

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.
BERLIN, NJ	CAMDEN COUNTY	13 NOVEMBER 2014	2

**TAKEOFF MINIMUMS:**

RWY 23, STANDARD  
RWY 5, 600 1 3/4 OR STANDARD WITH MINIMUM CLIMB OF 442 FT PER NM TO 700.

**TEXTUAL DEPARTURE PROCEDURES:**

RWY 5 – CLIMB HEADING 049.95 TO 600 BEFORE TURNING ON COURSE.  
RWY 23 – CLIMB HEADING 229.97 TO 600 BEFORE TURNING ON COURSE.

**TAKEOFF OBSTACLE NOTES:**

NOTE: RWY 5, POLES BEGINNING AT 1 FT FROM DER, 199 FT LEFT AND RIGHT OF CENTERLINE, UP TO 35 FT AGL/179 FT MSL. VEHICLE ON ROAD BEGINNING 76 FT FROM DER, 7 FT LEFT AND RIGHT OF CENTERLINE, UP TO 15 FT AGL/158 FT MSL. TREES BEGINNING 73 FT FROM DER, 204 FT LEFT AND RIGHT OF CENTERLINE, UP TO 120 FT AGL/271 FT MSL. SIGN 23 FT FROM DER, 97 FT RIGHT OF CENTERLINE, UP TO 6 FT AGL/147 FT MSL. TOWERS BEGINNING AT 1.2 NM FROM DER, 246 FT LEFT AND RIGHT OF CENTERLINE, UP TO 310 FT AGL/500 FT MSL.

NOTE: RWY 23, POLES BEGINNING AT 183 FT FROM DER, 37 FT LEFT AND RIGHT OF CENTERLINE, UP TO 36 FT AGL/186 FT MSL. RAILROAD BEGINNING AT 103 FT FROM DER, 25 FT LEFT AND OF CENTERLINE, UP TO 17 FT AGL/167 FT MSL. TREES BEGINNING 4 FT FROM DER, 1 FT LEFT AND RIGHT OF CENTERLINE, UP TO 79 FT AGL/234 FT MSL.

**CONTROLLING OBSTACLES:**

RWY 5: 500 FT MSL TOWER 3947430.40N / 0745545.60W (CEILING), (CLIMB GRADIENT). 463 FT MSL TOWER 394814.00N / 0745557.00W (VISIBILITY).

OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: RWY 5 - 500 FT MSL TOWER 3947430.40N / 0745545.60W.

QUALITY  
8  
CHECKED

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**REMARKS:**

FLIGHT INSPECTION NOT REQUIRED, REQUEST DESK-TOP REVIEW. TEXTUAL FOR RWY 23 RETAINED FROM PREVIOUS AMENDMENT.

**FLIGHT INSPECTED BY:**

Michael Meenan

9/12/14

**REQUIRED EFFECTIVE DATE:**

ROUTINE

**DEVELOPED BY:**

HOWARD L HAWKINS JR

AJV-352

08/15/2014

**APPROVED BY:**

SUE CRUMB

AJV-352

SEP 22 2014

**COORDINATED WITH:**

ALPA, AOPA, NBAA, FPT EST, ZDC, ACY APP CON, WRI APP CON, AMGR

**CHANGES:**

1. CHANGED RWY 5 MINIMUMS FROM 600 1 ½ OR STANDARD WITH MINIMUM CLIMB OF 270' PER NM TO 600 TO: 600 1 ¾ OR STANDARD WITH MINIMUM CLIMB OF 442 FT PER NM TO 700.
2. ADDED TAKEOFF OBSTACLE NOTES FOR RWY(S) 5/23.
3. TEXTUAL DEPARTURE PROCEDURES CHANGED FROM RWY 5, 23 - CHANGED FROM CLIMB TO 600 BEFORE TURNING ON COURSE TO: RWY 5, - CLIMB HEADING 049.95 TO 600 BEFORE TURNING ON COURSE. RWY 23, - CLIMB HEADING 229.97 TO 600 BEFORE TURNING ON COURSE.

**REASONS:**

1. NEW CONTROLLING OBSTACLE (500 MSL TOWER)
2. COMPLY WITH CURRENT CRITERIA.
3. RWY 5 COMPLIES WITH CURRENT CRITERIA. RWY 23, RETAINED FROM PREVIOUS PROCEDURE.

