

## TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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.

### (1) TAKEOFF MINIMUMS:

RWY 05, 09, 27 STANDARD.

RWY 23, 300-2 1/2 OR STANDARD WITH A MINIMUM CLIMB OF 240 FEET PER NM TO 800.

### (2) TEXTUAL DEPARTURE PROCEDURE:

**(3) TAKEOFF OBSTACLE NOTES:** NOTE: RWY 05, ANTENNA ON BUILDING 291' FROM DER, 267' RIGHT OF CENTERLINE, 9' AGL/238' MSL. OBSTRUCTION LIGHT ON LOCALIZER 347' FROM DER, ON CENTERLINE, 7' AGL/241' MSL. TREES BEGINNING 551' FROM DER, 514' LEFT OF CENTERLINE, UP TO 75' AGL/324' MSL. TREES BEGINNING 825' FROM DER, 516' RIGHT OF CENTERLINE, UP TO 56' AGL/292' MSL. NOTE: RWY 09, BUSHES AND TREES BEGINNING 371' FROM DER, 142' LEFT OF CENTERLINE, UP TO 64' AGL/303' MSL. TREES BEGINNING 784' FROM DER, 51' RIGHT OF CENTERLINE, UP TO 73' AGL/312' MSL. NOTE: RWY 23, TREES, BUILDINGS AND POLES BEGINNING 1002' FROM DER, 249' LEFT OF CENTERLINE, UP TO 76' AGL/257' MSL. TREES BEGINNING 2233' FEET FROM DER, 878' RIGHT OF CENTERLINE, UP TO 60' AGL/277' MSL. (CONTINUED)

### (4) CONTROLLING OBSTACLES:

RWY 23: 596 MSL TOWER, 445411.00N-0745301.00W.



(5) City, State

**MASSENA, NY**

(6) Airport

**MASSENA INTL-RICHARDS FIELD**

(7) Effective Date

**17 DEC 2009**

(8) Amdt. No.

**8**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
DEPARTURE PROCEDURE (CONTINUATION FAA FORM 8260-15A  
FLIGHT STANDARDS SERVICE

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elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in  
statute miles or in feet RVR.

(3) TAKEOFF OBSTACLES CONTINUED...

LIGHT ON TOWER 2.1 NM FROM DER, 2453' RIGHT OF CENTERLINE, 388' AGL/596' MSL.

NOTE: RWY 27, TREES BEGINNING 341' FROM DER, 341' LEFT OF CENTERLINE, UP TO 81' AGL/292' MSL. TREES BEGINNING 499' FROM DER, 289' RIGHT OF CENTERLINE, UP TO 100' AGL/329' MSL.

QUALITY  
CHECKED

City, State <b>MASSENA, NY</b>		Airport <b>MASSENA INTL-RICHARDS FIELD</b>			Effective Date <b>17 DEC 2009</b>	Amdt. No. <b>8</b>
DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date	