

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)  
TITLE 14 CFR PART 97.37**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.  
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

| <u>AIRPORT</u> | <u>AIRPORT ID</u> | <u>CITY</u> | <u>STATE</u> | <u>AMDT NO</u> | <u>ACTUAL EFFECTIVE DATE</u> |
|----------------|-------------------|-------------|--------------|----------------|------------------------------|
| PRINEVILLE     | S39               | PRINEVILLE  | OR           | 2B             | 06/17/2021                   |

**TAKEOFF MINIMUMS:**

RWY 11: STANDARD WITH MINIMUM CLIMB OF 290 FT PER NM TO 6000, OR 2600-3 FOR VCOA.  
RWY 15: STANDARD WITH MINIMUM CLIMB OF 325 FT PER NM TO 6000, OR 2600-3 FOR VCOA.  
RWY 29: STANDARD WITH MINIMUM CLIMB OF 415 FT PER NM TO 6600, OR 2600-3 FOR VCOA.  
RWY 33: STANDARD WITH MINIMUM CLIMB OF 380 FT PER NM TO 6700, OR 2600-3 FOR VCOA.

**TEXTUAL DEPARTURE PROCEDURES:**

RWY 11: CLIMB ON HEADING 105.28 TO 5700 BEFORE PROCEEDING ON COURSE.  
RWY 15: CLIMB ON HEADING 157.45 TO 6000 BEFORE PROCEEDING ON COURSE.  
RWY 29: CLIMB ON HEADING 285.29 TO 6600 BEFORE PROCEEDING ON COURSE.  
RWY 33: CLIMB ON HEADING 337.45 TO 6700 BEFORE PROCEEDING ON COURSE.

**VISUAL CLIMB OVER AIRPORT:**

RWY 11, 15, 29, 33: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS PRINEVILLE AIRPORT AT OR ABOVE 5700 BEFORE PROCEEDING ON COURSE.

**TAKEOFF OBSTACLE NOTES:**

NOTE: RWY 11: VEGETATION 45 FT FROM DER, 353 FT LEFT OF CENTERLINE, 3240 FT MSL. BUILDING 304 FT FROM DER, 574 FT RIGHT OF CENTERLINE, 23 FT AGL/3262 FT MSL. POLE 414 FT FROM DER, 248 FT LEFT OF CENTERLINE, 22 FT AGL/3258 FT MSL. TREE 879 FT FROM DER, 567 FT RIGHT OF CENTERLINE, 3281 FT MSL. TREE 1412 FT FROM DER, 758 FT RIGHT OF CENTERLINE, 3282 FT MSL. TREE 1788 FT FROM DER, 901 FT RIGHT OF CENTERLINE, 3291 FT MSL. POLE 2080 FT FROM DER, 959 FT RIGHT OF CENTERLINE, 47 FT AGL/3307 FT MSL. BUILDING 2980 FT FROM DER, 1251 FT RIGHT OF CENTERLINE, 39 FT AGL/3314 FT MSL. BUILDING 3193 FT FROM DER, 1264 FT RIGHT OF CENTERLINE, 44 FT AGL/3318 FT MSL.

NOTE: RWY 15: BUILDING, TREE BEGINNING 36 FT FROM DER, 125 FT LEFT OF CENTERLINE, UP TO 27 FT AGL/3277 FT MSL. TREE 106 FT FROM DER, 151 FT RIGHT OF CENTERLINE, 11 FT AGL/3258 FT MSL. TREES BEGINNING 123 FT FROM DER, 182 FT RIGHT OF CENTERLINE, UP TO 20 FT AGL/3266 FT MSL. TREE 350 FT FROM DER, 560 FT LEFT OF CENTERLINE, 37 FT AGL/3290 FT MSL. TREES, VEHICLE ON ROAD BEGINNING 662 FT FROM DER, 24 FT LEFT OF CENTERLINE, UP TO 37 FT AGL/3297 FT MSL.

