

**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>
HARTNESS STATE (SPRINGFIELD)	KVSF	SPRINGFIELD	VT	3A	10 SEPTEMBER 2020

**TAKEOFF MINIMUMS:**

RWY 05: 3000-3 FOR VCOA  
RWY 11: 3000-3 FOR VCOA  
RWY 29: 3000-3 FOR VCOA  
RWY 23: 3000-3 FOR VCOA

**TEXTUAL DEPARTURE PROCEDURES:**

**VISUAL CLIMB OVER AIRPORT:**

ALL RUNWAYS: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS HARTNESS STATE (SPRINGFIELD) AIRPORT AT OR ABOVE 3400 BEFORE PROCEEDING ON COURSE.

**TAKEOFF OBSTACLE NOTES:**

**NOTE: RWY 05:** TREE, TRANSMISSION LINE, POLE BEGINNING 3 FT FROM DER, 295 FT LEFT OF CENTERLINE, UP TO 688 FT MSL.  
TREE 47 FT FROM DER, 218 FT RIGHT OF CENTERLINE, 571 FT MSL.  
TREES BEGINNING 95 FT FROM DER, 178 FT RIGHT OF CENTERLINE, UP TO 598 FT MSL.  
TREES, TRANSMISSION LINE, POLE BEGINNING 189 FT FROM DER, 2 FT LEFT OF CENTERLINE, UP TO 704 FT MSL.  
TREES, POLES, TRANSMISSION LINE BEGINNING 558 FT FROM DER, 94 FT LEFT OF CENTERLINE, UP TO 713 FT MSL.  
TREES BEGINNING 1013 FT FROM DER, 25 FT LEFT OF CENTERLINE, UP TO 721 FT MSL.  
TREE 1294 FT FROM DER, 112 FT RIGHT OF CENTERLINE, 616 FT MSL.  
TREES BEGINNING 1297 FT FROM DER, 24 FT RIGHT OF CENTERLINE, UP TO 633 FT MSL.  
TREE 3402 FT FROM DER, 22 FT RIGHT OF CENTERLINE, 650 FT MSL.  
TREE 3699 FT FROM DER, 77 FT RIGHT OF CENTERLINE, 660 FT MSL.  
TREE 5131 FT FROM DER, 1824 FT RIGHT OF CENTERLINE, 773 FT MSL.  
TREES BEGINNING 5509 FT FROM DER, 1579 FT RIGHT OF CENTERLINE, UP TO 799 FT MSL.  
TREES BEGINNING 5989 FT FROM DER, 1426 FT RIGHT OF CENTERLINE, UP TO 829 FT MSL.  
TREE 1 NM FROM DER, 1709 FT RIGHT OF CENTERLINE, 945 FT MSL.  
TREES BEGINNING 1 NM FROM DER, 1346 FT RIGHT OF CENTERLINE, UP TO 1054 FT MSL.  
TOWER, ANTENNA, TREES BEGINNING 1.1 NM FROM DER, 302 FT RIGHT OF CENTERLINE, UP TO 76 FT AGL/1161 FT MSL.  
TREES BEGINNING 1.6 NM FROM DER, 685 FT RIGHT OF CENTERLINE, UP TO 1166 FT MSL.  
TREES BEGINNING 1.6 NM FROM DER, 279 FT RIGHT OF CENTERLINE, UP TO 1233 FT MSL.  
TREES, BUILDINGS, POLE BEGINNING 1.7 NM FROM DER, 103 FT RIGHT OF CENTERLINE, UP TO 1237 FT MSL.  
TREE 2 NM FROM DER, 390 FT LEFT OF CENTERLINE, 881 FT MSL.  
TREE 2.1 NM FROM DER, 809 FT LEFT OF CENTERLINE, 887 FT MSL.  
TREE 2.1 NM FROM DER, 304 FT LEFT OF CENTERLINE, 899 FT MSL.  
TREES BEGINNING 2.1 NM FROM DER, 478 FT LEFT OF CENTERLINE, UP TO 953 FT MSL.  
TREES BEGINNING 2.2 NM FROM DER, 43 FT LEFT OF CENTERLINE, UP TO 1025 FT MSL.  
TREE 2.2 NM FROM DER, 401 FT LEFT OF CENTERLINE, 1057 FT MSL.  
TREES BEGINNING 2.2 NM FROM DER, 1574 FT RIGHT OF CENTERLINE, UP TO 1271 FT MSL.  
TREES BEGINNING 2.2 NM FROM DER, 37 FT LEFT OF CENTERLINE, UP TO 1093 FT MSL.  
TREES BEGINNING 2.3 NM FROM DER, 307 FT RIGHT OF CENTERLINE, UP TO 1280 FT MSL.  
TREE 2.3 NM FROM DER, 557 FT LEFT OF CENTERLINE, 1122 FT MSL.  
TREES BEGINNING 2.3 NM FROM DER, 841 FT RIGHT OF CENTERLINE, UP TO 1294 FT MSL.  
TREES BEGINNING 2.3 NM FROM DER, 63 FT LEFT OF CENTERLINE, UP TO 1126 FT MSL.  
BUILDING, POLES, TRANSMISSION LINE, TREES BEGINNING 2.3 NM FROM DER, 104 FT RIGHT OF CENTERLINE, UP TO 102 FT AGL/1314 FT MSL.  
TREES BEGINNING 2.3 NM FROM DER, 390 FT LEFT OF CENTERLINE, UP TO 1189 FT MSL.  
TREES BEGINNING 2.4 NM FROM DER, 1091 FT LEFT OF CENTERLINE, UP TO 1208 FT MSL.  
TREES BEGINNING 2.4 NM FROM DER, 647 FT LEFT OF CENTERLINE, UP TO 1217 FT MSL.  
TREES BEGINNING 2.5 NM FROM DER, 29 FT LEFT OF CENTERLINE, UP TO 1266 FT MSL.  
BUILDING, TREES BEGINNING 2.5 NM FROM DER, 589 FT RIGHT OF CENTERLINE, UP TO 26 FT AGL/1173 FT MSL.

