

**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
CABOOL, MO	CABOOL MEMORIAL	8 NOVEMBER 2018	3

TAKEOFF MINIMUMS:

RWY 3: 300-1 OR STANDARD WITH MINIMUM CLIMB OF 461 FT PER NM TO 1600.

RWY 21: 500-3 OR STANDARD WITH MINIMUM CLIMB OF 578 FT PER NM TO 1600.

TEXTUAL DEPARTURE PROCEDURES:

RWY 3: CLIMB HEADING 029.79 TO 1800 BEFORE TURNING RIGHT.

RWY 21: CLIMB HEADING 209.79 TO 1900 BEFORE TURNING LEFT.

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 3: TREE 16 FT FROM DER, 312 FT RIGHT OF CENTERLINE, 1242 FT MSL. TREES BEGINNING 34 FT FROM DER, 189 FT LEFT OF CENTERLINE, UP TO 1258 FT MSL. TREES BEGINNING 68 FT FROM DER, 255 FT RIGHT OF CENTERLINE, UP TO 1271 FT MSL. TREES, TERRAIN, POLE BEGINNING 182 FT FROM DER, 12 FT RIGHT OF CENTERLINE, UP TO 103 FT AGL/1302 FT MSL. TREES, TRAVERSE WAY BEGINNING 477 FT FROM DER, 11 FT LEFT OF CENTERLINE, UP TO 1267 FT MSL. TREES BEGINNING 1478 FT FROM DER, 492 FT LEFT OF CENTERLINE, UP TO 1269 FT MSL. TREES BEGINNING 1643 FT FROM DER, 31 FT LEFT OF CENTERLINE, UP TO 1274 FT MSL. TREES BEGINNING 1745 FT FROM DER, 13 FT RIGHT OF CENTERLINE, UP TO 1309 FT MSL. TREES BEGINNING 1815 FT FROM DER, 124 FT LEFT OF CENTERLINE, UP TO 78 FT AGL/1283 FT MSL. TREES BEGINNING 2127 FT FROM DER, 37 FT LEFT OF CENTERLINE, UP TO 89 FT AGL/1284 FT MSL. TREE 3693 FT FROM DER, 1344 FT RIGHT OF CENTERLINE, 1316 FT MSL. TREES BEGINNING 3775 FT FROM DER, 1187 FT RIGHT OF CENTERLINE, UP TO 1337 FT MSL. TREES BEGINNING 3882 FT FROM DER, 891 FT RIGHT OF CENTERLINE, UP TO 1367 FT MSL. TREES BEGINNING 3977 FT FROM DER, 933 FT RIGHT OF CENTERLINE, UP TO 1376 FT MSL. TREES BEGINNING 4074 FT FROM DER, 1042 FT RIGHT OF CENTERLINE, UP TO 1398 FT MSL. TREES, TERRAIN BEGINNING 4345 FT FROM DER, 628 FT RIGHT OF CENTERLINE, UP TO 1459 FT MSL. TREES BEGINNING 5448 FT FROM DER, 1796 FT RIGHT OF CENTERLINE, UP TO 1372 FT MSL.

NOTE: RWY 21: POLE 0 FT FROM DER, 200 FT RIGHT OF CENTERLINE, 1249 FT MSL. TREES, TRAVERSE WAY BEGINNING 6 FT FROM DER, 41 FT LEFT OF CENTERLINE, UP TO 86 FT AGL/1298 FT MSL. POLE 46 FT FROM DER, 373 FT RIGHT OF CENTERLINE, 1259 FT MSL. TREES, BUILDING BEGINNING 107 FT FROM DER, 286 FT RIGHT OF CENTERLINE, UP TO 1277 FT MSL. TREES, POLE, TRAVERSE WAY BEGINNING 188 FT FROM DER, 10 FT RIGHT OF CENTERLINE, UP TO 1280 FT MSL. TREES, TRAVERSE WAY BEGINNING 342 FT FROM DER, 15 FT LEFT OF CENTERLINE, UP TO 1299 FT MSL. TREES, TERRAIN BEGINNING 450 FT FROM DER, 218 FT LEFT OF CENTERLINE, UP TO 1317 FT MSL. TREES, BUILDING, POLE, TRAVERSE WAY BEGINNING 655 FT FROM DER, 346 FT RIGHT OF CENTERLINE, UP TO 1299 FT MSL. TREES BEGINNING 841 FT FROM DER, 271 FT LEFT OF CENTERLINE, UP TO 1337 FT MSL. TREES BEGINNING 1341 FT FROM DER, 446 FT LEFT OF CENTERLINE, UP TO 1339 FT MSL. TREES BEGINNING 1436 FT FROM DER, 239 FT LEFT OF CENTERLINE, UP TO 1355 FT MSL. TREES, TRAVERSE WAY, POLE BEGINNING 1903 FT FROM DER, 419 FT RIGHT OF CENTERLINE, UP TO 1300 FT MSL. TREE 2101 FT FROM DER, 653 FT LEFT OF CENTERLINE, 1363 FT MSL. TREES BEGINNING 2133 FT FROM DER, 337 FT LEFT OF CENTERLINE, UP TO 1374 FT MSL. TREES, TERRAIN, POLE, ANTENNA BEGINNING 2326 FT FROM DER, 58 FT LEFT OF CENTERLINE, UP TO 1377 FT MSL. TREES, POLE BEGINNING 2549 FT FROM DER, 839 FT RIGHT OF CENTERLINE, UP TO 1314 FT MSL. TREES BEGINNING 3231 FT FROM DER, 1156 FT RIGHT OF CENTERLINE, UP TO 1320 FT MSL. TREES BEGINNING 3551 FT FROM DER, 1269 FT RIGHT OF CENTERLINE, UP TO 1325 FT MSL. TREE 1 NM FROM DER, 1712 FT LEFT OF CENTERLINE, 1379 FT MSL. TREES BEGINNING 1 NM FROM DER, 1542 FT LEFT OF CENTERLINE, UP TO 1400 FT MSL. TREES BEGINNING 1.5 NM FROM DER, 2823 FT LEFT OF CENTERLINE, UP TO 1460 FT MSL. TREE 1.9 NM FROM DER, 2978 FT LEFT OF CENTERLINE, 1529 FT MSL.

