



# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

INSTRUMENT APPROACH PROCEDURE CHARTS



## IFR TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

Civil Airports and Selected Military Airports

ALL USERS: Airports that have Departure Procedures (DPs) designed specifically to assist pilots in avoiding obstacles during the climb to the minimum enroute altitude, and/or airports that have civil IFR takeoff minimums other than standard, are listed below. Takeoff Minimums and Departure Procedures apply to all runways unless otherwise specified. An entry may also be listed that contains only Takeoff Obstacle Notes. Altitudes, unless otherwise indicated, are minimum altitudes in MSL.

DPs specifically designed for obstacle avoidance are referred to as Obstacle Departure Procedures (ODPs) and are textually described below, or published separately as a graphic procedure. If the ODP is published as a graphic procedure, its name will be listed below, and it can be found in either this volume (civil), or the applicable military volume, as appropriate. Users will recognize graphic obstacle DPs by the term "(OBSTACLE)" included in the procedure title; e.g., TETON TWO (OBSTACLE). If not specifically assigned an ODP, SID, or radar vector as part of an IFR clearance, an ODP may be required to be flown for obstacle clearance, even though not specifically stated in the IFR clearance. When doing so in this manner, ATC should be informed when the ODP being used contains a specified route to be flown, restrictions before turning, and/or altitude restrictions.

Some ODPs, which are established solely for obstacle avoidance, require a climb in visual conditions to cross the airport, a fix, or a NAVAID in a specified direction, at or above a specified altitude. These procedures are called Visual Climb Over Airport (VCOA). To ensure safe and efficient operations, the pilot must verbally request approval from ATC to fly the VCOA when requesting their IFR clearance.

At some locations where an ODP has been established, a diverse vector area (DVA) may be created to allow radar vectors to be used in lieu of an ODP. DVA information will state that headings will be as assigned by ATC and climb gradients, when applicable, will be published immediately following the specified departure procedure.

Graphic DPs designed by ATC to standardize traffic flows, ensure aircraft separation and enhance capacity are referred to as "Standard Instrument Departures (SIDs)". SIDs also provide obstacle clearance and are published under the appropriate airport section. ATC clearance must be received prior to flying a SID.

CIVIL USERS NOTE: Title 14 Code of Federal Regulations Part 91 prescribes standard takeoff rules and establishes takeoff minimums for certain operators as follows: (1) For aircraft, other than helicopters, having two engines or less – one statute mile visibility. (2) For aircraft having more than two engines – one-half statute mile visibility. (3) For helicopters – one-half statute mile visibility. These standard minima apply in the absence of any different minima listed below.

MILITARY USERS NOTE: Civil (nonstandard) takeoff minima are published below. For military takeoff minima, refer to appropriate service directives.

NAME	TAKEOFF MINIMUMS	NAME	TAKEOFF MINIMUMS
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### ADA, OK

#### ADA MUNI (ADH)

##### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4 17229 (FAA)

TAKEOFF MINIMUMS: **Rwy 13**, 300-1¼ or std. w/ min. climb of 270' per NM to 1300. **Rwy 18**, 300-1¼ or std. w/ min. climb of 240' per NM to 1300.

DEPARTURE PROCEDURE: **Rwy 18**, climb heading 177° to 1600 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 13**, pole, post beginning 122' from DER, 72' right of centerline, up to 4' AGL/982' MSL. Bush 315' from DER, 43' right of centerline, 988' MSL. Tower 5476' from DER, 872' left of centerline, 120' AGL/1117' MSL. Tower 5596' from DER, 1865' left of centerline, 180' AGL/1156' MSL. **Rwy 18**, trees beginning 32' from DER, 99' right of centerline, up to 1021' MSL. Tree 82' from DER, 272' left of centerline, 999' MSL. Trees beginning 150' from DER, 393' left of centerline, up to 1024' MSL. Trees beginning 196' from DER, 103' right of centerline, up to 1031' MSL. Tree 367' from DER, 368' left of centerline, 1028' MSL. Trees beginning 524' from DER, 373' left of centerline, up to 1040' MSL. Tree 973' from DER, 675' left of centerline, 1041' MSL. Antenna on pole, tnk, tank, tower beginning 1017' from DER, 449' left of centerline, up to 1053' MSL. Trees beginning 1530' from DER, 308' right of centerline, up to 1037' MSL. Tower 2672' from DER, 675' right of centerline, 106' AGL/1092' MSL. Tower, pole beginning 1 NM from DER, 1280' right of centerline, up to 165' AGL/1165' MSL.

### ADA, OK (CON'T)

#### ADA MUNI (ADH) (CON'T)

**Rwy 31**, pole, wsk beginning 15' from DER, 264' left of centerline, up to 25' AGL/1022' MSL. Pole, OL on amom beginning 1088' from DER, 548' right of centerline, up to 36' AGL/1042' MSL. Trees beginning 2565' from DER, 988' right of centerline, up to 1083' MSL. **Rwy 36**, tower, antenna beginning 55' from DER, 423' left of centerline, up to 11' AGL/1026' MSL. Trees beginning 75' from DER, 71' left of centerline, up to 1061' MSL. Tree 132' from DER, 278' right of centerline, 1020' MSL. Trees beginning 329' from DER, 267' left of centerline, up to 1065' MSL. Tree 345' from DER, 267' right of centerline, 1028' MSL. Tree 551' from DER, 261' right of centerline, 1030' MSL. Tree 927' from DER, 281' right of centerline, 1040' MSL. Tree 1011' from DER, 675' right of centerline, 1050' MSL.

01 FEB 2018 to 01 MAR 2018

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**ALMYRA, AR****ALMYRA MUNI (M73)**

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 11293 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 10**, trees beginning 735' from DER, 561' left of centerline, up to 50' AGL/248' MSL. Trees beginning 645' from DER, 208' right of centerline, up to 50' AGL/255' MSL. **Rwy 18**, trees beginning 1234' from DER, 294' right of centerline, up to 50' AGL/255' MSL. **Rwy 28**, vehicle on road 142' from DER, 527' right of centerline, 15' AGL/220' MSL. **Rwy 36**, vehicle on road 453' from DER, 41' left of centerline, 15' AGL/220' MSL. Tree 144' from DER, 487' right of centerline, 50' AGL/259' MSL.

**ALTUS, OK****ALTUS/QUARTZ MOUNTAIN RGNL (AXS)**

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 09267 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 35**, terrain 51' from DER, 410' right of centerline, 1435' MSL. Trees beginning 1215' from DER, 765' left of centerline, up to 40' AGL/1470' MSL.

**ALTUS AFB (KLTS)****ALTUS, OK**

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 1 18004

TAKEOFF OBSTACLE NOTES: 175° Assault Strip, Aircraft taxiing 87' from DER, 360' left of centerline, 65' AGL/ 1425' MSL. Aircraft taxiing between 1039' and 2317' from DER, 715' left of centerline, 65' AGL/1424' MSL.

**ALVA, OK****ALVA RGNL (AVK)**

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 2 15232 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 18**, sign 24' from DER, 252' left of centerline, 3' AGL/1471' MSL. **Rwy 36**, building 2523' from DER, 327' left of centerline, 74' AGL/1549' MSL.

**ANTLERS, OK****ANTLERS MUNI (80F)**

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 12208 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 17**, trees left and right of centerline starting 53' from DER, up to 54' AGL/624' MSL. **Rwy 35**, trees left and right of centerline starting 4' from DER, up to 82' AGL/659' MSL.

**ARDMORE, OK****ARDMORE DOWNTOWN EXECUTIVE**

(1F0)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 3 11069 (FAA)

TAKEOFF MINIMUMS: **Rwy 35**, 300-1¼ or std. w/min. climb of 344' per NM to 1200.

TAKEOFF OBSTACLE NOTES: **Rwy 17**, ground abeam DER, 110' right of centerline, up to 858' MSL. Vehicles 535' from DER, 288' right of centerline, up to 15' AGL/863' MSL. Pole 467' from DER, 366' right of centerline, 29' AGL/886' MSL. Trees beginning 239' from DER, 180' right of centerline, up to 40' AGL/880' MSL. Trees beginning 25' from DER, 449' left of centerline, up to 40' AGL/880' MSL. Vehicles 658' from DER, 311' left of centerline, up to 15' AGL/862' MSL. **Rwy 35**, trees beginning 256' from DER, 358' right of centerline, up to 52' AGL/938' MSL. Pole 671' from DER, 261' right of centerline, 28' AGL/862' MSL. Trees beginning 82' from DER, 318' left of centerline, up to 78' AGL/942' MSL. Pole 332' from DER, 198' left of centerline, 11' AGL/855' MSL. Antenna 496' from DER, 243' left of centerline, 44' AGL/894' MSL. Hopper 5781' from DER, 1444' left of centerline, 214' AGL/1091' MSL.

**ARDMORE MUNI (ADM)**

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 2 11293 (FAA)

TAKEOFF MINIMUMS: **Rwy 13**, 300-1 or std. w/min. climb of 330' per NM to 1000. **Rwy 31**, std. w/min. climb of 330' per NM to 1200. **Rwy 35**, 400-2½ or std. w/min. climb of 250' per NM to 1300.

DEPARTURE PROCEDURE: **Rwy 35**, climb heading 354° to 1400 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 13**, vehicles on road beginning 570' from DER, 626' right of centerline, up to 15' AGL/744' MSL. Trees beginning 764' from DER, 611' right of centerline, up to 75' AGL/786' MSL. Trees beginning 810' from DER, 566' left of centerline, up to 66' AGL/776' MSL. Trees beginning 3342' from DER, 876' left of centerline, up to 100' AGL/899' MSL. **Rwy 17**, tree 536' from DER, 359' right of centerline, 28' AGL/748' MSL. Trees beginning 1701' from DER, left and right of centerline, up to 100' AGL/819' MSL. **Rwy 31**, tree 292' from DER, 192' right of centerline, 72' AGL/862' MSL. Vehicles on road beginning 1281' from DER, left and right of centerline, up to 15' AGL/842' MSL. Trees beginning 1662' from DER, left and right of centerline, up to 67' AGL/890' MSL. Trees beginning 1.07 NM from DER, 612' right of centerline, up to 42' AGL/1028' MSL. Rising terrain beginning 3.22 NM from DER, left and right of centerline, up to 1199' MSL. **Rwy 35**, tree 336' from DER, 523' right of centerline, 32' AGL/782' MSL. Trees beginning 1554' from DER, left and right of centerline, up to 70' AGL/838' MSL. Trees beginning 1.72 NM from DER, 242' right of centerline, up to 38' AGL/1118' MSL.

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**ARKADELPHIA, AR**

DEXTER B. FLORENCE MEMORIAL  
FIELD (ADF)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 3 14317 (FAA)

TAKEOFF MINIMUMS: **Rwy 4**, 300-1¼ or std. w/min. climb of 237' per NM to 400, or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1900' prior to DER.

TAKEOFF OBSTACLE NOTES: **Rwy 4**, trees abeam DER, 471' left of centerline, up to 42' AGL/241' MSL. Buildings, fences, and vehicles in parking lots 8' from DER, 273' left of centerline, up to 19' AGL/201' MSL. Trees beginning 14' from DER, 257' right of centerline, up to 68' AGL/269' MSL. Sign and lights beginning 23' from DER, left and right of centerline, up to 3' AGL/183' MSL. Trees 1001' from DER, 10' left of centerline, up to 69' AGL/268' MSL. Trees beginning 1032' from DER, 3' right of centerline, up to 64' AGL/263' MSL. Trees 2018' from DER, 8' left of centerline, up to 68' AGL/267' MSL. Trees beginning 2018' from DER, 93' right of centerline, up to 74' AGL/293' MSL. Building 5532' from DER, 1298' left of centerline, 104' AGL/346' MSL. **Rwy 22**, lights beginning 38' from DER, 110' right of centerline, up to 2' AGL/182' MSL. Railroad beginning 401' from DER, 578' right of centerline, up to 23' AGL/210' MSL. Trees beginning 1810' from DER, 368' right of centerline, up to 74' AGL/275' MSL.

**ASH FLAT, AR**

SHARP COUNTY RGNL (CVK)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG 07186 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 4**, numerous trees beginning 1151' from DER, 576' right of centerline, up to 100' AGL/839' MSL. **Rwy 22**, numerous trees beginning 548' from DER, 83' left of centerline, up to 100' AGL/759' MSL.

**AUGUSTA, AR**

WOODRUFF COUNTY (M60)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG 17341 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 9**, trees beginning 714' from DER, 686' right of centerline, up to 324' MSL/125' AGL. Trees beginning 915' from DER, 230' right of centerline, up to 324' MSL/125' AGL. Trees beginning 1094' from DER, 348' left of centerline, up to 324' MSL/125' AGL. **Rwy 27**, vehicle on road 285' from DER, crossing centerline, 214' MSL/15' AGL.

**BARTLESVILLE, OK**

BARTLESVILLE MUNI (BVO)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG 07354 (FAA)

TAKEOFF MINIMUMS: **Rwy17**, 200-1 or std. w/ a min climb of 257' per NM to 1000, or alternatively, w/ standard takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 2200' prior to DER. **Rwy 35**, 400-2¼ or std. w/ a min. climb of 300' per NM to 1200, or alternatively, w/ standard takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 2000' prior to DER.

TAKEOFF OBSTACLE NOTES: **Rwy 17**, multiple trees beginning 916' from DER, 169' right of centerline, up to 100' AGL/869' MSL. **Rwy 35**, tree 2216' from DER, 441' left of centerline, 52' AGL/743' MSL. Multiple trees and power line pylons beginning 1.1 NM from DER, 180' right of centerline, up to 100' AGL/1059' MSL.

**BATESVILLE, AR**

BATESVILLE RGNL (BVX)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 3 10322 (FAA)

TAKEOFF MINIMUMS: **Rwy 8**, 300-1¼ or std. with a min. climb of 215' per NM to 800., or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1600' prior to DER. **Rwy 26**, std. with a min. climb of 272' per NM to 2000, or 1100-2½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 18**, climb heading 182° to 1300 before turning right. **Rwy 26**, for climb in visual conditions: cross Batesville RGNL at or above 1400, before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 18**, WSK 204' from DER, 516' left of centerline, 24' AGL/483' MSL. Trees beginning 1412' from DER, 25' left of centerline, up to 100' AGL/679' MSL. Poles 1092' from DER, 393' left of centerline, up to 18' AGL/497' MSL. Tower 1024' from DER, 658' right of centerline, 45' AGL/524' MSL. Trees beginning 1234' from DER, 22' right of centerline, up to 88' AGL/547' MSL. **Rwy 18**, vehicle on road beginning 544' from DER, on centerline, 15' AGL/476' MSL. Hangars beginning 605' from DER, 12' right of centerline, up to 21' AGL/484' MSL. Tree 1244' from DER, 175' left of centerline, 48' AGL/521' MSL. Tree 1439' from DER, 409' right of centerline, 45' AGL/524' MSL. **Rwy 26**, trees beginning 494' from DER, 335' left of centerline, up to 33' AGL/472' MSL. **Rwy 36**, trees beginning 256' from DER, 107' left of centerline, up to 100' AGL/539' MSL.