**NOTE: RWY 11:** TREES BEGINNING 35 FT FROM DER, 302 FT RIGHT OF CENTERLINE, UP TO 648 FT MSL.  
TREES BEGINNING 56 FT FROM DER, 225 FT LEFT OF CENTERLINE, UP TO 584 FT MSL.  
TREE 2988 FT FROM DER, 831 FT LEFT OF CENTERLINE, 693 FT MSL.  
TREE 3096 FT FROM DER, 386 FT LEFT OF CENTERLINE, 716 FT MSL.  
TREE 3318 FT FROM DER, 953 FT RIGHT OF CENTERLINE, 754 FT MSL.  
TREE 3361 FT FROM DER, 1185 FT LEFT OF CENTERLINE, 721 FT MSL.  
TREE 3419 FT FROM DER, 671 FT LEFT OF CENTERLINE, 792 FT MSL.  
TREE 3495 FT FROM DER, 57 FT RIGHT OF CENTERLINE, 770 FT MSL.  
TREE 3580 FT FROM DER, 511 FT RIGHT OF CENTERLINE, 787 FT MSL.  
TREES BEGINNING 3672 FT FROM DER, 321 FT LEFT OF CENTERLINE, UP TO 845 FT MSL.  
TREE 3698 FT FROM DER, 1067 FT RIGHT OF CENTERLINE, 830 FT MSL.  
TREE 3975 FT FROM DER, 650 FT RIGHT OF CENTERLINE, 846 FT MSL.  
TREE 4022 FT FROM DER, 121 FT RIGHT OF CENTERLINE, 852 FT MSL.



