

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.
ELLENVILLE, NY	JOSEPH Y RESNICK		1

TAKEOFF MINIMUMS:

RWY 4, 400 – 1 1/2 WITH MINIMUM CLIMB OF 402 FT PER NM TO 4300 OR STANDARD WITH MINIMUM CLIMB OF 490 FT PER NM TO 4300 OR 2700 - 3 FOR CLIMB IN VISUAL CONDITIONS.

RWY 22, STANDARD WITH MINIMUM CLIMB OF 470 FT PER NM TO 2000 OR 2700 - 3 FOR CLIMB IN VISUAL CONDITIONS.

TEXTUAL DEPARTURE PROCEDURES:

RWY 4 - CLIMB ON HEADING 047.13 TO 4300 FT BEFORE PROCEEDING ON COURSE OR FOR CLIMB IN VISUAL CONDITIONS, CROSS JOSEPH Y RESNICK AIRPORT AT OR ABOVE 2800 BEFORE PROCEEDING ON COURSE. WHEN EXECUTING VCOA, NOTIFY ATC PRIOR TO DEPARTURE.

RWY 22 - CLIMB ON HEADING 235 TO 2900 FT BEFORE PROCEEDING ON COURSE OR FOR CLIMB IN VISUAL CONDITIONS, CROSS JOSEPH Y RESNICK AIRPORT AT OR ABOVE 2800 BEFORE PROCEEDING ON COURSE. WHEN EXECUTING VCOA, NOTIFY ATC PRIOR TO DEPARTURE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 4, TREES 20 FT FROM DER, 11 FT RIGHT OF CENTERLINE, UP TO 109 FT AGL / 419 FT MSL. TREES 1187 FT FROM DER, 456 FT LEFT OF CENTERLINE, UP TO 109 FT AGL / 399 FT MSL. TREES 2154 FT FROM DER, 416 FT RIGHT OF CENTERLINE, 109 FT AGL / 379 FT MSL. TREES 2962 FT FROM DER, 780 FT LEFT OF CENTERLINE, 109 FT AGL / 399 FT MSL. TREES 4024 FT FROM DER, 1005 FT LEFT OF CENTERLINE, 109 FT AGL / 419 FT MSL

NOTE: RWY 22, TREES BEGINNING AT DER, 175 FT RIGHT OF CENTERLINE, UP TO 109 FT AGL / 419 FT MSL. TREES BEGINNING AT DER, 288 FT LEFT OF CENTERLINE, UP TO 109 FT AGL / 419 FT MSL. POLE 2196 FT FROM DER, 169 FT LEFT OF CENTERLINE, 84 FT AGL / 384 FT MSL.

CONTROLLING OBSTACLES:

RWY 4 – 507 FT MSL TANK 414430.00N-0742133.00W, 679 FT MSL TREE 414509.42N-0742158.78W.

RWY 22 – 1239 FT MSL AAO 414155.00N-0742546.50W; 1739 FT MSL AAO 413918.48N-0742815.15W.

VCOA – 4399 FT MSL AAO 415956.24N-0742307.47W; 2479 FT MSL AAO 414020.84N-0742124.65W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:

RWY 4 – 4399 FT MSL AAO 415956.24N-0742307.47W.

RWY 22 – 2382 FT MSL TOWER 414101.00N-0742123.00W.



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REMARKS:

507 FT MSL TANK LOCATED AT 414430.00N-0742133.00W FLIGHT CHECKED TO 4D ACCURACY.

FLIGHT INSPECTED BY:

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

DON SMITH
(DUSTIN R. DAVIDSON) AJV-352 03/07/2012

APPROVED BY:

DARRYEL ADAMS AJV-352

COORDINATED WITH:

ALPA, AOPA, NBAA, ZBW, NY APP CON, ARPT MGR

CHANGES:

1. DECREASED TAKEOFF MINIMUMS NOTE FOR RWY 4 CEILING FROM 1000 TO 400.
2. DECREASED TAKEOFF MINIMUMS NOTE FOR RWY 4 VISIBILITY FROM 2 TO 1 1/2.
3. ADDED TAKEOFF MINIMUMS NOTE FOR RWY 4 CLIMB GRADIENT OF 490 FT PER NM.
4. ADDED TAKEOFF MINIMUMS NOTE FOR RWY 4 CLIMB TO ALTITUDE OF 4300 FT.
5. INCREASED TAKEOFF MINIMUMS NOTE FOR RWY 22 CLIMB GRADIENT FROM 450 FT PER NM TO 470 FT PER NM.
6. INCREASED TAKEOFF MINIMUMS NOTE FOR RWY 22 CLIMB TO ALTITUDE FROM 1800 FT TO 2000 FT.
7. DECREASED DEPARTURE PROCEDURE NOTE FOR RWY 4 CLIMB TO ALTITUDE FROM 5000 FT TO 4300 FT.
8. DECREASED DEPARTURE PROCEDURE NOTE FOR RWY 22 CLIMB TO ALTITUDE FROM 4000 FT TO 2900 FT.
9. REMOVED TAKEOFF MINIMUMS NOTE FOR RWY 22 FOR CEILING AND VISIBILITY.
10. ADDED TAKEOFF MINIMUMS NOTE FOR VCOA RWY 22.
11. ADDED TAKEOFF MINIMUMS NOTE FOR VCOA RWY 4.
12. CHANGED DEPARTURE PROCEDURE NOTE FOR RWY 4 FROM RUNWAY HEADING TO HEADING 047.13.
13. CHANGED DEPARTURE PROCEDURE NOTE FOR RWY 22 FROM RUNWAY HEADING TO HEADING 235.

REASONS:

- 1-8. NEW OBSTRUCTIONS.
9. CLIMB GRADIENT FOR OBSTACLES GREATER THAN 3 SM EXCEEDS ALL CEILING AND VISIBILITY.
- 10-11. IAW 8260.3B CHG 19, VOL 4, PARA 4.0.
- 12-13. IAW 8260.46D, PARA 2-1.G.(1).