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## BENTON, AR

SALINE COUNTY RGNL (SUZ)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 1 16175 (FAA)

DEPARTURE PROCEDURE: **Rwy 2**, climb on heading 019° to 900 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 2**, ground 69' from DER, 450' right of centerline, 394' MSL. Tree 319' from DER, 441' right of centerline, 399' MSL. Tree 443' from DER, 437' right of centerline, 401' MSL. Tree 566' from DER, 485' right of centerline, 406' MSL. Tree 948' from DER, 375' right of centerline, 430' MSL. Trees beginning 1035' from DER, 246' right of centerline, up to 435' MSL. Trees beginning 1180' from DER, 408' right of centerline, up to 444' MSL. Trees beginning 1274' from DER, 284' right of centerline, up to 450' MSL. Trees beginning 1472' from DER, 417' right of centerline, up to 454' MSL. Terrain 185' from DER, 336' left of centerline, 394' MSL. Tree, terrain beginning 199' from DER, 330' left of centerline, up to 439' MSL. Tree 420' from DER, 354' left of centerline, 440' MSL. Trees beginning 445' from DER, 395' left of centerline, up to 460' MSL. Tree 640' from DER, 641' left of centerline, 463' MSL. Trees beginning 726' from DER, 444' left of centerline, up to 469' MSL. Trees beginning 930' from DER, 474' left of centerline, up to 472' MSL. Trees beginning 995' from DER, 732' left of centerline, up to 474' MSL. **Rwy 20**, tree 1314' from DER, 145' right of centerline, 431' MSL. Tree 1383' from DER, 279' right of centerline, 432' MSL. Pole 1397' from DER, 9' right of centerline, 71' AGL/436' MSL. Tree 1467' from DER, 293' right of centerline, 438' MSL. Tree 1561' from DER, 96' right of centerline, 439' MSL. Tree 1563' from DER, 245' right of centerline, 443' MSL. Tree 1795' from DER, 71' right of centerline, 445' MSL. Tree 1220' from DER, 45' left of centerline, 428' MSL. Trees beginning 1297' from DER, 15' left of centerline, up to 430' MSL. Tree 1556' from DER, 33' left of centerline, 431' MSL.

## BENTONVILLE, AR

BENTONVILLE MUNI/LOUISE M. THADEN  
FIELD (VBT)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 1A 13122 (FAA)

TAKEOFF MINIMUMS: **Rwy 36**, 300-2¼ or std. w/ min. climb of 311' per NM to 1700.

TAKEOFF OBSTACLE NOTES: **Rwy 18**, buildings beginning 108' from DER, 458' left of centerline, up to 15' AGL/1305' MSL. Poles and buildings beginning 588' from DER, left and right of centerline, up to 52' AGL/1342' MSL. **Rwy 36**, trees and vehicles on road beginning 162' from DER, left and right of centerline, up to 83' AGL/1354' MSL. Transmission line towers beginning 2040' from DER, right and left of centerline, up to 90' AGL/1360' MSL. Tower 4040' from DER, 968' left of centerline, 144' AGL/1446' MSL. Building 4251' from DER, 934' right of centerline, 35' AGL/1415' MSL. Tower 1.9 NM from DER, 1603' left of centerline, 345' AGL/1595' MSL.

## BERRYVILLE, AR

CARROLL COUNTY (4M1)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 11013 (FAA)

TAKEOFF MINIMUMS: **Rwy 7**, std. w/ min. climb of 355' per NM to 2700 , or 1100-2½ for climb in visual conditions. **Rwy 25**, std. w/ min. climb of 365' per NM to 2500, or 1100-2½ for climb in visual conditions. DEPARTURE PROCEDURE: **Rwys 7, 25**, For climb in visual conditions: cross Carroll County airport at or above 2200 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 7**, terrain and trees beginning 8' from DER, 118' right of centerline, up to 100' AGL/1379' MSL, hangars beginning 141' from DER, 238' left of centerline, up to 17' AGL/1218' MSL. Terrain and trees beginning 268' from DER, 77' left of centerline, up to 100' AGL/1379' MSL. **Rwy 25**, trees beginning 93' from DER, 212' right of centerline, up to 100' AGL/1419' MSL. Tree 104' from DER, 186' left of centerline, 51' AGL/1204' MSL.

## BLACKWELL, OK

BLACKWELL-TONKAWA MUNI (BKN)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 10266 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 35**, trees beginning 50' from DER, 249' left of centerline, up to 30' AGL/1050' MSL. Road with vehicles beginning 214' from DER, 397' right of centerline, up to 15' AGL/1043' MSL.

## BLYTHEVILLE, AR

ARKANSAS INTL (BYH)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 1 14345 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 36**, tree 3301' from DER, 1187' left of centerline, 88' AGL/337' MSL.

BLYTHEVILLE MUNI (HKA)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 08157 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 18**, tree 487' from DER, 345' left of centerline, 100' AGL/364' MSL. Tree 1780' from DER, 748' right of centerline, 100' AGL/364' MSL. **Rwy 36**, tree 2393' from DER, 825' right of centerline, 100' AGL/359' MSL.

## BOISE CITY, OK

BOISE CITY (17K)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 09295 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 22**, hangars 243' from DER, 226' right of centerline, 35' AGL/4212' MSL. Vehicle on road 566' from DER, right and left of centerline, up to 15' AGL/4192' MSL.

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## BRINKLEY, AR

### FRANK FEDERER MEMORIAL (M36)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 11293 (FAA)

DEPARTURE PROCEDURE: **Rwy 20**, climb heading 204° to 700 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 2**, trees beginning 425' from DER, 138' right of centerline, up to 100' AGL/299' MSL. Trees beginning 680' from DER, 262' left of centerline, up to 100' AGL/299' MSL. **Rwy 20**, trees and terrain beginning 27' from DER, 125' right of centerline, up to 100' AGL/319' MSL. Trees and terrain beginning 82' from DER, 100' left of centerline, up to 100' AGL/319' MSL.

## BRISTOW, OK

### JONES MEMORIAL (3F7)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 4A 10098 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 18**, T-L tower 3133' from DER, 686' right of centerline, 70' AGL/960' MSL.

## BURNS FLAT, OK

### CLINTON-SHERMAN (CSM)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG-A 17117 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 17L**, tree 655' from DER, 317' left of centerline, 23' AGL/1932' MSL.

**Rwy 17R**, tree 1275' from DER, 620' right of centerline, 35' AGL/1954' MSL. **Rwy 35R**, ATCT 2797' from DER, 188' right of centerline, 66' AGL/1985' MSL. Tower 3017' from DER, 296' right of centerline, 85' AGL/1996' MSL.

## BUFFALO, OK

### BUFFALO MUNI (BFK)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 10154 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 17**, vehicles on roadway, at DER, 458' right of centerline, up to 17' AGL/1816' MSL. Trees beginning 907' from DER, left and right of centerline, up to 40' AGL/1829' MSL. **Rwy 35**, vehicles on roadway, 30' from DER, 467' left of centerline, up to 17' AGL/1846' MSL. Vehicles on roadway, 776' from DER, left and right of centerline, up to 17' AGL/1846' MSL.

## CAMDEN, AR

### HARRELL FIELD (CDH)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 1 12152 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 1**, trees beginning 27' from DER, 6' right of centerline, up to 84' AGL/224' MSL. Trees beginning 163' from DER, 159' left of centerline, up to 85' AGL/255' MSL. Vehicle on road 327' from DER, 273' left of centerline, 15' AGL/146' MSL. **Rwy 19**, trees beginning 38' from DER, 88' left of centerline, up to 83' AGL/222' MSL. Trees beginning 797' from DER, 305' right of centerline, up to 84' AGL/213' MSL.

## CARLISLE, AR

### CARLISLE MUNI (4M3)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 08157 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 9**, trees 2966' from DER, 1135' right of centerline, 100' AGL/339' MSL. Building 82' from DER, 331' left of centerline, 20' AGL/264' MSL. Building 781' from DER, 565' right of centerline, 30' AGL/269' MSL. **Rwy 18**, trees 306' from DER, across centerline, up to 100' AGL/344' MSL. Road 674' from DER, across centerline, 17' AGL/262' MSL. **Rwy 27**, trees 2668' from DER, 516' right of centerline, 100' AGL/344' MSL. **Rwy 36**, road 396' from DER, across centerline, 15' AGL/259' MSL.

## CHANDLER, OK

### CHANDLER RGNL (CQB)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 1 03023 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 35**, tree 1000' from DER, on centerline, 67' AGL/1029' MSL.

## CHICKASHA, OK

### CHICKASHA MUNI (CHK)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 11181 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 18**, trees beginning 272' from DER, 103' right of centerline, up to 94' AGL/1183' MSL. Trees beginning 708' from DER, 507' left of centerline, up to 40' AGL/1169' MSL.

## CLAREMORE, OK

### CLAREMORE RGNL (GCM)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 1 18032 (FAA)

TAKEOFF MINIMUMS: **Rwy 36**, 300 - 1 ½ or std. w/min. climb of 306' per NM to 1100.

TAKEOFF OBSTACLE NOTES: **Rwy 18**, terrain 450' from DER, 505' left of centerline, 753' MSL. **Rwy 36**, tree 473' from DER, 342' left of centerline, 19' AGL/719' MSL. Tree 1103' from DER, 510' right of centerline, 27' AGL/729' MSL. Tree 1149' from DER, 478' left of centerline, 38' AGL/727' MSL. Tree 1510' from DER, 241' right of centerline, 46' AGL/735' MSL. Tree 1570' from DER, 557' right of centerline, 42' AGL/739' MSL. Tree 1 NM from DER, 1917' left of centerline, 100' AGL/949' MSL.

## CLARKSVILLE, AR

### CLARKSVILLE MUNI (H35)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 78152 (FAA)

TAKEOFF MINIMUMS: **Rwy 9**, 400-2

DEPARTURE PROCEDURE: **Rwys 9, 27**, climb on runway heading to 3500 prior to turning northbound.

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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## CLINTON, AR

### HOLLEY MOUNTAIN AIRPARK (2A2)

#### TAKEOFF MINIMUMS AND (OBSTACLE)

#### DEPARTURE PROCEDURES

ORIG 08325 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 5**, numerous trees left and right of centerline, beginning 2' from DER, up to 100' AGL/1399' MSL. **Rwy 23**, numerous trees left and right of centerline, beginning 38' from DER, up to 100' AGL/1359' MSL.

## CLINTON MUNI (CCA)

### TAKEOFF MINIMUMS AND (OBSTACLE)

#### DEPARTURE PROCEDURES

ORIG 16203 (FAA)

TAKEOFF MINIMUMS: **Rwy 31**, NA-Obstacles. **Rwy 13**, std. w/min. climb of 320' per NM to 1400 or 1800-3 for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 13**, climb heading 132° to 1400 before turning.

VCOA: Obtain ATC approval for climb in visual conditions when requesting IFR clearance. Climb in visual conditions to cross Clinton Muni at or above 2200 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 13**, bldg, fence, tree, vehicle on rd, beginning 14' from DER, 168' right of centerline, up to 19' AGL/517' MSL. Tower, ant ltd, vehicle on rd, tree, fence, pole, beginning 101' from DER, 2' right of centerline, up to 36' AGL/534' MSL. Tree 348' from DER, 114' right of centerline, 51' AGL/537' MSL. Trees, beginning 404' from DER, 47' right of centerline, up to 54' AGL/546' MSL. Trees, beginning 452' from DER, 24' left of centerline, up to 65' AGL/552' MSL. Trees, beginning 539' from DER, 259' right of centerline, up to 65' AGL/556' MSL. trees, beginning 600' from DER, 227' right of centerline, up to 78' AGL/565' MSL. Trees, beginning 614' from DER, 256' right of centerline, up to 572' MSL. Trees, beginning 749' from DER, 213' right of centerline, up to 84' AGL/573' MSL. Trees, beginning 1280' from DER, 1' right of centerline, up to 91' AGL/582' MSL. Trees, beginning 1810' from DER, 328' left of centerline, up to 75' AGL/593' MSL. Trees, beginning 1834' from DER, 95' left of centerline, up to 82' AGL/602' MSL. Tree 1880' from DER, 965' left of centerline, 55' AGL/604' MSL. Trees, beginning 1883' from DER, 61' left of centerline, up to 72' AGL/608' MSL. Trees, beginning 1902' from DER, 53' right of centerline, up to 104' AGL/619' MSL. Tree 1984' from DER, 194' left of centerline, 73' AGL/625' MSL. Trees, beginning 1987' from DER, 253' left of centerline, up to 80' AGL/636' MSL. Tree, It pole, beginning 1997' from DER, 9' right of centerline, up to 79' AGL/642' MSL. Trees, beginning 2007' from DER, 208' right of centerline, up to 643' MSL. Tree, vehicle on rd, road, pole, terrain, bldg, beginning 2019' from DER, 0' from centerline, up to 649' MSL. Tree 5104' from DER, 1513' right of centerline, 71' AGL/650' MSL. Trees, beginning 5109' from DER, 594' right of centerline, up to 73' AGL/649' MSL. Tree 5151' from DER, 396' right of centerline, 77' AGL/658' MSL. Trees, beginning 5197' from DER, 30' right of centerline, up to 78' AGL/666' MSL. Trees, beginning 5316' from DER, 130' left of centerline, up to 75' AGL/675' MSL. Trees, beginning 5384' from DER, 82' left of centerline, up to 76' AGL/683' MSL. Trees, beginning 5391' from DER, 33' left of centerline, up to 75' AGL/684' MSL. Tree, pole, beginning 5541' from DER, 23' left of centerline, up to 73' AGL/693' MSL. Trees, beginning 5705' from DER, 267' left of centerline, up to 80' AGL/703' MSL.

