

**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.

CITY, STATE	AIRPORT	EFFECTIVE DATE	AMDT NO
BERKELEY SPRINGS, WV	POTOMAC AIRPARK	20 JUNE 2019	2

TAKEOFF MINIMUMS:

RWY 11: 400-1 3/8 WITH MINIMUM CLIMB OF 370 FT PER NM TO 2800, OR 1700-3 FOR VCOA.

RWY 29: 500-1 5/8 WITH MINIMUM CLIMB OF 400 FT PER NM TO 2600, OR 1700-3 FOR VCOA.

TEXTUAL DEPARTURE PROCEDURES:

RWY 11: CLIMB HEADING 109.68 TO 1100 BEFORE PROCEEDING ON COURSE.

RWY 29: CLIMB HEADING 289.69 TO 1700 THEN CLIMBING LEFT TURN TO 5000 AND ON THE HGR VOR R-270 TO HGR VOR BEFORE PROCEEDING ON COURSE.

VISUAL CLIMB OVER AIRPORT:

ALL RUNWAYS: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS POTOMAC AIRPARK AIRPORT AT OR ABOVE 2200 BEFORE PROCEEDING ON COURSE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 11, VEGETATION 17 FT FROM DER, 203 FT RIGHT OF CENTERLINE, 416 FT MSL.

TREE 30 FT FROM DER, 331 FT RIGHT OF CENTERLINE, 483 FT MSL.

VEGETATION 30 FT FROM DER, 21 FT LEFT OF CENTERLINE, 416 FT MSL.

TREES BEGINNING 43 FT FROM DER, 44 FT RIGHT OF CENTERLINE, UP TO 94 FT AGL/502 FT MSL.

TREE 95 FT FROM DER, 115 FT LEFT OF CENTERLINE, 432 FT MSL.

TREE 102 FT FROM DER, 223 FT LEFT OF CENTERLINE, 467 FT MSL.

TREES BEGINNING 193 FT FROM DER, 16 FT LEFT OF CENTERLINE, UP TO 470 FT MSL.

TREE 417 FT FROM DER, 443 FT RIGHT OF CENTERLINE, 520 FT MSL.

TREES BEGINNING 435 FT FROM DER, 150 FT RIGHT OF CENTERLINE, UP TO 544 FT MSL.

TREE 543 FT FROM DER, 251 FT LEFT OF CENTERLINE, 480 FT MSL.

TREES BEGINNING 604 FT FROM DER, 4 FT LEFT OF CENTERLINE, UP TO 500 FT MSL.

TREES BEGINNING 617 FT FROM DER, 22 FT RIGHT OF CENTERLINE, UP TO 572 FT MSL.

TREES BEGINNING 789 FT FROM DER, 24 FT LEFT OF CENTERLINE, UP TO 518 FT MSL.

TREES BEGINNING 960 FT FROM DER, 27 FT RIGHT OF CENTERLINE, UP TO 614 FT MSL.

TREES BEGINNING 1334 FT FROM DER, 13 FT RIGHT OF CENTERLINE, UP TO 631 FT MSL.

TREES BEGINNING 1358 FT FROM DER, 18 FT LEFT OF CENTERLINE, UP TO 521 FT MSL.

TREES BEGINNING 1472 FT FROM DER, 423 FT RIGHT OF CENTERLINE, UP TO 646 FT MSL.

TREE, POLE BEGINNING 1544 FT FROM DER, 208 FT RIGHT OF CENTERLINE, UP TO 650 FT MSL.

TREE, POLE, VEGETATION BEGINNING 1775 FT FROM DER, 105 FT RIGHT OF CENTERLINE, UP TO 658 FT MSL.

TREE, VEGETATION BEGINNING 1981 FT FROM DER, 34 FT RIGHT OF CENTERLINE, UP TO 664 FT MSL.

TREES BEGINNING 2031 FT FROM DER, 7 FT LEFT OF CENTERLINE, UP TO 530 FT MSL.

TREE, VEGETATION, BUILDING BEGINNING 2151 FT FROM DER, 1 FT RIGHT OF CENTERLINE, UP TO 668 FT MSL.

TREES BEGINNING 3321 FT FROM DER, 4 FT RIGHT OF CENTERLINE, UP TO 669 FT MSL.

TREES BEGINNING 3368 FT FROM DER, 403 FT RIGHT OF CENTERLINE, UP TO 673 FT MSL.

