

**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.

CITY, STATE	AIRPORT	EFFECTIVE DATE	AMDT NO
PLYMOUTH, MA	PLYMOUTH MUNI	19 JULY 2018	3

TAKEOFF MINIMUMS:

RWY 6, 15, 24, 33: STANDARD

TEXTUAL DEPARTURE PROCEDURES:

RWY 6: CLIMB HEADING 055.55 TO 800 BEFORE TURNING LEFT.

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 06: SIGN AT DER, 248 FT RIGHT OF CENTERLINE, 7 FT AGL/149 FT MSL.
TREE 5 FT FROM DER, 443 FT RIGHT OF CENTERLINE, 167 FT MSL.
TREES, BUILDINGS, POLE BEGINNING 32 FT FROM DER, 215 FT LEFT OF CENTERLINE, UP TO 22 FT AGL/173 FT MSL.
TREES BEGINNING 141 FT FROM DER, 379 FT RIGHT OF CENTERLINE, UP TO 171 FT MSL.
TREES BEGINNING 293 FT FROM DER, 338 FT RIGHT OF CENTERLINE, UP TO 172 FT MSL.
TREES BEGINNING 594 FT FROM DER, 324 FT RIGHT OF CENTERLINE, UP TO 32 FT AGL/181 FT MSL.
TREES BEGINNING 722 FT FROM DER, 322 FT RIGHT OF CENTERLINE, UP TO 225 FT MSL.
BUILDING 779 FT FROM DER, 643 FT LEFT OF CENTERLINE, 23 FT AGL/175 FT MSL.
TREES, BUILDING BEGINNING 781 FT FROM DER, 324 FT LEFT OF CENTERLINE, UP TO 41 FT AGL/190 FT MSL.
TREE 1163 FT FROM DER, 584 FT LEFT OF CENTERLINE, 209 FT MSL.
TREES BEGINNING 1166 FT FROM DER, 342 FT LEFT OF CENTERLINE, UP TO 229 FT MSL.
TREES BEGINNING 1173 FT FROM DER, RIGHT OF CENTERLINE, UP TO 83 FT AGL/233 FT MSL.
TREES BEGINNING 1345 FT FROM DER, 5 FT LEFT OF CENTERLINE, UP TO 233 FT MSL.
TREES BEGINNING 3043 FT FROM DER, 295 FT LEFT OF CENTERLINE, UP TO 238 FT MSL.
TREES BEGINNING 3251 FT FROM DER, 223 FT LEFT OF CENTERLINE, UP TO 240 FT MSL.
TREE 3363 FT FROM DER, 708 FT RIGHT OF CENTERLINE, 238 FT MSL.
TREE 3556 FT FROM DER, 590 FT RIGHT OF CENTERLINE, 241 FT MSL.

