

**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.

| <b>CITY, STATE</b> | <b>AIRPORT</b> | <b>EFFECTIVE DATE</b> | <b>AMDT NO</b> |
|--------------------|----------------|-----------------------|----------------|
| FAYETTEVILLE, AR   | DRAKE FIELD    | 7 DECEMBER 2017       | 7              |

**TAKEOFF MINIMUMS:**

RWY 16, 400-2 WITH MINIMUM CLIMB OF 320 FT PER NM TO 2500 OR STANDARD WITH MINIMUM CLIMB OF 530 FT PER NM TO 2000 OR 1600-3 FOR VCOA.

RWY 34, 300-1 OR STANDARD WITH MINIMUM CLIMB OF 680 FT PER NM TO 1700.

**TEXTUAL DEPARTURE PROCEDURES:**

RWY 16: CLIMB HEADING 166.95 TO 2700 BEFORE TURNING RIGHT, CLIMB HEADING 166.95 TO 3400 BEFORE TURNING LEFT.

RWY 34: CLIMB HEADING 346.95 TO 2700 BEFORE PROCEEDING ON COURSE.

**VISUAL CLIMB OVER AIRPORT:**

RWY 16: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS DRAKE FIELD AT OR ABOVE 2700 BEFORE PROCEEDING ON COURSE.

**TAKEOFF OBSTACLE NOTES:**

**NOTE:** RWY 16: TREE 73 FT FROM DER, 404 FT LEFT OF CENTERLINE, 1252 FT MSL. TREE 196 FT FROM DER, 354 FT LEFT OF CENTERLINE, 1258 FT MSL. TREES BEGINNING 833 FT FROM DER, 562 FT RIGHT OF CENTERLINE, UP TO 38 FT AGL/1269 FT MSL. TREES BEGINNING 1184 FT FROM DER, 106 FT LEFT OF CENTERLINE, UP TO 114 FT AGL/1342 FT MSL. TREE 2087 FT FROM DER, 467 FT RIGHT OF CENTERLINE, 1301 FT MSL. TREE 2104 FT FROM DER, 254 FT RIGHT OF CENTERLINE, 1309 FT MSL. TREE 2230 FT FROM DER, 869 FT RIGHT OF CENTERLINE, 1320 FT MSL. TREE 2513 FT FROM DER, 291 FT RIGHT OF CENTERLINE, 1323 FT MSL. TREES BEGINNING 2882 FT FROM DER, 12 FT RIGHT OF CENTERLINE, UP TO 103 FT AGL/1339 FT MSL. TREES BEGINNING 3024 FT FROM DER, 624 FT LEFT OF CENTERLINE, UP TO 85 FT AGL/1344 FT MSL. TREES BEGINNING 3096 FT FROM DER, 386 FT LEFT OF CENTERLINE, UP TO 94 FT AGL/1346 FT MSL. TREES BEGINNING 3599 FT FROM DER, 1166 FT LEFT OF CENTERLINE, UP TO 78 FT AGL/1362 FT MSL. TREES BEGINNING 3720 FT FROM DER, 1009 FT LEFT OF CENTERLINE, UP TO 78 FT AGL/1377 FT MSL. TREES BEGINNING 4087 FT FROM DER, 390 FT LEFT OF CENTERLINE, UP TO 61 FT AGL/1415 FT MSL. TREES BEGINNING 4646 FT FROM DER, 498 FT LEFT OF CENTERLINE, UP TO 76 FT AGL/1452 FT MSL. TREES, TERRAIN, POLES AND TRANSMISSION LINES BEGINNING 4814 FT FROM DER, 350 FT LEFT OF CENTERLINE, UP TO 67 FT AGL/1500 FT MSL. TREE AND TERRAIN BEGINNING 5093 FT FROM DER, 1319 FT LEFT OF CENTERLINE, UP TO 70 FT AGL/1522 FT MSL. TREES, TERRAIN AND BUILDINGS BEGINNING 5180 FT FROM DER, 162 FT LEFT OF CENTERLINE, UP TO 1571 FT MSL. TREES, TERRAIN, BUILDING, POLES, TRANSMISSION LINES, TOWER AND VEHICLES ON ROAD BEGINNING 5579 FT FROM DER, 165 FT LEFT OF CENTERLINE, UP TO 1606 FT MSL. TREES, TERRAIN, BUILDINGS, VEHICLES ON ROAD, POLES, FENCES AND TRANSMISSION LINE BEGINNING 1 NM FROM DER, 22 FT LEFT OF CENTERLINE, UP TO 1623 FT MSL. TREES BEGINNING 1.1 NM FROM DER, 14 FT RIGHT OF CENTERLINE, UP TO 71 FT AGL/1459 FT MSL. TREES BEGINNING 1.3 NM FROM DER, 23 FT RIGHT OF CENTERLINE, UP TO 77 FT AGL/1483 FT MSL.

