

**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.

<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>	<u>AMDT NO</u>	<u>ACTUAL EFFECTIVE DATE</u>
ABERNATHY FIELD	KGZS	PULASKI	TN	5	

**TAKEOFF MINIMUMS:**

RWY 16: 300 - 2 1/4 OR STANDARD WITH MINIMUM CLIMB OF 300 FT PER NM TO 1100.  
RWY 34: 400 - 3 OR STANDARD WITH MINIMUM CLIMB OF 465 FT PER NM TO 1100.

**TEXTUAL DEPARTURE PROCEDURES:**

RWY 16 - CLIMB HEADING 154.93 TO 1200 BEFORE TURNING RIGHT.

**VISUAL CLIMB OVER AIRPORT:**

**TAKEOFF OBSTACLE NOTES:**

**NOTE: RWY 16,** TREES BEGINNING 60 FT FROM DER, 159 FT RIGHT OF CENTERLINE, UP TO 683 FT MSL. TREE 382 FT FROM DER, 203 FT LEFT OF CENTERLINE, 661 FT MSL. TREE 448 FT FROM DER, 216 FT LEFT OF CENTERLINE, 667 FT MSL. TREES BEGINNING 507 FT FROM DER, 407 FT LEFT OF CENTERLINE, UP TO 674 FT MSL. POLE 1066 FT FROM DER, 141 FT RIGHT OF CENTERLINE, 50 FT AGL/691 FT MSL. POLE, CRANES BEGINNING 1117 FT FROM DER, 212 FT RIGHT OF CENTERLINE, UP TO 43 FT AGL/694 FT MSL. TREES BEGINNING 1170 FT FROM DER, 587 FT LEFT OF CENTERLINE, UP TO 694 FT MSL. POLES BEGINNING 1435 FT FROM DER, 137 FT RIGHT OF CENTERLINE, UP TO 64 FT AGL/705 FT MSL. TREES BEGINNING 5236 FT FROM DER, 308 FT RIGHT OF CENTERLINE, UP TO 778 FT MSL. TREES BEGINNING 1.3 NM FROM DER, 1795 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/871 FT MSL. TREES BEGINNING 1.4 NM FROM DER, 1783 FT RIGHT OF CENTERLINE, UP TO 942 FT MSL. TREES BEGINNING 1.5 NM FROM DER, 2784 FT LEFT OF CENTERLINE, UP TO 943 FT MSL. TREES BEGINNING 1.7 NM FROM DER, 2610 FT LEFT OF CENTERLINE, UP TO 948 FT MSL.

**NOTE: RWY 34,** TREES BEGINNING 3 FT FROM DER, 189 FT LEFT OF CENTERLINE, UP TO 756 FT MSL. TREES BEGINNING 2912 FT FROM DER, 769 FT RIGHT OF CENTERLINE, UP TO 792 FT MSL. TREE 3226 FT FROM DER, 1060 FT RIGHT OF CENTERLINE, 811 FT MSL. TREES BEGINNING 3269 FT FROM DER, 536 FT RIGHT OF CENTERLINE, UP TO 814 FT MSL. TREES BEGINNING 3416 FT FROM DER, 353 FT RIGHT OF CENTERLINE, UP TO 824 FT MSL. TREES BEGINNING 3432 FT FROM DER, 540 FT LEFT OF CENTERLINE, UP TO 780 FT MSL. TREES BEGINNING 3444 FT FROM DER, 390 FT LEFT OF CENTERLINE, UP TO 782 FT MSL. TREE 3566 FT FROM DER, 701 FT LEFT OF CENTERLINE, 790 FT MSL. TREES BEGINNING 3588 FT FROM DER, 391 FT LEFT OF CENTERLINE, UP TO 802 FT MSL. TREES BEGINNING 3596 FT FROM DER, 445 FT RIGHT OF CENTERLINE, UP TO 848 FT MSL. TREES BEGINNING 3656 FT FROM DER, 847 FT LEFT OF CENTERLINE, UP TO 810 FT MSL. TREES BEGINNING 3665 FT FROM DER, 842 FT RIGHT OF CENTERLINE, UP TO 868 FT MSL. TREES BEGINNING 3749 FT FROM DER, 9 FT RIGHT OF CENTERLINE, UP TO 873 FT MSL. TREE 3826 FT FROM DER, 561 FT LEFT OF CENTERLINE, 823 FT MSL. TREES BEGINNING 3859 FT FROM DER, 856 FT LEFT OF CENTERLINE, UP TO 833 FT MSL. TREES BEGINNING 3878 FT FROM DER, 137 FT LEFT OF CENTERLINE, UP TO 841 FT MSL. TREES BEGINNING 4052 FT FROM DER, 163 FT LEFT OF CENTERLINE, UP TO 860 FT MSL. TREES BEGINNING 4080 FT FROM DER, 671 FT LEFT OF CENTERLINE, UP TO 880 FT MSL. TREES BEGINNING 4165 FT FROM DER, 427 FT RIGHT OF CENTERLINE, UP TO 883 FT MSL. TREE 4197 FT FROM DER, 377 FT RIGHT OF CENTERLINE, 887 FT MSL. TREE 4251 FT FROM DER, 17 FT LEFT OF CENTERLINE, 899 FT MSL. TREES BEGINNING 4256 FT FROM DER, 200 FT LEFT OF CENTERLINE, UP TO 916 FT MSL. TREES BEGINNING 4276 FT FROM DER, 576 FT LEFT OF CENTERLINE, UP TO 932 FT MSL. TREES BEGINNING 4278 FT FROM DER, 39 FT RIGHT OF CENTERLINE, UP TO 900 FT MSL. TREES BEGINNING 4323 FT FROM DER, 14 FT LEFT OF CENTERLINE, UP TO 938 FT MSL. TREES, TERRAIN BEGINNING 4405 FT FROM DER, 13 FT RIGHT OF CENTERLINE, UP TO 924 FT MSL. TREES BEGINNING 5268 FT FROM DER, 348 FT LEFT OF CENTERLINE, UP TO 963 FT MSL. TREES BEGINNING 5323 FT FROM DER, 417 FT LEFT OF CENTERLINE, UP TO 965 FT MSL. TREES, TOWER BEGINNING 5431 FT FROM DER, 42 FT LEFT OF CENTERLINE, UP TO 981 FT MSL. TREES BEGINNING 5484 FT FROM DER, 8 FT RIGHT OF CENTERLINE, UP TO 945 FT MSL. TREES BEGINNING 1 NM FROM DER, 29 FT RIGHT OF CENTERLINE, UP TO 960 FT MSL. TREES BEGINNING 1.1 NM FROM DER, 185 FT LEFT OF CENTERLINE, UP TO 1004 FT MSL. TREES BEGINNING 1.1 NM FROM DER, 9 FT RIGHT OF CENTERLINE, UP TO 1013 FT MSL. TREES BEGINNING 2.2 NM FROM DER, 1252 FT LEFT OF CENTERLINE, UP TO 1033 FT MSL. TREE 2.3 NM FROM DER, 2547 FT LEFT OF CENTERLINE, 1071 FT MSL.

