

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.
AKRON, OH	AKRON FULTON INTL	13 NOVEMBER 2014	2

**TAKEOFF MINIMUMS:**

- RWY 01**, 300-1 OR STANDARD WITH MINIMUM CLIMB OF 490 FT PER NM TO 1300.
- RWY 07**, 300-1 ½ OR STANDARD WITH MINIMUM CLIMB OF 230 FT PER NM TO 1400 OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THEN 1800 FT PRIOR TO DER.
- RWY 19**, 300-1 5/8 OR STANDARD WITH MINIMUM CLIMB OF 400 FT PER NM TO 1400.
- RWY 25**, 300-1 5/8 OR STANDARD CLIMB OF 685 FT PER NM TO 1500.

**TEXTUAL DEPARTURE PROCEDURES:**

RWY 25 – CLIMB HEADING 248.97 TO 2600 BEFORE TURNING RIGHT.

**TAKEOFF OBSTACLE NOTES:**

- NOTE: RWY 01**, TREES, BUILDINGS, POLES, ANTENNAS, AND PARKING LOTS BEGINNING 68 FT FROM DER, 236 FT LEFT OF CENTERLINE, UP TO 48 FT AGL/1085 FT MSL. TREES, POLES, BUILDINGS AND ANTENNAS BEGINNING 793 FT FROM DER, 2 FT LEFT OF CENTERLINE, UP TO 99 FT AGL/1135 FT MSL. TREES, POLES, BUILDINGS, VEHICLES ON ROADS AND PARKING LOT BEGINNING 286 FT FROM DER, 132 FT RIGHT OF CENTERLINE, UP TO 78 FT AGL/1121 FT MSL. TREES, POLES AND BUILDINGS BEGINNING 1481 FT FROM DER, 5 FT RIGHT OF CENTERLINE, UP TO 99 FT AGL/1210 FT MSL.
- NOTE: RWY 07**, RISING TERRAIN BEGINNING 45 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, 1119 FT MSL. VEHICLES ON ROADS AND PARKING LOT, TREES, FENCES, BUSHES AND POLES BEGINNING 62 FT FROM DER, 10 FT RIGHT OF CENTERLINE, UP TO 21 FT AGL/1127 FT MSL. VEHICLES ON ROAD AND PARKING LOT, TREES, FENCES, SIGNS, BUILDINGS AND POLES BEGINNING 1459 FT FROM DER, 4 FT RIGHT OF CENTERLINE, UP TO 69 FT AGL/1258 FT MSL. VEHICLES ON ROADS, TREES, FENCES AND POLES BEGINNING 251 FT FROM DER, 318 FT LEFT OF CENTERLINE, UP TO 48 FT AGL/1134 FT MSL. VEHICLES ON ROADS, TREES, FENCES, ANTENNAS AND POLES BEGINNING 692 FT FROM DER, ON CENTERLINE AND LEFT OF CENTERLINE, UP TO 93 FT AGL/1213 FT MSL.
- NOTE: RWY 19**, RISING TERRAIN BEGINNING 3 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 1183 FT MSL. TREES, POLES, VEHICLES, FENCES, AND GOALPOST BEGINNING 119 FT FROM DER, 36 FT LEFT OF CENTERLINE, UP TO 30 FT AGL/1082 FT MSL. TREES, BUILDINGS, POLES, VEHICLES, TRAFFIC LIGHTS AND PARKING LOTS BEGINNING 1019 FT FROM DER, 4 FT LEFT OF CENTERLINE, UP TO 83 FT AGL/1192 FT MSL. TREES, POLES, AND BUILDINGS BEGINNING 3940 FT FROM DER, 1 FT LEFT OF CENTERLINE, UP TO 102 FT AGL/1260 FT MSL. TREES, BUILDINGS AND LIGHTS BEGINNING 681 FT FROM DER, 431 FT RIGHT OF CENTERLINE, UP TO 70 FT AGL/1115 FT MSL. TREES, TOWERS, LIGHTS, BUILDINGS, FENCES, POLES AND VEHICLES ON ROAD BEGINNING 1690 FT FROM DER, 3 FT RIGHT OF CENTERLINE, UP TO 99 FT AGL, 1262 FT MSL.
- NOTE: RWY 25**, RISING TERRAIN BEGINNING 70 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 1177 FT MSL. RAILROAD TRACK WITH TRAIN BEGINNING 66 FT FROM DER, CROSSING CENTERLINE RIGHT TO LEFT, 23 FT AGL/1096 FT MSL. TREES, FENCES AND VEHICLES ON ROADS BEGINNING 53 FT FROM DER, 352 FT RIGHT OF CENTERLINE, UP TO 71 FT AGL/1165 FT MSL. TREES, BUSHES, POLES, LIGHTS, ANTENNAS, FENCES, VEHICLES ON ROADS AND PARKING LOTS BEGINNING 1405 FT FROM DER, 5 FT RIGHT OF CENTERLINE, UP TO 102 FT AGL/1229 FT MSL. TREES BEGINNING 503 FT FROM DER, 375 FT LEFT OF CENTERLINE, UP TO 77 FT AGL/1157 FT MSL. TREES, BUSHES, POLES, FENCES AND VEHICLES ON ROAD BEGINNING 1293 FT FROM DER, ON CENTERLINE AND LEFT OF CENTERLINE, UP TO 106 FT AGL/1227 FT MSL. TOWERS AND ANTENNA BEGINNING 1.4 NM FROM DER, 216 FT LEFT OF CENTERLINE, UP TO 309 FT AGL/1343 FT MSL.