## CLINTON, AR (CON'T)

### CLINTON MUNI (CCA)

**Rwy 13 (CON'T)**, Tree, bldg, terrain, beginning 5791' from DER, 50' right of centerline, up to 83' AGL/709' MSL. Tree, bldg, beginning 5856' from DER, 38' left of centerline, up to 86' AGL/720' MSL. Tree, bldg, pole, beginning 5912' from DER, 373' left of centerline, up to 95' AGL/728' MSL. Trees, beginning 5955' from DER, 212' right of centerline, up to 100' AGL/729' MSL. Tree, vehicle on rd, bldg, pole, terrain, It pole, beginning 5963' from DER, 12' left of centerline, up to 104' AGL/736' MSL. Tree 1.8 NM from DER, 1680' left of centerline, 41' AGL/791' MSL. Trees, beginning 1.8 NM from DER, 1659' left of centerline, up to 41' AGL/806' MSL. Trees, beginning 1.9 NM from DER, 1656' left of centerline, up to 45' AGL/808' MSL. Tree 1.9 NM from DER, 1786' left of centerline, 49' AGL/801' MSL.

## CLINTON, OK

### CLINTON RGNL (CLK)

#### TAKEOFF MINIMUMS AND (OBSTACLE)

#### DEPARTURE PROCEDURES

AMDT 1 14149 (FAA)

TAKEOFF MINIMUMS: **Rwys 13, 31**, NA-Environmental. TAKEOFF OBSTACLE NOTES: **Rwy 17**, lights 6' from DER, left and right of centerline, 2' AGL/1596' MSL. **Rwy 35**, tree 614' from DER, 576' right of centerline, 25' AGL/1626' MSL.

## COLT, AR

### DELTA RGNL (DRP)

#### TAKEOFF MINIMUMS AND (OBSTACLE)

#### DEPARTURE PROCEDURES

ORIG 14149 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 18**, trees beginning 3044' from DER, 196' left of centerline, up to 83' AGL/312' MSL. **Rwy 36**, trees beginning 2219' from DER, 991' right of centerline, up to 78' AGL/319' MSL.

## CONWAY, AR

### CANTRELL FIELD (CXW)

#### TAKEOFF MINIMUMS AND (OBSTACLE)

#### DEPARTURE PROCEDURES

ORIG 14317 (FAA)

TAKEOFF MINIMUMS: **Rwy 22**, std. w/min. climb of 250' per NM to 680.

DEPARTURE PROCEDURE: climbing right turn heading 260° to 1300 before proceeding on course.

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## CORNING, AR

CORNING MUNI (4M9)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 11125 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 18**, power lines beginning 499' from DER, left and right of centerline, up to 30' AGL/319' MSL. Vehicles on roadway beginning 534' from DER, left and right of centerline, up to 15' AGL/309' MSL. Trees beginning 1067' from DER, 292' right of centerline, up to 100' AGL/379' MSL. **Rwy 36**, hangar 149' from DER, 399' left of centerline, 25' AGL/317' MSL. Vehicles on roadway beginning 535' from DER, left and right of centerline, up to 15' AGL/309' MSL. Power lines 552' from DER, left and right of centerline, up to 30' AGL/324' MSL. Trees beginning 1148' from DER, 793' right of centerline, up to 100' AGL/394' MSL. Trees beginning 2570' from DER, 1167' left of centerline, up to 100' AGL/394' MSL.

## CROSSETT, AR

Z M JACK STELL FIELD (CRT)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 11209 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 5**, trees beginning 1382' from DER, left and right of centerline, up to 75' AGL/259' MSL. Vehicle on road beginning 298' from DER, left and right of centerline, up to 15' AGL/199' MSL. Terrain 69' from DER, 288' left of centerline, 187' MSL. **Rwy 23**, trees beginning abeam DER, right and left of centerline, up to 75' AGL/253' MSL. Hangar, fuel tanks and shed beginning 147' from DER, 434' left of centerline, up to 17' AGL/195' MSL. Vehicle on road beginning 453' from DER, left and right of centerline, up to 15' AGL/193' MSL.

## CUSHING, OK

CUSHING MUNI (CUH)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 1A 15232 (FAA)

TAKEOFF MINIMUMS: **Rwys 2, 8, 11, 20, 26, 29, NA**. **Rwy 36**, 400-2 or std. with a min. climb of 210' per NM to 1400.

DEPARTURE PROCEDURES: **Rwy 36**, climb via heading 360° to 1400' before turning left.

TAKEOFF OBSTACLE NOTES: **Rwy 18**, trees beginning 43' from DER, 459' left of centerline, up to 50' AGL/921' MSL. Pole 341' from DER, 335' left of centerline, 36' AGL/907' MSL. NAVAID 2' from DER, 30' left of centerline, 4' AGL/879' MSL. **Rwy 36**, terrain 72' from DER, 116' right of centerline, 918' MSL. Trees beginning 83' from DER, 5' right of centerline, up to 50' AGL/965' MSL. Trees beginning 1114' from DER, 29' left of centerline, up to 50' AGL/1013' MSL. Vehicles on roadway 1050' from DER, 96' left of centerline, up to 15' AGL/951' MSL. Poles beginning 1117' from DER, 138' right of centerline, up to 22' AGL/1071' MSL. Tower 2.16 NM from DER, 5370' left of centerline, 250' AGL/1263' MSL.

## DANVILLE, AR

DANVILLE MUNI (32A)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 16315 (FAA)

TAKEOFF MINIMUMS: **Rwy 11**, std. w/min. climb of 300' per NM to 1900 or 1700-2 ½ for VCOA. **Rwy 29**, std. w/min. climb of 340' per NM to 4100 or 1700-2 ½ for VCOA. DEPARTURE PROCEDURE: **Rwy 11**, climb on heading 105° to 1400 before proceeding on course.

VCOA: **Rwy 11**, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Danville Muni at or above 1900 before proceeding on course. **Rwy 35**, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Danville Muni at or above 1900 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 11**, grd 1' from DER, 245' right of centerline, 394' MSL. Fence 1' from DER, 131' right of centerline, 5' AGL/395' MSL. Ground 1' from DER, 454' right of centerline, 404' MSL. Tree, fence, grd, beginning 3' from DER, 131' right of centerline, up to 56' AGL/464' MSL. Trees, beginning 548' from DER, 564' right of centerline, up to 64' AGL/484' MSL. Trees, beginning 774' from DER, 67' left of centerline, up to 63' AGL/435' MSL. Tree, grd, pole, fence, vehicles on road, beginning 779' from DER, 8' right of centerline, up to 66' AGL/486' MSL. Tree 1203' from DER, 698' left of centerline, 71' AGL/443' MSL. Tree 2054' from DER, 803' left of centerline, 80' AGL/452' MSL. Tree 2412' from DER, 1017' left of centerline, 77' AGL/460' MSL. Tree 2542' from DER, 986' left of centerline, 83' AGL/464' MSL. **Rwy 29**, tree, vehicles on road, beginning 3' from DER, 302' left of centerline, up to 27' AGL/395' MSL. Ground, beginning 7' from DER, 466' right of centerline, up to 372' MSL. Tree, grd, beginning 24' from DER, 144' right of centerline, up to 16' AGL/386' MSL. Tree, pole, beginning 76' from DER, 267' left of centerline, up to 65' AGL/431' MSL. Tree, vehicles on road, pole, beginning 87' from DER, 184' left of centerline, up to 95' AGL/461' MSL. Pole, tree, beginning 225' from DER, 490' right of centerline, up to 25' AGL/401' MSL. Tree, vehicles on road, pole, grd, beginning 499' from DER, 394' right of centerline, up to 52' AGL/424' MSL. Tree, vehicles on road, beginning 984' from DER, 653' right of centerline, up to 30' AGL/426' MSL. Tree, fence, beginning 1013' from DER, 537' right of centerline, up to 51' AGL/431' MSL. Tree, pole, vehicles on road, ant, beginning 1035' from DER, 457' right of centerline, up to 45' AGL/432' MSL. Tree, pole, vehicles on road, beginning 1321' from DER, 341' right of centerline, up to 62' AGL/444' MSL. Tree, vehicles on road, beginning 1886' from DER, 106' right of centerline, up to 51' AGL/445' MSL. Tree 1996' from DER, 742' right of centerline, 77' AGL/454' MSL. Tree, vehicles on road, beginning 2009' from DER, 482' right of centerline, up to 50' AGL/454' MSL. Trees, beginning 2013' from DER, 290' right of centerline, up to 80' AGL/461' MSL. Trees, beginning 2054' from DER, 115' right of centerline, up to 75' AGL/468' MSL. Trees, beginning 2236' from DER, 164' right of centerline, up to 79' AGL/469' MSL.

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## DE QUEEN, AR

J. LYNN HELMS SEVIER COUNTY (DEQ)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 1A 11069 (FAA)

TAKEOFF MINIMUMS: **Rwy 8**, 400-2 or std. w/min. climb of 378' per NM to 900.

TAKEOFF OBSTACLE NOTES: **Rwy 8**, tower 1.36 NM from DER, 1350' right of centerline, 198' AGL/598' MSL. **Rwy 26**, multiple trees and poles beginning 126' from DER, 64' left of centerline, up to 92' AGL/432' MSL. Multiple trees and pole beginning 241' from DER, 98' right of centerline, up to 96' AGL/436' MSL.

## DECATUR, AR

CRYSTAL LAKE (5M5)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 1A 15288 (FAA)

TAKEOFF MINIMUMS: **Rwy 13**, NA-obstacles.

TAKEOFF OBSTACLE NOTES: **Rwy 31**, trees beginning 107' from DER, 64' left of centerline, up to 88' AGL/1239' MSL. Pole 235' from DER, 353' left of centerline, 32' AGL/1161' MSL. Pole 241' from DER, 465' left of centerline, 31' AGL/1162' MSL. Building 1246' from DER, 519' left of centerline, 12' AGL/1187' MSL. Train 470' from DER, 322' left of centerline, 23' AGL/1202' MSL. Trees beginning 1216' from DER, 10' left of centerline, up to 103' AGL/1263' MSL. Trees beginning 2252' from DER, 7' left of centerline, up to 100' AGL/1265' MSL. Pole 199' from DER, 375' right of centerline, 44' AGL/1162' MSL. Trees beginning 104' from DER, 89' right of centerline, up to 98' AGL/1221' MSL. Pole 819' from DER, 633' right of centerline, 36' AGL/1181' MSL. Trees beginning 1279' from DER, 7' right of centerline, up to 103' AGL/1242' MSL. Trees beginning 2208' from DER, 59' right of centerline, up to 92' AGL/1267' MSL.

## DUMAS, AR

BILLY FREE MUNI (0M0)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 85157 (FAA)

TAKEOFF MINIMUMS: **Rwy 36**, 300-1.

## DUNCAN, OK

HALLIBURTON FIELD (DUC)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 1 10266 (FAA)

TAKEOFF MINIMUMS: **Rwy 35**, 500-2¼, or std. with a min. climb of 280' per NM to 1700.

TAKEOFF OBSTACLE NOTES: **Rwy 17**, multiple power poles beginning 978' from DER, 702' left of centerline, up to 60' AGL/1129' MSL. Multiple power poles beginning 945' from DER, 613' right of centerline, up to 60' AGL/1149' MSL. Multiple trees beginning 1704' from DER, 769' left of centerline, up to 100' AGL/1169' MSL. **Rwy 35**, multiple trees beginning 1934' from DER, left to right of centerline, up to 100' AGL/1219' MSL. Bush 7' from DER, 445' right of centerline, 9' AGL/1119' MSL. Tower 1.92 NM from DER, 2453' left of centerline, 362' AGL/1471' MSL.

## DURANT, OK

DURANT RGNL - EAKER FIELD (DUA)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 10210 (FAA)

TAKEOFF MINIMUMS: **Rwy 35**, 500-3 or std. w/min. climb of 203' per NM to 1200, or alternatively, with standard TAKEOFF minimums and a normal 200'/NM climb gradient, TAKEOFF must occur no later than 1200' prior to DER.

TAKEOFF OBSTACLE NOTES: **Rwy 17**, tree 305' from DER, 553' left of centerline, 100' AGL/799' MSL. **Rwy 35**, tree 346' from DER, 568' right of centerline, 100' AGL/809' MSL. Tree 535' from DER, 585' left of centerline, 100' AGL/809' MSL. Tower 2.4 NM from DER, 420' left of centerline, 420' AGL/1073' MSL.

## EL DORADO, AR

SOUTH ARKANSAS RGNL AT GOODWIN FIELD (ELD)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 2A 18032 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 4**, tree 1335' from DER, 620' right of centerline, 298' MSL. Tree 1337' from DER, 692' right of centerline, 304' MSL. Tree 2811' from DER, 657' right of centerline, 331' MSL. Tree 3601' from DER, 685' left of centerline, 353' MSL. **Rwy 13**, tree 83' from DER, 373' left of centerline, 271' MSL. Tree 353' from DER, 239' left of centerline, 282' MSL. Trees beginning 408' from DER, 261' right of centerline, up to 296' MSL. Tree 409' from DER, 273' left of centerline, 295' MSL. Trees beginning 657' from DER, 315' left of centerline, up to 309' MSL. Tree 763' from DER, 346' right of centerline, 304' MSL. Tree 1302' from DER, 421' right of centerline, 318' MSL. Tree 2311' from DER, 280' right of centerline, 345' MSL. **Rwy 31**, tree 77' from DER, 248' right of centerline, 325' MSL. Trees beginning 216' from DER, 261' left of centerline, up to 326' MSL. Tree 578' from DER, 294' right of centerline, 326' MSL. Trees beginning 977' from DER, 25' left of centerline, up to 353' MSL. Tree 1029' from DER, 352' right of centerline, 335' MSL. Tree 2330' from DER, 304' right of centerline, 399' MSL. Tree 2581' from DER, 572' right of centerline, 406' MSL.

## EL RENO, OK

EL RENO RGNL (RQO)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 08101 (FAA)

TAKEOFF MINIMUMS: **Rwy 18, 36**, NA-Environmental. **Rwy 35**, 200-1 or std. w/min. climb of 300' per NM to 1700.

TAKEOFF OBSTACLE NOTES: **Rwy 17**, vehicle on road 444' from DER, on centerline, 17' AGL/1436' MSL. **Rwy 35**, power lines, 1800' from DER, on centerline, 80' AGL/1519' MSL.

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**TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND  
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**ELK CITY, OK**

ELK CITY RGNL BUSINESS (ELK)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1A 17341 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 17**, sign 385' from DER, 403' right of centerline, 16' AGL/1986' MSL. Pole beginning 414' from DER, 551' right of centerline, up to 35' AGL/2000' MSL. Pole 484' from DER, 339' right of centerline, 31' AGL/2001' MSL. Poles beginning 492' from DER, 477' right of centerline, up to 35' AGL/2004' MSL. Road beginning 492' from DER, 1' left of centerline, up to 1987' MSL. Tree 512' from DER, 518' left of centerline, 66' AGL/2006' MSL. Poles beginning 618' from DER, 274' right of centerline, up to 38' AGL/2007' MSL. **Rwy 35**, fence beginning 52' from DER, 377' right of centerline, up to 10' AGL/2017' MSL. Pole beginning 191' from DER, 465' left of centerline, up to 35' AGL/2020' MSL. Fence 386' from DER, 275' left of centerline, 9' AGL/2024' MSL. Tree 543' from DER, 270' left of centerline, 35' AGL/2027' MSL.