**NOTE:** RWY 34: FENCE AND TERRAIN BEGINNING ON CENTERLINE, 218 FT LEFT OF CENTERLINE, UP TO 3 FT AGL/1256 FT MSL. VEHICLES ON ROAD, TERRAIN, FENCE, ELECTRICAL SYSTEM AND POLE BEGINNING 5 FT FROM DER, 197 FT LEFT OF CENTERLINE, UP TO 1269 FT MSL. TREE 659 FT FROM DER, 588 FT RIGHT OF CENTERLINE, 1280 FT MSL. TREE 1170 FT FROM DER, 690 FT RIGHT OF CENTERLINE, 42 FT AGL/1289 FT MSL. TREE 1794 FT FROM DER, 329 FT RIGHT OF CENTERLINE, 1302 FT MSL. TREE 1836 FT FROM DER, 320 FT RIGHT OF CENTERLINE, 54 FT AGL/1307 FT MSL. TREE 2308 FT FROM DER, 752 FT RIGHT OF CENTERLINE, 45 FT AGL/1321 FT MSL. TREE 2459 FT FROM DER, 279 FT LEFT OF CENTERLINE, 71 FT AGL/1323 FT MSL. TREES BEGINNING 2514 FT FROM DER, 483 FT RIGHT OF CENTERLINE, UP TO 37 FT AGL/1334 FT MSL. TREE 2590 FT FROM DER, 802 FT RIGHT OF CENTERLINE, 39 FT AGL/1336 FT MSL. TREES BEGINNING 2594 FT FROM DER, 353 FT LEFT OF CENTERLINE, UP TO 65 FT AGL/1324 FT MSL. TREES, POLE AND TRANSMISSION LINE BEGINNING 2632 FT FROM DER, 418 FT RIGHT OF CENTERLINE, UP TO 39 FT AGL/1360 FT MSL. TREE 2661 FT FROM DER, 769 FT LEFT OF CENTERLINE, 85 FT AGL/1343 FT MSL. TREES AND TERRAIN BEGINNING 2844 FT FROM DER, 562 FT RIGHT OF CENTERLINE, UP TO 38 FT AGL/1397 FT MSL. TREES, POLES, TRANSMISSION LINES AND TERRAIN BEGINNING 3057 FT FROM DER, 627 FT RIGHT OF CENTERLINE, UP TO 55 FT AGL/1445 FT MSL. TERRAIN AND TREE BEGINNING 3268 FT FROM DER, 750 FT RIGHT OF CENTERLINE, UP TO 1496 FT MSL. TREES, TERRAIN, POLES AND TRANSMISSION LINES BEGINNING 3317 FT FROM DER, 393 FT RIGHT OF CENTERLINE, UP TO 42 FT AGL/1532 FT MSL. TREES BEGINNING 4198 FT FROM DER, 1051 FT RIGHT OF CENTERLINE, UP TO 59 FT AGL/1423 FT MSL.