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TREES BEGINNING 4153 FT FROM DER, 331 FT LEFT OF CENTERLINE, UP TO 870 FT MSL.  
TREES, TRANSMISSION LINE, POLE BEGINNING 4154 FT FROM DER, 373 FT RIGHT OF CENTERLINE, UP TO 903 FT MSL.  
TREES, TOWER, POLES, TRANSMISSION LINE BEGINNING 4465 FT FROM DER, 81 FT RIGHT OF CENTERLINE, UP TO 938 FT MSL.  
TREES BEGINNING 4544 FT FROM DER, 149 FT LEFT OF CENTERLINE, UP TO 873 FT MSL.  
TREES BEGINNING 5381 FT FROM DER, 131 FT LEFT OF CENTERLINE, UP TO 901 FT MSL.  
TREES, TRANSMISSION LINE, POLES BEGINNING 5678 FT FROM DER, 198 FT LEFT OF CENTERLINE, UP TO 907 FT MSL.  
TREE 1.1 NM FROM DER, 1851 FT LEFT OF CENTERLINE, 947 FT MSL.  
TREE 1.1 NM FROM DER, 2298 FT LEFT OF CENTERLINE, 955 FT MSL.  
TREE 1.1 NM FROM DER, 1111 FT LEFT OF CENTERLINE, 976 FT MSL.  
TREES BEGINNING 1.2 NM FROM DER, 366 FT LEFT OF CENTERLINE, UP TO 1027 FT MSL.  
TREES BEGINNING 1.2 NM FROM DER, 266 FT RIGHT OF CENTERLINE, UP TO 947 FT MSL.  
TREES BEGINNING 1.2 NM FROM DER, 784 FT LEFT OF CENTERLINE, UP TO 1029 FT MSL.  
TREE 1.2 NM FROM DER, 1813 FT RIGHT OF CENTERLINE, 973 FT MSL.  
TREE 1.2 NM FROM DER, 1378 FT RIGHT OF CENTERLINE, 984 FT MSL.  
TREES BEGINNING 1.2 NM FROM DER, 153 FT LEFT OF CENTERLINE, UP TO 1054 FT MSL.  
TREES BEGINNING 1.2 NM FROM DER, 449 FT RIGHT OF CENTERLINE, UP TO 1120 FT MSL.  
TREES BEGINNING 1.2 NM FROM DER, 571 FT LEFT OF CENTERLINE, UP TO 1075 FT MSL.  
TREES BEGINNING 1.3 NM FROM DER, 101 FT RIGHT OF CENTERLINE, UP TO 1237 FT MSL.  
TREES BEGINNING 1.3 NM FROM DER, 319 FT LEFT OF CENTERLINE, UP TO 1097 FT MSL.  
TREES BEGINNING 1.3 NM FROM DER, 592 FT RIGHT OF CENTERLINE, UP TO 1269 FT MSL.  
TREES BEGINNING 1.4 NM FROM DER, 766 FT LEFT OF CENTERLINE, UP TO 1101 FT MSL.  
TOWER, TREES BEGINNING 1.4 NM FROM DER, 11 FT RIGHT OF CENTERLINE, UP TO 74 FT AGL/1408 FT MSL.  
TREES BEGINNING 1.4 NM FROM DER, 1219 FT LEFT OF CENTERLINE, UP TO 1106 FT MSL.  
TREES BEGINNING 1.4 NM FROM DER, 175 FT LEFT OF CENTERLINE, UP TO 1172 FT MSL.  
TREES BEGINNING 1.5 NM FROM DER, 19 FT LEFT OF CENTERLINE, UP TO 1192 FT MSL.  
TREES BEGINNING 1.8 NM FROM DER, 97 FT LEFT OF CENTERLINE, UP TO 1208 FT MSL.  
TREES BEGINNING 2.2 NM FROM DER, 245 FT LEFT OF CENTERLINE, UP TO 1210 FT MSL.  
TREE 2.2 NM FROM DER, 3069 FT LEFT OF CENTERLINE, 1242 FT MSL.  
TREE 2.2 NM FROM DER, 2553 FT LEFT OF CENTERLINE, 1261 FT MSL.  
TREES BEGINNING 2.2 NM FROM DER, 306 FT LEFT OF CENTERLINE, UP TO 1289 FT MSL.  
TREES BEGINNING 2.3 NM FROM DER, 208 FT LEFT OF CENTERLINE, UP TO 1326 FT MSL.  
TREE 2.4 NM FROM DER, 3985 FT LEFT OF CENTERLINE, 1336 FT MSL.  
TREES BEGINNING 2.4 NM FROM DER, 876 FT LEFT OF CENTERLINE, UP TO 1368 FT MSL.  
TREES BEGINNING 2.4 NM FROM DER, 447 FT LEFT OF CENTERLINE, UP TO 1420 FT MSL.  
TREE 2.4 NM FROM DER, 4186 FT LEFT OF CENTERLINE, 1437 FT MSL.  
TREES BEGINNING 2.5 NM FROM DER, 116 FT LEFT OF CENTERLINE, UP TO 1445 FT MSL.  
TREES BEGINNING 2.5 NM FROM DER, 610 FT LEFT OF CENTERLINE, UP TO 1479 FT MSL.  
TREES BEGINNING 2.5 NM FROM DER, 62 FT RIGHT OF CENTERLINE, UP TO 1123 FT MSL.

