

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.
ALBANY, NY	ALBANY INTL	10 DECEMBER 2015	13

**TAKEOFF MINIMUMS:**

RWY 1, 19: STANDARD  
RWY 10: 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 365 FT PER NM TO 600.  
RWY 28: 300-1 3/4 OR STANDARD WITH MINIMUM CLIMB OF 458 FT PER NM TO 700.

**TEXTUAL DEPARTURE PROCEDURES:**

RWY 10: CLIMB HEADING 110.00 TO 2000 BEFORE TURNING NORTH.  
RWY 19: CLIMB HEADING 191.17 TO 1100 BEFORE TURNING WEST.  
RWY 28: CLIMB HEADING 281.19 TO 2000 BEFORE PROCEEDING ON COURSE.

**VISUAL CLIMB OVER AIRPORT:**

**TAKEOFF OBSTACLE NOTES:**

NOTE: RWY 1: TREES BEGINNING 1168 FT FROM DER, 640 FT RIGHT OF CENTERLINE, UP TO 113 FT AGL/363 FT MSL. TREES BEGINNING 2109 FT FROM DER, 581 FT LEFT OF CENTERLINE, UP TO 102 FT AGL/362 FT MSL.

NOTE: RWY 10: TREE 117 FT FROM DER, 420 FT RIGHT OF CENTERLINE, 29 FT AGL/300 FT MSL. VEHICLES ON ROAD 304 FT FROM DER, 499 FT LEFT OF CENTERLINE, UP TO 15 FT AGL/290 FT MSL. TREES BEGINNING 429 FT FROM DER, 341 FT RIGHT OF CENTERLINE, UP TO 97 FT AGL/366 FT MSL. TREE 460 FT FROM DER, 616 FT LEFT OF CENTERLINE, 92 FT AGL/352 FT MSL. VEHICLES ON ROAD 1461 FT FROM DER, 689 FT LEFT OF CENTERLINE, UP TO 15 FT AGL/315 FT MSL. TREES BEGINNING 1534 FT FROM DER, 463 FT LEFT OF CENTERLINE, UP TO 105 FT AGL/403 FT MSL. TREES BEGINNING 2595 FT FROM DER, 81 FT LEFT OF CENTERLINE, UP TO 87 FT AGL/401 FT MSL. TREES BEGINNING 2738 FT FROM DER, 961 FT RIGHT OF CENTERLINE, UP TO 99 FT AGL/398 FT MSL. TREES BEGINNING 4602 FT FROM DER, 1167 FT RIGHT OF CENTERLINE, UP TO 93 FT AGL/490 FT MSL. TREES BEGINNING 4713 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 75 FT AGL/437 FT MSL. TREE 5136 FT FROM DER, 576 FT RIGHT OF CENTERLINE, 95 FT AGL/510 FT MSL. TREE 1.1 NM FROM DER, 1578 FT RIGHT OF CENTERLINE, 87 FT AGL/453 FT MSL.

NOTE: RWY 19: TREES BEGINNING 2510 FT FROM DER, 984 FT RIGHT OF CENTERLINE, UP TO 105 FT AGL/394 FT MSL.

NOTE: RWY 28: TREE 149 FT FROM DER, 355 FT LEFT OF CENTERLINE, 34 FT AGL/293 FT MSL. TREES BEGINNING 555 FT FROM DER, 459 FT RIGHT OF CENTERLINE, UP TO 36 FT AGL/311 FT MSL. TERRAIN 1029 FT FROM DER, 595 FT LEFT OF CENTERLINE, 319 FT MSL. TREES BEGINNING 1275 FT FROM DER, 292 FT LEFT OF CENTERLINE UP TO 97 FT AGL/388 FT MSL. TREES BEGINNING 1397 FT FROM DER, 531 FT RIGHT OF CENTERLINE, UP TO 104 FT AGL/408 FT MSL. TREES BEGINNING 2065 FT FROM DER, 696 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/401 FT MSL. TREES BEGINNING 2172 FT FROM DER, 706 FT RIGHT OF CENTERLINE, UP TO 98 FT AGL/425 FT MSL. TREES BEGINNING 2608 FT FROM DER, 217 FT RIGHT OF CENTERLINE, UP TO 102 FT AGL/430 FT MSL. TREES BEGINNING 2786 FT FROM DER, 78 FT LEFT OF CENTERLINE, UP TO 97 FT AGL/440 FT MSL. TREES BEGINNING 3089 FT FROM DER, 2 FT RIGHT OF CENTERLINE, UP TO 64 FT AGL/397 FT MSL. TREES BEGINNING 4053 FT FROM DER, 1089 FT RIGHT OF CENTERLINE, UP TO 77 FT AGL/452 FT MSL. TREE 4192 FT FROM DER, 312 FT LEFT OF CENTERLINE, 92 FT AGL/461 FT MSL. TREES BEGINNING 5258 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 102 FT AGL/525 FT MSL. TREES BEGINNING 1.1 NM FROM DER, 1416 FT RIGHT OF CENTERLINE, UP TO 90 FT AGL/534 FT MSL. TREES BEGINNING 1.2 NM FROM DER, 611 FT LEFT OF CENTERLINE, UP TO 111 FT AGL/ 473 FT MSL.

**CONTROLLING OBSTACLES:**

RWY 10: 510 FT MSL TREE, 424455.12N-0734558.04W

RWY 28: 525 FT MSL TREE, 424500.23N-0734956.33W, (CLIMB-TO ALTITUDE), 430 FT MSL TREE 424507.37N-0734918.96W, (CLIMB GRADIENT)

**OBSTACLES MANDATING ROUTE DEVELOPMENT:**

RWY 10: 1688 FT MSL TOWER, 424709.00N-0733741.00W

RWY 19: 2294 FT MSL TOWER, 423731.34N-0740036.20W

RWY 28: 2294 FT MSL TOWER, 423731.34N-0740036.20W



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**REMARKS:**

**FLIGHT INSPECTED BY:**

BILL SETTLEMIRE *Digitally signed by* FICO 06/17/2015  
**JULIE A MORGAN**

**REQUIRED EFFECTIVE DATE:**

ROUTINE

**DEVELOPED BY:**

Jun 26, 2015  
*Digitally signed by*  
LIAM DONAHUE **LIAM DONAHUE** AJV-352 5/12/2015  
May 28, 2015

**APPROVED BY:**

*Digitally signed by*  
ADOLFO URRUTIA **JULIE A MORGAN** AJV-352  
Jun 26, 2015

**COORDINATED WITH:**

**CHANGES:**

1. CHANGED TAKEOFF MINIMUM VISIBILITY FOR RWY 10 FROM 1 TO 1 ½.
2. CHANGED RWY 19 DEPARTURE PROCEDURE FROM BEFORE PROCEEDING ON COURSE TO BEFORE TURNING WEST.
3. UPDATED TAKEOFF OBSTACLE NOTES.
4. UPDATED ELEVATIONS AND COORDINATES FOR CONTROLLING OBSTACLES.
5. DELETED SECOND CONTROLLING OBSTACLE FOR RWY 10.

**REASONS:**

1. OBSTACLE 36-021337 DER DISTANCE OF 6984.34 FT.
2. DIVERSE PENETRATING OBSTACLE IS TO THE WEST ONLY.
- 3, 4. NEW SURVEY
5. REMAINING OBSTACLE CONTROLS BOTH GRADIENT AND ALTITUDE.

11/04/2015: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 06/26/2015.

1. ADDED NY TO HEADER.

