

**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.

AIRPORT	AIRPORT ID	CITY	STATE	AMDT NO	ACTUAL EFFECTIVE DATE
SMYRNA	KMQY	SMYRNA	TN	7	2 DECEMBER 2021

TAKEOFF MINIMUMS:
RWY 1, 14, STANDARD

RWY 19, 300-2 1/4 OR STANDARD WITH MINIMUM CLIMB OF 255 FT PER NM TO 1000, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1400 FT PRIOR TO DER.

RWY 32, 300-1 OR STANDARD WITH MINIMUM CLIMB OF 260 FT PER NM TO 800.

TEXTUAL DEPARTURE PROCEDURES:
RWY 1, CLIMB HEADING 006.13 TO 1200 BEFORE TURNING NORTHEAST.

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 01, LIGHTING 32 FT FROM DER, 120 FT RIGHT OF CENTERLINE, 2 FT AGL/523 FT MSL. LIGHTING 141 FT FROM DER, 250 FT LEFT OF CENTERLINE, 6 FT AGL/528 FT MSL. TREES BEGINNING 776 FT FROM DER, 26 FT RIGHT OF CENTERLINE, UP TO 590 FT MSL. TREE 991 FT FROM DER, 525 FT LEFT OF CENTERLINE, 564 FT MSL. TREES BEGINNING 1101 FT FROM DER, 53 FT LEFT OF CENTERLINE, UP TO 566 FT MSL. TREE 1202 FT FROM DER, 263 FT LEFT OF CENTERLINE, 568 FT MSL. TREES, BEGINNING 1241 FT FROM DER, 26 FT LEFT OF CENTERLINE, UP TO 612 FT MSL. TREES BEGINNING 1436 FT FROM DER, 20 FT RIGHT OF CENTERLINE, UP TO 601 FT MSL. TREES BEGINNING 1676 FT FROM DER, 9 FT RIGHT OF CENTERLINE, UP TO 614 FT MSL. TREES BEGINNING 2085 FT FROM DER, 816 FT RIGHT OF CENTERLINE, UP TO 615 FT MSL. TREES BEGINNING 2250 FT FROM DER, 819 FT LEFT OF CENTERLINE, UP TO 617 FT MSL.

NOTE: RWY 14, LIGHTING 9 FT FROM DER, 104 FT RIGHT OF CENTERLINE, 4 FT AGL/520 FT MSL. LIGHTING 37 FT FROM DER, 254 FT LEFT OF CENTERLINE, 4 FT AGL/520 FT MSL. TREE 1319 FT FROM DER, 808 FT LEFT OF CENTERLINE, 572 FT MSL. TREE 3208 FT FROM DER, 198 FT LEFT OF CENTERLINE, 598 FT MSL.

NOTE: RWY 19, LIGHTING 9 FT FROM DER, 125 FT RIGHT OF CENTERLINE, 3 FT AGL/521 FT MSL. LIGHTING 9 FT FROM DER, 125 FT LEFT OF CENTERLINE, 3 FT AGL/521 FT MSL. POLE 1468 FT FROM DER, 139 FT LEFT OF CENTERLINE, 23 FT AGL/556 FT MSL. POLE 1473 FT FROM DER, 40 FT LEFT OF CENTERLINE, 26 FT AGL/558 FT MSL. TRANSMISSION LINE, POLE, TREES BEGINNING 1547 FT FROM DER, 24 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/580 FT MSL. POLE 1594 FT FROM DER, 122 FT LEFT OF CENTERLINE, 33 FT AGL/566 FT MSL. TREE 1647 FT FROM DER, 251 FT LEFT OF CENTERLINE, 577 FT MSL. TREES, POLE BEGINNING 1690 FT FROM DER, 18 FT LEFT OF CENTERLINE, UP TO 609 FT MSL. TREE 1786 FT FROM DER, 79 FT RIGHT OF CENTERLINE, 590 FT MSL. TREES BEGINNING 1846 FT FROM DER, 293 FT RIGHT OF CENTERLINE, UP TO 596 FT MSL. TREE 1900 FT FROM DER, 571 FT LEFT OF CENTERLINE, 619 FT MSL. TREES BEGINNING 1973 FT FROM DER, 20 FT LEFT OF CENTERLINE, UP TO 626 FT MSL. TREE 2038 FT FROM DER, 843 FT RIGHT OF CENTERLINE, 597 FT MSL. TREE 2057 FT FROM DER, 75 FT RIGHT OF CENTERLINE, 600 FT MSL. TREES BEGINNING 2099 FT FROM DER, 316 FT RIGHT OF CENTERLINE, UP TO 606 FT MSL. TREE 2260 FT FROM DER, 648 FT RIGHT OF CENTERLINE, 609 FT MSL. TREES BEGINNING 2271 FT FROM DER, 203 FT RIGHT OF CENTERLINE, UP TO 613 FT MSL. TREES BEGINNING 2525 FT FROM DER, 40 FT RIGHT OF CENTERLINE, UP TO 614 FT MSL. TREES BEGINNING 2973 FT FROM DER, 379 FT LEFT OF CENTERLINE, UP TO 634 FT MSL. TREES BEGINNING 3022 FT FROM DER, 28 FT LEFT OF CENTERLINE, UP TO 639 FT MSL. TREES BEGINNING 3546 FT FROM DER, 193 FT RIGHT OF CENTERLINE, UP TO 618 FT MSL. TOWER, ANTENNA BEGINNING 1.7 NM FROM DER, 2303 FT RIGHT OF CENTERLINE, UP TO 143 FT AGL/788 FT MSL.