CONTROLLING OBSTACLES:

RWY 3: 1459 FEET MSL TREE 370837.00N/0920407.00W.

RWY 21: 1374 FEET MSL TREE 370721.62N/0920517.02W (CLIMB GRADIENT).

1679 FEET MSL AAO 370547.67N/0920602.07W (CLIMB-TO ALTITUDE) (CEILING). 1660 FEET MSL AAO 370524.76N/0920640.50W (VISIBILITY).

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: **RWY 3:** 1659 FEET MSL AAO 370905.83N/0920247.32W. **RWY 21:** 1932 FEET MSL TOWER 370520.92N/0920323.71W.

REMARKS:



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CABOOL, MO	CABOOL MEMORIAL	8 NOVEMBER 2018	3

<u>FLIGHT INSPECTED BY:</u>	<i>Digitally signed by</i> ROBERT G HAMILTON Jun 04, 2018	<u>OFFICE SYMBOL:</u>	<u>DATE:</u>
ZACH SMYER		FICO	5/9/2018

<u>DEVELOPED BY:</u>	<i>Digitally signed by</i> ROBERT G HAMILTON Jun 04, 2018	<u>OFFICE SYMBOL:</u>	<u>DATE:</u>
LONNIE EVERHART (ANDRE TUCKER)		AJV-5413	12/27/2017

<u>APPROVED BY:</u>	<i>Digitally signed by</i> ROBERT G HAMILTON Jun 04, 2018	<u>OFFICE SYMBOL:</u>	<u>DATE:</u>
LONNIE EVERHART		AJV-5400	

REQUIRED EFFECTIVE DATE:
ROUTINE

COORDINATED WITH:

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

OTHER:
ZKC, AMGR

CHANGES - REASONS:

CHANGED RWY 3 TAKEOFF MINIMUMS FROM " 300-2 1/2 OR STANDARD WITH MINIMUM CLIMB OF 453 FT PER NM TO 1700" TO "300-1 OR STANDARD WITH MINIMUM CLIMB OF 461 FT PER NM TO 1600" - OLD CONTROLLING OBSTACLE CALCULATED WITH NEW CRITERIA.

CHANGED RWY 21 TAKEOFF MINIMUMS FROM "500-3 OR STANDARD WITH MINIMUM CLIMB OF 298 FT PER NM TO 1900" TO "500-3 OR STANDARD WITH MINIMUM CLIMB OF 578 FT PER NM TO 1600" - NEW CONTROLLING OBSTACLE.

CHANGED RWY 21 ROUTING ALTITUDE FROM 2000 TO 1900 - NEW CONTROLLING OBSTACLES.

CHANGED TAKEOFF OBSTACLE NOTES - NEW TAKEOFF OBSTACLES.

5/9/18: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 12/27/17.

1. CHANGED RWY 21 TAKEOFF MINIMUMS CEILING AND VISIBILITY FROM 500-2 1/2 TO 500-3.

2. CHANGED RWY 21 TEXTUAL DEPARTURE PROCEDURE CLIMB-TO ALTITUDE FROM 1800 TO 1900.

QUALITY
4
CHECKED