**CONTROLLING OBSTACLES:**

RWY 16: 948 TREE 350728.33N/0870142.60W (VISIBILITY), 964 TREE 350725.34N/0870243.98W (CEILING, CG, CGTA),

RWY 34: 938 TREE 351013.16N/0870410.84W (CLIMB GRADIENT), 1029 TREE 351039.33N/0870418.48W (CGTA), 1087 TREE 351129.05N/0870540.36W (CEILING AND VISIBILITY)

**OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:**

**RWY 16:** 1069 POLE 350724.96N/0870311.01W

**REMARKS:**

<b>FLIGHT INSPECTED BY</b>	<i>Digitally signed by</i> <b>DONALD H LANIER</b>	<b>OFFICE</b>	<b>DATE</b>
MARC J. HINCK	Mar 05, 2021	FICO	12/01/2020

<b>DEVELOPED BY</b>	<i>Digitally signed by</i> <b>DONALD H LANIER</b>	<b>OFFICE</b>	<b>DATE</b>
DON LANIER (PETER GETZ)	Mar 05, 2021	AJV-A431	07/10/2020



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ABERNATHY FIELD	KGZS	PULASKI	TN	5	

<u>APPROVED BY</u>	<i>Digitally signed by</i>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
LONNIE EVERHART	<b>DONALD H LANIER</b> Mar 05, 2021	AJV-430		MANAGER

**REQUIRED EFFECTIVE DATE:**

ROUTINE

**COORDINATED WITH:**

**A4A**  **ALPA**  **AOPA**  **APA**  **HAI**  **NBAA**  **OTHER:** ZME, ARPT MGR

**CHANGES - REASONS:**

1. INCREASED CLIMB GRADIENT TO RWY 16 FROM 288 FT PER NM TO 1100 TO 300 FT PER NM TO 1100 NEW CONTROLLING OBSTRUCTION.
2. RWY 16 DEPARTURE PROCEDURE RIGHT TURNS RESTRICTED UNTIL REACHING 1200, ALLOWING EARLY LEFT TURNS - APPROVAL RECEIVED FROM ATC THROUGH FPT - INCREASED ATC DEPARTURE CAPABILITY.
3. RWY 16 DEPARTURE INSTRUCTION TO CLIMB HEADING 156 - CHANGED TO READ CLIMB ON HEADING OF 156.93 - ALIGNED COURSE WITH RWY CENTERLINE.
4. INCREASED CLIMB GRADIENT RWY 34 FROM 461 FT PER NM TO 1200 TO: 465 FT PER NM TO 1100 - NEW CONTROLLING OBSTRUCTION.
5. UPDATED TAKE-OFF OBSTACLE NOTES - NEW SURVEY

**3/4/2021: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 12/04/2020.**

**1.TAKEOFF MINIMUMS: RWY 16: FROM MINIMUM CLIMB OF 300 CLIMB TO 1100. TO RWY 16: MINIMUM CLIMB OF 300 FT PER NM TO 1100**

