

**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 ID</u> | <u>CITY</u> | <u>STATE</u> | <u>AMDT NO</u> | <u>ACTUAL EFFECTIVE DATE</u> |
|-------------------|-------------|--------------|----------------|------------------------------|
| OVS               | BOSCOBEL    | WI           | 1A             | 12 JUNE 2025                 |

**TAKEOFF MINIMUMS:**

RWY 2: 600-3 OR STANDARD WITH MINIMUM CLIMB OF 461 FT/NM TO 1300.  
RWY 7: STANDARD WITH MINIMUM CLIMB OF 565 FT/NM TO 1500, OR 1200-3 FOR VCOA.  
RWY 20: STANDARD WITH MINIMUM CLIMB OF 672 FT/NM TO 1400, OR 1200-3 FOR VCOA.  
RWY 25: STANDARD WITH MINIMUM CLIMB OF 388 FT/NM TO 1300, OR 1200-3 FOR VCOA.

**TEXTUAL DEPARTURE PROCEDURES:**

RWY 2: CLIMB ON HEADING 016.89 TO 1300 BEFORE TURNING SOUTH.  
RWY 7: CLIMB ON HEADING 067.09 TO 1500 BEFORE TURNING SOUTH.  
RWY 20: CLIMB ON HEADING 196.89 TO 1500 BEFORE TURNING EAST.  
RWY 25: CLIMB ON HEADING 247.10 TO 1500 BEFORE PROCEEDING ON COURSE.

**VISUAL CLIMB OVER AIRPORT:**

RWY 7, 20, 25: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS BOSCOBEL AIRPORT AT OR ABOVE 1700 BEFORE PROCEEDING ON COURSE.

**TAKEOFF OBSTACLE NOTES:**

NOTE: RWY 2: TREES BEGINNING 10 FT FROM DER, 58 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/767 FT MSL.  
TREES BEGINNING 139 FT FROM DER, 6 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/770 FT MSL.  
TREES BEGINNING 171 FT FROM DER, 242 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/763 FT MSL.  
TREES BEGINNING 300 FT FROM DER, 9 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/767 FT MSL.  
TREES BEGINNING 1.1 NM FROM DER, 2147 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/976 FT MSL.  
TREES BEGINNING 1.2 NM FROM DER, 976 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1085 FT MSL.  
TREES BEGINNING 1.5 NM FROM DER, 1064 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1095 FT MSL.  
TREES BEGINNING 1.6 NM FROM DER, 815 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1121 FT MSL.  
TREES BEGINNING 1.7 NM FROM DER, 33 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1127 FT MSL.  
TREES BEGINNING 2 NM FROM DER, 231 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1013 FT MSL.  
TREES BEGINNING 2.1 NM FROM DER, 54 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1078 FT MSL.  
TREES BEGINNING 2.2 NM FROM DER, 2 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1134 FT MSL.  
TREES BEGINNING 2.3 NM FROM DER, 14 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1173 FT MSL.

NOTE: RWY 7: TREE 12 FT FROM DER, 489 FT LEFT OF CENTERLINE, 690 FT MSL.  
TREE 1108 FT FROM DER, 687 FT RIGHT OF CENTERLINE, 702 FT MSL.  
TREE 1292 FT FROM DER, 583 FT LEFT OF CENTERLINE, 726 FT MSL.  
TREE 2396 FT FROM DER, 583 FT LEFT OF CENTERLINE, 736 FT MSL.  
TREES BEGINNING 5070 FT FROM DER, 1773 FT RIGHT OF CENTERLINE, 100 FT AGL/799 FT MSL.  
TREES BEGINNING 5275 FT FROM DER, 1859 FT RIGHT OF CENTERLINE, 100 FT AGL/826 FT MSL.  
TREES BEGINNING 5480 FT FROM DER, 1946 FT RIGHT OF CENTERLINE, 100 FT AGL/888 FT MSL.  
TREES BEGINNING 1 NM FROM DER, 1925 FT RIGHT OF CENTERLINE, 100 FT AGL/960 FT MSL.  
TREES BEGINNING 1.1 NM FROM DER, 2164 FT RIGHT OF CENTERLINE, UP TO 1167 FT MSL.

