

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION  
**TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)**

Bearings, headings, courses, tracks and radials are magnetic. Elevation 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.
WAUSAU, WI	WAUSAU DOWNTOWN	18 OCTOBER 2012	6

**TAKEOFF MINIMUMS:**

RWY 13, 31, STANDARD.

RWY 05, 400-2 ½ OR STANDARD WITH MINIMUM CLIMB OF 378 FT PER NM TO 1700.

RWY 23, 700-3 OR STANDARD WITH MINIMUM CLIMB OF 362 FT PER NM TO 2100.

**TEXTUAL DEPARTURE PROCEDURES:**

RWY 05, CLIMB HEADING 047.41 TO 2100 BEFORE PROCEEDING ON COURSE.

RWY 13, CLIMB HEADING 127.05 TO 2200 BEFORE PROCEEDING ON COURSE.

RWY 23, CLIMB HEADING 227.41 TO 2800 BEFORE PROCEEDING ON COURSE.

RWY 31, CLIMB HEADING 307.06 TO 2800 BEFORE PROCEEDING ON COURSE.

**TAKEOFF OBSTACLE NOTES:**

NOTE: RWY 05, TREES BEGINNING 885 FT FROM DER, 53 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1409 FT MSL. RISING TERRAIN AND TREES BEGINNING 4552 FT FROM DER, RIGHT TO LEFT OF CENTERLINE, UP TO 100 FT AGL/1529 FT MSL.

NOTE: RWY 13, BOAT WITH MAST BEGINNING 215 FT FROM DER, 498 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1222 FT MSL.

NOTE: RWY 23, TREES AND BOATS WITH MASTS BEGINNING 299 FT FROM DER, 8 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1269 FT MSL. TREES AND BOATS WITH MASTS BEGINNING 332 FT FROM DER, 190 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1609 FT MSL. TOWER 2.3 NM FROM DER, 3952 FT LEFT OF CENTERLINE, 248 FT AGL/1840 FT MSL.

NOTE: RWY 31, BOAT WITH MAST BEGINNING 236 FT FROM DER, 511 FT RIGHT OF CENTERLINE TO 100 FT AGL/1222 FT MSL. TREES AND BOATS WITH MASTS BEGINNING 169 FT FROM DER, 27 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1222 FT MSL.

**CONTROLLING OBSTACLES:**

RWY 5: 1529 FT MSL TREE 445646.00N/0893610.00W, 1519 FT MSL TREE 445722.00N/0893510.00W, 1519 FT MSL TREE 445642.00N/0893611.00W.

RWY 23: 1840 FT MSL TOWER 445316.00N/0893905.00W, 1609 FT MSL TREE 445306.00N/0893909.00W.

OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: RWY 5, 13, 23, 31 - 2549 FT MSL TOWER 445514.00N/0894129.00W.