**ENID, OK**

ENID WOODRING RGNL (WDG)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 4 15344 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 13**, trees beginning 107' from DER, 182' right of centerline, up to 100' AGL/1269' MSL. Trees beginning 840' from DER, 248' left of centerline, up to 100' AGL/1289' MSL. **Rwy 31**, vehicle on road 21' from DER, 415' right of centerline, 15' AGL/1171' MSL. Vehicle on road 417' from DER, 85' left of centerline, 15' AGL/1174' MSL. **Rwy 35**, fence 205' from DER, 489' right of centerline, 7' AGL/1175' MSL. Vehicle on road beginning 293' from DER, 209' right of centerline, 15' AGL/1187' MSL. Train on railroad tracks beginning 369' from DER, left and right of centerline, 23' AGL/1190' MSL. Trees beginning 336' from DER, 95' right of centerline, 24' AGL/1191' MSL.

**FAIRVIEW, OK**

FAIRVIEW MUNI (6K4)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 3 11321 (FAA)

TAKEOFF MINIMUMS: **Rwy 17**, 300-1 or std. w/min. climb of 435' per NM to 1600.  
DEPARTURE PROCEDURE: **Rwy 17**, climb heading 174° to 1800 before turning left.  
TAKEOFF OBSTACLE NOTES: **Rwy 17**, building 214' from DER, 288' right of centerline, up to 20' AGL/1299' MSL. Trees beginning 115' from DER, 298' left of centerline, up to 60' AGL/1339' MSL. Trees beginning 521' from DER, 220' right of centerline, up to 60' AGL/1339' MSL. Vehicle on road 137' from DER, 306' left of centerline, up to 15' AGL/1294' MSL. Vehicle on road 729' from DER, left and right of centerline, up to 15' AGL/1294' MSL. Power lines 705' from DER, left and right of centerline, up to 60' AGL/1339' MSL. Multiple houses beginning 565' from DER, left and right of centerline, up to 20' AGL/ 1299' MSL. **Rwy 35**, trees beginning 1479' from DER, 486' left of centerline, up to 60' AGL/1309' MSL.

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**TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND  
DIVERSE VECTOR AREA (RADAR VECTORS)**

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**FAYETTEVILLE, AR**

**DRAKE FIELD (FYV)**

**TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES**

**AMDT 7 17341 (FAA)**

**TAKEOFF MINIMUMS:** **Rwy 16**, 400-2 w/min. climb of 320' per NM to 2500 or std. w/min. climb of 530' per NM to 2000 or 1600-3 for VCOA. **Rwy 34**, 300-1 or std. w/min. climb of 680' per NM to 1700.

**DEPARTURE PROCEDURE:** **Rwy 16**, climb heading 167° to 2700 before turning right, Climb heading 167° to 3400 before turning left. **Rwy 34**, Climb heading 347° to 2700 before proceeding on course.

**VCOA:** **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:** **Rwy 16**, tree 73' from DER, 404' left of centerline, 1252' MSL. Tree 196' from DER, 354' left of centerline, 1258' MSL. Trees beginning 833' from DER, 562' right of centerline, up to 38' AGL/1269' MSL. Trees beginning 1184' from DER, 106' left of centerline, up to 114' AGL/1342' MSL. Tree 2087' from DER, 467' right of centerline, 1301' MSL. Tree 2104' from DER, 254' right of centerline, 1309' MSL. Tree 2230' from DER, 869' right of centerline, 1320' MSL. Tree 2513' from DER, 291' right of centerline, 1323' MSL. Trees beginning 2882' from DER, 12' right of centerline, up to 103' AGL/1339' MSL. Trees beginning 3024' from DER, 624' left of centerline, up to 85' AGL/1344' MSL. Trees beginning 3096' from DER, 386' left of centerline, up to 94' AGL/1346' MSL. Trees beginning 3599' from DER, 1166' left of centerline, up to 78' AGL/1362' MSL. Trees beginning 3720' from DER, 1009' left of centerline, up to 78' AGL/1377' MSL. Trees beginning 4087' from DER, 390' left of centerline, up to 61' AGL/1415' MSL. Trees beginning 4646' from DER, 498' left of centerline, up to 76' AGL/1452' MSL. Trees, terrain, poles and transmission lines beginning 4814' from DER, 350' left of centerline, up to 67' AGL/1500' MSL. Tree and terrain beginning 5093' from DER, 1319' left of centerline, up to 70' AGL/1522' MSL. Trees, terrain and buildings beginning 5180' from DER, 162' left of centerline, up to 1571' MSL. Trees, terrain, building, poles, transmission lines, tower and vehicles on road beginning 5579' from DER, 165' left of centerline, up to 1606' MSL. Trees, terrain, buildings, vehicles on road, poles, fences and transmission line beginning 1 NM from DER, 22' left of centerline, up to 1623' MSL. Trees beginning 1.1 NM from DER, 14' right of centerline, up to 71' AGL/1459' MSL. Trees beginning 1.3 NM from DER, 23' right of centerline, up to 77' AGL/1483' MSL.

**FAYETTEVILLE, AR (CON'T)**

**DRAKE FIELD (FYV) (CON'T)**

**Rwy 34**, fence and terrain beginning on centerline, 218' left of centerline, up to 3' AGL/1256' MSL. Vehicles on road, terrain, fence, electrical system and pole beginning 5' from DER, 197' left of centerline, up to 1269' MSL. Tree 659' from DER, 588' right of centerline, 1280' MSL. Tree 1170' from DER, 690' right of centerline, 42' AGL/1289' MSL. Tree 1794' from DER, 329' right of centerline, 1302' MSL. Tree 1836' from DER, 320' right of centerline, 54' AGL/1307' MSL. Tree 2308' from DER, 752' right of centerline, 45' AGL/1321' MSL. Tree 2459' from DER, 279' left of centerline, 71' AGL/1323' MSL. Trees beginning 2514' from DER, 483' right of centerline, up to 37' AGL/1334' MSL. Tree 2590' from DER, 802' right of centerline, 39' AGL/1336' MSL. Trees beginning 2594' from DER, 353' left of centerline, up to 65' AGL/1324' MSL. Trees, pole and transmission line beginning 2632' from DER, 418' right of centerline, up to 39' AGL/1360' MSL. Tree 2661' from DER, 769' left of centerline, 85' AGL/1343' MSL. Trees and terrain beginning 2844' from DER, 562' right of centerline, up to 38' AGL/1397' MSL. Trees, poles, transmission lines and terrain beginning 3057' from DER, 627' right of centerline, up to 55' AGL/1445' MSL. Terrain and tree beginning 3268' from DER, 750' right of centerline, up to 1496' MSL. Trees, terrain, poles and transmission lines beginning 3317' from DER, 393' right of centerline, up to 42' AGL/1532' MSL. Trees beginning 4198' from DER, 1051' right of centerline, up to 59' AGL/1423' MSL.

**FAYETTEVILLE/SPRINGDALE/ROGERS, AR  
NORTHWEST ARKANSAS RGNL (XNA)**

**TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES**

**AMDT 4 17005 (FAA)**

**DEPARTURE PROCEDURE:** **Rwy 34**, climb heading 339° to 1800 before turning left.

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## FLIPPIN, AR

MARION COUNTY RGNL (FLP)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1 17061 (FAA)

TAKEOFF MINIMUMS: **Rwy 22**, 300-1¼ or std. w min. climb of 222' per NM to 900, or alternatively, with standard takeoff minimums and a normal 200' per NM gradient, takeoff must occur no later than 1600' prior to DER.

DEPARTURE PROCEDURE: **Rwy 22**, climb heading 231° to 1600 before turning right.

TAKEOFF OBSTACLE NOTES: **Rwy 4**, vehicle on road 2' from DER, 276' left of centerline, 10' AGL/733' MSL. Vehicle on road 14' from DER, 494' right of centerline, 26' AGL/724' MSL. Trees, poles, vehicle on road, beginning 153' from DER, 276' left of centerline, up to 71' AGL/799' MSL. Trees, beginning 223' from DER, 325' right of centerline, up to 77' AGL/777' MSL. Trees, beginning 491' from DER, 226' right of centerline, up to 81' AGL/781' MSL. Trees, pole, beginning 725' from DER, 45' left of centerline, up to 73' AGL/800' MSL. Trees, beginning 1492' from DER, 61' left of centerline, up to 83' AGL/809' MSL. Trees, beginning 1827' from DER, 165' right of centerline, up to 78' AGL/793' MSL. Trees, beginning 2266' from DER, 14' right of centerline, up to 66' AGL/803' MSL. Trees, beginning 2430' from DER, 51' right of centerline, up to 99' AGL/804' MSL. Trees, beginning 2633' from DER, 248' right of centerline, up to 98' AGL/809' MSL. T-I twr, beginning 3317' from DER, 1120' right of centerline, up to 100' AGL/819' MSL. Tree 3334' from DER, 123' left of centerline, 85' AGL/818' MSL. T-I twr, pole, beginning 3781' from DER, 536' right of centerline, up to 100' AGL/840' MSL. **Rwy 22**, vehicle on road 2' from DER, 244' left of centerline, 17' AGL/654' MSL. Grd 2' from DER, 496' left of centerline, 675' MSL. Tree 321' from DER, 458' left of centerline, 61' AGL/694' MSL. Trees beginning 325' from DER, 198' left of centerline, up to 63' AGL/699' MSL. Tree 369' from DER, 486' right of centerline, 24' AGL/669' MSL. Pole beginning 369' from DER, 490' right of centerline, up to 25' AGL/671' MSL. Building, pole beginning 387' from DER, 299' right of centerline, up to 26' AGL/672' MSL. Buildings, trees, beginning 672' from DER, 99' right of centerline, up to 37' AGL/683' MSL. Building, chy beginning 1095' from DER, 582' right of centerline, up to 57' AGL/701' MSL. Trees beginning 1303' from DER, 26' right of centerline, up to 67' AGL/709' MSL. Tree 1413' from DER, 18' left of centerline, 51' AGL/698' MSL. Trees beginning 1619' from DER, 55' right of centerline, up to 63' AGL/713' MSL. Tree, pole beginning 1673' from DER, 140' left of centerline, up to 63' AGL/732' MSL. Trees beginning 2001' from DER, 195' right of centerline, up to 66' AGL/721' MSL. Tree, poles beginning 2099' from DER, 203' left of centerline, up to 71' AGL/746' MSL. Pole 2438' from DER, 744' left of centerline, 100' AGL/779' MSL. Trees beginning 2461' from DER, 25' left of centerline, up to 92' AGL/804' MSL. Trees beginning 2470' from DER, 330' right of centerline, up to 97' AGL/760' MSL. Trees beginning 2913' from DER, 18' right of centerline, up to 65' AGL/766' MSL. Trees beginning 3571' from DER, 55' right of centerline, up to 78' AGL/770' MSL. Tree 1 NM from DER, 836' right of centerline, 88' AGL/832' MSL.

## FORT SMITH, AR

FORT SMITH RGNL (FSM)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 4A 11153 (FAA)

TAKEOFF MINIMUMS: **Rwy 1**, 300-1 or std. with a min. climb of 431' per NM to 800. **Rwy 7**, 300-1½ or std. with a min. climb of 261' per NM to 800. **Rwy 19**, 200-1½ or std. w/ a min. climb of 226' per NM to 700, or alternatively, w/ std. takeoff minimums and a normal 200' NM climb gradient, takeoff must occur no later than 1700' prior to DER. **Rwy 25**, 300-1 or std. w/ a min. climb of 351' per NM to 800.

DEPARTURE PROCEDURE: **Rwy 1**, climb heading 016° to 2400 before turning left. **Rwy 25**, climb heading 256° to 1100 before turning right.

TAKEOFF OBSTACLE NOTES: **Rwy 1**, terrain 56' from DER, 218' right of centerline, 0' AGL/449' MSL. Terrain 159' from DER, 354' left of centerline, 0' AGL/449' MSL. Light pole 1086' from DER, 287' left of centerline, 36' AGL/485' MSL. Tree 1495' from DER, 364' left of centerline, 60' AGL/509' MSL. Towers beginning 4315' from DER, 79' left of centerline, up to 109' AGL/619' MSL. Trees beginning 5136' from DER, 924' right of centerline, up to 100' AGL/679' MSL. Tower 4318' from DER, 1358' left of centerline, 96' AGL/621' MSL. **Rwy 7**, terrain 835' from DER, 678' left of centerline, 0' AGL/479' MSL. Trees beginning 3910' from DER, 1032' left of centerline, up to 57' AGL/556' MSL. Trees beginning 1.2 NM from DER, 1416' right of centerline, up to 100' AGL/699' MSL. Pole 1.2 NM from DER, 1572' right of centerline, 41' AGL/640' MSL. **Rwy 19**, vehicle and road 200' from DER, 200' left of centerline, 15' AGL/462' MSL. Railroad, 639' from DER, 313' left of centerline, 20' AGL/449' MSL. Tank 704' from DER, 518' left of centerline, 31' AGL/480' MSL. Railroad 751' from DER, 2' right of centerline, 22' AGL/471' MSL. Trees beginning 930' from DER, 211' left of centerline, up to 48' AGL/627' MSL. Tree 941' from DER, 97' right of centerline, 25' AGL/474' MSL. Pole 1949' from DER, 439' left of centerline, 42' AGL/501' MSL. Elevator 2106' from DER, 969' right of centerline, 86' AGL/536' MSL. **Rwy 25**, pole 1642' from DER, 734' right of centerline, 24' AGL/513' MSL. Trees beginning 1848' from DER, 690' right of centerline, up to 100' AGL/629' MSL. Tower 4981' from DER, 1376' left of centerline, 125' AGL/623' MSL. Tank 5628' from DER, 208' left of centerline, 101' AGL/610' MSL.

## FREDERICK, OK

FREDERICK RGNL (FDR)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG 10266 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 3**, vehicles on road 425' from DER, 231' right of centerline, 15' AGL/1269' MSL. **Rwy 12**, vehicles on road 404' from DER, 229' left of centerline, 15' AGL/1254' MSL.

