

**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.

CITY, STATE	AIRPORT	EFFECTIVE DATE	AMDT NO
MOUNT AIRY, NC	MOUNT AIRY/SURRY COUNTY	8 NOVEMBER 2018	4

TAKEOFF MINIMUMS:

RWY 18, STANDARD.

RWY 36, STANDARD WITH MINIMUM CLIMB OF 250 FT PER NM TO 3900, OR 1600-3 FOR CLIMB IN VISUAL CONDITIONS.

TEXTUAL DEPARTURE PROCEDURES:

RWY 18 - CLIMB HEADING 180.27 TO 2900 BEFORE TURNING LEFT.

RWY 36 - CLIMB HEADING 000.26 TO 2200 BEFORE PROCEEDING ON COURSE.

VISUAL CLIMB OVER AIRPORT:

RWY 36 - OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS MOUNT AIRY/SURRY COUNTY AIRPORT AT OR ABOVE 2700 MSL BEFORE PROCEEDING ON COURSE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 18, VEHICLES ON ROAD BEGINNING 50 FT FROM DER, 378 FT RIGHT OF CENTERLINE, UP TO 1222 FT MSL. TREES BEGINNING 72 FT FROM DER, 365 FT LEFT OF CENTERLINE, UP TO 1254 FT MSL. TREE 189 FT FROM DER, 498 FT RIGHT OF CENTERLINE, 1231 FT MSL. TREE 219 FT FROM DER, 528 FT RIGHT OF CENTERLINE, 1249 FT MSL. TREES BEGINNING 318 FT FROM DER, 328 FT RIGHT OF CENTERLINE, UP TO 1252 FT MSL. TREES BEGINNING 495 FT FROM DER, 354 FT LEFT OF CENTERLINE, UP TO 1259 FT MSL. TREES BEGINNING 593 FT FROM DER, 170 FT RIGHT OF CENTERLINE, UP TO 1253 FT MSL. TREES BEGINNING 1365 FT FROM DER, 329 FT RIGHT OF CENTERLINE, UP TO 1263 FT MSL. BUILDING, TREE BEGINNING 1841 FT FROM DER, 96 FT LEFT OF CENTERLINE, UP TO 47 FT AGL/1260 FT MSL. TREES BEGINNING 2091 FT FROM DER, 151 FT LEFT OF CENTERLINE, UP TO 73 FT AGL/1270 FT MSL. TREES BEGINNING 2110 FT FROM DER, 166 FT LEFT OF CENTERLINE, UP TO 77 FT AGL/1271 FT MSL. TREES BEGINNING 2134 FT FROM DER, 95 FT LEFT OF CENTERLINE, UP TO 81 FT AGL/1272 FT MSL. TREE 2668 FT FROM DER, 367 FT LEFT OF CENTERLINE, 56 FT AGL/1276 FT MSL. TREE 2680 FT FROM DER, 140 FT LEFT OF CENTERLINE, 71 FT AGL/1278 FT MSL. TREE 2683 FT FROM DER, 306 FT LEFT OF CENTERLINE, 61 FT AGL/1280 FT MSL. TREES BEGINNING 2684 FT FROM DER, 120 FT LEFT OF CENTERLINE, UP TO 1290 FT MSL. TREES BEGINNING 2716 FT FROM DER, 265 FT LEFT OF CENTERLINE, UP TO 1304 FT MSL. TREES BEGINNING 2849 FT FROM DER, 53 FT LEFT OF CENTERLINE, UP TO 89 FT AGL/1316 FT MSL. TREE 3196 FT FROM DER, 40 FT RIGHT OF CENTERLINE, 98 FT AGL/1289 FT MSL.

NOTE: RWY 36, TERRAIN 34 FT FROM DER, 428 FT LEFT OF CENTERLINE, 1279 FT MSL. TERRAIN 35 FT FROM DER, 325 FT RIGHT OF CENTERLINE, 1277 FT MSL. TERRAIN BEGINNING 94 FT FROM DER, 312 FT RIGHT OF CENTERLINE, UP TO 1285 FT MSL. TERRAIN BEGINNING 116 FT FROM DER, 390 FT LEFT OF CENTERLINE, UP TO 1287 FT MSL. FENCE BEGINNING 170 FT FROM DER, 465 FT RIGHT OF CENTERLINE, UP TO 4 FT AGL/1289 FT MSL. VEHICLES ON ROAD, POLE, TREE BEGINNING 537 FT FROM DER, 451 FT LEFT OF CENTERLINE, UP TO 1332 FT MSL. TREE 820 FT FROM DER, 580 FT LEFT OF CENTERLINE, 1344 FT MSL. BUILDING 941 FT FROM DER, 520 FT RIGHT OF CENTERLINE, 1321 FT MSL. TREES BEGINNING 987 FT FROM DER, 455 FT LEFT OF CENTERLINE, UP TO 1345 FT MSL. TREE 1151 FT FROM DER, 724 FT RIGHT OF CENTERLINE, 1327 FT MSL. TREES BEGINNING 1157 FT FROM DER, 51 FT LEFT OF CENTERLINE, UP TO 1348 FT MSL. TREES BEGINNING 1193 FT FROM DER, 14 FT RIGHT OF CENTERLINE, UP TO 1339 FT MSL. TREES, POLE BEGINNING 2211 FT FROM DER, 69 FT RIGHT OF CENTERLINE, UP TO 69 FT AGL/1340 FT MSL. TREE 2251 FT FROM DER, 201 FT RIGHT OF CENTERLINE, 74 FT AGL/1345 FT MSL.

