

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)  
TITLE 14 CFR PART 97.37**

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.

<b>CITY, STATE</b>	<b>AIRPORT</b>	<b>EFFECTIVE DATE</b>	<b>AMDT NO</b>
BELMAR/FARMINGDALE, NJ	MONMOUTH EXECUTIVE	20 JUNE 2019	3

**TAKEOFF MINIMUMS:**

RWY 21: NA - OBSTACLES.  
RWY 14, 32: STANDARD.  
RWY 3: STANDARD WITH MINIMUM CLIMB OF 210 FT PER NM TO 800, OR 1000-3 FOR VCOA.

**TEXTUAL DEPARTURE PROCEDURES:**

**VISUAL CLIMB OVER AIRPORT:**

RWY 3: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS MONMOUTH EXECUTIVE AIRPORT AT OR ABOVE 1000 BEFORE PROCEEDING ON COURSE.

**TAKEOFF OBSTACLE NOTES:**

NOTE: RWY 3, FENCE ABEAM DER, 81 FT LEFT OF CENTERLINE, 2 FT AGL/150 FT MSL TREE 7 FT FROM DER, 394 FT RIGHT OF CENTERLINE, 28 FT AGL/157 FT MSL. TREE 13 FT FROM DER, 243 FT RIGHT OF CENTERLINE, 42 FT AGL/178 FT MSL. TREE, POLE BEGINNING 43 FT FROM DER, 257 FT LEFT OF CENTERLINE, UP TO 39 FT AGL/189 FT MSL. TREES BEGINNING 59 FT FROM DER, 191 FT RIGHT OF CENTERLINE, UP TO 41 FT AGL/179 FT MSL. TREES BEGINNING 112 FT FROM DER, 32 FT RIGHT OF CENTERLINE, UP TO 45 FT AGL/186 FT MSL. TREE, POLE BEGINNING 180 FT FROM DER, 3 FT LEFT OF CENTERLINE, UP TO 51 FT AGL/196 FT MSL.

NOTE: RWY 14, POLE 54 FT FROM DER, 342 FT LEFT OF CENTERLINE, 34 FT AGL/156 FT MSL. TREES BEGINNING 62 FT FROM DER, 63 FT RIGHT OF CENTERLINE, UP TO 41 FT AGL/164 FT MSL. TREES BEGINNING 161 FT FROM DER, 70 FT RIGHT OF CENTERLINE, UP TO 57 FT AGL/177 FT MSL. TREE 195 FT FROM DER, 88 FT LEFT OF CENTERLINE, 32 FT AGL/162 FT MSL. TREES BEGINNING 250 FT FROM DER, 408 FT RIGHT OF CENTERLINE, UP TO 63 FT AGL/183 FT MSL. TREES BEGINNING 442 FT FROM DER, 423 FT RIGHT OF CENTERLINE, UP TO 75 FT AGL/195 FT MSL. TREES BEGINNING 627 FT FROM DER, 347 FT RIGHT OF CENTERLINE, UP TO 76 FT AGL/196 FT MSL. TREES BEGINNING 762 FT FROM DER, 293 FT RIGHT OF CENTERLINE, UP TO 78 FT AGL/198 FT MSL. TREE 843 FT FROM DER, 50 FT LEFT OF CENTERLINE, 62 FT AGL/177 FT MSL. TREES BEGINNING 849 FT FROM DER, 382 FT RIGHT OF CENTERLINE, UP TO 76 FT AGL/202 FT MSL. TREES BEGINNING 928 FT FROM DER, 57 FT RIGHT OF CENTERLINE, UP TO 78 FT AGL/203 FT MSL. TREES BEGINNING 1137 FT FROM DER, 297 FT LEFT OF CENTERLINE, UP TO 75 FT AGL/184 FT MSL. TREE 1556 FT FROM DER, 75 FT LEFT OF CENTERLINE, 63 FT AGL/201 FT MSL. TREES BEGINNING 1592 FT FROM DER, 48 FT LEFT OF CENTERLINE, UP TO 65 FT AGL/205 FT MSL. TREE 1635 FT FROM DER, 179 FT LEFT OF CENTERLINE, 69 FT AGL/209 FT MSL.