**CONTROLLING OBSTACLES:**

- RWY 01: 1203 MSL TREE 410252.42N/0812738.59W
- RWY 07: 1258 MSL TREE 410256.21N/0812602.75W, 1254 MSL TREE 410301.94N/0812558.12W
- RWY 19: 1203 MSL TREE 410132.32N/0812755.24W, 1255 MSL TREE 410041.67N/0812741.48W
- RWY 25: 1221 MSL TREE 410200.11N/0812906.02W, 1342 MSL TOWER 410119.00N/0813014.00W

OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: RWY 25 – 2049 FT MSL TOWER 410320.19N/0813537.43W.

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**REMARKS:**

**FLIGHT INSPECTED BY:**

Christopher Gottwald

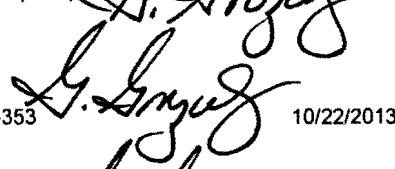
*for*  2/24/14

**REQUIRED EFFECTIVE DATE:**

ROUTINE

**DEVELOPED BY:**

JILL OLSON  
(BRIAN BERUBEE)

*for*  10/22/2013  
AJV-353

**APPROVED BY:**

DEB COPELAND

*for*  AUG 20 2014  
AJV-353

**COORDINATED WITH:**

ALPA, AOPA, NBAA, ZOB, CAK APP CON, AMGR

**CHANGES:**

1. CHARTED LOW CLOSE IN OBSTACLES
2. ASSIGNED CLIMB GRADIENTS TO EACH RUNWAY
3. DELETED TEXTUAL DEPARTURE PROCEDURE FOR RWY 01
4. REVISED CLIMB TO ALTITUDE FOR RWY 25 TEXTUAL DEPARTURE PROCEDURE
5. ADDED COURSE HEADING TO RWY 25 TEXTUAL DEPARTURE PROCEDURE

**REASONS:**

1. LOW CLOSE IN OBSTACLE REQUIRE CHARTING
2. 8260.46D, TBL 1, 3a
3. TEXTUAL DEPARTURE NO LONGER REQUIRED
4. OBSTACLES IN THE DIVERSE "A" AREA REQUIRED MITIGATION
5. 8260.46D, APPENDIX D, 7(a)1