CONTROLLING OBSTACLES:

RWY 36 - 3235 FT MSL AAO 363843.07N/0803144.48W (CLIMB GRADIENT TERMINIATION ALTITUDE), 2166 AAO 363225.15N/0803120.16W (CLIMB GRADIENT)

RWY 36 - (VCOA): 1984 FT MSL TOWER (37-003309) 363034.00N/0803029.30W (VCA), 3809 FT MSL TOWER (37-001286) 363334.00N/0804924.00W (VCOA DIVERSE)

OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: RWY 18 - 2621 FT MSL AAO 362025.13N/0802826.71W, **RWY 36** - 2166 MSL AAO 363225.15N/0803120.16W

REMARKS:



**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.

CITY, STATE	AIRPORT	EFFECTIVE DATE	AMDT NO
MOUNT AIRY, NC	MOUNT AIRY/SURRY COUNTY	8 NOVEMBER 2018	4

FLIGHT INSPECTED BY:	<i>Digitally signed by</i> BEV L BORDY Aug 17, 2018	OFFICE SYMBOL:	DATE:
JAMES HERRINGTON		FICO	8/14/18
DEVELOPED BY:	<i>Digitally signed by</i> BEV L BORDY Aug 17, 2018	OFFICE SYMBOL:	DATE:
LONNIE EVERHART (KELLIE BARNES)		AJV-5400	06/13/2018
APPROVED BY:	<i>Digitally signed by</i> BEV L BORDY Aug 17, 2018	OFFICE SYMBOL:	DATE:
LONNIE EVERHART		AJV-5400	

REQUIRED EFFECTIVE DATE:
ROUTINE

COORDINATED WITH:

A4A	ALPA	AOPA	APA	HAI	NBAA
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

OTHER:

CHANGES - REASONS:

1. UPDATED RWY 18, 36 TAKEOFF OBSTACLE NOTES - NEW OBSTACLE DATA REVIEW.
2. CONTROLLING OBSTACLE FOR RWY 36 VCOA CHANGED FROM 1939 FT MSL AAO 363108.55N/0803202.68W TO 984 FT MSL TOWER (37-003309) 363034.00N/0803029.30W (VCA), 3809 FT MSL TOWER (37-001286) 363334.00N/0804924.00W (VCOA DIVERSE)- NEW OBSTACLE DATA REVIEW.
3. RWY 36 CONTROLLING OBSTACLE CHANGED FROM 3235 FT MSL AAO TO 3235 FT MSL AAO 363843.07N/0803144.48W (CLIMB GRADIENT TERMINATION ALTITUDE), 2166 AAO 363225.15N/0803120.16W (CLIMB GRADIENT) - NEW SURVEY
4. CHANGED RWY 36 OBSTACLE MANDATING ODP DEVELOPMENT FROM 3235 FT MSL AAO TO 2166 FT MSL AAO - NEW OBSTACLE DUE TO CHANGE IN RWY 36 TEXTUAL DEPARTURE
5. UPDATED TEXTUAL DP RWY 18 FROM CLIMB HEADING 180.26 TO 3000 BEFORE TURNING LEFT TO CLIMB HEADING 180.26 TO 2900 BEFORE TURNING LEFT - 2900 CLEARS ALL CURRENT OBSTACLES
6. UPDATED TEXTUAL DP RWY 36 FROM CLIMB HEADING 000.26 TO INTERCEPT PSK R-173 TO PSK VORTAC BEFORE PROCEEDING ON COURSE TO CLIMB HEADING 000.26 TO 2200 BEFORE PROCEEDING ON COURSE - ROUTE NOT NEEDED ANY LONGER.
7. CHANGED RWY 36 TAKEOFF MINIMUMS FROM STANDARD WITH MINIMUM CLIMB OF 250 FT PER NM TO 3900, OR 2300-3 FOR CLIMB IN VISUAL CONDITIONS TO STANDARD WITH MINIMUM CLIMB OF 250 FT PER NM TO 3900, OR 1600-3 FOR CLIMB IN VISUAL CONDITIONS - NEW CONTROLLING OBSTACLES FOR VCOA
8. CHANGED VCOA FROM RWY 36 - OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS MOUNT AIRY/ SURRY COUNTY AIRPORT AT OR ABOVE 3400 MSL BEFORE PROCEEDING ON COURSE TO RWY 36 - OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS MOUNT AIRY/SURRY COUNTY AIRPORT AT OR ABOVE 2700 MSL BEFORE PROCEEDING ON COURSE - 2700 IS NOW REQUIRED TO CLEAR ALL OBSTACLES BASED ON CURRENT SURVEY DATA.

