

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.
TROY, AL	TROY MUNICIPAL AT N. KENNETH CAMPBELL FIELD	29 MAY 2014	6

TAKEOFF MINIMUMS:

RWY 7, 25, STANDARD

RWY 14, STANDARD WITH MINIMUM CLIMB OF 280 FEET PER NM TO 1200 OR 1600-2 1/2 FOR CLIMB IN VISUAL CONDITIONS.

RWY 32, STANDARD WITH MINIMUM CLIMB OF 281 FEET PER NM TO 3200 OR 1600-2 1/2 FOR CLIMB IN VISUAL CONDITIONS.

TEXTUAL DEPARTURE PROCEDURES:

RWY 7, CLIMB HEADING 073.49 TO 1000 BEFORE TURNING LEFT.

RWY 14, CLIMB HEADING 146.92 TO 1200 BEFORE TURNING RIGHT, FOR CLIMB IN VISUAL CONDITIONS: CROSS TROY MUNICIPAL AT N. KENNETH CAMPBELL FIELD AT OR ABOVE 1800 FT MSL BEFORE PROCEEDING ON COURSE. WHEN EXECUTING VCOA, NOTIFY ATC PRIOR TO DEPARTURE.

RWY 25, CLIMB HEADING 253.50 TO 1700 BEFORE TURNING RIGHT.

RWY 32, FOR CLIMB IN VISUAL CONDITIONS: CROSS TROY MUNICIPAL AT N. KENNETH CAMPBELL FIELD AT OR ABOVE 1800 FT MSL BEFORE PROCEEDING ON COURSE. WHEN EXECUTING VCOA, NOTIFY ATC PRIOR TO DEPARTURE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 7, SIGN 38 FT FROM DER, 425 FT RIGHT OF CENTERLINE, 23 FT AGL/413 FT MSL. TREES BEGINNING 297 FT FROM DER, 339 FT LEFT OF CENTERLINE, UP TO 80 FT AGL/471 FT MSL. TREES BEGINNING 802 FT FROM DER, 455 FT RIGHT OF CENTERLINE, UP TO 65 FT AGL/449 FT MSL. TREES BEGINNING 1846 FT FROM DER, 363 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/519 FT MSL.

NOTE: RWY 14, TREES BEGINNING 52 FT FROM DER, 338 FT LEFT OF CENTERLINE, UP TO 66 FT AGL/431 FT MSL. TREES BEGINNING 305 FT FROM DER, 330 FT RIGHT OF CENTERLINE, UP TO 60 FT AGL/425 FT MSL. TREES BEGINNING 548 FT FROM DER, 84 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/465 FT MSL. TREES BEGINNING 1176 FT FROM DER, 32 FT RIGHT OF CENTERLINE, UP TO 95 FT AGL/449 FT MSL. POLE AND TREES BEGINNING 1.1 NM FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/606 FT MSL.

NOTE: RWY 25, TREES BEGINNING 31 FT FROM DER, 476 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/447 FT MSL. TREES BEGINNING 119 FT FROM DER, 420 FT RIGHT OF CENTERLINE, UP TO 45 FT AGL/414 FT MSL. TREES BEGINNING 1485 FT FROM DER, 761 FT RIGHT OF CENTERLINE, UP TO 80 FT AGL/523 FT MSL. TREE 4066 FT FROM DER, 1355 FT LEFT OF CENTERLINE, 100 FT AGL/519 FT MSL.

NOTE: RWY 32, TERRAIN AND BRUSH BEGINNING 148 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 12 FT AGL/427 FT MSL. TERRAIN, BRUSH, AND TREES BEGINNING 673 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 65 FT AGL/505 FT MSL. POLE, BRUSH, AND TREES BEGINNING 1979 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/549 FT MSL.

CONTROLLING OBSTACLES:

RWY 7, 25, 32: 2467 FT MSL TOWER 315829.00N/0860944.00W.

RWY 14: 606 FT MSL TREE 315020.24N/0855916.63W. 1019 FT MSL TOWER 314826.00N/0855937.00W.

VCOA: 1019 FT MSL TOWER 314826.00N/0855937.00W, 2467 FT MSL TOWER 315829.00N/0860944.00W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 7, 25, 32: 2467 FT MSL TOWER 315829.00N/0860944.00W. RWY 14: 1019 FT MSL TOWER 314826.00N/0855937.00W.