TREES BEGINNING 3418 FT FROM DER, 928 FT RIGHT OF CENTERLINE, UP TO 692 FT MSL.

TREES BEGINNING 3472 FT FROM DER, 254 FT RIGHT OF CENTERLINE, UP TO 698 FT MSL.

TREES BEGINNING 3564 FT FROM DER, 70 FT RIGHT OF CENTERLINE, UP TO 702 FT MSL.

TREES BEGINNING 3610 FT FROM DER, 348 FT RIGHT OF CENTERLINE, UP TO 712 FT MSL.

TREE 3736 FT FROM DER, 1450 FT RIGHT OF CENTERLINE, 713 FT MSL.

TREES BEGINNING 3738 FT FROM DER, 502 FT RIGHT OF CENTERLINE, UP TO 715 FT MSL.

TREE 3826 FT FROM DER, 1196 FT RIGHT OF CENTERLINE, 724 FT MSL.

TREE, BEGINNING 3833 FT FROM DER, 393 FT RIGHT OF CENTERLINE, UP TO 729 FT MSL.

TREES BEGINNING 4064 FT FROM DER, 1126 FT LEFT OF CENTERLINE, UP TO 571 FT MSL.

TREES BEGINNING 4135 FT FROM DER, 684 FT RIGHT OF CENTERLINE, UP TO 732 FT MSL.

TREES BEGINNING 4157 FT FROM DER, 119 FT LEFT OF CENTERLINE, UP TO 581 FT MSL.

TREES BEGINNING 4188 FT FROM DER, 431 FT RIGHT OF CENTERLINE, UP TO 734 FT MSL.

TREES BEGINNING 4250 FT FROM DER, 653 FT RIGHT OF CENTERLINE, UP TO 736 FT MSL.

TREES BEGINNING 4331 FT FROM DER, 477 FT RIGHT OF CENTERLINE, UP TO 738 FT MSL.

TREES BEGINNING 4377 FT FROM DER, 865 FT RIGHT OF CENTERLINE, UP TO 744 FT MSL.

TREES BEGINNING 4377 FT FROM DER, 1457 FT LEFT OF CENTERLINE, UP TO 582 FT MSL.

TREES BEGINNING 4439 FT FROM DER, 540 FT RIGHT OF CENTERLINE, UP TO 748 FT MSL.

TREES BEGINNING 4463 FT FROM DER, 1396 FT LEFT OF CENTERLINE, UP TO 603 FT MSL.

TREE, VEHICLE ON TRAVERSE WAY BEGINNING 4487 FT FROM DER, 535 FT RIGHT OF CENTERLINE, UP TO 766 FT MSL.

TREES BEGINNING 4579 FT FROM DER, 1471 FT LEFT OF CENTERLINE, UP TO 608 FT MSL.

TREES BEGINNING 4673 FT FROM DER, 1453 FT LEFT OF CENTERLINE, UP TO 633 FT MSL.

TREES BEGINNING 4769 FT FROM DER, 1379 FT LEFT OF CENTERLINE, UP TO 649 FT MSL.

TREE, VEHICLE ON TRAVERSE WAY BEGINNING 4811 FT FROM DER, 678 FT RIGHT OF CENTERLINE, UP TO 773 FT MSL.

TREE, TERRAIN, VEHICLE ON TRAVERSE WAY, POLE, BUILDING BEGINNING 4917 FT FROM DER, 731 FT RIGHT OF CENTERLINE, UP TO 778 FT

MSL.

TREE, TOWER BEGINNING 1.3 NM FROM DER, 1405 FT RIGHT OF CENTERLINE, UP TO 106 FT AGL/785 FT MSL.