## GOLDSBY, OK

DAVID JAY PERRY (1K4)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG 07298 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 13**, trees beginning 751' from DER, 481' left of centerline, up to 50' AGL/1209' MSL. Tree 982' from DER, 730' right of centerline, 50' AGL/1189' MSL. Terrain 101' from DER, 369' right of centerline, 1159' MSL. **Rwy 31**, tree 1624' from DER, 550' right of centerline, 50' AGL/1219' MSL. **Rwy 35**, tree 930' from DER, 45' left of centerline, 50' AGL/1199' MSL. Road 905' from DER, 18' left of centerline, 15' AGL/1194' MSL.

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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## GROVE, OK

### GROVE MUNI (GMJ)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG 08269 (FAA)

TAKEOFF MINIMUMS: **Rwy 18**, 200-1¼ or std. w/ min. climb of 271' per NM to 1100.

TAKEOFF OBSTACLE NOTES: **Rwy 18**, building 308' from DER, 321' left of centerline, 13' AGL/842' MSL. Multiple buildings beginning 11' from DER, 325' right of centerline, 22' AGL/851' MSL. Windssock 118' from DER, 325' right of centerline, 22' AGL/851' MSL. Light 165' from DER, 420' left of centerline, 24' AGL/863' MSL. Vehicle on road 598' from DER, 619' left of centerline, 15' AGL/854' MSL. Vehicle on road 590' from DER, 499' right of centerline, 15' AGL/844' MSL. Trees and poles beginning 33' from DER, 12' left of centerline, up to 100' AGL/1019' MSL. Trees and poles beginning 252' from DER, 13' right of centerline, up to 40' AGL/869' MSL. **Rwy 36**, rising terrain beginning 30' from DER, 277' left of centerline, up to 826' MSL. Pole 316' from DER, 521' left of centerline, 20' AGL/859' MSL. Trees beginning 151' from DER, 54' left of centerline, up to 100' AGL/939' MSL. Trees beginning 109' from DER, 49' right of centerline, up to 85' AGL/884' MSL.

## GUTHRIE, OK

### GUTHRIE-EDMOND RGNL (GOK)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1 09351 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 16**, trees beginning 54' from DER, 286' right of centerline, up to 44' AGL/1087' MSL.

## GUYMON, OK

### GUYMON MUNI (GUY)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1 11321 (FAA)

TAKEOFF MINIMUMS: **Rwy 18**, 600-1¼ or std. w/min. climb of 387' per NM to 3800.

DEPARTURE PROCEDURE: **Rwy 18**, climb heading 177° to 3800 before turning left.

TAKEOFF OBSTACLE NOTES: **Rwy 18**, antenna 532' from DER, 484' right of centerline, 56' AGL/3157' MSL. Vent on building 406' from DER, 463' right of centerline, 30' AGL/3131' MSL. Pole 155' from DER, 446' left of centerline, 36' AGL/3124' MSL. Tree 589' from DER, 428' right of centerline, 28' AGL/3129' MSL. **Rwy 36**, fence 24' from DER, 400' right of centerline, 6' AGL/3110' MSL.

## HARRISON, AR

### BOONE COUNTY (HRO)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES

TAKEOFF MINIMUMS: **Rwy 18**, 1400-3 or std. with a min. climb of 320' per NM to 3200.

DEPARTURE PROCEDURE: **Rwy 18**, climb via heading 182° to 2600 before turning.

## HEBER SPRINGS, AR

### HEBER SPRINGS MUNI (HBZ)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG 11293 (FAA)

DEPARTURE PROCEDURE: **Rwy 23**, climb heading 237° to 1200 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 5**, trees abeam DER, left and right of centerline, up to 100' AGL/739' MSL. Vehicles 445' from DER, 51' left of centerline, 15' AGL/655' MSL. Tower 2837' from DER, 1044' left of centerline, 185' AGL/715' MSL. **Rwy 23**, trees abeam DER, left and right of centerline, up to 100' AGL/699' MSL. Vehicles 338' from DER, on centerline, 15' AGL/634' MSL.

## HELENA/WEST HELENA, AR

### THOMPSON-ROBBINS (HEE)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1 18032 (FAA)

TAKEOFF MINIMUMS: **Rwy 8**, 400-2½ or std. w/ min. climb of 250' per NM to 800.

TAKEOFF OBSTACLE NOTES: **Rwy 8**, multiple trees beginning 1572' from DER, 29' right of centerline, up to 85' AGL/319' MSL. Tree 1580' from DER, 95' left of centerline, 85' AGL/319' MSL. Tower 2455' from DER, 1823' right of centerline, 238' AGL/621' MSL. Tree 2569' from DER, 1077' right of centerline, 85' AGL/329' MSL. Tree 2786' from DER, 1085' right of centerline, 85' AGL/334' MSL. Tree 3169' from DER, 563' left of centerline, 85' AGL/339' MSL. Multiple trees beginning 3386' from DER, 647' left of centerline, up to 85' AGL/344' MSL. Multiple trees beginning 3653' from DER, 731' left of centerline, up to 85' AGL/349' MSL. Multiple trees beginning 4046' from DER, 390' left of centerline, up to 85' AGL/354' MSL. Tree 4255' from DER, 923' left of centerline, 85' AGL/359' MSL. **Rwy 17**, terrain 23' from DER, 494' left of centerline, 240' MSL. Tree 1017' from DER, 547' left of centerline, 50' AGL/287' MSL. Tree 1886' from DER, 804' right of centerline, 103' AGL/316' MSL. Multiple trees beginning 1953' from DER, 545' left of centerline, up to 84' AGL/299' MSL. Multiple trees beginning 2490' from DER, 942' left of centerline, up to 83' AGL/315' MSL. **Rwy 26**, tree 701' from DER, 309' left of centerline, 33' AGL/264' MSL. Multiple trees beginning 712' from DER, 384' left of centerline, up to 59' AGL/287' MSL. Multiple tree beginning 749' from DER, 277' right of centerline, up to 85' AGL/324' MSL. Tree 3401' from DER, 235' right of centerline, 332' MSL. **Rwy 35**, terrain 193' from DER, 490' right of centerline, 256' MSL. Tree 213' from DER, 546' left of centerline, 46' AGL/270' MSL. Multiple trees beginning 216' from DER, 468' left of centerline, up to 57' AGL/282' MSL. Multiple trees beginning 932' from DER, 594' right of centerline, up to 64' AGL/306' MSL. Tree 1590' from DER, 695' left of centerline, 69' AGL/294' MSL. Multiple trees beginning 1843' from DER, 89' right of centerline, up to 66' AGL/307' MSL. Tree 1920' from DER, 923' left of centerline, 77' AGL/304' MSL. Multiple trees beginning 1935' from DER, 80' left of centerline, up to 95' AGL/323' MSL. Multiple trees beginning 2251' from DER, 535' right of centerline, up to 89' AGL/331' MSL. Tree 2502' from DER, 914' right of centerline, 100' AGL/340' MSL. Multiple trees beginning 2537' from DER, 637' right of centerline, up to 106' AGL/347' MSL. Tree 3155' from DER, 726' left of centerline, 104' AGL/330' MSL.

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## HENRY POST AAF (KFSI)

### FORT SILL, OK

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
10098

**Rwy 17**, Standard

**Rwy 35**, Standard

**Rwy 35**, Climb heading 008° to 2200 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 17**: Street light 30' AGL/1226' MSL, 1589' from DER, 862' right of centerline. Street light 30' AGL/1210' MSL, 1139' from DER, 786' right of centerline. Trees 50' AGL/1198' MSL, 951' from DER, 671' right of centerline. Trees 50' AGL/1221' MSL, 2151' from DER, 35' left of centerline. Trees 50' AGL/1229' MSL, 2488' from DER, 296' right of centerline.

## HENRYETTA, OK

### HENRYETTA MUNI (F10)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 3 10210 (FAA)

TAKEOFF MINIMUMS: **Rwy 36**, 500-3 or std. with a min. climb of 312' per NM to 1500.

DEPARTURE PROCEDURE: **Rwy 36**, climb heading 356° to 1300 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 18**, numerous trees beginning 778' from DER, 177' left of centerline, up to 100' AGL/939' MSL. Numerous trees beginning 335' from DER, 22' right of centerline, up to 100' AGL/959' MSL. **Rwy 36**, tower 13139' from DER, 885' right of centerline, 318' AGL/1273' MSL. Tower 8882' from DER, 6059' left of centerline, 33' AGL/1223' MSL.

## HINTON, OK

### HINTON MUNI (2O8)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG 11013 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 17**, vehicle on roadway at DER, 240' left of centerline, up to 15' AGL/1604' MSL. Trees beginning 731' from DER, 516' left of centerline, up to 50' AGL/1639' MSL. **Rwy 35**, vehicle on roadway at DER, 252' right of centerline, up to 15' AGL/1594' MSL.

## HOBART, OK

### HOBART RGNL (HBR)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1 08073 (FAA)

TAKEOFF MINIMUMS: **Rwys 3, 12, 21, 30**, NA-Environmental.

TAKEOFF OBSTACLE NOTES: **Rwy 35**, Terrain beginning 107' from departure end of runway, 185' left of centerline, 0' AGL/1549' MSL. terrain beginning 109' from departure end of runway, 63' right of centerline, 0' AGL/1549' MSL.

## HOLDENVILLE, OK

### HOLDENVILLE MUNI (F99)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG 11293 (FAA)

DEPARTURE PROCEDURE: **Rwy 35**, climb heading 354° to 1400 before turning right.

TAKEOFF OBSTACLE NOTES: **Rwy 17**, tree 122' from DER, 370' right of centerline, 17' AGL/871' MSL. Silo 910' from DER, 715' right of centerline, 60' AGL/903' MSL. **Rwy 35**, tree 596' from DER, 520' right of centerline, 48' AGL/898' MSL. Tree 1213' from DER, 753' left of centerline, 59' AGL/909' MSL.

## HOPE, AR

### HOPE MUNI (M18)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1 14317 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 4**, trees beginning 1776' from DER, 422' left of centerline, up to 100' AGL/469' MSL; trees and poles beginning 1930' from DER, 99' right of centerline, up to 100' AGL/469' MSL. Pole 2256' from DER, 24' right of centerline, 65' AGL/434' MSL. Trees and poles beginning 2345' from DER, 152' left of centerline, up to 100' AGL/489' MSL. **Rwy 22**, trees beginning abeam DER, 500' right of centerline, up to 100' AGL/439' MSL. Tree 117' from DER, 211' right of centerline, 100' AGL/429' MSL. Trees beginning 164' from DER, 10' right of centerline, up to 100' AGL/429' MSL. Trees beginning 51' from DER, 211' left of centerline, up to 100' AGL/429' MSL. Trees beginning 325' from DER, 45' left of centerline, up to 100' AGL/429' MSL. **Rwy 16**, trees beginning 1066' from DER, 722' right of centerline, up to 100' AGL/439' MSL. Trees beginning 1427' from DER, 843' left of centerline, up to 100' AGL/439' MSL. **Rwy 34**, bush 39' from DER, 162' left of centerline, 10' AGL/369' MSL. Fence 154' from DER, 474' right of centerline, 11' AGL/371' MSL. Tree 565' from DER, 609' left of centerline, 100' AGL/479' MSL. Trees beginning 897' from DER, 708' left of centerline, up to 100' AGL/479' MSL. Tree 1002' from DER, 748' right of centerline, 100' AGL/479' MSL. Trees beginning 1023' from DER, 513' right of centerline, up to 100' AGL/479' MSL.

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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## HORSEHOE BEND, AR

### HORSEHOE BEND (6M2)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 17005 (FAA)

TAKEOFF MINIMUMS: **Rwy 13**, 300-1¼. **Rwy 31**, 300-1.

TAKEOFF OBSTACLE NOTES: **Rwy 13**, trees beginning 12' from DER, 264' right of centerline, up to 125' AGL/884' MSL. Trees beginning 15' from DER, 73' left of centerline, up to 125' AGL/944' MSL. **Rwy 31**, trees beginning 10' from DER, 213' left of centerline, up to 125' AGL/924' MSL. Vehicles on road beginning 17' from DER, 277' left of centerline crossing extended runway centerline, up to 15' AGL/894' MSL. Trees beginning 331' from DER, 193' left of centerline, up to 125' AGL/944' MSL. Trees beginning 447' from DER, 291' right of centerline, up to 125' AGL/944' MSL. Trees beginning 644' from DER, 141' left of centerline, up to 125' AGL/964' MSL. Trees beginning 699' from DER, 310' right of centerline, up to 125' AGL/964' MSL. Trees beginning 802' from DER, 607' right of centerline, up to 125' AGL/984' MSL. Trees beginning 969' from DER, 51' right of centerline, up to 125' AGL/1004' MSL. Trees beginning 1001' from DER, 188' left of centerline, up to 125' AGL/984' MSL. Trees beginning 1359' from DER, 437' right of centerline, up to 125' AGL/1024' MSL.

## HOT SPRINGS, AR

### MEMORIAL FIELD (HOT)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 6 12068 (FAA)

TAKEOFF MINIMUMS: **Rwy 5**, std. w/min. climb of 430' per NM to 2100, or 1600-2½ for climb in visual conditions. **Rwy 13**, 300-2 ¼ or std. w/min. climb of 208' per NM to 900, or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1400' prior to DER. **Rwy 31**, 600-1½ or std. w/min. climb of 582' per NM to 2100.

DEPARTURE PROCEDURE: **Rwy 5**, climb heading 050° to 2000 before turning westbound, for climb in visual conditions cross Memorial Field at or above 2000 before proceeding on course. When executing VCOA, notify ATC prior to departure. **Rwy 13**, climb heading 130° to 1700 before proceeding on course. **Rwy 23**, climb heading 230° to 1500 before proceeding on course. **Rwy 31**, climb heading 310° to 1800 before turning right.

TAKEOFF OBSTACLE NOTES: **Rwy 5**, rising terrain beginning 135' from DER, 530' left of centerline, from 548' MSL up to 975' MSL. Terrain 263' from DER, 528' right of centerline, up to 548' MSL. Trees beginning abeam DER, 462' right of centerline, up to 79' AGL/654' MSL. Trees beginning 1522' from DER, 256' left of centerline, up to 100' AGL/1139' MSL. Obstruction light on building 1610' from DER, 300' left of centerline, 29' AGL/588' MSL. Pole 2023' from DER, 256' left of centerline, 60' AGL/618' MSL. Spire 3720' from DER, 67' left of centerline, 63' AGL/643' MSL. Tower 3783' from DER, 849' right of centerline, 80' AGL/640' MSL. Steeple 3800' from DER, 109' left of centerline, 55' AGL/643' MSL. **Rwy 13**, trees beginning 227' from DER, left and right of centerline, up to 111' AGL/584' MSL. Poles beginning 3228' from DER, 279' left of centerline, up to 88' AGL/631' MSL. Tower 1.9 NM from DER, 2016' left of centerline, 355' AGL/802' MSL. **Rwy 23**, trees beginning 175' from DER, 471' left of centerline, up to 57' AGL/506' MSL. Trees beginning 606' from DER, 636' right of centerline, up to 57' AGL/546' MSL. **Rwy 31**, trees beginning 491' from DER, left and right of centerline, up to 100' AGL/582' MSL. Pole 904' from DER, 161' left of centerline, 51' AGL/560' MSL. Trees beginning 4398' from DER, 1298' right of centerline, up to 100' AGL/1059' MSL.

