

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.
WALNUT COVE, NC	MEADOW BROOK FIELD		2

TAKEOFF MINIMUMS:

RWY 16: 500-3 OR STANDARD WITH MINIMUM CLIMB OF 324 FT PER NM TO 2000.
RWY 34: 600-3 WITH MINIMUM CLIMB OF 229 FT PER NM TO 1400 OR 1800-3 FOR CLIMB IN VISUAL CONDITIONS.

TEXTUAL DEPARTURE PROCEDURES:

RWY 16: CLIMB HEADING 165.99 TO 1400 BEFORE PROCEEDING ON COURSE.
RWY 34: CLIMB HEADING 000.99 TO 2800 BEFORE TURNING WEST OR FOR CLIMB IN VISUAL CONDITIONS: CROSS MEADOW BROOK FIELD AIRPORT AT OR ABOVE 2300 BEFORE PROCEEDING ON COURSE. WHEN EXECUTING VCOA, NOTIFY ATC PRIOR TO DEPARTURE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 16, VEHICLE ON ROAD 428 FT FROM DER, 591 FT LEFT OF CENTERLINE, UP TO 15 FT AGL/674 FT MSL. TREES BEGINNING 541 FT FROM DER, 618 FT RIGHT OF CENTERLINE, UP TO 65 FT AGL/804 FT MSL. POWERLINE 2525 FT FROM DER, 226 FT RIGHT OF CENTERLINE, 79 FT AGL/716 FT MSL. TANK 5738 FT FROM DER, 742 FT RIGHT OF CENTERLINE, 157 FT AGL/863 FT MSL. TERRAIN 1.7 NM FROM DER, 2265 FT RIGHT OF CENTERLINE, 999 FT MSL.

NOTE: RWY 34, TREE 1071 FT FROM DER, 517 FT RIGHT OF CENTERLINE, 100AGL/784MSL. TREES BEGINNING 1056 FT FROM DER, 844 FT LEFT OF CENTERLINE, UP TO 65 FT AGL/744 FT MSL. TREES 1.9 NM FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/1019 FT MSL.

CONTROLLING OBSTACLES:

RWY 16: 863 FT MSL TANK, 361657N/0800833W.

RWY 34: 1104 FT MSL AAO, 362050.35N/0801014.92W.

VCOA: 1104 FT MSL AAO, 362050.35N/0801014.92W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 16, 34 - 2779 FT MSL AAO, 362400.40N/0801655.30W.



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REMARKS:

AFS LOA APPROVED 10/30/2009 FOR NON-STANDARD DEPARTURE PROCEDURES FOR RWY 34 BASED ON TREE 1071 FT FROM DER, 517 FT RIGHT OF CENTERLINE, 100AGL/784MSL.

FLIGHT INSPECTED BY:

REQUIRED EFFECTIVE DATE:

DEVELOPED BY:

DONALD E. SMITH
(SCOTT STEVENSON) AJV-352 08/14/2012

APPROVED BY:

DARRYEL ADAMS AJV-352

COORDINATED WITH:

AOPA, NBAA, APT MGR, GSO APP CON.

CHANGES:

1. RWY 16 TAKEOFF MINIMUMS: CEILING AND VISIBILITY CHANGED FROM 400-3 TO 500-3; CLIMB GRADIENT CHANGED FROM 324 FT PER NM TO 1400 TO 324 FT PER NM TO 2000.
2. RWY 34 TAKEOFF MINIMUMS: CLIMB GRADIENT CHANGED FROM 267 FT PER NM TO 1400 TO 229 FT PER NM TO 1400.
3. ADDED 999 FT TERRAIN AT 1.7 NM FROM DER, 2265 RT OF CENTERLINE TO RWY 16 TAKEOFF OBSTACLE NOTES.
4. ADDED 784 FT TREE 1071 FT FROM DER, 517 FT RIGHT OF CENTERLINE TO RWY 34 TAKEOFF OBSTACLE NOTES.
5. CHANGED RWY 34 CONTROLLING OBSTACLES FROM 1159 FT MSL TERRAIN 362047.11N/0801000.79W, 3089 FT MSL TOWER 362237.00N/0802208.00W TO 1104 FT MSL AAO, 362050.35N/0801014.92W (CONTROLLING OBSTACLE FOR CEILING AND VIS).
6. ADDED TO VCOA NOTE TO "NOTIFY ATC PRIOR TO EXECUTING VCOA".

REASONS:

- 1-3, 5. MAP STUDY AND OBSTACLE EVALUATION.
4. OBSTACLE LISTED IN AFS LOA APPROVAL OF NON-STANDARD TAKE-OFF MINIMUMS FOR RWY 34.
6. CRITERIA. 8260.46D, APPENDIX D, SECTION 1, 7, A, 7.