**CONTROLLING OBSTACLES:**

RWY 16: 1606 FT MSL TREE 355858.48N/0940930.62W (CLIMB GRADIENT), 1623 FT MSL TREE 355852.27N/0940929.69W (CEILING), 1561 FT MSL TERRAIN 355813.89N/0940918.21W (VISIBILITY), 2239 FT MSL AAO 355525.67N/0940939.17W (CLIMB-TO ALTITUDE), 2019 FT MSL AAO 355646.48N/0940817.75W (CEIL/VIS/CLIMB GRADIENT)

RWY 34: 1532 FT MSL TREE 360122.21N/0941011.02W (CLIMB GRADIENT/CEILING/CLIMB-TO ALTITUDE), 1423 FT MSL TREE 360130.62N/0941013.95W (VISIBILITY)

VCOA: 2079 FT MSL AAO 355738.20N/0940702.44W, 2334 FT MSL TOWER 360058.00N/0940500.00W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: 2018 FT MSL TOWER 360105.00N/0941309.00W, 1986 FT MSL TOWER 355837.79N/0940825.11W.



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**REMARKS:**

|                             |                                                                  |                       |              |
|-----------------------------|------------------------------------------------------------------|-----------------------|--------------|
| <b>FLIGHT INSPECTED BY:</b> | <i>Digitally signed by</i><br><b>BEV L BORDY</b><br>Aug 28, 2017 | <b>OFFICE SYMBOL:</b> | <b>DATE:</b> |
| THOMAS CONKLIN              |                                                                  | FICO                  | 8/23/17      |
| <b>DEVELOPED BY:</b>        | <i>Digitally signed by</i><br><b>BEV L BORDY</b><br>Aug 28, 2017 | <b>OFFICE SYMBOL:</b> | <b>DATE:</b> |
| BEV BORDY (CHRISTINE BAYSE) |                                                                  | AJV-5433              | 06/20/2017   |
| <b>APPROVED BY:</b>         | <i>Digitally signed by</i><br><b>BEV L BORDY</b><br>Aug 28, 2017 | <b>OFFICE SYMBOL:</b> | <b>DATE:</b> |
| PATRICK MULQUEEN            |                                                                  | AJV-5430              |              |

**REQUIRED EFFECTIVE DATE:**  
ROUTINE

**COORDINATED WITH:**

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

**OTHER:**

FYV ATCT, FSM ATCT, ZME, AIRPORT MANAGER, CENTRAL FPT

**CHANGES - REASONS:**

1. UPDATED TAKEOFF MINIMUMS RWY 16 FROM "STANDARD WITH MINIMUM CLIMB OF 514 FT PER NM TO 1800 OR 400-1 1/2 WITHIN MINIMUM CLIMB OF 364 FT PER NM TO 2500 OR 1600-2 1/2 FOR CLIMB IN VISUAL CONDITIONS" TO "400-2 WITH MINIMUM CLIMB OF 320 FT PER NM TO 2500 OR STANDARD WITH MINIMUM CLIMB OF 530 FT PER NM TO 2000 OR 1600-3 FOR VCOA"- NEW CONTROLLING OBSTACLES.
2. UPDATED TAKEOFF MINIMUMS RWY 34 FROM "300-1 OR STANDARD WITH MINIMUM CLIMB OF 677 FT PER NM TO 1700" TO "300-1 OR STANDARD WITH MINIMUM CLIMB OF 680 FT PER NM TO 1700".- NEW CONTROLLING OBSTACLES.
3. MOVED CLIMB IN VISUAL CONDITIONS INSTRUCTIONS FROM TEXTUAL DEPARTURE PROCEDURES TO VISUAL CLIMB OVER AIRPORT.- NEW FORMAT.
4. UPDATED TAKEOFF OBSTACLE NOTES.- NEW OBSTACLES.
5. UPDATED CONTROLLING OBSTACLES.- NEW CONTROLLING OBSTACLES FOUND.

QUALITY  
20  
CHECKED