NOTE: RWY 32, LIGHTING 10 FT FROM DER, 105 FT RIGHT OF CENTERLINE, 3 FT AGL/545 FT MSL. TREE 78 FT FROM DER, 503 FT LEFT OF CENTERLINE, 563 FT MSL. TREES BEGINNING 89 FT FROM DER, 438 FT LEFT OF CENTERLINE, UP TO 598 FT MSL. TREES BEGINNING 402 FT FROM DER, 472 FT RIGHT OF CENTERLINE, UP TO 583 FT MSL. TREE 888 FT FROM DER, 552 FT RIGHT OF CENTERLINE, 585 FT MSL. TREES BEGINNING 1067 FT FROM DER, 25 FT RIGHT OF CENTERLINE, UP TO 588 FT MSL. TREES BEGINNING 1158 FT FROM DER, 82 FT LEFT OF CENTERLINE, UP TO 600 FT MSL. TREE 1278 FT FROM DER, 86 FT RIGHT OF CENTERLINE, 593 FT MSL. TREES BEGINNING 1310 FT FROM DER, 110 FT RIGHT OF CENTERLINE, UP TO 598 FT MSL. TREE 1339 FT FROM DER, 517 FT LEFT OF CENTERLINE, 609 FT MSL. TREES BEGINNING 1346 FT FROM DER, 61 FT LEFT OF CENTERLINE, UP TO 614 FT MSL. TREES BEGINNING 1371 FT FROM DER, 221 FT RIGHT OF CENTERLINE, UP TO 599 FT MSL. TREE 1503 FT FROM DER, 208 FT RIGHT OF CENTERLINE, 601 FT MSL. TREES BEGINNING 1528 FT FROM DER, 26 FT RIGHT OF CENTERLINE, UP TO 606 FT MSL. TREES BEGINNING 1684 FT FROM DER, 7 FT LEFT OF CENTERLINE, UP TO 617 FT MSL. TREE 1995 FT FROM DER, 260 FT RIGHT OF CENTERLINE, 623 FT MSL. TREES BEGINNING 2002 FT FROM DER, 61 FT RIGHT OF CENTERLINE, UP TO 624 FT MSL. TREES BEGINNING 2082 FT FROM DER, 169 FT RIGHT OF CENTERLINE, UP TO 625 FT MSL. TREES BEGINNING 2103 FT FROM DER, 388 FT LEFT OF CENTERLINE, UP TO 620 FT MSL. TREES BEGINNING 2523 FT FROM DER, 134 FT LEFT OF CENTERLINE, UP TO 621 FT MSL. TREES BEGINNING 2540 FT FROM DER, 57 FT RIGHT OF CENTERLINE, UP TO 627 FT MSL. TREES BEGINNING 2672 FT FROM DER, 130 FT LEFT OF CENTERLINE, UP TO 625 FT MSL. TREES BEGINNING 2777 FT FROM DER, 108 FT LEFT OF CENTERLINE, UP TO 634 FT MSL. TREES BEGINNING 2880 FT FROM DER, 37 FT RIGHT OF