## HUGO, OK

### STAN STAMPER MUNI (HHW)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 11293 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 17**, trees beginning 686' from DER, 32' right of centerline, up to 100' AGL/660' MSL. **Rwy 35**, trees beginning 411' from DER, 264' left of centerline, up to 100' AGL/665' MSL. Trees beginning 1507' from DER, 61' right of centerline, up to 100' AGL/662' MSL.

## HUNTSVILLE, AR

### HUNTSVILLE MUNI (H34)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 13178 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 12**, pole 46' from DER, 408' left of centerline, 45' AGL/1759' MSL. Pole 175' from DER, 504' left of centerline, 47' AGL/1756' MSL. Tree 2685' from DER, 841' right of centerline, 80' AGL/1822' MSL. Tree 3201' from DER, 726' right of centerline, 100' AGL/1866' MSL. **Rwy 30**, tree 20' from DER, 362' right of centerline, 61' AGL/1764' MSL.

## IDABEL, OK

### MC CURTAIN COUNTY RGNL(4O4)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 03023 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 2**, trees 1.92 NM from DER, on centerline, 100' AGL/629' MSL.

## JONESBORO, AR

### JONESBORO MUNI (JBR)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 3 13066 (FAA)

TAKEOFF MINIMUMS: **Rwy 31**, NA-obstacles. TAKEOFF OBSTACLE NOTES: **Rwy 13**, trees beginning 356' from DER, 188' right of centerline, up to 75' AGL/304' MSL. Pole 1214' from DER, 341' right of centerline, 40' AGL/291' MSL. Railroad, trees, and pole beginning 600' from DER, 10' left of centerline, up to 75' AGL/302' MSL. **Rwy 23**, trees beginning 2600' from DER, 457' right centerline, up to 75' AGL/343' MSL. Trees beginning 1588' from DER, 721' left of centerline, up to 75' AGL/339' MSL. **Rwy 5**, trees beginning 873' from DER, 458' right of centerline, up to 75' AGL/304' MSL. Trees beginning 1226' from DER, 558' left of centerline, up to 75' AGL/315' MSL.

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## KETCHUM, OK

SOUTH GRAND LAKE RGNL (1K8)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG 16203 (FAA)

TAKEOFF MINIMUMS: **Rwy 36**, 300-1¼ or std. w/min.  
climb of 453' per NM to 1200.

DEPARTURE PROCEDURE: **Rwy 18**, climb on  
heading 178° to 1400 before turning left. **Rwy 36**,  
climb on heading 358° to 1400 before turning left.

TAKEOFF OBSTACLE NOTES: **Rwy 18**, tree, bush  
beginning 58' from DER, 42' right of centerline, up to  
789' MSL. Vehicles on road beginning 274' from DER,  
199' right of centerline, up to 796' MSL. Vehicles on  
road beginning 275' from DER, 13' right of centerline,  
up to 797' MSL. Pole 294' from DER, 125' right of  
centerline, 21' AGL/803' MSL. Pole 300' from DER,  
442' right of centerline, 813' MSL. Tree, pole beginning  
410' from DER, 22' right of centerline, up to 820' MSL.  
Tree 1416' from DER, 717' right of centerline, 823'  
MSL. Tree 1429' from DER, 541' right of centerline,  
827' MSL. Trees beginning 1477' from DER, 8' right of  
centerline, up to 60' AGL/829' MSL. Trees beginning  
1710' from DER, 15' right of centerline, up to 60'  
AGL/830' MSL. Tree 2972' from DER, 839' right of  
centerline, 859' MSL. Tree, vehicles on road, pole, post  
beginning 75' from DER, 10' left of centerline, up to 44'  
AGL/824' MSL. Trees beginning 792' from DER, 544'  
left of centerline, up to 828' MSL. Tree 1052' from  
DER, 634' left of centerline, 835' MSL. Trees beginning  
1089' from DER, 137' left of centerline, up to 840' MSL.  
Trees beginning 1405' from DER, 54' left of centerline,  
up to 842' MSL. Trees beginning 1500' from DER, 62'  
left of centerline, up to 844' MSL. Trees beginning  
1600' from DER, 16' left of centerline, up to 846' MSL.  
Trees beginning 1734' from DER, 87' left of centerline,  
up to 853' MSL. Tree 2282' from DER, 981' left of  
centerline, 855' MSL. Tree 2309' from DER, 1108' left  
of centerline, 858' MSL. **Rwy 36**, tree, terrain  
beginning 4728' from DER, on centerline, up to 39'  
AGL/985' MSL. Bush 28' from DER, 82' right of  
centerline, 8' AGL/787' MSL. Tree 55' from DER, 290'  
right of centerline, 795' MSL. Tree, vehicles on road  
beginning 185' from DER, 27' right of centerline, up to  
798' MSL. Tree 292' from DER, 297' right of centerline,  
816' MSL. Trees beginning 293' from DER, 33' right of  
centerline, up to 818' MSL. Trees beginning 629' from  
DER, 31' right of centerline, up to 36' AGL/820' MSL.  
Tree 741' from DER, 145' right of centerline, 41'  
AGL/827' MSL. Trees beginning 785' from DER, 2'  
right of centerline, up to 43' AGL/829' MSL. Tree 1413'  
from DER, 525' right of centerline, 836' MSL. Trees  
beginning 1529' from DER, 425' right of centerline, up  
to 845' MSL. Tree 2457' from DER, 1093' right of  
centerline, 856' MSL. Trees beginning 2612' from DER,  
8' right of centerline, up to 861' MSL. Trees beginning  
2897' from DER, 60' right of centerline, up to 862' MSL.  
Tree 2990' from DER, 387' right of centerline, 55'  
AGL/872' MSL. Tree 3031' from DER, 260' right of  
centerline, 57' AGL/879' MSL. Trees beginning 3127'  
from DER, 113' right of centerline, up to 71' AGL/892'  
MSL. Trees beginning 3427' from DER, 9' right of  
centerline, up to 64' AGL/897' MSL. Tree 3843' from  
DER, 170' right of centerline, 40' AGL/899' MSL. Trees  
beginning 3846' from DER, 56' right of centerline, up to  
59' AGL/912' MSL. Trees beginning 3932' from DER,  
18' right of centerline, up to 50' AGL/913' MSL. Trees  
beginning 4065' from DER, 144' right of centerline, up  
to 49' AGL/918' MSL. Trees beginning 4072' from  
DER, 26' right of centerline, up to 47' AGL/920' MSL.  
Trees beginning 4144' from DER, 19' right of  
centerline, up to 62' AGL/929' MSL.

## KETCHUM, OK (CON'T)

SOUTH GRAND LAKE RGNL (1K8) (CON'T)

**Rwy 36**, Tree, bush beginning 4223' from DER, 69'  
right of centerline, up to 63' AGL/943' MSL. Tree, bush,  
terrain beginning 4422' from DER, 36' right of centerline,  
up to 56' AGL/945' MSL. Tree, bush, terrain beginning  
4619' from DER, 51' right of centerline, up to 58'  
AGL/968' MSL. Tree 4709' from DER, 344' right of  
centerline, 58' AGL/977' MSL. Trees beginning 4833'  
from DER, 99' right of centerline, up to 44' AGL/998'  
MSL. Trees beginning 4902' from DER, 229' right of  
centerline, up to 63' AGL/1009' MSL. Tree, terrain  
beginning 4933' from DER, 26' right of centerline, up to  
57' AGL/1013' MSL. Trees beginning 4982' from DER,  
97' right of centerline, up to 39' AGL/1019' MSL. Tree,  
bush, terrain beginning 5020' from DER, 64' right of  
centerline, up to 40' AGL/1020' MSL. Tree, terrain, bush  
beginning 5223' from DER, 4' right of centerline, up to  
51' AGL/1026' MSL. Tree 1 NM from DER, 1132' right of  
centerline, 947' MSL. Tree, bush beginning 2' from DER,  
122' left of centerline, up to 800' MSL. Tree, terrain,  
bush, fence, vehicles on road beginning 109' from DER,  
3' left of centerline, up to 36' AGL/833' MSL. Tree,  
terrain, driveway beginning 388' from DER, 2' left of  
centerline, up to 845' MSL. Trees beginning 1490' from  
DER, 41' left of centerline, up to 48' AGL/846' MSL.  
Trees beginning 1582' from DER, 13' left of centerline,  
up to 47' AGL/848' MSL. Tree 1640' from DER, 65' left of  
centerline, 48' AGL/849' MSL. Tree 1699' from DER,  
131' left of centerline, 47' AGL/851' MSL. Tree, terrain  
beginning 1704' from DER, 25' left of centerline, up to 45'  
AGL/857' MSL. tree, pole, terrain beginning 1881' from  
DER, 83' left of centerline, up to 44' AGL/859' MSL.  
Tree, terrain beginning 1986' from DER, 103' left of  
centerline, up to 56' AGL/866' MSL. Trees beginning  
2210' from DER, 175' left of centerline, up to 56'  
AGL/868' MSL. Trees beginning 2379' from DER, 220'  
left of centerline, up to 53' AGL/870' MSL. Tree, pole  
beginning 2477' from DER, 304' left of centerline, up to  
876' MSL. Trees beginning 2641' from DER, 366' left of  
centerline, up to 58' AGL/884' MSL. Tree, pole beginning  
2709' from DER, 112' left of centerline, up to 891' MSL.  
Trees beginning 2931' from DER, 35' left of centerline,  
up to 928' MSL. Trees beginning 3043' from DER, 163'  
left of centerline, up to 929' MSL. Trees beginning 3213'  
from DER, 286' left of centerline, up to 942' MSL. Tree,  
pole beginning 3329' from DER, 168' left of centerline, up  
to 958' MSL. Tree 3426' from DER, 1210' left of  
centerline, 965' MSL. Trees beginning 3427' from DER,  
154' left of centerline, up to 969' MSL. Trees beginning  
3533' from DER, 66' left of centerline, up to 988' MSL.  
Trees beginning 3680' from DER, 12' left of centerline,  
up to 997' MSL. Tree, bush beginning 4265' from DER,  
47' left of centerline, up to 998' MSL. Tree, bush  
beginning 4325' from DER, 267' left of centerline, up to  
1008' MSL. Tree, bush beginning 4351' from DER, 95'  
left of centerline, up to 1013' MSL. Tree, bush beginning  
4393' from DER, 30' left of centerline, up to 1017' MSL.  
Trees beginning 4466' from DER, 376' left of centerline,  
up to 1024' MSL. Tree, terrain, bush beginning 4485'  
from DER, 50' left of centerline, up to 1022' MSL. Tree,  
bush, terrain beginning 4602' from DER, 11' left of  
centerline, up to 1025' MSL. Tree, terrain beginning  
4682' from DER, 84' left of centerline, up to 1030' MSL.  
Tree, terrain beginning 4797' from DER, 143' left of  
centerline, up to 1032' MSL. Tree, terrain, bush, trmsn  
towers beginning 4880' from DER, 4' left of centerline, up  
to 1033' MSL.

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**LAKE VILLAGE, AR**

LAKE VILLAGE MUNI (M32)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 117061 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 1**, tree 18' from DER, 187' left of centerline, 15' AGL/141' MSL. Rising terrain 18' from DER, 47' right of centerline, 126' MSL. Trees, beginning 125' from DER, 159' left of centerline, up to 79' AGL/204' MSL. Trees, beginning 1010' from DER, 387' right of centerline, up to 66' AGL/192' MSL. **Rwy 19**, rising terrain 14' from DER, 221' left of centerline, 127' MSL. Bush 24' from DER, 194' right of centerline, 6' AGL/131' MSL. Catenary, bush, and vehicles on road beginning 96' from DER, left and right of centerline, up to 29' AGL/154' MSL. Poles, buildings, antenna, and vehicles on road beginning 216' from DER, 191' left of centerline, up to 33' AGL/157' MSL. Trees beginning 691' from DER, 221' right of centerline, 58' AGL/179' MSL. Tree and poles beginning 961' from DER, left and right of centerline, up to 65' AGL/183' MSL. Trees, antenna, and pole beginning 1055' from DER, left and right of centerline, up to 72' AGL/186' MSL. Trees beginning 1405' from DER, 212' right of centerline, up to 69' AGL/189' MSL. Trees and antenna beginning 1636' from DER, left and right of centerline, up to 74' AGL/199' MSL. Trees beginning 1714' from DER, left and right of centerline, up to 82' AGL/207' MSL. Trees beginning 2210' from DER, left and right of centerline, up to 91' AGL/212' MSL.

**LAWTON, OK**

LAWTON-FT SILL RGNL (LAW)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 10042 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 17**, tree 1709' from DER, 870' left of centerline, 60' AGL/1119' MSL. Tree 918' from DER, 733' right of centerline, 31' AGL/1098' MSL. **Rwy 35**, tree 2377' from DER, 802' left of centerline, 60' AGL/1179' MSL.

**LITTLE ROCK, AR**

BILL AND HILLARY CLINTON NATIONAL/

ADAMS FIELD (LIT)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 8 08269 (FAA)

TAKEOFF MINIMUMS: **Rwy 18**, 300-1¼ or std. w/ min. climb of 391' per NM to 600. **Rwy 22L**, 300-1¼ or std. w/ min. climb of 216' per NM to 500, or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1500' prior to DER. **Rwy 22R**, 300-2 or std. w/ min. climb of 329' per NM to 1100.

DEPARTURE PROCEDURE: **Rwy 22R**, climb heading 225° to 1100 before turning right. **Rwy 36**, climb heading 360° to 800 before turning left.

TAKEOFF OBSTACLE NOTES: **Rwy 4L**, tree 1784' from DER, 787' right of centerline, 100' AGL/339' MSL. **Rwy 4R**, tree 3337' from DER, 1050' right of centerline, 100' AGL/349' MSL.