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TREES BEGINNING 1.5 NM FROM DER, 2402 FT LEFT OF CENTERLINE, UP TO 658 FT MSL.
TREE 1.5 NM FROM DER, 2630 FT LEFT OF CENTERLINE, 684 FT MSL.
TREES BEGINNING 1.5 NM FROM DER, 2046 FT LEFT OF CENTERLINE, UP TO 695 FT MSL.
TREES BEGINNING 1.5 NM FROM DER, 2392 FT LEFT OF CENTERLINE, UP TO 705 FT MSL.
TREES BEGINNING 1.5 NM FROM DER, 1944 FT LEFT OF CENTERLINE, UP TO 708 FT MSL.
TREES BEGINNING 1.5 NM FROM DER, 1979 FT LEFT OF CENTERLINE, UP TO 728 FT MSL.
TREE, POLE BEGINNING 1.6 NM FROM DER, 2181 FT LEFT OF CENTERLINE, UP TO 738 FT MSL.
TREES BEGINNING 1.6 NM FROM DER, 2106 FT LEFT OF CENTERLINE, UP TO 68 FT AGL/758 FT MSL.
TREE 2.2 NM FROM DER, 3177 FT LEFT OF CENTERLINE, 776 FT MSL.
TREE 2.3 NM FROM DER, 3840 FT LEFT OF CENTERLINE, 84 FT AGL/803 FT MSL.

