

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.
SYLACAUGA, AL	MERKEL FIELD SYLACAUGA MUNI	18 SEPTEMBER 2014	3

TAKEOFF MINIMUMS:

RWY 9: 300-1 ¼ OR STANDARD WITH MINIMUM CLIMB OF 308 FT PER NM TO 900.

RWY 27: 200-1 ½ OR STANDARD WITH MINIMUM CLIMB OF 645 FT PER NM TO 800.

TEXTUAL DEPARTURE PROCEDURES:

RWY 9 - CLIMB HEADING 078.54 TO 2100 BEFORE TURNING RIGHT.

RWY 27 - CLIMB HEADING 258.55 TO 1400 BEFORE TURNING RIGHT.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 9, TREES BEGINNING 42 FT FROM DER, 261 FT RIGHT OF CENTERLINE, UP TO 33 FT AGL/573 FT MSL. MULTIPLE POLES BEGINNING 205 FT FROM DER, 340 FT RIGHT OF CENTERLINE, UP TO 39 FT AGL/579 FT MSL. VEHICLE ON ROAD 446 FT FROM DER, 456 FT RIGHT OF CENTERLINE, 15 FT AGL/462 FT MSL. TREES BEGINNING 774 FT FROM DER, 418 FT RIGHT OF CENTERLINE, UP TO 69 FT AGL/609 FT MSL. TREES BEGINNING 2435 FT FROM DER, 313 FT RIGHT OF CENTERLINE, UP TO 63 FT AGL/613 FT MSL.

NOTE: RWY 27, TREE 32 FT FROM DER, 373 FT RIGHT OF CENTERLINE, 3 FT AGL/583 FT MSL. TERRAIN 196 FT FROM DER, 400 FT RIGHT OF CENTERLINE, 585 FT MSL. POLE 386 FROM DER, 592 FT RIGHT OF CENTERLINE, 42 FT AGL/622 FT MSL. VEHICLE ON ROAD BEGINNING 425 FT FROM DER, 146 FT RIGHT OF CENTERLINE, UP TO 15 FT AGL/618 FT MSL. TREES BEGINNING 814 FROM DER, 93 FT RIGHT OF CENTERLINE, UP TO 76 FT AGL/716 FT MSL. TERRAIN 1058 FT FROM DER, 568 FT RIGHT OF CENTERLINE, 617 FT MSL. TREES BEGINNING 4723 FT FROM DER, 531 FT RIGHT OF CENTERLINE, UP TO 58 FT AGL/718 FT MSL. TREES BEGINNING 18 FT FROM DER, 490 FT LEFT OF CENTERLINE, UP TO 36 FT AGL/616 FT MSL. VEHICLE ON ROAD 84 FT FROM DER, 173 FT LEFT OF CENTERLINE, UP TO 15 FT AGL/581 FT MSL. TREES BEGINNING 1070 FT FROM DER, 415 LEFT OF CENTERLINE, UP TO 81 FT AGL/621 FT MSL. TREES BEGINNING 2309 FT FROM DER, 9 FT LEFT OF CENTERLINE, UP TO 66 FT AGL/646 FT MSL. TREES BEGINNING 4059 FT FROM DER, 613 FT LEFT OF CENTERLINE, UP TO 77 FT AGL/737 FT MSL. TREES 1.1 NM FROM DER LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/738 FT MSL.

CONTROLLING OBSTACLES:

RWY 9: 799 FT MSL TREE 330956.59N/0861634.14W.

RWY 27: 736 FT MSL TREE 331028.93N/0861915.22W, 738 FT MSL TREE 331020.14N/0862011.10W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY9 – 1685 FT MSL AAO 330902.84N/0860939.93W, 1725 FT MSL AAO 330927.38N/0860901.87W. RWY 27 – 1379 FT MSL TREE 331251.97N/0862050.68W, 1200 FT MSL AAO 331128.54N/0862324.94W.

REMARKS:



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SYLACAUGA, AL	MERKEL FIELD SYLACAUGA MUNI	18 SEPTEMBER 2014	3

FLIGHT INSPECTED BY:

Michael G. Hustak

4-1-14

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

BRIAN M. SHAFFER

AJV-352

11/30/12

APPROVED BY:

SUSAN CRUMB

AJV-352

APR 10 2014

COORDINATED WITH:

ALPA, ATA, AOPA, APA, NBAA, BHM APP/DEP CON, AMGR, EASTERN FPT.

CHANGES:

1. CHANGED RWY 9 TAKEOFF MINIMUMS FROM: STANDARD. TO: 300-1 ¼ OR STANDARD WITH MINIMUM CLIMB OF 308 FT PER NM TO 900.
2. ADDED RWY 9 DEPARTURE PROCEDURE: CLIMB HEADING 078.54 TO 2100 BEFORE TURNING RIGHT.
3. CHANGED RWY 27 TAKEOFF MINIMUMS FROM: 300-2. TO: 200-1 ½ OR STANDARD WITH MINIMUM CLIMB OF 645 FT PER NM TO 800.
4. CHANGED RWY 27 DEPARTURE PROCEDURE FROM: CLIMB RUNWAY HEADING TO 1500, THEN CLIMB ON COURSE. TO: CLIMB HEADING 258.55 TO 1400 BEFORE TURNING RIGHT.

REASONS:

1. 8260.46D, APPENDIX D. SECTION 1. PARA 6C/TABLE 1. 799' MSL TREE PENETRATION REQUIRES 308 FT PER NM CLIMB GRADIENT TO 900'. CEILING AND VISIBILITY ADDED TO MITIGATE SAME OBSTACLE.
2. 8260.46D, APPENDIX D. SECTION 1. PARA 7a(1)/TABLE 1. ROUTE ADDED TO MITIGATE 1685' MSL AND 1725' MSL AAO PENETRATIONS. 1685' MSL OBSTACLE IS THE GREATEST PENETRATION AND 1725' MSL OBSTACLE IS FARTHEST NORTH REQUIRING TURN OF 15 DEGREES.
3. 8260.46D, APPENDIX D. SECTION 1. PARA 6C/TABLE 1. 645' MSL TREE (KSCDT054) REQUIRES 645 FT PER NM CLIMB GRADIENT TO 800'. CEILING AND VISIBILITY ADDED TO MITIGATE SAME OBSTACLE. CEILING AND VISIBILITY VALUES BASED ON OBSTACLE KSCDT184, 738' MSL TREE.
4. 8260.46D, APPENDIX D. SECTION 1. PARA 7a(1)/TABLE 1. ROUTE ADDED TO MITIGATE 1379' MSL TREE AND 1200' MSL AAO PENETRATIONS. 1379' MSL OBSTACLE IS THE GREATEST PENETRATION AND 1200' MSL OBSTACLE IS THE FARTHEST SOUTH REQUIRING A TURN OF 15 DEGREES.