

# 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<br>NM FEET | MRA | MAA   |
|-----|-----------|-------|--------|-------|---------|----------|-----|--------------------------|-----|-------|
| 1   | DESCHUTES | DSD   | VORTAC | VH    |         |          |     |                          |     | 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<br>INBOUND | TURN<br>(L OR R) | LEG LENGTH<br>TIME DME | HOLDING ALTITUDES<br>MIN MAX | TEMPLATES<br>MIN MAX |
|-----|-----|-------|--------|-------------|----------------|------------------|------------------------|------------------------------|----------------------|
| 1   | W   | DSD   | VORTAC | 262.00      | 082.00         | L                | 1                      | 7000 17500                   | 8 20                 |
| 2   | NW  |       | WP     | 308.96      | 128.96         | L                | 5                      | 6000 10000                   | 6 10                 |
| 3   | W   |       | WP     | 265.50      | 085.50         | L                | 7                      | 7100 14000                   | 9 11                 |
| 4   | NW  | DSD   | VORTAC | 315.75      | 135.75         | L                | 1                      | 7000 17500                   | 8 16                 |
| 5   | N   | DSD   | VORTAC | 347.55      | 167.55         | R                | 1                      | 6100 17500                   | 7 13                 |

**CONTROLLING OBSTRUCTIONS:**

| PAT | AIRSPEED | OBSTRUCTION | COORDINATES            | ELEVATION | ACCURACY CODE |
|-----|----------|-------------|------------------------|-----------|---------------|
| 1   | 230      | AAO         | 442354.50N/1213800.31W | 6636      | 6C            |
| 1   | 310      | AAO         | 440957.07N/1214616.56W | 10285     | 6C            |
| 2   | 200      | AAO         | 441512.00N/1211812.00W | 4318      | 4B            |
| 3   | 230      | AAO         | 442354.00N/1213803.00W | 6628      | 4B            |
| 4   | 230      | AAO         | 442815.00N/1212803.00W | 4367      | 4B            |
| 4   | 310      | AAO         | 442912.00N/1212845.00W | 4813      | 4B            |
| 5   | 230      | AAO         | 441512.00N/1211812.00W | 4318      | 4B            |
| 5   | 310      | AAO         | 442912.00N/1212845.00W | 4813      | 4B            |

**PRECIPITOUS TERRAIN ADDITIONS:**

| PAT | SPEED | ADDITION |
|-----|-------|----------|
| 3   | 230   | 150      |
| 4   | 310   | 150      |
| 5   | 310   | 170      |

**REASON FOR NONSTANDARD HOLDING:**

PAT 1 TERRAIN  
PAT 2 TERRAIN  
PAT 3 TERRAIN  
PAT 4 TERRAIN AND IAW 8260.19I 8-6-6 G(6)

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERNS.

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

| PAT | PROCEDURE TITLE               | AIRPORT IDENT | CITY    | STATE   |
|-----|-------------------------------|---------------|---------|---------|
| 1   | REDMOND                       | KRDM          | REDMOND | OR (US) |
| 4   | VOR RWY 17                    | BDN           | BEND    | OR (US) |
| 5   | TAKEOFF MINIMUMS              | KBDN          | BEND    | OR (US) |
| 5   | BEND (OBSTACLE)               | KBDN          | BEND    | OR (US) |
| 5   | TAKEOFF MINIMUMS AND OBSTACLE | S33           | MADRAS  | OR (US) |
| 5   | DP                            |               |         |         |
| 5   | VOR-A                         | KRDM          | REDMOND | OR (US) |

**REMARKS:**

200 KIAS HOLDING AT 6000 UTILIZED WITH PAT 2 WITH NO IMPACT TO MILITARY OPERATIONS PER FPT/ATC  
PAT 1 OBSTACLE IS 11085 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)                  |     | 5   | BDN           | BEND          | OR (US) |
| DP       | TAKEOFF MINIMUMS                 |     | 5   | BDN           | BEND          | OR (US) |
| DP       | EUGENE                           |     |     | EUG           | EUGENE        | OR (US) |
| DP       | KINGSLEY                         |     |     | LMT           | KLAMATH FALLS | OR (US) |
| DP       | TAKEOFF MINIMUMS AND OBSTACLE DP |     | 5   | S33           | MADRAS        | OR (US) |
| DP       | CHISM (RNAV)                     |     |     | HIO           | PORTLAND      | OR (US) |
| DP       | CASCADE (RNAV)                   |     |     | PDX           | PORTLAND      | OR (US) |
| DP       | PORTLAND                         |     |     | PDX           | PORTLAND      | OR (US) |