NOTE: RWY 20: VEHICLE ON ROAD 27 FT FROM DER, 316 FT RIGHT OF CENTERLINE, 15 FT AGL/714 FT MSL.  
TREES, TOWER BEGINNING 754 FT FROM DER, 325 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/799 FT MSL.  
BLDG 956 FT FROM DER, 341 FT RIGHT OF CENTERLINE, 20 FT AGL/719 FT MSL.  
TREE 2598 FT FROM DER, 310 FT RIGHT OF CENTERLINE, 100 FT AGL/799 FT MSL.  
TREE 4738 FT FROM DER, 1715 FT LEFT OF CENTERLINE, 900 FT MSL.  
TREES BEGINNING 5090 FT FROM DER, 1099 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1000 FT MSL.  
TREES BEGINNING 5591 FT FROM DER, 482 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1150 FT MSL.  
TREE 1.5 NM FROM DER, 1090 FT RIGHT OF CENTERLINE, 100 FT AGL/1000 FT MSL.  
TOWERS, TRANSMISSION LINES BEGINNING 1.7 NM FROM DER, 401 FT RIGHT OF CENTERLINE, UP TO 205 FT AGL/1196 FT MSL.  
TREE 2.1 NM FROM DER, 3218 FT LEFT OF CENTERLINE, 1159 FT MSL

NOTE: RWY 25: TREE 402 FT FROM DER, 429 FT RIGHT OF CENTERLINE, 696 FT MSL.  
TREE 637 FT FROM DER, 511 FT LEFT OF CENTERLINE, 714 FT MSL.  
TREES BEGINNING 929 FT FROM DER, 478 FT RIGHT OF CENTERLINE, UP TO 731 FT MSL.  
TREE 1059 FT FROM DER, 464 FT LEFT OF CENTERLINE, 715 FT MSL.  
TREE 1099 FT FROM DER, 637 FT LEFT OF CENTERLINE, 730 FT MSL.  
TREE 1165 FT FROM DER, 700 FT LEFT OF CENTERLINE, 733 FT MSL.  
TREE 1188 FT FROM DER, 789 FT LEFT OF CENTERLINE, 735 FT MSL.  
TREES BEGINNING 1.3 NM FROM DER, 2401 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1026 FT MSL.  
TREES BEGINNING 1.5 NM FROM DER, 1113 FT RIGHT OF CENTERLINE, UP TO 1137 FT MSL.

**CONTROLLING OBSTACLES:**



| AIRPORT ID | CITY     | STATE | AMDT NO | ACTUAL EFFECTIVE DATE |
|------------|----------|-------|---------|-----------------------|
| OVS        | BOSCOBEL | WI    | 1A      | 12 JUNE 2025          |

RWY 2: 1118 FT MSL TREE 431106.00N/0904039.00W.  
RWY 7: 1167 FT MSL TREE 431003.00N/0903803.00W.  
RWY 20: 1140 FT MSL TREE 430811.68N/0904048.21W.  
RWY 25: 1137 FT MSL TREE 430920.60N/0904257.10W.  
OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 2, 7, 20: 1242 FT MSL TREE 430857.00N/0903930.00W, RWY 25: 1239 FT MSL TREE 430950.55N/0904500.10W.  
VISUAL CLIMB AREA OBSTACLE: 1307 FT MSL TREE 430830.00N/0903657.00W.  
OBSTACLE OUTSIDE VISUAL CLIMB AREA MANDATING VCOA CLIMB TO ALTITUDE: 1361 FT MSL AAO 430715.00N/0903703.00W.

**REMARKS:**

100 FT VEG HEIGHT USED. - PER IAP'S PUBLISHED AT AIRPORT.  
APPROVAL LETTER ON FILE FOR RWY 7, RWY 20 CG EXCEED 500 FT/NM.