NOTE: RWY 29, TREE 16 FT FROM DER, 357 FT RIGHT OF CENTERLINE, 475 FT MSL.
TREE, VEHICLE ON TRAVERSE WAY, VEGETATION BEGINNING 33 FT FROM DER, 22 FT RIGHT OF CENTERLINE, UP TO 488 FT MSL.
TREE, VEHICLE ON TRAVERSE WAY BEGINNING 62 FT FROM DER, 56 FT LEFT OF CENTERLINE, UP TO 500 FT MSL.
TREES BEGINNING 186 FT FROM DER, 269 FT LEFT OF CENTERLINE, UP TO 94 FT AGL/512 FT MSL.
TREE, VEHICLE ON TRAVERSE WAY BEGINNING 201 FT FROM DER, 242 FT LEFT OF CENTERLINE, UP TO 517 FT MSL.
TREES BEGINNING 356 FT FROM DER, 534 FT RIGHT OF CENTERLINE, UP TO 493 FT MSL.
TREES BEGINNING 530 FT FROM DER, 521 FT RIGHT OF CENTERLINE, UP TO 496 FT MSL.
TREE, VEHICLE ON TRAVERSE WAY, POLE BEGINNING 576 FT FROM DER, 9 FT LEFT OF CENTERLINE, UP TO 528 FT MSL.
TREES BEGINNING 719 FT FROM DER, 120 FT RIGHT OF CENTERLINE, UP TO 501 FT MSL.
TREES BEGINNING 864 FT FROM DER, 31 FT RIGHT OF CENTERLINE, UP TO 512 FT MSL.
TREES BEGINNING 2033 FT FROM DER, 78 FT RIGHT OF CENTERLINE, UP TO 521 FT MSL.
TREE, POLE BEGINNING 2357 FT FROM DER, 76 FT RIGHT OF CENTERLINE, UP TO 533 FT MSL.
TREES BEGINNING 3728 FT FROM DER, 259 FT RIGHT OF CENTERLINE, UP TO 540 FT MSL.
TREE 3747 FT FROM DER, 862 FT RIGHT OF CENTERLINE, 541 FT MSL.
TREES BEGINNING 3766 FT FROM DER, 213 FT RIGHT OF CENTERLINE, UP TO 558 FT MSL.
TREES BEGINNING 3859 FT FROM DER, 435 FT LEFT OF CENTERLINE, UP TO 532 FT MSL.
TREES BEGINNING 4009 FT FROM DER, 525 FT RIGHT OF CENTERLINE, UP TO 561 FT MSL.
TERRAIN+VEG, TREE BEGINNING 4136 FT FROM DER, 386 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/570 FT MSL.
TREES BEGINNING 4319 FT FROM DER, 21 FT RIGHT OF CENTERLINE, UP TO 573 FT MSL.
TERRAIN+VEG, TREE BEGINNING 4880 FT FROM DER, 709 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/589 FT MSL.
TREES BEGINNING 5017 FT FROM DER, 324 FT RIGHT OF CENTERLINE, UP TO 593 FT MSL.
TREES BEGINNING 5081 FT FROM DER, 746 FT RIGHT OF CENTERLINE, UP TO 601 FT MSL.
TREES BEGINNING 5090 FT FROM DER, 41 FT RIGHT OF CENTERLINE, UP TO 612 FT MSL.
TREE, POLE BEGINNING 5172 FT FROM DER, 135 FT RIGHT OF CENTERLINE, UP TO 614 FT MSL.
TREES BEGINNING 5176 FT FROM DER, 59 FT LEFT OF CENTERLINE, UP TO 555 FT MSL.
TREE, BUILDING, POLE, TERRAIN BEGINNING 5253 FT FROM DER, 40 FT RIGHT OF CENTERLINE, UP TO 625 FT MSL.
TREES BEGINNING 5267 FT FROM DER, 13 FT LEFT OF CENTERLINE, UP TO 568 FT MSL.
TREES BEGINNING 5338 FT FROM DER, 119 FT LEFT OF CENTERLINE, UP TO 583 FT MSL.
TREE, POLE BEGINNING 5501 FT FROM DER, 1049 FT RIGHT OF CENTERLINE, UP TO 636 FT MSL.
POLE, TREE BEGINNING 5532 FT FROM DER, 184 FT LEFT OF CENTERLINE, UP TO 600 FT MSL.
TREE, VEHICLE ON TRAVERSE WAY BEGINNING 5559 FT FROM DER, 176 FT RIGHT OF CENTERLINE, UP TO 651 FT MSL.
POLE, TREE BEGINNING 5622 FT FROM DER, 340 FT LEFT OF CENTERLINE, UP TO 602 FT MSL.
TREE, VEHICLE ON TRAVERSE WAY BEGINNING 5647 FT FROM DER, 127 FT RIGHT OF CENTERLINE, UP TO 683 FT MSL.
TREE, POLE BEGINNING 5699 FT FROM DER, 39 FT LEFT OF CENTERLINE, UP TO 616 FT MSL.
TANK, POLE, TREE, VEHICLE ON TRAVERSE WAY BEGINNING 5742 FT FROM DER, 440 FT RIGHT OF CENTERLINE, UP TO 80 FT AGL/689 FT MSL.
TREE 5799 FT FROM DER, 1453 FT RIGHT OF CENTERLINE, 693 FT MSL.
TREE, VEHICLE ON TRAVERSE WAY BUILDING, POLE, STACK BEGINNING 5811 FT FROM DER, ON CENTERLINE, UP TO 712 FT MSL.
TREE, BUILDING BEGINNING 5998 FT FROM DER, 9 FT LEFT OF CENTERLINE, UP TO 621 FT MSL.
TREES BEGINNING 1 NM FROM DER, 446 FT LEFT OF CENTERLINE, UP TO 632 FT MSL.
TREES BEGINNING 1 NM FROM DER, 139 FT LEFT OF CENTERLINE, UP TO 645 FT MSL.
TREES BEGINNING 1 NM FROM DER, 337 FT LEFT OF CENTERLINE, UP TO 647 FT MSL.
TREE BEGINNING 1 NM FROM DER, 46 FT LEFT OF CENTERLINE, UP TO 650 FT MSL.
TREE BEGINNING 1 NM FROM DER, 5 FT LEFT OF CENTERLINE, UP TO 675 FT MSL.
TREE 1.1 NM FROM DER, 1033 FT LEFT OF CENTERLINE, 684 FT MSL.
TREES BEGINNING 1.1 NM FROM DER, 234 FT LEFT OF CENTERLINE, UP TO 692 FT MSL.
TREES BEGINNING 1.1 NM FROM DER, 718 FT LEFT OF CENTERLINE, UP TO 697 FT MSL.
TREE BEGINNING 1.1 NM FROM DER, 120 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/701 FT MSL.
TREE, POLE BEGINNING 1.1 NM FROM DER, 76 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/753 FT MSL.
TREE BEGINNING 1.1 NM FROM DER, 1 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/737 FT MSL.
TREE BEGINNING 1.2 NM FROM DER, 357 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/770 FT MSL.
TREES BEGINNING 1.2 NM FROM DER, 423 FT RIGHT OF CENTERLINE, UP TO 772 FT MSL.
TREE BEGINNING 1.2 NM FROM DER, 23 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/747 FT MSL.
TREES BEGINNING 1.2 NM FROM DER, 81 FT RIGHT OF CENTERLINE, UP TO 786 FT MSL.
TREE BEGINNING 1.2 NM FROM DER, 81 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/796 FT MSL.