NOTE: RWY 32, VEHICLE ON ROAD 23 FT FROM DER, 322 FT RIGHT OF CENTERLINE, 121 FT MSL. VEHICLE ON ROAD 53 FT FROM DER, 366 FT LEFT OF CENTERLINE, 122 FT MSL. VEHICLE ON ROAD BEGINNING 80 FT FROM DER, 108 FT RIGHT OF CENTERLINE, UP TO 123 FT MSL. TREES BEGINNING 107 FT FROM DER, 191 FT RIGHT OF CENTERLINE, UP TO 69 FT AGL/176 FT MSL. TREES BEGINNING 117 FT FROM DER, 364 FT LEFT OF CENTERLINE, UP TO 45 FT AGL/147 FT MSL. TREE 192 FT FROM DER, 490 FT LEFT OF CENTERLINE, 64 FT AGL/164 FT MSL. TREES BEGINNING 224 FT FROM DER, 94 FT LEFT OF CENTERLINE, UP TO 68 FT AGL/168 FT MSL. TREES BEGINNING 1330 FT FROM DER, 30 FT RIGHT OF CENTERLINE, UP TO 99 FT AGL/179 FT MSL. TREES BEGINNING 1942 FT FROM DER, 188 FT LEFT OF CENTERLINE, UP TO 102 FT AGL/181 FT MSL.

**CONTROLLING OBSTACLES:**

RWY 3: 570 FT MSL TOWER 401345.20N/0740525.20W  
VCOA: 570 FT MSL TOWER 401345.20N/0740525.20W (VCA).

**REMARKS:**

RWY 21 NOT AUTHORIZED DUE TO LOW, CLOSE-IN OBSTACLES THAT START AT DEPARTURE END OF RUNWAY PER FLIGHT INSPECTION RESULTS.

<b>FLIGHT INSPECTED BY:</b>	<i>Digitally signed by</i> <b>ROBERT G HAMILTON</b> Mar 05, 2019	<b>OFFICE SYMBOL:</b>	<b>DATE:</b>
BOB S PRESSLER		FICO	02/28/2019

<b>DEVELOPED BY:</b>	<i>Digitally signed by</i> <b>JASON KRETSCHMER</b> Jan 31, 2019	<b>OFFICE SYMBOL:</b>	<b>DATE:</b>
JASON KRETSCHMER		AJV-A422	01/31/2019

<b>APPROVED BY:</b>	<i>Digitally signed by</i> <b>ROBERT G HAMILTON</b> Mar 05, 2019	<b>OFFICE SYMBOL:</b>	<b>DATE:</b>
JULIE MORGAN		AJV-A420	

**REQUIRED EFFECTIVE DATE:**

ROUTINE

**COORDINATED WITH:**

<b>A4A</b>	<b>ALPA</b>	<b>AOPA</b>	<b>APA</b>	<b>HAI</b>	<b>NBAA</b>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>



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**OTHER:**

ZNY, NY TRACON, ABE APP CON, AMGR

**CHANGES - REASONS:**

1. CHANGED RWY 3 TAKEOFF MINIMUMS FROM "STANDARD" TO "STANDARD WITH MINIMUM CLIMB OF 210 FT PER NM TO 800, OR 1000-3 FOR VCOA". - NEW CONTROLLER AND IAW 8260.46F, FIG 2-1-2, FOOTNOTE 3.
2. REMOVED TEXTUAL DEPARTURE PROCEDURE "RWY 32 - CLIMB HEADING 324.50 TO 1000 BEFORE TURNING RIGHT". - OBSTACLE MANDATING DEVELOPMENT OF TEXTUAL ODP ROUTE NO LONGER APPLIES.
3. ADDED VCOA "RWY 3: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS MONMOUTH EXECUTIVE AIRPORT AT OR ABOVE 1000 BEFORE PROCEEDING ON COURSE". - CONTROLLER OUTSIDE SEE AND AVOID AREA IAW 8260.46F, PARA 2-1-2 AND 8260.3D, CHAP 14.
4. REVISED TAKEOFF OBSTACLES FOR ALL RUNWAYS. - NEW OBSTACLE SURVEY DATA.
5. REMOVED CONTROLLING OBSTACLE RWY 32: 772 FT MSL TOWER 401504.00N/0741047.30W - NEW OBSTACLE SURVEY DATA.
6. ADDED CONTROLLING OBSTACLE RWY 3: 570 FT MSL TOWER 401345.20N/0740525.20W.- NEW OBSTACLE SURVEY DATA.
7. ADDED CONTROLLING OBSTACLE FOR VCOA. 570 FT MSL TOWER 401345.20N/0740525.20W.- NEW OBSTACLE SURVEY DATA.

03/04/19: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 01/31/19.

1. CHANGED TAKEOFF MINIMUMS FOR RWY 21 FROM "STANDARD" TO "NA - OBSTACLES" PER FLIGHT INSPECTION RESULTS.
2. REMOVED TAKEOFF OBSTACLE NOTES FOR RWY 21. NOT REQUIRED IAW 8260.46F, APPENDIX D.6.
3. ADDED REMARK "RWY 21 NOT AUTHORIZED DUE TO LOW, CLOSE-IN OBSTACLES THAT START AT DEPARTURE END OF RUNWAY PER FLIGHT INSPECTION RESULTS".