**FLIGHT INSPECTED BY**

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021, SUBJECT: GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

**OFFICE****DATE**

*Digitally signed by*

**DAVID DANNER**

Jan 14, 2025

**DEVELOPED BY**

*Digitally signed by*

LEO PALMER

**LEO PALMER**

Dec 09, 2024

**OFFICE****DATE**

AJV-A421

10/31/2024

**APPROVED BY**

DAVID DANNER

*Digitally signed by*

**DAVID DANNER**

Jan 14, 2025

**OFFICE****DATE**

AJV-A421

05/08/2025

**TITLE**

MANAGER

**REQUIRED EFFECTIVE DATE:**

ROUTINE

**COORDINATED WITH:**

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒

**OTHER:** ZAU, AMGR

**CHANGES - REASONS:**

CLEAR NOTAM FDC 4/7814 NEW VCOA CONTROLLING OBSTACLE REQUIRES VCOA VISIBILITY TO BE INCREASED FROM 2 1/2 SM TO 3 SM.

**TAKEOFF MINIMUMS:**

- RWY 2, CG CHANGED FROM 447 TO 461.-SAME CONTROLLING OBSTACLE WITH UPDATED AUTOMATION EVALUATION CALCULATIONS. - IAW 8260.46J CH 2 SEC 2-1.  
- RWY 7,CG CHANGED FROM 548 TO 565 - SAME CONTROLLING OBSTACLE WITH UPDATED AUTOMATION EVALUATION CALCULATIONS. VCOA MOVED TO VISUAL CLIMB OVER AIRPORT SECTION, IAW 8260.46J CH 2 SEC 2-1.  
- RWY 25,CG CHANGED FROM 381 TO 388. - SAME CONTROLLING OBSTACLE UPDATED AUTOMATION EVALUATION CALCULATIONS. VCOA MOVED TO VISUAL CLIMB OVER AIRPORT SECTION IAW 8260.46J CH 2 SEC 2-1.

**TEXTUAL DEPARTURE PROCEDURES:**

RWY 7 - VCOA INSTRUCTIONS MOVED TO VCOA SECTION. - IAW 82640.46J APP D SEC 1 PARA 2 F.  
RWY 20 - VCOA INSTRUCTIONS MOVED TO VCOA SECTION. - IAW 82640.46J APP D SEC 1 PARA 2 F.  
RWY 25 - VCOA INSTRUCTIONS MOVED TO VCOA SECTION. - IAW 8260.46 APP. D SEC. 1 PARA. 2 F

ADDED "VISUAL CLIMB OVER AIRPORT" INSTRUCTIONS - IAW 8260.46 APP. D SEC. 1 PARA. 2 G

TAKEOFF OBSTACLE NOTES: UPDATED, AND FORMATTED FOR NEW FORMS AND DATABASE INJECTION.

**CONTROLLING OBSTACLES:**

RWY 20: CHANGED FROM "1159 MSL TREE, 430656 87N-0904101.17W, 1279 MSL TREE, 430836.00N-0903915.00W" TO "1140 FT MSL TREE 430811.68N/0904048.21W". - NO INCREASE TO MINIMUMS.

ADDED "OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 2, 7, 20: 1242 FT MSL TREE 430857.00N/0903930.00W, RWY 25: 1239 FT MSL TREE 430950.55N/0904500.10W." - IAW 8260.46 APP. D SEC. 1 PARA. 2 I

ADDED "VISUAL CLIMB AREA OBSTACLE: 1307 FT MSL TREE 430830.00N/0903657.00W." - IAW 8260.46 APP. D SEC. 1 PARA. 2 I

ADDED "OBSTACLE OUTSIDE VISUAL CLIMB AREA MANDATING VCOA CLIMB TO ALTITUDE: 1361 FT MSL AAO 430715.00N/0903703.00W." - IAW 8260.46 APP. D SEC. 1 PARA. 2 I

REMARKS: ADDED "100 FT VEG HEIGHT USED. - PER IAP'S PUBLISHED AT AIRPORT.", AND WAIVER ON FILE FOR RWY 7, RWY 20 CG EXCEED 500 FT/NM."- FOR FUTURE PROCEDURE DEVELOPMENT CONSIDERATIONS.