**NOTE: RWY 23:** TREES BEGINNING 28 FT FROM DER, 315 FT LEFT OF CENTERLINE, UP TO 591 FT MSL.  
TREE 96 FT FROM DER, 181 FT RIGHT OF CENTERLINE, 596 FT MSL.  
TREE 157 FT FROM DER, 426 FT RIGHT OF CENTERLINE, 619 FT MSL.  
TREE 285 FT FROM DER, 530 FT RIGHT OF CENTERLINE, 631 FT MSL.  
TREES, POLE, TRANSMISSION LINE BEGINNING 492 FT FROM DER, 2 FT RIGHT OF CENTERLINE, UP TO 640 FT MSL.  
TREE 1019 FT FROM DER, 584 FT LEFT OF CENTERLINE, 606 FT MSL.  
TREES BEGINNING 1107 FT FROM DER, 187 FT LEFT OF CENTERLINE, UP TO 613 FT MSL.  
TREE 1.2 NM FROM DER, 1610 FT LEFT OF CENTERLINE, 759 FT MSL.  
TREES BEGINNING 1.2 NM FROM DER, 1702 FT LEFT OF CENTERLINE, UP TO 776 FT MSL.  
TREE 1.3 NM FROM DER, 2175 FT RIGHT OF CENTERLINE, 772 FT MSL.  
TREES BEGINNING 1.3 NM FROM DER, 1810 FT RIGHT OF CENTERLINE, UP TO 816 FT MSL.  
TREES BEGINNING 1.3 NM FROM DER, 1418 FT RIGHT OF CENTERLINE, UP TO 823 FT MSL.  
TREE 1.4 NM FROM DER, 1910 FT RIGHT OF CENTERLINE, 842 FT MSL.  
TRANSMISSION LINE, POLE BEGINNING 1.4 NM FROM DER, 2700 FT RIGHT OF CENTERLINE, UP TO 28 FT AGL/875 FT MSL.  
BUILDING 1.4 NM FROM DER, 2655 FT RIGHT OF CENTERLINE, 35 FT AGL/877 FT MSL.  
TREE 1.4 NM FROM DER, 2301 FT RIGHT OF CENTERLINE, 890 FT MSL.  
TREES, BUILDING, TRANSMISSION LINE, POLES BEGINNING 1.5 NM FROM DER, 1793 FT RIGHT OF CENTERLINE, UP TO 929 FT MSL.  
TREE 1.5 NM FROM DER, 376 FT LEFT OF CENTERLINE, 829 FT MSL.  
TREE 1.6 NM FROM DER, 668 FT LEFT OF CENTERLINE, 845 FT MSL.  
TREE 1.8 NM FROM DER, 2654 FT LEFT OF CENTERLINE, 862 FT MSL.  
TREE 1.8 NM FROM DER, 3071 FT LEFT OF CENTERLINE, 887 FT MSL.  
TREES BEGINNING 1.8 NM FROM DER, 774 FT RIGHT OF CENTERLINE, UP TO 976 FT MSL.  
TREES BEGINNING 1.8 NM FROM DER, 1457 FT LEFT OF CENTERLINE, UP TO 957 FT MSL.  
TREES, BUILDINGS BEGINNING 1.9 NM FROM DER, 381 FT RIGHT OF CENTERLINE, UP TO 996 FT MSL.  
TREES BEGINNING 1.9 NM FROM DER, 2230 FT LEFT OF CENTERLINE, UP TO 972 FT MSL.  
TREES BEGINNING 2 NM FROM DER, 1561 FT LEFT OF CENTERLINE, UP TO 978 FT MSL.  
TREE 2 NM FROM DER, 2823 FT LEFT OF CENTERLINE, 997 FT MSL.  
TREES BEGINNING 2 NM FROM DER, 1976 FT LEFT OF CENTERLINE, UP TO 1011 FT MSL.  
TREES, BUILDING BEGINNING 2.1 NM FROM DER, 95 FT LEFT OF CENTERLINE, UP TO 1012 FT MSL.  
TREES BEGINNING 2.2 NM FROM DER, 224 FT RIGHT OF CENTERLINE, UP TO 1148 FT MSL.  
TREE 2.3 NM FROM DER, 3227 FT RIGHT OF CENTERLINE, 1201 FT MSL.  
TREES BEGINNING 2.3 NM FROM DER, 1895 FT RIGHT OF CENTERLINE, UP TO 1239 FT MSL.  
TREES BEGINNING 2.3 NM FROM DER, 0 FT OF CENTERLINE, UP TO 1273 FT MSL.  
TREES, TOWER BEGINNING 2.3 NM FROM DER, 3304 FT RIGHT OF CENTERLINE, UP TO 1282 FT MSL.