NOTE: RWY 29: TREE 17 FT FROM DER, 479 FT LEFT OF CENTERLINE, 3277 FT MSL. TREE, VEGETATION BEGINNING 60 FT FROM DER, 191 FT RIGHT OF CENTERLINE, UP TO 3267 FT MSL. TREES, VEGETATION, TERRAIN BEGINNING 70 FT FROM DER, 190 FT LEFT OF CENTERLINE, UP TO 28 FT AGL/3283 FT MSL. TREE 181 FT FROM DER, 408 FT RIGHT OF CENTERLINE, 3272 FT MSL. TREES, TERRAIN, VEGETATION BEGINNING 305 FT FROM DER, 52 FT LEFT OF CENTERLINE, UP TO 3290 FT MSL. TREE, VEGETATION BEGINNING 353 FT FROM DER, 77 FT RIGHT OF CENTERLINE, UP TO 3277 FT MSL. TREES BEGINNING 725 FT FROM DER, 14 FT RIGHT OF CENTERLINE, UP TO 3278 FT MSL. TREES BEGINNING 826 FT FROM DER, 3 FT LEFT OF CENTERLINE, UP TO 3291 FT MSL. TREES BEGINNING 908 FT FROM DER, 23 FT RIGHT OF CENTERLINE, UP TO 3280 FT MSL. TREE 1237 FT FROM DER, 178 FT RIGHT OF CENTERLINE, 3284 FT MSL. TREE 5300 FT FROM DER, 1873 FT RIGHT OF CENTERLINE, 3400 FT MSL. TREE 5469 FT FROM DER, 1782 FT RIGHT OF CENTERLINE, 3419 FT MSL. TREE 5617 FT FROM DER, 1758 FT RIGHT OF CENTERLINE, 3449 FT MSL. TREES BEGINNING 5685 FT FROM DER, 1612 FT RIGHT OF CENTERLINE, UP TO 3515 FT MSL. TREES BEGINNING 5851 FT FROM DER, 1463 FT RIGHT OF CENTERLINE, UP TO 3539 FT MSL. TREES BEGINNING 6014 FT FROM DER, 1282 FT RIGHT OF CENTERLINE, UP TO 3553 FT MSL. TREES BEGINNING 1 NM FROM DER, 1150 FT RIGHT OF CENTERLINE, UP TO 3568 FT MSL. TREES BEGINNING 1 NM FROM DER, 1051 FT RIGHT OF CENTERLINE, UP TO 3575 FT MSL. TREES, CATENARY BEGINNING 1.1 NM FROM DER, 956 FT RIGHT OF CENTERLINE, UP TO 3602 FT MSL.

NOTE: RWY 33: TREES, TERRAIN, VEGETATION BEGINNING 8 FT FROM DER, 72 FT RIGHT OF CENTERLINE, UP TO 3261 FT MSL. TERRAIN 62 FT FROM DER, 152 FT LEFT OF CENTERLINE, 3241 FT MSL. VEGETATION, TERRAIN BEGINNING 121 FT FROM DER, 80 FT LEFT OF CENTERLINE, UP TO 3246 FT MSL. TREES BEGINNING 246 FT FROM DER, 325 FT RIGHT OF CENTERLINE, UP TO 3278 FT MSL. VEGETATION 268 FT FROM DER, 78 FT LEFT OF CENTERLINE, 3247 FT MSL. VEGETATION 309 FT FROM DER, 284 FT LEFT OF CENTERLINE, 3248 FT MSL. TREES BEGINNING 365 FT FROM DER, 49 FT RIGHT OF CENTERLINE, UP TO 3290 FT MSL. VEGETATION 400 FT FROM DER, 495 FT LEFT OF CENTERLINE, 3254 FT MSL. TREE 486 FT FROM DER, 139 FT LEFT OF CENTERLINE, 3258 FT MSL. TERRAIN BEGINNING 569 FT FROM DER, 363 FT LEFT OF CENTERLINE, UP TO 23 FT AGL/3265 FT MSL. TREES BEGINNING 704 FT FROM DER, 293 FT RIGHT OF CENTERLINE, UP TO 3293 FT MSL. TERRAIN 860 FT FROM DER, 394 FT LEFT OF CENTERLINE, 23 FT AGL/3266 FT MSL. TERRAIN BEGINNING 938 FT FROM DER, 512 FT LEFT OF CENTERLINE, UP TO 27 FT AGL/3272 FT MSL. TREE 1020 FT FROM DER, 649 FT LEFT OF CENTERLINE, 3278 FT MSL.

**CONTROLLING OBSTACLES:**

RWY 11: 4519 MSL AAO 441433.27N/1204616.42W (CLIMB GRADIENT), 6039 MSL AAO 441257.03N/1203422.92W (CLIMB GRADIENT TERMINATION ALTITUDE)  
RWY 15: 4145 MSL AAO 441301.40N/1205448.74W  
RWY 29: 3568 MSL TREE 441824.27N/1205553.59W (CLIMB GRADIENT), 10558 MSL AAO 440612.57N/1214608.98W (CLIMB GRADIENT TERMINATION ALTITUDE)  
RWY 33: 5835 FT MSL AAO 442615.28N/1205716.73W.

**OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:**

RWY 11: 7160 FT MSL AAO 441937.00N/1202220.00W  
RWY 15: 10558 FT MSL AAO 440612.57N/1214608.98W  
RWY 29: 10558 FT MSL AAO 440612.57N/1214608.98W  
RWY 33: 10558 FT MSL AAO 440612.57N/1214608.98W

**VISUAL CLIMB AREA OBSTACLE:**



| AIRPORT    | AIRPORT ID | CITY       | STATE | AMDT NO | EFFECTIVE DATE |
|------------|------------|------------|-------|---------|----------------|
| PRINEVILLE | S39        | PRINEVILLE | OR    | 2B      | 06/17/2021     |