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CENTERLINE, UP TO 633 FT MSL. TREES BEGINNING 3052 FT FROM DER, 63 FT RIGHT OF CENTERLINE, UP TO 640 FT MSL. TREES BEGINNING 3069 FT FROM DER, 129 FT LEFT OF CENTERLINE, UP TO 635 FT MSL. TREE 3346 FT FROM DER, 290 FT RIGHT OF CENTERLINE, 641 FT MSL. TREES BEGINNING 3409 FT FROM DER, 186 FT LEFT OF CENTERLINE, UP TO 637 FT MSL. TREES BEGINNING 3460 FT FROM DER, 180 FT RIGHT OF CENTERLINE, UP TO 644 FT MSL. TREES BEGINNING 3549 FT FROM DER, 285 FT LEFT OF CENTERLINE, UP TO 643 FT MSL. TREES BEGINNING 3613 FT FROM DER, 181 FT LEFT OF CENTERLINE, UP TO 646 FT MSL. TREES BEGINNING 3928 FT FROM DER, 33 FT RIGHT OF CENTERLINE, UP TO 648 FT MSL. TREES BEGINNING 4083 FT FROM DER, 17 FT RIGHT OF CENTERLINE, UP TO 651 FT MSL. TREES BEGINNING 4091 FT FROM DER, 55 FT LEFT OF CENTERLINE, UP TO 657 FT MSL. TREES BEGINNING 4099 FT FROM DER, 48 FT RIGHT OF CENTERLINE, UP TO 655 FT MSL. TREES BEGINNING 4147 FT FROM DER, 28 FT LEFT OF CENTERLINE, UP TO 666 FT MSL. TREES BEGINNING 4226 FT FROM DER, 31 FT RIGHT OF CENTERLINE, UP TO 663 FT MSL. TREE 4270 FT FROM DER, 487 FT RIGHT OF CENTERLINE, 670 FT MSL. TREES BEGINNING 4425 FT FROM DER, 120 FT RIGHT OF CENTERLINE, UP TO 685 FT MSL. TREE 4436 FT FROM DER, 138 FT LEFT OF CENTERLINE, 669 FT MSL. TREES BEGINNING 4499 FT FROM DER, 28 FT RIGHT OF CENTERLINE, UP TO 686 FT MSL. TREES BEGINNING 4512 FT FROM DER, 262 FT LEFT OF CENTERLINE, UP TO 672 FT MSL. TREE 4526 FT FROM DER, 436 FT LEFT OF CENTERLINE, 678 FT MSL. TREES BEGINNING 4590 FT FROM DER, 197 FT LEFT OF CENTERLINE, UP TO 688 FT MSL. TREES BEGINNING 4594 FT FROM DER, 59 FT RIGHT OF CENTERLINE, UP TO 690 FT MSL. TREES BEGINNING 4820 FT FROM DER, 60 FT RIGHT OF CENTERLINE, UP TO 694 FT MSL. TREES, TOWER BEGINNING 4915 FT FROM DER, 34 FT LEFT OF CENTERLINE, UP TO 694 FT MSL. TREES BEGINNING 4988 FT FROM DER, 41 FT RIGHT OF CENTERLINE, UP TO 704 FT MSL. TREES BEGINNING 5145 FT FROM DER, 142 FT RIGHT OF CENTERLINE, UP TO 709 FT MSL. TREES BEGINNING 5182 FT FROM DER, 11 FT RIGHT OF CENTERLINE, UP TO 702 FT MSL.

CONTROLLING OBSTACLES:

OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: RWY 1 - 1449 FTMSL TOWER 360507.00N/0862622.00W.

RWY 19: 788 FT MSL TOWER 355821.80N/0863153.30W (CG/CGTA).

RWY 32: 704 FT MSL TREE 360143.44N/0863220.39W (CG/VIS), 709 FT MSL TREE 360144.93N/0863221.19W (CGTA/CEILING).

REMARKS:

FLIGHT INSPECTED BY	<i>Digitally signed by</i> DONALD H LANIER Sep 23, 2021	OFFICE FPO	DATE 09/21/2021
DEVELOPED BY	<i>Digitally signed by</i> NICHOLAS JACKSON Nov 25, 2020	OFFICE AJV-A431	DATE 04/21/2020
APPROVED BY	<i>Digitally signed by</i> DONALD H LANIER Sep 23, 2021	OFFICE AJV-A430	DATE TITLE MANAGER

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:**BNA APP CON, MQY ATCT, AMGR

CHANGES - REASONS:

1. RWY 19 TAKEOFF MINIMUMS UPDATED FROM "300-2 OR STANDARD WITH MINIMUM CLIMB OF 205 FT PER NM TO 900, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1300 FT PRIOR TO DER" TO READ "300-2 1/4 OR STANDARD WITH MINIMUM CLIMB OF 255 FT PER NM TO 1000, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1400 FT PRIOR TO DER" DUE TO NEW SURVEY.
2. RWY 32 TAKEOFF MINIMUMS UPDATED FROM "STANDARD" TO READ "300-1 OR STANDARD WITH MINIMUM CLIMB TO 260 FT PER NM TO 800.
3. TAKEOFF OBSTACLE NOTES UPDATED TO REFLECT ADDITIONAL OBSTACLES FROM NEW SURVEY. - UPDATED OBSTACLE DATA.
4. ADDED RWY 32 CG/CGTA/CEILING/VIS CONTROLLING OBSTRUCTIONS. - UPDATED OBSTACLE DATA.