRICTIONS:**

MCA V121 10400 WESTBOUND  
MCA V595 7900 SOUTHWEST BOUND  
MCA V165 9300 NORTHWEST BOUND

**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
							TIME DME	MIN MAX	MIN MAX
1	N	DSD	VORTAC	347.55	167.55	R	1	6000 17500	7 16
2	W	DSD	VORTAC	262.00	082.00	L	1	7000 17500	8 20
3	NW		WP	308.96	128.96	L	5	6000 10000	6 10
4	N	DSD	VORTAC	358.03	178.03	L	1	6700 17500	8 16
5	S		WP	192.41	012.41	R	7	7200 10000	6 9
6	W		WP	265.50	085.50	L	7	7100 14000	9 11

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	NAVAID (41-022922)	441509.95N/1211812.69W	4126	1C
1	310	AAO	442918.00N/1212839.00W	4784	4E
2	230	AAO	442354.50N/1213800.31W	6636	6C
2	310	AAO	440957.07N/1214616.56W	10285	6C
3	230	AAO	442918.00N/1212839.00W	4784	4E
4	230	AAO	442502.00N/1210600.00W	5308	6C
5	230	TOWER (41-000402)	440440.41N/1212001.12W	4570	3C
6	230	AAO	442403.00N/1213806.00W	6631	3E

**PRECIPITOUS TERRAIN ADDITIONS:**

PAT	SPEED	ADDITION
1	310	170
5	230	77
6	230	130

**REASON FOR NONSTANDARD HOLDING:**

PAT 2 TERRAIN  
PAT 3 TERRAIN  
PAT 4 TERRAIN  
PAT 6 TERRAIN

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

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

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	BEND (OBSTACLE)	KBDN	BEND	OR (US)
1	VOR RWY 16	KBDN	BEND	OR (US)
1	TAKEOFF MINIMUMS	KBDN	BEND	OR (US)
1	TAKEOFF MINIMUMS	S33	MADRAS	OR (US)
1	TAKEOFF MINIMUMS	KRDM	REDMOND	OR (US)
2	REDMOND	KRDM	REDMOND	OR (US)

**REMARKS:**

PAT 1 230 KT CONTROLLING OBSTACLE IS DSD VORTAC. 200 FT AAO NOT ADDED TO TERRAIN AT THIS LOCATION DUE TO AERIAL IMAGERY SHOWING A LARGE CLEARED AREA AROUND THE VORTAC.  
PAT 2 OBSTACLE IS 11085 FT INTO SECONDARY.  
PAT 5 OBSTACLE IS 7170 FT INTO SECONDARY.  
PAT 6 OBSTACLE IS 5433 FT INTO SECONDARY.  
PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
ASSIGNED FACILITY MAGNETIC VARIATION/YEAR: E18/1990.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BEND (OBSTACLE)		1	KBDN	BEND	OR (US)
DP	TAKEOFF MINIMUMS		1	KBDN	BEND	OR (US)
DP	EUGENE			KEUG	EUGENE	OR (US)
DP	KINGSLEY			KLMT	KLAMATH FALLS	OR (US)
DP	TAKEOFF MINIMUMS		1	S33	MADRAS	OR (US)
DP	CHISM (RNAV)			KHIO	PORTLAND	OR (US)

DP	CASCADE (RNAV)		KPDX	PORTLAND	OR (US)
DP	PORTLAND		KPDX	PORTLAND	OR (US)
DP	DESCHUTES (RNAV)		S39	PRINEVILLE	OR (US)
DP	REDMOND	2	KRDM	REDMOND	OR (US)
DP	TAKEOFF MINIMUMS	1	KRDM	REDMOND	OR (US)
DP	SALEM		KSLE	SALEM	OR (US)
DP	TAKEOFF MINIMUMS		S21	SUNRIVER	OR (US)
EN ROUTE	T261				(US)
EN ROUTE	V121				(US)
EN ROUTE	V165				(US)
EN ROUTE	V25				(US)
EN ROUTE	V269				(US)
EN ROUTE	V536				(US)
EN ROUTE	V595				(US)
IAP	RNAV (GPS) RWY 34	3	KBDN	BEND	OR (US)
IAP	RNAV (GPS) Y RWY 16	3	KBDN	BEND	OR (US)
IAP	RNAV (GPS) Z RWY 16		KBDN	BEND	OR (US)
IAP	VOR RWY 16	1	KBDN	BEND	OR (US)
IAP	RNAV (GPS) RWY 34	5	S33	MADRAS	OR (US)
IAP	RNAV (GPS) RWY 29	6	S39	PRINEVILLE	OR (US)
IAP	RNAV (GPS) RWY 11	6	S39	PRINEVILLE	OR (US)
IAP	ILS OR LOC RWY 23		KRDM	REDMOND	OR (US)
IAP	JUNIPER VISUAL RWY 23		KRDM	REDMOND	OR (US)
IAP	RNAV (GPS) Y RWY 29		KRDM	REDMOND	OR (US)
IAP	RNAV (GPS) Z RWY 29		KRDM	REDMOND	OR (US)
IAP	RNAV (RNP) Z RWY 23		KRDM	REDMOND	OR (US)
IAP	VOR-A	1	KRDM	REDMOND	OR (US)
IAP	RNAV (GPS) RWY 18		S21	SUNRIVER	OR (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 30

**DATE OF REVISION:** 04/20/2023

**REASON FOR REVISION:**

1. UPDATED PAT 3 CRS DATA FROM 303.97/121.97 TO 308.96/128.96.
2. UPDATED PAT 3 DME FROM 6 TO 5 AND MIN TEMPLATES FROM 8 TO 6.
3. UPDATED PAT 1 MAX TEMPLATE FROM 20 TO 16.
4. UPDATED PAT 1 310 KIAS CONTROLLING OBS FROM "440548.00N/1213500.00W 6851" TO "442918.00N/1212839.00W 4784".
5. UPDATED PAT 3 AAO OBS FROM 442926.40N/1212823.30W 4819 6C TO AAO 42918.00N/1212839.00W 4784 4E.
6. PRECIPITOUS TERRAIN ADDITIONS: ADDED PAT 1 310 KIAS 170 FT.
7. PROCEDURES REQUIRING C-I-H: ADDED VOR RWY 16.

**INITIATED BY:**                      **DATE:**                      **ORGANIZATION:**                      **NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**                      AJV-A423                      **NAME:** PATRICK COMBS

**APPROVED BY:**                      **DATE:** 04/20/2023                      **OFFICE:** AJV-A420                      **NAME:** MARLON ROBINSON

**SIGNATURE:**