NOTE: RWY 15: TERRAIN 14 FT FROM DER, 480 FT LEFT OF CENTERLINE, 134 FT MSL.
TRAVERSE WAY BEGINNING 25 FT FROM DER, 410 FT RIGHT OF CENTERLINE, UP TO 145 FT MSL.
POLE, TRAVERSE WAY BEGINNING 209 FT FROM DER, 323 FT RIGHT OF CENTERLINE, UP TO 164 FT MSL.
TREE 260 FT FROM DER, 283 FT LEFT OF CENTERLINE, 177 FT MSL.
TREES BEGINNING 265 FT FROM DER, 459 FT RIGHT OF CENTERLINE, UP TO 170 FT MSL.
TREE 382 FT FROM DER, 529 FT LEFT OF CENTERLINE, 198 FT MSL.
TREES, ELECTRICAL SYSTEM BEGINNING 412 FT FROM DER, 359 FT RIGHT OF CENTERLINE, UP TO 192 FT MSL.
TREES, ELECTRICAL SYSTEM BEGINNING 540 FT FROM DER, 328 FT RIGHT OF CENTERLINE, UP TO 197 FT MSL.
TREES BEGINNING 550 FT FROM DER, 291 FT LEFT OF CENTERLINE, UP TO 208 FT MSL.
TREES BEGINNING 607 FT FROM DER, 327 FT LEFT OF CENTERLINE, UP TO 210 FT MSL.
TREE, ELECTRICAL SYSTEM BEGINNING 641 FT FROM DER, 637 FT RIGHT OF CENTERLINE, UP TO 199 FT MSL.
TREES BEGINNING 769 FT FROM DER, 440 FT RIGHT OF CENTERLINE, UP TO 203 FT MSL.
TREE 884 FT FROM DER, 408 FT RIGHT OF CENTERLINE, 204 FT MSL.
TREE 936 FT FROM DER, 565 FT RIGHT OF CENTERLINE, 211 FT MSL.
TREES, POLES BEGINNING 977 FT FROM DER, 4 FT RIGHT OF CENTERLINE, UP TO 222 FT MSL.
TREES BEGINNING 1165 FT FROM DER, 3 FT LEFT OF CENTERLINE, UP TO 86 FT AGL/217 FT MSL.
TREES BEGINNING 2064 FT FROM DER, 59 FT RIGHT OF CENTERLINE, UP TO 79 FT AGL/225 FT MSL.
TREES BEGINNING 2221 FT FROM DER, 625 FT LEFT OF CENTERLINE, UP TO 223 FT MSL.
TREES BEGINNING 2463 FT FROM DER, 738 FT LEFT OF CENTERLINE, UP TO 103 FT AGL/228 FT MSL.
TREES BEGINNING 2520 FT FROM DER, 758 FT LEFT OF CENTERLINE, UP TO 95 FT AGL/230 FT MSL.
TREE 3780 FT FROM DER, 1160 FT LEFT OF CENTERLINE, 71 FT AGL/232 FT MSL.
TREE 3860 FT FROM DER, 1237 FT LEFT OF CENTERLINE, 76 FT AGL/235 FT MSL.
TREE 4028 FT FROM DER, 1048 FT LEFT OF CENTERLINE, 68 FT AGL/239 FT MSL.
TREES BEGINNING 4039 FT FROM DER, 1146 FT LEFT OF CENTERLINE, UP TO 75 FT AGL/242 FT MSL.
TREES BEGINNING 4187 FT FROM DER, 1294 FT LEFT OF CENTERLINE, UP TO 83 FT AGL/245 FT MSL.
TREE 4283 FT FROM DER, 1572 FT LEFT OF CENTERLINE, 86 FT AGL/246 FT MSL.
TREES BEGINNING 4557 FT FROM DER, 737 FT RIGHT OF CENTERLINE, UP TO 74 FT AGL/252 FT MSL.
TREE 4558 FT FROM DER, 117 FT LEFT OF CENTERLINE, 71 FT AGL/249 FT MSL.
TREES BEGINNING 4594 FT FROM DER, 12 FT LEFT OF CENTERLINE, UP TO 72 FT AGL/257 FT MSL.
TREE 4631 FT FROM DER, 180 FT RIGHT OF CENTERLINE, 84 FT AGL/253 FT MSL.
TREES BEGINNING 4655 FT FROM DER, 78 FT RIGHT OF CENTERLINE, UP TO 83 FT AGL/256 FT MSL.
TREE 4689 FT FROM DER, 96 FT LEFT OF CENTERLINE, 75 FT AGL/261 FT MSL.
TREES BEGINNING 4708 FT FROM DER, 83 FT LEFT OF CENTERLINE, UP TO 79 FT AGL/266 FT MSL.
TREE 4741 FT FROM DER, 519 FT RIGHT OF CENTERLINE, 82 FT AGL/259 FT MSL.
TREE 4777 FT FROM DER, 430 FT RIGHT OF CENTERLINE, 85 FT AGL/260 FT MSL.



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TREES BEGINNING 4786 FT FROM DER, 17 FT RIGHT OF CENTERLINE, UP TO 80 FT AGL/261 FT MSL.
TREES BEGINNING 4790 FT FROM DER, 86 FT RIGHT OF CENTERLINE, UP TO 89 FT AGL/263 FT MSL.