|          |                       |   |     |            |         |
|----------|-----------------------|---|-----|------------|---------|
| DP       | DESCHUTES (RNAV)      |   | S39 | PRINEVILLE | OR (US) |
| DP       | REDMOND               | 1 | RDM | REDMOND    | OR (US) |
| DP       | SALEM                 |   | SLE | SALEM      | OR (US) |
| DP       | TAKEOFF MINIMUMS      |   | S21 | SUNRIVER   | OR (US) |
| EN ROUTE | J159                  |   |     |            | (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      | VOR RWY 17            | 4 | BDN | BEND       | OR (US) |
| IAP      | RNAV (GPS) RWY 35     | 2 | BDN | BEND       | OR (US) |
| IAP      | RNAV (GPS) Y RWY 17   | 2 | BDN | BEND       | OR (US) |
| IAP      | RNAV (GPS) Z RWY 17   |   | BDN | BEND       | OR (US) |
| IAP      | RNAV (GPS) RWY 11     | 3 | S39 | PRINEVILLE | OR (US) |
| IAP      | RNAV (GPS) RWY 29     | 3 | S39 | PRINEVILLE | OR (US) |
| IAP      | ILS OR LOC RWY 23     |   | RDM | REDMOND    | OR (US) |
| IAP      | JUNIPER VISUAL RWY 23 |   | RDM | REDMOND    | OR (US) |
| IAP      | RNAV (GPS) Y RWY 29   |   | RDM | REDMOND    | OR (US) |
| IAP      | RNAV (GPS) Z RWY 29   |   | RDM | REDMOND    | OR (US) |
| IAP      | VOR-A                 | 5 | RDM | 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:** 32

**DATE OF REVISION:** 07/09/2026

**REASON FOR REVISION:**

1. CHANGED BDN RNAV (GPS) RWY 34 TO RNAV (GPS) RWY 35.
2. CHANGED BDN RNAV (GPS) Z RWY 16 TO RNAV (GPS) Z RWY 17.
3. ADDED BDN RNAV (GPS) Y RWY 17.
4. CHANGED BDN VOR RWY 16 TO VOR RWY 17.
5. CHANGED PATTERN 2 CONTROLLING OBSTRUCTION FROM 4285 AAO 441515.00N/1211812.00W TO 4318 AAO 441512.00N/1211812.00W.
6. CHANGED PATTERN 4, AIRSPEED 230 CONTROLLING OBSTRUCTION FROM 4318 AAO 442818.00N/12128.00W TO 4367 AAO 442815.00N/1212803.00W.
7. CHANGED PATTERN 4, AIRSPEED 310 CONTROLLING OBSTRUCTION FROM 4784 AAO 442918.00N/1212839.00W TO 4813 AAO 442912.00N/1212845.00W
8. HOLDING PATTERN RESTRICTIONS: ADDED "HOLDING LIMITED TO ESTABLISHED PATTERNS."
9. REMOVED RDM CLINE (OBSTACLE) FROM PROCEDURES REQUIRING CLIMB-IN-HOLD AND FIX USE.

|                                          |                         |                         |                           |
|------------------------------------------|-------------------------|-------------------------|---------------------------|
| <b>INITIATED BY:</b>                     | <b>DATE:</b>            | <b>ORGANIZATION:</b>    | <b>NAME:</b>              |
| <b>OFFICE OF PRIMARY RESPONSIBILITY:</b> |                         | AJV-A431                | <b>NAME:</b> STEVEN SHEDD |
| <b>APPROVED BY:</b>                      | <b>DATE:</b> 06/04/2026 | <b>OFFICE:</b> AJV-A431 | <b>NAME:</b> CASEY HILL   |
| <b>SIGNATURE:</b>                        |                         |                         |                           |