

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 11, 15 STANDARD.

RWY 29, 300-1 OR STANDARD WITH MINIMUM CLIMB OF 323 FEET PER NM TO 1300.

RWY 33, 700-3 OR STANDARD WITH MINIMUM CLIMB OF 394 FEET PER NM TO 2000.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 29- CLIMB HEADING 288.86 TO 1600 BEFORE TURNING RIGHT.

RWY 33- CLIMB HEADING 332.73 TO 2000 BEFORE TURNING RIGHT.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 15, TREES BEGINNING 130' FROM DER, 333' RIGHT OF CENTERLINE, UP TO 100' AGL/1011' MSL. TREES BEGINNING 63' FROM DER, 250' LEFT OF CENTERLINE, UP TO 100' AGL/1003' MSL.

NOTE: RWY 29, TREES BEGINNING 55' FROM DER, 464' RIGHT OF CENTERLINE, UP TO 100' AGL/1192' MSL. TREES BEGINNING 617' FROM DER, 621' LEFT OF CENTERLINE, UP TO 100' AGL/1109' MSL.

NOTE: RWY 33, TREES BEGINNING 212' FROM DER, 124' LEFT OF CENTERLINE, UP TO 100' AGL/1043' MSL. TREES BEGINNING 499' FROM DER, 339' RIGHT OF CENTERLINE, UP TO 100' AGL/1418' MSL. RISING TERRAIN BEGINNING 1.5 NM FROM DER, 1491' RIGHT OF CENTERLINE, (CONT.)

(4) CONTROLLING OBSTACLES:

RWY 29: 1192 MSL TREE 421624.04N/0715432.35W, 1648 MSL TOWER 421810.00N/0715349.00W.

RWY 33: 1674 MSL TOWER 421834.00N/0715411.00W.



(5) City, State

WORCESTER, MA

(6) Airport

WORCESTER REGIONAL

(7) Effective Date

11 MAR 2010

(8) Amdt. No.

8

Pub 03/11/10

TZ 10-05

(9) Changes:

1. RWY 29 VISIBILITY CHANGED FROM 2 SM TO 1 SM.
2. RWY 33 VISIBILITY CHANGED FROM 2 SM TO 3 SM.
3. RWY 29 CLIMB GRADIENT RAISED FROM 250 TO 323 FEET PER NM.
4. RWY 33 CLIMB GRADIENT RAISED FROM 320 TO 394 FEET PER NM.
5. RWY 29 DEPARTURE PROCEDURE ALTITUDE CHANGED FROM 1300 TO 1600 FEET.
6. TAKE-OFF OBSTACLE NOTES UPDATED.
7. UPDATED CONTROLLING OBSTACLES.
8. REQUEST 4D AC FROM FLIGHT CHECK FOR TOWER 1674 MSL 421834.00N/0715411.00W AND TOWER 1648 MSL 421810.00N/0715349.00W TO MITIGATE EXCESSIVE CLIMB GRADIENTS FOR RWY 33.

(10) Reasons:

- 1-5, 7, 8. NEW CONTROLLING OBSTACLES IDENTIFIED THROUGH MAP STUDY AND EVALUATION.
6. ADDED LOW-CLOSE IN OBSTACLES PER CRITERIA, NOT PREVIOUSLY LISTED FOR RWY 11.



(11) Coordinated With:

ATA ALPA APA AOPA NBAA OTHER (specify)

(12) Required Effective Date:

(13) FLIGHT INSPECTED BY		(14) DEVELOPED BY		(15) APPROVED BY	
Name:	Date:	Signature:	Date:	Signature:	Date: