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.
Worthington, MN	Worthington Muni	10 JANUARY 2013	3

TAKEOFF MINIMUMS:

RWY 11, 29, 36: STANDARD.

RWY 18: 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 233 FT PER NM TO 1900, OR ALTERNATELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 2100 FT PRIOR TO DER.

TEXTUAL DEPARTURE PROCEDURES:

RWY 29-CLIMB HEADING 292.74 TO 2100 BEFORE TURNING LEFT.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 18, REIL BEGINNING 34 FT FROM DER, 78 FT LEFT OF CENTERLINE, 4 FT AGL/1577 FT MSL. VOR/DME 1201 FT FROM DER, 432 FT LEFT OF CENTERLINE, 35 FT AGL/1606 FT MSL. POLE 7390 FT FROM DER, 1989 FT LEFT OF CENTERLINE, 195 FT AGL/1781 FT MSL. REIL BEGINNING 34 FT FROM DER, 78 FT RIGHT OF CENTERLINE, 4 FT AGL/1577 FT MSL. POLES BEGINNING 455 FT FROM DER, 530 FT RIGHT OF CENTERLINE, UP TO 39 FT AGL/1610 FT MSL. BUILDING 703 FT FROM DER, 627 FT RIGHT OF CENTERLINE, 20 FT AGL/1611 FT MSL.

NOTE: RWY 29, VEHICLES ON ROAD BEGINNING 106 FT FROM DER, 258 FT LEFT OF CENTERLINE, UP TO 18 FT AGL/1587 FT MSL. TREES BEGINNING 1083 FT FROM DER, 475 FT LEFT OF CENTERLINE, UP TO 56 FT AGL/1625 FT MSL. TERRAIN BEGINNING 17 FT FROM DER, 2 FT RIGHT OF CENTERLINE, 1574 FT MSL.

NOTE: RWY 36, LIGHT SUPPORT STRUCTURE 10 FT FROM DER, 18 FT LEFT OF CENTERLINE, 3 FT AGL/1574 FT MSL. LIGHT SUPPORT STRUCTURE 10 FT FROM DER, 17 FT RIGHT OF CENTERLINE, 3 FT AGL/1574 FT MSL.

CONTROLLING OBSTACLES:

RWY 18: 1794 FT MSL ELEVATOR 433747.00N/0953433.00W.

OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: RWY 29 - 2307 FT MSL TOWER 433748.00N/0954043.00W.