NOTE: RWY 24: ELECTRICAL SYSTEM 5 FT FROM DER, 10 FT RIGHT OF CENTERLINE, 1 FT AGL/136 FT MSL.
POLES, TREE BEGINNING 806 FT FROM DER, 613 FT RIGHT OF CENTERLINE, UP TO 56 FT AGL/186 FT MSL.
TREES, POLE BEGINNING 1432 FT FROM DER, 549 FT RIGHT OF CENTERLINE, UP TO 201 FT MSL.
TREE 1504 FT FROM DER, 887 FT LEFT OF CENTERLINE, 190 FT MSL.
TREE 1835 FT FROM DER, 917 FT LEFT OF CENTERLINE, 194 FT MSL.
TREE 1879 FT FROM DER, 897 FT RIGHT OF CENTERLINE, 204 FT MSL.
TREES BEGINNING 1903 FT FROM DER, 489 FT RIGHT OF CENTERLINE, UP TO 207 FT MSL.
TREES BEGINNING 1941 FT FROM DER, 910 FT LEFT OF CENTERLINE, UP TO 197 FT MSL.
TREE 2202 FT FROM DER, 994 FT LEFT OF CENTERLINE, 207 FT MSL.
TREES BEGINNING 2226 FT FROM DER, 523 FT LEFT OF CENTERLINE, UP TO 208 FT MSL.
TREE 2298 FT FROM DER, 588 FT RIGHT OF CENTERLINE, 208 FT MSL.
TREES BEGINNING 2299 FT FROM DER, 478 FT RIGHT OF CENTERLINE, UP TO 209 FT MSL.
TREES BEGINNING 2500 FT FROM DER, 402 FT RIGHT OF CENTERLINE, UP TO 211 FT MSL.
TREE 2594 FT FROM DER, 597 FT LEFT OF CENTERLINE, 212 FT MSL.
TREES BEGINNING 2649 FT FROM DER, 572 FT LEFT OF CENTERLINE, UP TO 213 FT MSL.
TREES BEGINNING 2940 FT FROM DER, 606 FT RIGHT OF CENTERLINE, UP TO 213 FT MSL.
TREE 3057 FT FROM DER, 476 FT RIGHT OF CENTERLINE, 217 FT MSL.

NOTE: RWY 33: POLE, TRAVERSE WAY BEGINNING 1 FT FROM DER, 254 FT LEFT OF CENTERLINE, UP TO 20 FT AGL/162 FT MSL.
TERRAIN 22 FT FROM DER, 238 FT RIGHT OF CENTERLINE, 146 FT MSL.
POLE, TRAVERSE WAY, TREES BEGINNING 72 FT FROM DER, 267 FT LEFT OF CENTERLINE, UP TO 38 FT AGL/180 FT MSL.
STACKS, BUILDINGS BEGINNING 123 FT FROM DER, 337 FT RIGHT OF CENTERLINE, UP TO 20 FT AGL/167 FT MSL.
BUILDINGS, STACK BEGINNING 267 FT FROM DER, 301 FT RIGHT OF CENTERLINE, UP TO 168 FT MSL.
POLES, ELECTRICAL SYSTEM BEGINNING 595 FT FROM DER, 457 FT RIGHT OF CENTERLINE, UP TO 36 FT AGL/178 FT MSL.
TREES, ELECTRICAL SYSTEM, POLE BEGINNING 699 FT FROM DER, 68 FT LEFT OF CENTERLINE, UP TO 47 FT AGL/189 FT MSL.
TREES, ELECTRICAL SYSTEM, BUILDINGS, POLES BEGINNING 699 FT FROM DER, 56 FT RIGHT OF CENTERLINE, UP TO 72 FT AGL/211 FT MSL.
TREE 785 FT FROM DER, 576 FT LEFT OF CENTERLINE, 202 FT MSL.
TREES BEGINNING 797 FT FROM DER, 133 FT LEFT OF CENTERLINE, UP TO 67 FT AGL/210 FT MSL.
TREES BEGINNING 828 FT FROM DER, 430 FT LEFT OF CENTERLINE, UP TO 70 FT AGL/215 FT MSL.
TREES, POLE BEGINNING 877 FT FROM DER, 16 FT LEFT OF CENTERLINE, UP TO 76 FT AGL/221 FT MSL.
TREE 920 FT FROM DER, 525 FT RIGHT OF CENTERLINE, 74 FT AGL/218 FT MSL.
TREES, POLES BEGINNING 929 FT FROM DER, 9 FT RIGHT OF CENTERLINE, UP TO 77 FT AGL/223 FT MSL.
TREES BEGINNING 2182 FT FROM DER, 558 FT RIGHT OF CENTERLINE, UP TO 73 FT AGL/234 FT MSL.
TREES BEGINNING 2362 FT FROM DER, 153 FT LEFT OF CENTERLINE, UP TO 81 FT AGL/223 FT MSL.
TREES BEGINNING 2375 FT FROM DER, 106 FT LEFT OF CENTERLINE, UP TO 76 FT AGL/227 FT MSL.
TREES, ELECTRICAL SYSTEM BEGINNING 2378 FT FROM DER, 11 FT RIGHT OF CENTERLINE, UP TO 82 FT AGL/240 FT MSL.
TREES, POLE BEGINNING 2491 FT FROM DER, 23 FT RIGHT OF CENTERLINE, UP TO 77 FT AGL/242 FT MSL.
TREES BEGINNING 2508 FT FROM DER, 25 FT LEFT OF CENTERLINE, UP TO 85 FT AGL/238 FT MSL.
TREES BEGINNING 3543 FT FROM DER, 38 FT LEFT OF CENTERLINE, UP TO 106 FT AGL/242 FT MSL.