4364 MSL TREE 441314.01N/1205714.74W

OBSTACLE OUTSIDE VISUAL CLIMB AREA MANDATING VCOA CLIMB ALTITUDE:  
10558 FT MSL AAO 440612.57N/1214608.98W

**REMARKS:**

**FLIGHT INSPECTED BY**

PENDING

*Digitally signed by*

**ALLAN WILL**

May 10, 2021

**OFFICE**

**DATE**

**DEVELOPED BY**

DEAN GRACEY

*Digitally signed by*

**ALLAN WILL**

May 10, 2021

**OFFICE**

AJV-A423

**DATE**

01/20/2021

**APPROVED BY**

MARLON ROBINSON

*Digitally signed by*

**ALLAN WILL**

May 10, 2021

**OFFICE**

AJV-A420

**DATE**

**TITLE**

MANAGER

**REQUIRED EFFECTIVE DATE:**

HARD

**COORDINATED WITH:**

**A4A** ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZSE, AMGR, OR AERO.

**CHANGES - REASONS:**

1. TAKEOFF MINIMUMS: CHANGED ALL REFERENCES OF RWY 10 TO RWY 11 AND RWY 28 TO RWY 29 - MAGVAR CHANGED FROM 15E TO 14E FPT REQUESTED.
2. TAKEOFF MINIMUMS: CHANGED RWY 11 FROM "CLIMB TO 5500" TO "CLIMB TO 6000", CHANGED RWY 15 MINIMUM CLIMB GRADIENT FROM 320 TO 325 - TARGETS CALCULATION.
3. TEXTUAL DEPARTURE PROCEDURES: CHANGED RWY 11 HEADING FROM 104.28 TO 105.28 AND CHANGED RWY 29 HEADING FROM 284.29 TO 285.29 AND CHANGED RWY 15 HEADING FROM 156.45 TO 157.45 AND RWY 33 HEADING FROM 336.45 TO 337.45 - MAGVAR CHANGED FROM 15E TO 14E FPT REQUESTED AND TARGETS CALCULATION.
4. TEXTUAL DEPARTURE: RWY 11, 15, 29, 33, CHANGED "CLIMB HEADING" TO "CLIMB ON HEADING" AND REMOVED "OR FOR CLIMB IN VISUAL CONDITIONS CROSS PRINEVILLE AIRPORT AT OR ABOVE 5700 BEFORE PROCEEDING ON COURSE. WHEN EXECUTING VCOA, NOTIFY ATC PRIOR TO DEPARTURE" - IAW 8260.3D 14-4-5 AND 8260.46G APPENDIX D SECTION 1. 8.
5. VISUAL CLIMB OVER AIRPORT: ADDED: RWY 11, 15, 29, 33: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS PRINEVILLE AIRPORT AT OR ABOVE 5700 BEFORE PROCEEDING ON COURSE - IAW 8260.3D 14-4-5 AND 8260.46G APPENDIX D. SECTION 1. 9.
6. UPDATED TAKEOFF OBSTACLE NOTES - CURRENT TARGETS CALCULATION.
7. CONTROLLING OBSTACLES: REMOVED "VCOA: 4305 MSL TREE 441240.00N/1205519.00W" AND CHANGED CONTROLLING OBSTACLE AND OBSTACLES MANDATING ODP ROUTE DEVELOPMENT FROM "RWY 33: 5835 FT MSL AAO 442614.00N/1205719.00W" TO "RWY 33: 5835 FT MSL AAO 442615.28N/1205716.73W" AND ADDED RWY 11 ADDITIONAL CONTROLLING OBSTACLE "4519 MSL AAO 441433.27N/1204616.42W (CLIMB GRADIENT), 6039 MSL AAO 441257.03N/1203422.92W (CLIMB GRADIENT TERMINATION ALTITUDE)" - UPDATED CONTROLLING OBSTACLE PER TARGETS CALCULATION. TAKEOFF MINIMUMS REMAIN THE SAME FOR RWY 33, AND IAW 8260.46G APPENDIX D. SECTION 1. 11.
8. CONTROLLING OBSTACLES: ADDED, "VISUAL CLIMB AREA OBSTACLE: 4364 MSL TREE 441314.01N/1205714.74W" AND UPDATED COORDINATES FOR "OBSTACLE OUTSIDE VISUAL CLIMB AREA MANDATING VCOA CLIMB ALTITUDE: 10558 FT MSL AAO 440612.57N/1214608.98W" - IAW 8260.46G APPENDIX D. SECTION 1. 10. D.
9. CONTROLLING OBSTACLE: UPDATED RWY 29 CONTROLLING OBSTACLE FROM "RWY 29: 3569 MSL TREE 441823.34N/1205519.00W" TO "3568 MSL TREE 441824.27N/1205553.59W (CLIMB GRADIENT), 10558 FT MSL AAO 440612.57N/1214608.98W (CLIMB GRADIENT TERMINATION ALTITUDE)" - CURRENT SURVEY, TARGETS CALCULATION, AND NO CHANGE TO MINIMUMS.
10. TEXTUAL DEPARTURE: CHANGED RWY 11 ALTITUDE FROM 5500 TO 5700 - TARGETS CALCULATION.

05/10/2021: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 01/20/2021.

1. UPDATED ACTUAL EFFECTIVE DATE TO 06/17/2021.
2. UPDATED REQUIRED EFFECTIVE DATE FROM ROUTINE TO HARD.

QUALITY  
47  
CHECKED