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TREE BEGINNING 1.2 NM FROM DER, 1 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/763 FT MSL.
TREE BEGINNING 1.2 NM FROM DER, 1256 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/809 FT MSL.
TREE, TERRAIN+VEG BEGINNING 1.2 NM FROM DER, 173 FT RIGHT OF CENTERLINE, UP TO 809 FT MSL.
TREES BEGINNING 1.3 NM FROM DER, 302 FT RIGHT OF CENTERLINE, UP TO 811 FT MSL.
TREE, BUILDING, POLE BEGINNING 1.3 NM FROM DER, 10 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/776 FT MSL.
TREE, TERRAIN+VEG BEGINNING 1.3 NM FROM DER, 1 FT RIGHT OF CENTERLINE, UP TO 817 FT MSL.
TREE, VEHICLE ON TRAVERSE WAY BEGINNING 1.3 NM FROM DER, 252 FT RIGHT OF CENTERLINE, UP TO 823 FT MSL.
TREE, VEHICLE ON TRAVERSE WAY, BUILDING, POLE, FENCE, VEGETATION BEGINNING 1.4 NM FROM DER, 1 FT RIGHT OF CENTERLINE, UP TO 101 FT AGL/825 FT MSL.
TREE BEGINNING 1.8 NM FROM DER, 2543 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/793 FT MSL.
TREE BEGINNING 1.8 NM FROM DER, 1674 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/812 FT MSL.
POLE, TREE BEGINNING 1.9 NM FROM DER, 1390 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/852 FT MSL.
TREE BEGINNING 2 NM FROM DER, 2848 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/875 FT MSL.
VEHICLE ON TRAVERSE WAY, TREE BEGINNING 2 NM FROM DER, 388 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/881 FT MSL.

CONTROLLING OBSTACLES:

RWY 11: 778 FT MSL TREE (54-041693), 394111.18N / 0780829.68W (1A) (CEILING), 738 FT MSL TREE (54-040140) 394103.48N / 0780808.53W (VISIBILITY), 2200 FT MSL AAO 394544.96N / 0780336.56W (2C) (CG/CGTA).
RWY 29: 1903 FT MSL AAO 394248.00N / 0781712.00W (2C) (CG/CGTA) AND 817 FT MSL TREE (54-040247) 394208.10N / 0781206.59W (1A) (CEILING/VISIBILITY).
(VCOA DIVERSE AREA) 2200 FT MSL AAO 394544.96N / 0780336.56W (2C).
(VCOA VISUAL CLIMB AREA) 1344 FT MSL TREE 394045.00N / 0781357.00W (4E).

REMARKS:

FLIGHT INSPECTED BY:

BOBS PRESSLER

Digitally signed by

WARDELL HENNING

Mar 05, 2019

OFFICE SYMBOL:

FICO

DATE:

2/26/19

DEVELOPED BY:

HOWARD L. HAWKINS

Digitally signed by

DAVID TEFFETELLER

Feb 07, 2019

OFFICE SYMBOL:

AJV-A433

DATE:

APPROVED BY:

PATRICK MULQUEEN

Digitally signed by

DAVID TEFFETELLER

Feb 07, 2019

OFFICE SYMBOL:

AJV-A430

DATE:

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA**



OTHER:

CHANGES - REASONS:

TAKEOFF MINIMUMS CHANGED FROM: RWY 11, 29 1900-2 OR STANDARD WITH MINIMUM CLIMB OF 400 FT PER NM TO 2600 TO "RWY 11: 400-1 3/8, WITH MINIMUM CLIMB OF 370 FT PER NM TO 2800, OR 1700-3 FOR VCOA. RWY 29: 500- 1 5/8 WITH MINIMUM CLIMB OF 370 FT PER NM TO 2600, OR 1700-3 FOR VCOA."

TEXTUAL DP CHANGED FROM: RWY 11: CLIMB TO 4000 VIA HEADING 095 AND HGR R-275 TO HGR VOR BEFORE PROCEEDING ON COURSE. TO "RWY 11: CLIMB HEADING 109.68 TO 1100 BEFORE PROCEEDING ON COURSE.

TEXTUAL DP CHANGED FROM: RWY 29: CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 5000 VIA HEADING 267 AND GRV R-092 BEFORE PROCEEDING ON COURSE. TO "RWY 29: CLIMB HEADING 269.89 TO 1700 THEN CLIMBING LEFT TURN TO 5000 AND ON THE HGR VOR R-270 TO HGR VOR BEFORE PROCEEDING ON COURSE.

ADDED VCOA - 8260.46.

TAKEOFF OBSTACLES UPATED - NEW SURVEY

QUALITY
3
CHECKED