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HARTNESS STATE (SPRINGFIELD)	KVSF	SPRINGFIELD	VT	3A	10 SEPTEMBER 2020

TREES BEGINNING 2.4 NM FROM DER, 33 FT RIGHT OF CENTERLINE, UP TO 1290 FT MSL.  
TREES BEGINNING 2.5 NM FROM DER, 1932 FT LEFT OF CENTERLINE, UP TO 1013 FT MSL.  
TREE 2.5 NM FROM DER, 312 FT LEFT OF CENTERLINE, 1022 FT MSL.  
TREES BEGINNING 2.5 NM FROM DER, 661 FT LEFT OF CENTERLINE, UP TO 1023 FT MSL.

**NOTE: RWY 29:** TREE 48 FT FROM DER, 472 FT LEFT OF CENTERLINE, 623 FT MSL.  
TREES BEGINNING 227 FT FROM DER, 331 FT LEFT OF CENTERLINE, UP TO 625 FT MSL.  
TREES BEGINNING 372 FT FROM DER, 389 FT RIGHT OF CENTERLINE, UP TO 649 FT MSL.  
TREES BEGINNING 428 FT FROM DER, 177 FT LEFT OF CENTERLINE, UP TO 648 FT MSL.  
TREE 1534 FT FROM DER, 833 FT LEFT OF CENTERLINE, 678 FT MSL.  
TREES BEGINNING 1997 FT FROM DER, 315 FT LEFT OF CENTERLINE, UP TO 726 FT MSL.  
TREE 2377 FT FROM DER, 760 FT LEFT OF CENTERLINE, 745 FT MSL.  
TREES BEGINNING 2610 FT FROM DER, 300 FT LEFT OF CENTERLINE, UP TO 758 FT MSL.  
TREE, TRANSMISSION LINE, POLE BEGINNING 2779 FT FROM DER, 662 FT LEFT OF CENTERLINE, UP TO 784 FT MSL.  
TREE 2907 FT FROM DER, 1075 FT RIGHT OF CENTERLINE, 737 FT MSL.  
TREE 3004 FT FROM DER, 39 FT RIGHT OF CENTERLINE, 743 FT MSL.  
TREE 3133 FT FROM DER, 496 FT RIGHT OF CENTERLINE, 746 FT MSL.  
TREE, BUILDING, TRANSMISSION LINE, POLE BEGINNING 3172 FT FROM DER, 387 FT LEFT OF CENTERLINE, UP TO 786 FT MSL.  
TREE 3225 FT FROM DER, 789 FT LEFT OF CENTERLINE, 798 FT MSL.  
TREE 3331 FT FROM DER, 890 FT RIGHT OF CENTERLINE, 757 FT MSL.  
TREES, TRANSMISSION LINE, POLES, BUILDING BEGINNING 3351 FT FROM DER, 148 FT LEFT OF CENTERLINE, UP TO 805 FT MSL.  
TREES BEGINNING 3371 FT FROM DER, 166 FT RIGHT OF CENTERLINE, UP TO 769 FT MSL.  
TREES BEGINNING 3898 FT FROM DER, 148 FT RIGHT OF CENTERLINE, UP TO 797 FT MSL.  
TREES, POLES, TRANSMISSION LINE, BUILDINGS BEGINNING 3941 FT FROM DER, 71 FT LEFT OF CENTERLINE, UP TO 806 FT MSL.  
TRANSMISSION LINE, POLE, TREE BEGINNING 4726 FT FROM DER, 0 FT LEFT OF CENTERLINE, UP TO 72 FT AGL/834 FT MSL.  
TREES, TRANSMISSION LINE, POLE BEGINNING 4728 FT FROM DER, 333 FT RIGHT OF CENTERLINE, UP TO 804 FT MSL.  
TREES BEGINNING 4939 FT FROM DER, 73 FT LEFT OF CENTERLINE, UP TO 837 FT MSL.  
TRANSMISSION LINE, POLE BEGINNING 5000 FT FROM DER, 123 FT RIGHT OF CENTERLINE, UP TO 46 FT AGL/820 FT MSL.  
TRANSMISSION LINE, POLE BEGINNING 5255 FT FROM DER, 270 FT RIGHT OF CENTERLINE, UP TO 39 FT AGL/824 FT MSL.  
TREES, POLE, TRANSMISSION LINE BEGINNING 5271 FT FROM DER, 446 FT RIGHT OF CENTERLINE, UP TO 828 FT MSL.  
TREE 5864 FT FROM DER, 168 FT RIGHT OF CENTERLINE, 830 FT MSL.  