CONTROLLING OBSTACLES:

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 6: 749 FT MSL TOWER 0415744.00N/0704257.00W.

REMARKS:

FLIGHT INSPECTED BY:

RUSSELL P ELLIOTT

Digitally signed by

JULIE A MORGAN **OFFICE SYMBOL:**

Mar 30, 2018

FICO

DATE:

3/29/18

DEVELOPED BY:

DEZ SILAGYI (DARREN HOOPER)

Digitally signed by

JULIE A MORGAN **OFFICE SYMBOL:**

Mar 30, 2018

AJV-5421

DATE:

02/28/2018

APPROVED BY:

JULIE A. MORGAN

Digitally signed by

JULIE A MORGAN **OFFICE SYMBOL:**

Mar 30, 2018

AJV-5420

DATE:



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REQUIRED EFFECTIVE DATE:
ROUTINE

COORDINATED WITH:

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

OTHER:
ZBW, BOS APP CON, AIRPORT MANAGER

CHANGES - REASONS:

1. CHANGED RWY 6 TAKEOFF MINIMUMS FROM "300-1 OR STANDARD WITH MINIMUM CLIMB OF 390 FT PER NM TO 500" TO "STANDARD" - NEW OBSTACLE EVALUATION COMPLETED.
2. CHANGED RWY 15 TAKEOFF MINIMUMS FROM "300-1" TO "STANDARD" - NEW OBSTACLE EVALUATION COMPLETED.
3. CHANGED RWY 24 TAKEOFF MINIMUMS FROM "300-1 OR STANDARD WITH MINIMUM CLIMB OF 220 FT PER NM TO 400" TO "STANDARD" - NEW OBSTACLE EVALUATION COMPLETED.
4. CHANGED RWY 33 TAKEOFF MINIMUMS FROM "300-1 OR STANDARD WITH MINIMUM CLIMB OF 210 FT PER NM TO 400" TO "STANDARD" - NEW OBSTACLE EVALUATION COMPLETED.
5. CHANGED RWY 6 TEXTUAL DEPARTURE PROCEDURES FROM "CLIMB RUNWAY HEADING TO 900 BEFORE PROCEEDING ON COURSE" TO "CLIMB HEADING 055.55 TO 800 BEFORE TURNING LEFT" - NEW OBSTACLE EVALUATION COMPLETED AND TERMINOLOGY REPHRASED TO COMPLY WITH 8260.46F GUIDANCE.
6. TAKEOFF OBSTACLE NOTES UPDATED - NEW OBSTACLE EVALUATION COMPLETED.
7. CONTROLLING OBSTACLE UPDATED - NEW OBSTACLE EVALUATION COMPLETED.

