

**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.

<b>CITY, STATE</b>	<b>AIRPORT</b>	<b>EFFECTIVE DATE</b>	<b>AMDT NO</b>
BARABOO, WI	BARABOO-WISCONSIN DELLS RGNL	20 JUNE 2019	1B

**TAKEOFF MINIMUMS:**

**RWY 14, 32, NA-ENVIRONMENTAL.**

**RWY 1, 19, STANDARD.**

**TEXTUAL DEPARTURE PROCEDURES:**

**RWY 19: CLIMB ON HEADING 189.77 TO 1800 BEFORE TURNING LEFT.**

**VISUAL CLIMB OVER AIRPORT:**

**TAKEOFF OBSTACLE NOTES:**

**NOTE: RWY 1:** ELECTRICAL SYSTEM 9 FT FROM DER, 85 FT RIGHT OF CENTERLINE, 4 FT AGL/969 FT MSL.  
ELECTRICAL SYSTEM AND NAVAID BEGINNING 10 FT FROM DER, 20 FT LEFT OF CENTERLINE, UP TO 3 FT AGL/970 FT MSL.  
TREES BEGINNING 19 FT FROM DER, 169 FT RIGHT OF CENTERLINE, UP TO 975 FT MSL.  
TREE 164 FT FROM DER, 180 FT RIGHT OF CENTERLINE, 980 FT MSL.  
TREE 600 FT FROM DER, 570 FT LEFT OF CENTERLINE, 1009 FT MSL.  
TREE 1177 FT FROM DER, 352 FT LEFT OF CENTERLINE, 45 FT AGL/1015 FT MSL.  
TREE 1216 FT FROM DER, 284 FT RIGHT OF CENTERLINE, 1010 FT MSL.  
TREE 1269 FT FROM DER, 617 FT RIGHT OF CENTERLINE, 1030 FT MSL.  
TREE 1423 FT FROM DER, 419 FT LEFT OF CENTERLINE, 1027 FT MSL.  
TREE 1636 FT FROM DER, 377 FT RIGHT OF CENTERLINE, 60 FT AGL/1036 FT MSL.  
TREE 2406 FT FROM DER, 314 FT LEFT OF CENTERLINE, 1033 FT MSL.  
TREES BEGINNING 2469 FT FROM DER, 27 FT RIGHT OF CENTERLINE, UP TO 1064 FT MSL.  
TREE 2533 FT FROM DER, 327 FT LEFT OF CENTERLINE, 1035 FT MSL.  
TREE 2557 FT FROM DER, 338 FT LEFT OF CENTERLINE, 1036 FT MSL.  
TREE 2675 FT FROM DER, 344 FT LEFT OF CENTERLINE, 1037 FT MSL.  
TREE 2800 FT FROM DER, 370 FT LEFT OF CENTERLINE, 1038 FT MSL.  
TREE 3215 FT FROM DER, 422 FT LEFT OF CENTERLINE, 1051 FT MSL.  
TREE 3757 FT FROM DER, 244 FT RIGHT OF CENTERLINE, 1075 FT MSL.  
TREES BEGINNING 3800 FT FROM DER, 4 FT RIGHT OF CENTERLINE, UP TO 1084 FT MSL.  
TREES BEGINNING 3867 FT FROM DER, 461 FT RIGHT OF CENTERLINE, UP TO 1095 FT MSL.  
TREE 3867 FT FROM DER, 48 FT LEFT OF CENTERLINE, 1064 FT MSL.  
TREE 4532 FT FROM DER, 650 FT RIGHT OF CENTERLINE, 1111 FT MSL.

**NOTE: RWY 19:** NAVAID AND ELECTRICAL SYSTEM BEGINNING 9 FT FROM DER, 16 FT LEFT OF CENTERLINE, UP TO 2 FT AGL/979 FT MSL.  
NAVAID AND ELECTRICAL SYSTEM BEGINNING 9 FT FROM DER, 19 FT RIGHT OF CENTERLINE, UP TO 2 FT AGL/979 FT MSL.  
TREE 2055 FT FROM DER, 69 FT RIGHT OF CENTERLINE, 1031 FT MSL.

**CONTROLLING OBSTACLES:**

**OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:**

**RWY 19: 2248 FT MSL TOWER 432540.05N/0893914.84W.**

QUALITY  
13  
CHECKED

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BARABOO, WI	BARABOO-WISCONSIN DELLS RGNL	20 JUNE 2019	1B

**REMARKS:**

**FLIGHT INSPECTED BY:**

SHAWN D MAXWELL

*Digitally signed by*

**WARDELL HENNING**

Feb 25, 2019

**OFFICE SYMBOL:**

FICO

**DATE:**

2/21/19

**DEVELOPED BY:**

WARDELL HENNING (MICHAEL W HARRIS)

*Digitally signed by*

**WARDELL HENNING**

Feb 25, 2019

**OFFICE SYMBOL:**

AJV-A432

**DATE:**

12/12/2018

**APPROVED BY:**

PATRICK MULQUEEN

*Digitally signed by*

**WARDELL HENNING**

Feb 25, 2019

**OFFICE SYMBOL:**

AJV-A430

**DATE:**

**REQUIRED EFFECTIVE DATE:**

ROUTINE

**COORDINATED WITH:**

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



**OTHER:**

MSN APP CON, ZAU, AMGR, ST AV DIR

**CHANGES - REASONS:**

1. DELETED TAKEOFF MINIMUMS, TEXTUAL DEPARTURE PROCEDURES, TAKEOFF OBSTACLE NOTES, AND CONTROLLING OBSTACLES FOR RWY 14, 32 - IN ACCORDANCE WITH UNPAVED RUNWAY SOP (1.2). TURF RWYS DO NOT HAVE RAPT APPROVAL FOR IFR OPERATIONS.
2. INCORPORATED CHANGE FROM AMDT 1A - IN ACCORDANCE WITH FAAO 8260.19H, PARA 8-3-4C(2).
3. UPDATED TAKEOFF OBSTACLE NOTES FOR RWY 1, 19 - NEW OBSTACLE STUDY. GROUPED AND FORMATTED IN ACCORDANCE WITH DEPARTURE OBSTACLES GROUPER SOP (1.0).
4. AMENDED RWY 19 TEXTUAL DEPARTURE PROCEDURE FROM CLIMB TO 1800 BEFORE TURNING LEFT TO CLIMB ON HEADING 189.77 TO 1800 BEFORE TURNING LEFT - MAGNETIC RWY HEADING ADDED TO INSTRUCTIONS IN ACCORDANCE WITH FAAO 8260.46F, APPENDIX D, SECTION 1, PARA 7A(1).
5. FORMATTED RWY 19 CONTROLLING OBSTACLE AS AN OBSTACLE MANDATING ODP ROUTE DEVELOPMENT - IN ACCORDANCE WITH FAAO 8260.46F, APPENDIX D, SECTION 1, PARA 10C.