

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.
ST PAUL, MN	ST PAUL/LAKE ELMO	10 MAR 2011	1

TAKEOFF MINIMUMS:

RWY 4, 22, 32 STANDARD.

RWY 14, 400-2 1/4 OR STANDARD WITH MINIMUM CLIMB OF 233 FEET PER NM TO 1400.

TEXTUAL DEPARTURE PROCEDURES:

RWY 4 - CLIMB HEADING 038.25 TO 1600 FT BEFORE TURNING RIGHT.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 4, TREES BEGINNING AT DER, 458 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1039 FT MSL. TREES AND BLDGS BEGINNING 94 FT FROM DER, 377 FT LEFT OF CENTERLINE UP TO 100 FT AGL/1049 FT MSL.

NOTE: RWY 14, TREES AND VEHICLES ON ROAD BEGINNING 252 FT FROM DER, 25 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1129 FT MSL. TREES BEGINNING 857 FT FROM DER, 50 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1239 FT MSL.

NOTE: RWY 22, TREES, VEHICLES ON ROAD AND BLDG BEGINNING 118 FT FROM DER, 89 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1039 FT MSL. TREES BEGINNING 1519 FT FROM DER, 73 FT LEFT OF CENTERLINE, UP TO 84 FT AGL/1003 FT MSL.

NOTE: RWY 32, TREES BEGINNING 943 FT FROM DER, 579 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1029 FT MSL. TREES AND VEHICLES ON ROAD BEGINNING 176 FT FROM DER, 515 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1029 FT MSL.

CONTROLLING OBSTACLES:

RWY 14: 1129 MSL TREE, 445833.03N/0925032.21W, 1239 MSL AAO, 445823.12N/0924907.43W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:

RWY 4: 1475 MSL STACK, 450148.00N-0924645.00W.