TREES, TRANSMISSION LINE, POLE BEGINNING 5897 FT FROM DER, 55 FT RIGHT OF CENTERLINE, UP TO 836 FT MSL.  
TREE, TRANSMISSION LINE, POLE BEGINNING 1 NM FROM DER, 1125 FT RIGHT OF CENTERLINE, UP TO 880 FT MSL.  
TREES BEGINNING 1 NM FROM DER, 274 FT RIGHT OF CENTERLINE, UP TO 881 FT MSL.  
TREES BEGINNING 1.1 NM FROM DER, 91 FT RIGHT OF CENTERLINE, UP TO 889 FT MSL.  
TREES, BUILDINGS BEGINNING 1.1 NM FROM DER, 43 FT RIGHT OF CENTERLINE, UP TO 919 FT MSL.  
TREES, TRANSMISSION LINE, POLES BEGINNING 1.2 NM FROM DER, 250 FT RIGHT OF CENTERLINE, UP TO 963 FT MSL.  
TREES, POLE, TRANSMISSION LINE BEGINNING 1.3 NM FROM DER, 628 FT RIGHT OF CENTERLINE, UP TO 971 FT MSL.  
TREES BEGINNING 1.3 NM FROM DER, 119 FT LEFT OF CENTERLINE, UP TO 841 FT MSL.  
TREES BEGINNING 1.3 NM FROM DER, 82 FT RIGHT OF CENTERLINE, UP TO 1013 FT MSL.  
TREES BEGINNING 1.4 NM FROM DER, 148 FT LEFT OF CENTERLINE, UP TO 848 FT MSL.  
TREES BEGINNING 1.5 NM FROM DER, 347 FT LEFT OF CENTERLINE, UP TO 860 FT MSL.  
TREES BEGINNING 1.5 NM FROM DER, 1750 FT LEFT OF CENTERLINE, UP TO 863 FT MSL.  
TREES BEGINNING 1.6 NM FROM DER, 184 FT RIGHT OF CENTERLINE, UP TO 1029 FT MSL.  
TREES BEGINNING 1.6 NM FROM DER, 241 FT LEFT OF CENTERLINE, UP TO 875 FT MSL.  
TREE 1.6 NM FROM DER, 1188 FT LEFT OF CENTERLINE, 876 FT MSL.  
TREES BEGINNING 1.6 NM FROM DER, 19 FT LEFT OF CENTERLINE, UP TO 900 FT MSL.  
TREES BEGINNING 1.6 NM FROM DER, 101 FT RIGHT OF CENTERLINE, UP TO 1047 FT MSL.  
TREES BEGINNING 1.7 NM FROM DER, 562 FT LEFT OF CENTERLINE, UP TO 932 FT MSL.  
TREES BEGINNING 1.7 NM FROM DER, 404 FT LEFT OF CENTERLINE, UP TO 991 FT MSL.  
TREES BEGINNING 1.8 NM FROM DER, 171 FT LEFT OF CENTERLINE, UP TO 1022 FT MSL.  
TREES BEGINNING 1.8 NM FROM DER, 525 FT LEFT OF CENTERLINE, UP TO 1069 FT MSL.  
TREES BEGINNING 1.9 NM FROM DER, 30 FT LEFT OF CENTERLINE, UP TO 1122 FT MSL.  
TREE 1.9 NM FROM DER, 2455 FT RIGHT OF CENTERLINE, 1050 FT MSL.  
TREES BEGINNING 1.9 NM FROM DER, 950 FT RIGHT OF CENTERLINE, UP TO 1083 FT MSL.  
TREES BEGINNING 2 NM FROM DER, 486 FT RIGHT OF CENTERLINE, UP TO 1100 FT MSL.  
TOWER 2 NM FROM DER, 1210 FT RIGHT OF CENTERLINE, 64 FT AGL/1103 FT MSL.  
TREES BEGINNING 2 NM FROM DER, 1155 FT RIGHT OF CENTERLINE, UP TO 1130 FT MSL.  
TREES BEGINNING 2 NM FROM DER, 2169 FT RIGHT OF CENTERLINE, UP TO 1155 FT MSL.  
TREES BEGINNING 2 NM FROM DER, 295 FT RIGHT OF CENTERLINE, UP TO 1196 FT MSL.  
TREES BEGINNING 2.1 NM FROM DER, 190 FT RIGHT OF CENTERLINE, UP TO 1251 FT MSL.  
TREES BEGINNING 2.2 NM FROM DER, 681 FT RIGHT OF CENTERLINE, UP TO 1252 FT MSL.  
TREES BEGINNING 2.3 NM FROM DER, 1442 FT LEFT OF CENTERLINE, UP TO 1148 FT MSL.