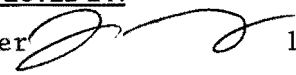
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REMARKS:

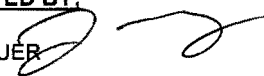
FLIGHT INSPECTED BY:

Zack Smyer  1/8/14

REQUIRED EFFECTIVE DATE:

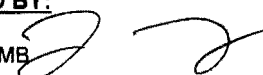
CONCURRENT

DEVELOPED BY:

DAVID SAUER  AJV-352

10/23/2013

APPROVED BY:

SUE CRUMB  AJV-352

APR 15 2014

COORDINATED WITH:

ALPA, AOPA, NBAA, ZTL, OZR APP CON, TOI ATCT, TOI AMGR

CHANGES:

1. CHANGED RWY 7 AND 25 TAKEOFF MINIMUMS FROM "300-2 OR STANDARD WITH MINIMUM CLIMB OF 280 FT PER NM TO 3200" TO "STANDARD."
2. CHANGED RWY 14 TAKEOFF MINIMUMS FROM "300-2 OR STANDARD WITH MINIMUM CLIMB OF 280 FT PER NM TO 3200" TO "STANDARD WITH MINIMUM CLIMB OF 280 FEET PER NM TO 1200 OR 1600-2 1/2 FOR CLIMB IN VISUAL CONDITIONS".
3. CHANGED RWY 32 TAKEOFF MINIMUMS FROM "300-2 OR STANDARD WITH MINIMUM CLIMB OF 280 FT PER NM TO 3200" TO "STANDARD WITH MINIMUM CLIMB OF 281 FEET PER NM TO 3200 OR 1600-2 1/2 FOR CLIMB IN VISUAL CONDITIONS".
4. CHANGED RWY 7 TEXTUAL DP FROM "CLIMB RUNWAY HEADING TO 1200 BEFORE TURNING ON COURSE" TO "CLIMB HEADING 073.49 TO 1000 BEFORE TURNING LEFT".
5. CHANGED RWY 14 TEXTUAL DP FROM "CLIMB RUNWAY HEADING TO 1200 BEFORE TURNING ON COURSE" TO "CLIMB HEADING 146.92 TO 1200 BEFORE TURNING RIGHT, FOR CLIMB IN VISUAL CONDITIONS: CROSS TROY MUNICIPAL AT N. KENNETH CAMPBELL FIELD AT OR ABOVE 1800 FT MSL BEFORE PROCEEDING ON COURSE. WHEN EXECUTING VCOA, NOTIFY ATC PRIOR TO DEPARTURE".
6. CHANGED RWY 7 TEXTUAL DP FROM "CLIMB RUNWAY HEADING TO 1200 BEFORE TURNING ON COURSE" TO "CLIMB HEADING 253.50 TO 1700 BEFORE TURNING RIGHT".
7. CHANGED RWY 32 TEXTUAL DP FROM "CLIMBING RIGHT TURN HEADING 360 TO 2500 BEFORE TURNING ON COURSE" TO "FOR CLIMB IN VISUAL CONDITIONS: CROSS TROY MUNICIPAL AT N. KENNETH CAMPBELL FIELD AT OR ABOVE 1800 FT MSL BEFORE PROCEEDING ON COURSE. WHEN EXECUTING VCOA, NOTIFY ATC PRIOR TO DEPARTURE".
8. CHANGED TAKEOFF OBSTACLES, ALL RUNWAYS.
9. UPDATED CONTROLLING OBSTACLES.

REASONS:

1. MORE DETAILED SURVEY AVAILABLE, ATC AND FPT CONCURRED LOWERING MINIMUMS.
2. MORE DETAILED SURVEY AVAILABLE, KEPT 280 FPNM CLIMB GRADIENT TO MATCH OLD PROCEDURE WHICH PROTECTED AIRCRAFT FROM 1019 MSL TOWER, MATCHED ALTITUDE TO TEXTUAL ROUTE TO REDUCE CONFUSION, ADDED VCOA IAW 8260.46D APPENDIX D, PARA 6C(3)(B). ATC AND FPT CONCURRED LOWERING MINIMUMS.
3. MORE DETAILED SURVEY AVAILABLE, OBSTACLE DRIVING CLIMB GRADIENT WAS OUTSIDE 3SM TO SEE AND AVOID. ATC AND FPT CONCURRED LOWERING MINIMUMS.
4. MORE DETAILED SURVEY AVAILABLE, ATC AND FPT CONCURRED TO REDUCE OPERATIONAL RESTRICTIONS.
5. WORDING IAW 8260.46D, APPENDIX D, PARA 7A.
6. ROUTE TO ELIMINATE CLIMB GRADIENT, WORDING IAW 8260.46D, APPENDIX D, PARA 7A.
7. NO NEED FOR ROUTE SINCE TAKEOFF MINIMUMS PROTECT AIRCRAFT FROM CONTROLLING OBSTACLE, ATC AND FPT CONCURRED TO REDUCE OPERATIONAL RESTRICTIONS. WORDING IAW 8260.46D, APPENDIX D, PARA 7A.
8. MORE DETAILED SURVEY AVAILABLE.
9. MORE DETAILED SURVEY AVAILABLE, FORMAT UPDATED IAW 8260.46D, APPENDIX D, PARA 9.

CONCURRENT WITH KTOI ILS OR LOC RWY 7, AMDT 10.