**Rwy 18**, trees beginning 1147' from DER, 153' left of centerline, up to 100' AGL/401' MSL. Vehicle/road 2037' from DER, 177' left of centerline, 17' AGL/313' MSL, railroad 1264' from DER, 18' left of centerline, 23' AGL/285' MSL. Trees beginning 1473' from DER, 132' right of centerline, up to 100' AGL/479' MSL, elevator 4633' from DER, 371' right of centerline, 88' AGL/399' MSL. Train 60' from DER, 470' right of centerline, 23' AGL/282' MSL. Stack 4873' from DER, 75' right of centerline, 87' AGL/402' MSL. Railroad crossing guard 489' from DER, 545' right of centerline, 26' AGL/282' MSL. Railroad 777' from DER, 537' right of centerline, 23' AGL/277' MSL. **Rwy 22L**, trees, beginning 782' from DER, 174' left of centerline, up to 100' AGL/419' MSL. Obstruction light poles, beginning 2130' from DER, 754' left of centerline, up to 100' AGL/364' MSL. Building 1310' from DER, 820' left of centerline, 25' AGL/300' MSL. Trees, beginning 4728' from DER, 1423' right of centerline, up to 100' AGL/499' MSL. Light 982' from DER, 503' right of centerline, 100' AGL/295' MSL.

**Rwy 22R**, trees beginning 1236' from DER, 407' left of centerline, up to 100' AGL/512' MSL. Railroad 969' from DER, 731' left of centerline, 26' AGL/285' MSL. Antenna 9769' from DER, 2625' left of centerline, 119' AGL/508' MSL. Train 441' from DER, 608' right of centerline, 23' AGL/282' MSL. Poles beginning 948' from DER, 101' right of centerline, up to 34' AGL/293' MSL. Building 1169' from DER, 420' right of centerline, 32' AGL/291' MSL. Trees beginning 1702' from DER, 356' right of centerline, up to 100' AGL/311' MSL. Railroad crossing guard 819' from DER, 216' right of centerline, 23' AGL/282' MSL. Antenna 349' from DER, 479' right of centerline, 18' AGL/267' MSL. **Rwy 36**, trees beginning 449' from DER, 15' left of centerline, up to 100' AGL/370' MSL. Pole 904' from DER, 386' left of centerline, 41' AGL/300' MSL. Tower 1669' from DER, 505' left of centerline, 60' AGL/313' MSL. Trees beginning 350' from DER, 408' right of centerline, up to 100' AGL/347' MSL. Pole 902' from DER, 25' right of centerline, 42' AGL/301' MSL.

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## LITTLE ROCK AFB (KLRF)

JACKSONVILLE, AR  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
08045

DEPARTURE PROCEDURE: **Rwy 25**: Cross DER at least 13' AGL/299 MSL. 467' (80' AGL) trees, 6528' from DER, 2248' left of centerline.  
TAKEOFF OBSTACLES: **Rwy 07**: Multiple trees up to 80' AGL/367' MSL, 1045' from DER, 724' right of centerline. Multiple trees up to 80' AGL/370' MSL, 1433' from DER, 674' left of centerline. **Rwy 7** (Assault Strip): Terrain 299' MSL, 26' from DER, 337' left of centerline. Terrain 292' MSL, 32' from DER, 413' right of centerline. Multiple trees 80' AGL/384' MSL, 1882' from DER, 536' left of centerline. Multiple trees 80' AGL/367' MSL, 2960' from DER, 1174' right of centerline. **Rwy 25**: Multiple trees 80' AGL/364' MSL, 1006' from DER, 722' right of centerline. Multiple trees 80' AGL/400' MSL, 4200' from DER, 757' left of centerline. **Rwy 25** (Assault Strip): Terrain 312' MSL, 4' from DER, 372' right of centerline. Multiple trees 80' AGL/436' MSL, 1387' from DER, 840' right of centerline.

## MADILL, OK

MADILL MUNI (1F4)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1 11293 (FAA)

DEPARTURE PROCEDURE: **Rwy 18**, climb heading 190° to 3100 before turning left. **Rwy 36**, climb heading 360° to 1600 before proceeding on course.  
TAKEOFF OBSTACLE NOTES: **Rwy 18**, trees across centerline beginning 713' from DER, up to 50' AGL/920' MSL. **Rwy 36**, trees beginning 432' from DER, 139' left of centerline, up to 50' AGL/890' MSL. Trees beginning 817' from DER, 110' right of centerline, up to 50' AGL/890' MSL.

## MAGNOLIA, AR

RALPH C WEISER FIELD (AGO)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1B 17257

TAKEOFF OBSTACLE NOTES: **Rwy 18**, ground 27' from DER, 389' right of centerline, 321' MSL. Tree, ground beginning 85' from DER, 150' right of centerline, up to 8' AGL/326' MSL. Oil pole 340' from DER, 180' left of centerline, 333' MSL. Bush beginning 511' from DER, 185' right of centerline, up to 336' MSL. Tree 1189' from DER, 797' right of centerline, 379' MSL. Trees beginning 1290' from DER, 720' right of centerline, up to 387' MSL. Tree 1337' from DER, 851' left of centerline, 372' MSL. Trees beginning 1628' from DER, 837' left of centerline, up to 374' MSL. Tree 1725' from DER, 738' right of centerline, 392' MSL. Trees beginning 1780' from DER, 247' right of centerline, up to 409' MSL. Trees beginning 1825' from DER, 880' left of centerline, up to 378' MSL. Tree 2023' from DER, 1009' left of centerline, 381' MSL. Pole 2035' from DER, 900' left of centerline, 383' MSL. Trees beginning 2179' from DER, 871' left of centerline, up to 386' MSL. Treeline beginning 2596' from DER, 94' right of centerline, up to 329' AGL/429' MSL. Trees beginning 2642' from DER, 49' left of centerline, up to 112' AGL/455' MSL. Trees beginning 2705' from DER, 13' right of centerline, up to 432' MSL. Trees beginning 2872' from DER, 8' right of centerline, up to 441' MSL. Water tower 5118' from DER, 1444' right of centerline, 135' AGL/459' MSL. **Rwy 36**, NT REIL 9' from DER, 89' right of centerline, 302' MSL. NT REIL 10' from DER, 90' left of centerline, 3' AGL/303' MSL. Trees beginning 278' from DER, 351' right of centerline, up to 354' MSL. Trees beginning 633' from DER, 374' left of centerline, up to 371' MSL. Trees beginning 842' from DER, 34' left of centerline, up to 385' MSL. Trees beginning 2121' from DER, 295' right of centerline, up to 361' MSL. Tree 2271' from DER, 118' right of centerline, 362' MSL. Tree 2347' from DER, 1033' right of centerline, 363' MSL. Tree 2376' from DER, 754' right of centerline, 363' MSL. Tree 2431' from DER, 498' right of centerline, 367' MSL. Trees beginning 2481' from DER, 221' right of centerline, up to 376' MSL. Trees beginning 2719' from DER, 146' right of centerline, up to 383' MSL.

## MALVERN, AR

MALVERN MUNI (M78)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG 07130 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 4**, multiple trees beginning 456' from DER, 1' left of centerline, up to 100' AGL/649' MSL. Multiple trees beginning 456' from DER, 1' right of centerline, up to 100' AGL/649' MSL. **Rwy 22**, multiple trees and power lines beginning 241' from DER, 1' left of centerline, up to 75' AGL/604' MSL. Multiple trees and power lines beginning 241' from DER, 1' right of centerline, up to 75' AGL/604' MSL.

## MANGUM, OK

SCOTT FIELD (2K4)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG 11069 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 17**, vehicle on road 1240' from DER, left to right of centerline, 15' AGL/1694' MSL. Multiple trees 977' from DER, 33' right of centerline, 100' AGL/1779' MSL. **Rwy 35**, vehicle on road 632' from DER, left to right of centerline, 15' AGL/1644' MSL.

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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## MANILA, AR

### MANILA MUNI (MXA)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMD T 1 13262 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 18**, pole 140' from DER, 440' right of centerline, 26' AGL/266' MSL. Pole 529' from DER, 449' right of centerline, 39' AGL/279' MSL. Tank 211' from DER, 190' left of centerline, 13' AGL/253' MSL. Trees beginning 1807' from DER, left and right of centerline, up to 95' AGL/334' MSL. **Rwy 36**, pole 584' from DER, 554' left of centerline, 33' AGL/270' MSL. Pole 585' from DER, 530' right of centerline, 28' AGL/268' MSL. Vehicle on road 569' from DER, 4' left of centerline, 24' AGL/265' MSL. Trees beginning 811' from DER, left and right of centerline, up to 116' AGL/351' MSL.

## MARIANNA, AR

### MARIANNA/LEE COUNTY - STEVE EDWARDS FIELD (6M7)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMD T 1 13234(FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 18**, tank 27' from DER, 353' right of centerline, 10' AGL/225' MSL. Multiple poles and trees beginning 83' from DER, 372' right of centerline, up to 63' AGL/287' MSL. Vehicles on road beginning 109' from DER, 445' right of centerline, up to 17' AGL/234' MSL. Wall 183' from DER, 410' right of centerline, 8' AGL/225' MSL. **Rwy 36**, vehicles on road beginning 92' from DER, 421' left of centerline, up to 17' AGL/227' MSL. Multiple poles and trees beginning 137' from DER, 370' left of centerline, up to 107' AGL/323' MSL. Multiple trees beginning 592' from DER, 550' right of centerline, up to 52' AGL/266' MSL.

## MARSHALL, AR

### SEARCY COUNTY (4A5)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG 16035 (FAA)

TAKEOFF MINIMUMS: **Rwy 5**, std. w/min. climb of 448' per NM to 1500, or 1800-3 for climb in visual conditions. **Rwy 23**, std. w/min. climb of 354' per NM to 2200, or 1800-3 for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 5**, climb heading 051° to 2100 before proceeding on course. **Rwy 23**, climb heading 231° to 2600 before proceeding on course.

VCOA: **Rwy 5**, obtain ATC approval for climb in visual conditions when requesting IFR clearance. Climb in visual conditions to cross Searcy County airport at or above 2600 before proceeding on course. **Rwy 23**, obtain ATC approval for climb in visual conditions when requesting IFR clearance. Climb in visual conditions to cross Searcy County airport at or above 2600 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 5**, rising terrain beginning 3' from DER, 300' left and 138' right of centerline, up to 978' MSL. Rising terrain beginning 67' from DER, 389' right of centerline, up to 990' MSL. Trees and pole beginning 24' from DER, 263' left and 338' right of centerline, up to 137' AGL/1039' MSL. Sign 26' from DER, 197' left of centerline, 3' AGL/966' MSL. Trees beginning 303' from DER, 71' right of centerline, up to 65' AGL/1020' MSL. Trees, poles and t-towers beginning 976' from DER, 95' right of centerline, up to 107' AGL/1034' MSL. Trees, poles and t-towers beginning 990' from DER, 273' left of centerline, up to 99' AGL/1025' MSL. Tree 3006' from DER, 688' left of centerline, 97' AGL/1050' MSL. Trees, poles and tower beginning 4742' from DER, 1301' left of centerline, up to 100' AGL/1114' MSL. Trees beginning 4776' from DER, 1514' right of centerline, up to 92' AGL/1107' MSL. **Rwy 23**, rising terrain beginning 4' from DER, 144' left and 180' right of centerline, up to 945' MSL. Trees beginning 7' from DER, 401' left of centerline, up to 79' AGL/995' MSL. Trees beginning 43' from DER, 274' right of centerline, up to 29' AGL/967' MSL. Trees beginning 70' from DER, 491' right of centerline, up to 62' AGL/1003' MSL. Trees beginning 395' from DER, 269' right of centerline, up to 88' AGL/965' MSL.

## MC ALESTER, OK

### MC ALESTER RGNL (MLC)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG-A 09183 (FAA)

TAKEOFF MINIMUMS: **Rwy 2**, 300-1½ or std. w/ a min. climb of 318' per NM to 1100. **Rwy 20**, 300-2 or std. w/ a min. climb of 232' per NM to 1100 or alternatively, with standard takeoff minimums and a normal 200/NM climb gradient, takeoff must occur no later than 1900' prior to DER.

TAKEOFF OBSTACLE NOTES: **Rwy 2**, light standard, tree and pole beginning 203' from DER, 302' right of centerline, up to 59' AGL/828' MSL. Pole 104' from DER, 276' left of centerline, 31' AGL/780' MSL. Tree 5344' from DER, 1912' left of centerline, 100' AGL/989' MSL. **Rwy 20**, multiple trees and poles beginning 715' from DER, 66' right and 97' left of centerline, up to 50' AGL/934' MSL. Radio mast 9021' from DER, 2565' right of centerline, 266' AGL/985' MSL.

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

18032

**MC GEHEE, AR**

MC GEHEE MUNI (7M1)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 11349 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 18**, trees beginning 2594' from DER, left and right of centerline, up to 100' AGL/234' MSL.

**Rwy 36**, trees beginning 456' from DER, 365' left of centerline, up to 100' AGL/244' MSL. Trees beginning 2143' from DER, 1048' right of centerline, up to 100' AGL/244' MSL. Trees beginning 2404' from DER, 899' left of centerline, up to 100' AGL/244' MSL.

**MELBOURNE, AR**

MELBOURNE MUNI-JOHN E MILLER FIELD (42A)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 05076 (FAA)

TAKEOFF MINIMUMS: **Rwy 21**, 300-1½ or std. with a min. climb of 211' per NM to 1000.

TAKEOFF OBSTACLE NOTES: **Rwy 21**, water tank 1.1 NM from DER, 49' left of centerline, 105' AGL/939' MSL.

**MENA, AR**

MENA INTERMOUNTAIN MUNI (MEZ)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 5 05188 (FAA)

TAKEOFF MINIMUMS: **Rwy 9**, std. with a min. climb of 284' per NM to 3500, or 1300-2½ for climb in visual conditions. **Rwy 17**, std. with a min. climb of 426' per NM to 3400, or 1300-2½ for climb in visual conditions. **Rwy 27**, std. with a min. climb of 408' per NM to 3500, or 1300-2½ for climb in visual conditions. **Rwy 35**, std. with a min. climb of 293' per NM to 3400, or 1300-2½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwys 9, 17, 27, 35**, for climb in visual conditions: cross Mena Intermountain Municipal Airport at or above 2300.

TAKEOFF OBSTACLE NOTES: **Rwy 27**, trees 2.01 NM from DER, on centerline, 100' AGL/1759' MSL.

**MIAMI, OK**

MIAMI RGNL (MIO)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG-A 16147 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 17**, buildings, trees, and power lines beginning 772' from DER, 339' left of centerline, up to 100' AGL/899' MSL. Building 3539' from DER, 738' right of centerline, 100' AGL/899' MSL. **Rwy 35**, building, trees, and power lines beginning 1398' from DER, 449' right of centerline, up to 100' AGL/919' MSL.