#### CONTROLLING OBSTACLES:

RWY 05, 11, 29, 23: VISUAL CLIMB AREA OBSTACLE: 2172 MSL AAO 432205.05N/0723448.33W.  
OBSTACLE OUTSIDE VISUAL CLIMB AREA MANDATING VCOA CLIMB TO ALTITUDE: 3284 FT MSL TOWER 432614.90N/0722704.19W

#### REMARKS:



<b>AIRPORT</b>	<b>AIRPORT ID</b>	<b>CITY</b>	<b>STATE</b>	<b>AMDT NO</b>	<b>EFFECTIVE DATE</b>
HARTNESS STATE (SPRINGFIELD)	KVSF	SPRINGFIELD	VT	3A	10 SEPTEMBER 2020

**FLIGHT INSPECTED BY****OFFICE****DATE**

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-10) MEMO, APRIL 29, 2020,  
SUBJECT: FLIGHT INSPECTION REVIEW NOT REQUIRED.

*Digitally signed by***DEVELOPED BY***Digitally signed by***DONALD H LANIER****OFFICE****DATE**

DON LANIER (PETET GETZ)

**DONALD H LANIER**

Jul 21, 2020

AJV-A431

07/14/2020

Jul 21, 2020

**APPROVED BY***Digitally signed by***OFFICE****DATE****TITLE**

LONNIE EVERHART

**DONALD H LANIER**

AJV-A430

MANAGER

Jul 21, 2020

**REQUIRED EFFECTIVE DATE:**

ROUTINE

**COORDINATED WITH:****A4A** ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZBW, AMANGR**CHANGES - REASONS:**

1) COMPLETED NEW 8260-15A VS P-NOTAM TO ELIMINATE T-NOTAM.

2) REMOVED RWY 05 CEILING AND VIS AND CLIMB GRADIENT DUE TO OBSTACLE PENETRATIONS - RESULTING IN HIGHER THAN APPROVED CLIMB GRADIENT.

3) REMOVED RWY 29 CEILING AND VIS ALONG WITH CLIMB GRADIENTS, NEW PENETRATIONS - RESULTING A HIGHER THAN APPROVED CLIMB GRADIENT.

3) RWY 23 REMOVED CEILING / VIS AND CLIMB GRADIENT. NEW CONTROLLING OBSTRUCTIONS - RESULTING IN A GREATER THAN 500' PER NM CLIMB GRADIENT WITHOUT AFS APPROVAL.