**MONTICELLO, AR**

MONTICELLO MUNI/ELLIS FIELD (LLQ)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG-A 16175 (FAA)

TAKEOFF MINIMUMS: **Rwy 21**, 300-1½ or std. w/ min. climb of 436' per NM to 600.

TAKEOFF OBSTACLE NOTES: **Rwy 3**, Tree 278' from DER, 544' left of centerline, 100' AGL/349' MSL. Vehicle on road 625' from DER, 628' right of centerline, 15' AGL/264' MSL. **Rwy 21**, Tree 3687' from DER, 819' left of centerline, 100' AGL/469' MSL. Vehicle on road 1000' from DER, 676' left of centerline, 15' AGL/294' MSL.

Trees beginning 435' from DER, 607' right of centerline, up to 100' AGL/399' MSL. Power line 5621' from DER, 994' right of centerline, 79' AGL/458' MSL. Power line 4504' from DER, 1652' right of centerline, 79' AGL/388' MSL. Trees beginning 6722' from DER, 963' right of centerline, up to 110' AGL/470' MSL.

**MOORELAND, OK**

MOORELAND MUNI (MDF)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 11293 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 17**, trees beginning 191' from DER, 182' right of centerline, up to 50' AGL/2003' MSL. Trees beginning 421' from DER, 337' left of centerline, up to 50' AGL/2006' MSL. Power pole 498' from DER, 176' right of centerline, 35' AGL/1992' MSL. **Rwy 35**, power pole 1225' from DER, 43' left of centerline, 35' AGL/2004' MSL.

**MORRILTON, AR**

MORRILTON MUNI (BDQ)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG-A 08129 (FAA)

TAKEOFF MINIMUMS: **Rwy 27**, Std. w/ min. climb of 211' per NM to 1600 or 900-2½ for climb in visual conditions. DEPARTURE PROCEDURE: **Rwy 27**, For climb in visual conditions cross Morrilton Municipal Airport at or above 1100 MSL before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 9**, trees beginning 321' from DER, 511' right of centerline up to 100' AGL/419' MSL. Trees beginning 3378' from DER, 346' left of centerline, up to 100' AGL/449' MSL. **Rwy 27**, trees beginning 814' from DER, 317' left of centerline up to 100' AGL/399' MSL. Trees beginning 1552' from DER, 6' right of centerline up to 100' AGL/429' MSL.

**PETIT JEAN PARK (MPJ)**

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT1 02108 (FAA)

TAKEOFF MINIMUMS: **Rwy 21**, 400-2 or std. with a min. climb of 420' per NM to 1400.

DEPARTURE PROCEDURE: **Rwy 3**, climb runway heading to 1300 before turning.

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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**TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND  
DIVERSE VECTOR AREA (RADAR VECTORS)**

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**MOUNTAIN HOME, AR**

BAXTER COUNTY (BPK)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 3 92009 (FAA)

TAKEOFF MINIMUMS: **Rwy 5**, 300-1 or std. with a min. climb of 270' per NM to 1300.

DEPARTURE PROCEDURE: **Rwy 5**, turn right. **Rwy 23**, turn left: **All aircraft** proceed direct via FLP VOR/DME then climb on course.

**MOUNTAIN VIEW, AR**

MOUNTAIN VIEW WILCOX MEMORIAL  
FIELD (7M2)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES

AMDT 2, 17089 (FAA)

TAKE-OFF MINIMUMS: **Rwy 9**, std. w/min. climb of 450' per NM to 2200, or 2200-2½ for VCOA.

DEPARTURE PROCEDURE: **Rwy 9**, climb heading 092° to 2100 before turning. **Rwy 27**, climb heading 272° to 2800 before turning.

VCOA: **Rwy 9**, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Mountain View Wilcox Memorial field at or above 2100 before proceeding on course.

**MULDROW AHP (KHMY)**

LEXINGTON, OK  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG, 08213

TAKEOFF OBSTACLE NOTES: **Rwy 17**, trees, poles, buildings and fence, up to 60' AGL/1149' MSL, 17' from DER, left and right of centerline. **Rwy 35**, trees, pole and NDB, up to 70' AGL/1161' MSL, 45' from DER, left and right of centerline.

**MUSKOGEE, OK**

DAVIS FIELD (MKO)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG 08213 (FAA)

TAKEOFF MINIMUMS: **Rwys 18, 36**, NA-Environmental. **Rwy 22**, 200-1½ or std. w/ min. climb of 436' per NM to 900. **Rwy 31**, 300-1½ or std. w/ min. climb of 217' per NM to 900, or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1700' prior to DER.

TAKEOFF OBSTACLE NOTES: **Rwy 22**, tree 3637' from DER, 985' right of centerline, 100' AGL/809' MSL. **Rwy 31**, tree 7679' from DER, 851' left of centerline, 100' AGL/819' MSL.

**NASHVILLE, AR**

HOWARD COUNTY (M77)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG 12040 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 1**, fence and trees beginning 16' from DER, 259' left of centerline, up to 70' AGL/613' MSL. Trees beginning 49' from DER, 344' right of centerline, up to 76' AGL/601' MSL. **Rwy 19**, trees, buildings, poles, antenna, catenary, and road beginning 12' from DER, 200' left of centerline, up to 97' AGL/592' MSL. Trees and catenary beginning 85' from DER, 241' right of centerline, up to 92' AGL/591' MSL.

**NEWPORT, AR**

NEWPORT RGNL (M19)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG-A 18032 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 22**, building beginning 1947' from DER, 452' right of centerline, 60' AGL/299' MSL. **Rwy 36**, trees 2163' from DER, 939' left of centerline, up to 100' AGL/339' MSL.

**NORMAN, OK**

UNIVERSITY OF OKLAHOMA  
WESTHEIMER (OUN)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1A 16147 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 3**, tower and elevators beginning 1451' from DER, 359' right of centerline, up to 59' AGL/1236' MSL. **Rwy 18**, tree 97' from DER, 449' right of centerline, 32' AGL/1208' MSL. **Rwy 21**, tree 162' from DER, 461' right of centerline, 25' AGL/1201' MSL. Trees beginning 874' from DER, 484' right of centerline, up to 27' AGL/1208' MSL. Trees beginning 1211' from DER, 463' left of centerline, up to 39' AGL/1210' MSL. Light pole 1243' from DER, 745' right of centerline, 32' AGL/1213' MSL. **Rwy 36**, poles beginning 700' from DER, 518' right of centerline, up to 44' AGL/1215' MSL.

01 FEB 2018 to 01 MAR 2018

01 FEB 2018 to 01 MAR 2018

**TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND  
DIVERSE VECTOR AREA (RADAR VECTORS)**

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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## NORTH LITTLE ROCK, AR

NORTH LITTLE ROCK MUNI (ORK)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES

TAKEOFF OBSTACLE NOTES: **Rwy 5**, 80' AGL tree 360' from DER, 500' right of centerline. **Rwy 35**, 45' AGL trees 650' from DER, 300' left of centerline; 85' AGL tree 700' from DER, 600' right of centerline.

## OKLAHOMA CITY, OK

CLARENCE E. PAGE MUNI (RCE)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG 06271 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 17R**, multiple trees beginning 43' from DER, 331' right of centerline, 15' AGL/1348' MSL. Multiple trees beginning 260' from DER, 345' left of centerline, 37' AGL/1366' MSL. **Rwy 35L**, bush 90' from DER, 482' left of centerline, 8' AGL/1358' MSL.

## SUNDANCE (HSD)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 2 17285 (FAA)

DEPARTURE PROCEDURE: **Rwy 18**, climb heading 174° to 1700 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 18**, tree 133' from DER, 275' left of centerline, 1217' MSL. Tree 206' from DER, 534' left of centerline, 1224' MSL. Building 441' from DER, 472' left of centerline, 33' AGL/1215' MSL. Tank 759' from DER, 545' right of centerline, 15' AGL/1212' MSL. Tree 1553' from DER, 273' left of centerline, 1238' MSL. T-L tower 4131' from DER, 562' left of centerline, 105' AGL/1334' MSL. T-L tower 4807' from DER, 107' right of centerline, 109' AGL/1341' MSL. **Rwy 36**, tree 131' from DER, 499' left of centerline, 1187' MSL.

## WILEY POST (PWA)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 5 14261 (FAA)

TAKEOFF MINIMUMS: **Rwy 17L**, 300-1¼ or std. w/min. climb of 307' per NM to 1600.

DEPARTURE PROCEDURE: **Rwy 13**, climb heading 130° to 2300 before turning left. **Rwys 35L, 35R**, climb heading 355° to 1900 before turning right.

TAKEOFF OBSTACLE NOTES: **Rwy 13**, hangar 467' from DER, 466' left of centerline, 19' AGL/1316' MSL. Hangar 1349' from DER, 602' right of centerline, 35' AGL/1334' MSL. **Rwy 17L**, trees beginning 1292' from DER, 371' right of centerline, up to 67' AGL/1348' MSL. Tank 4592' from DER, 1222' left of centerline, 148' AGL/1478' MSL. Tank 1 NM from DER, 1387' left of centerline, 144' AGL/1467' MSL. **Rwy 17R**, pole 344' from DER, 422' left of centerline, 20' AGL/1305' MSL. **Rwy 35L**, trees beginning 143' from DER, 516' left of centerline, up to 50' AGL/1321' MSL. Spire 2441' from DER, 901' left of centerline, 86' AGL/1366' MSL.

## OKLAHOMA CITY, OK (CON'T)

WILL ROGERS WORLD (OKC)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 2 14205 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 35L**, post 48' from DER, 495' left of centerline, 8' AGL/1287' MSL. **Rwy 36**, obstruction light on windssock 674' from DER, 152' left of centerline, 25' AGL/1295' MSL.

## OKMULGEE, OK

OKMULGEE RGNL (OKM)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1 07298 (FAA)

DEPARTURE PROCEDURE: **Rwy 36**, climb heading 356° to 1600 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 18**, multiple trees beginning 1303' from DER, 69' left of centerline, up to 100' AGL/779' MSL. Multiple trees beginning 1699' from DER, 12' right of centerline, up to 100' AGL 779' MSL.

## OSCEOLA, AR

OSCEOLA MUNI (7M4)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1 98309 (FAA)

TAKEOFF MINIMUMS: **Rwy 1**, 300-1.  
TAKEOFF OBSTACLE NOTES: **Rwy 1**, 180' AGL antenna 3003' from DER, 20' right of centerline.

## OZARK, AR

OZARK-FRANKLIN COUNTY (7M5)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 2 10154 (FAA)

TAKEOFF MINIMUMS: **Rwy 4**, 400-1½ or std. w/min. climb of 492' per NM to 1200. **Rwy 22**, std. w/min. climb of 245' per NM to 1400, or 900 - 2 ½ for climb in visual conditions. DEPARTURE PROCEDURE: **Rwy 4**, climbing right turn to 3000 via FSM R-064 to FSM VORTAC before proceeding on course. **Rwy 22**, climbing right turn to 3000 via FSM R-064 to FSM VORTAC before proceeding on course, or for climb in visual conditions cross Ozark-Franklin County airport southwest bound at or above 1400 then climb to 3000 via FSM R-064 to FSM VORTAC before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 4**, tower 6713' from DER, 470' left of centerline, 995' MSL/205' AGL. Multiple trees and terrain beginning 27' from DER, 5' right of centerline, up to 50' AGL/849' MSL. Multiple trees and terrain beginning 42' from DER, 87' left of centerline, up to 50' AGL/909' MSL. Tank 582' from DER, 521' left of centerline, 13' AGL/678' MSL. Tower 57' from DER, 404' right of centerline, 34' AGL/687' MSL. **Rwy 22**, multiple trees beginning 159' from DER, 59' right of centerline, up to 50' AGL/949' MSL. Multiple trees beginning 154' from DER, 59' left of centerline, up to 50' AGL/909' MSL.

01 FEB 2018 to 01 MAR 2018

01 FEB 2018 to 01 MAR 2018

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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## PARAGOULD, AR

KIRK FIELD (PGR)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 04050 (FAA)

TAKEOFF MINIMUMS: **Rwy 4**, 300-1 or std. with a min. climb of 333' per NM to 600. **Rwys 8, 26**, NA-unsurveyed turf runways. **Rwy 22**, 200-1.

TAKEOFF OBSTACLE NOTES: **Rwy 4**, tank 5070' from DER, 883' right of centerline, 190' AGL/470' MSL. Road 1285' from DER, on centerline, 289' MSL. Sign 1506' from DER, 135' right of centerline, 50' AGL/331' MSL. **Rwy 22**, sign 311' from DER, 285' right of centerline, 30' AGL/325' MSL. Road 300' from DER, on centerline, 295' MSL.

## PAULS VALLEY, OK

PAULS VALLEY MUNI (PVJ)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 10154 (FAA)

TAKEOFF MINIMUMS: **Rwy 12**, 500-1½ or std. w/ min. climb of 282' per NM to 1300, or alternatively, with standard TAKEOFF minimums and a normal 200' per NM climb gradient, TAKEOFF must occur no later than 1200' prior to DER.

TAKEOFF OBSTACLE NOTES: **Rwy 12**, tank 1.13 NM from DER, 2259' right of centerline, 200' AGL/1130' MSL. **Rwy 35**, tree 1247' from DER, 364' right of centerline, 100' AGL/1040' MSL.

## PERRY, OK

PERRY MUNI (F22)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 10322 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 17**, vehicle on road 735' from DER, 680' right of centerline, up to 15' AGL/1023' MSL. Vehicle on road 721' from DER, 4' left of centerline, up to 15' AGL/1023' MSL. Trees beginning 243' from DER, 180' right of centerline, up to 100' AGL/1149' MSL. Trees beginning 786' from DER, 201' left of centerline, up to 100' AGL/1149' MSL. **Rwy 35**, trees beginning 101' from DER, 297' left of centerline, up to 26' AGL/996' MSL.

## PINE BLUFF, AR

PINE BLUFF RGNL AIRPORT GRIDER

FIELD (PBF)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG-A 18032 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 18**, trees beginning 145' from DER, 259' left of centerline, up to 27' AGL/224' MSL. Trees beginning 223' from DER, 503' right of centerline, up to 92' AGL/289' MSL. **Rwy 36**, trees beginning 2187' from DER, 323' left of centerline, up to 92' AGL/289' MSL. Tree 2333' from DER, 252' right of centerline, 66' AGL/263' MSL.

## POCAHONTAS, AR

POCAHONTAS MUNI (M70)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 12348 (FAA)

DEPARTURE PROCEDURE: **Rwy 36**, climb heading 357° to 1000 before turning left.

TAKEOFF OBSTACLE NOTES: **Rwy 18**, vehicle on roads beginning 5' from DER, 273' left of centerline, up to 17' AGL/296' MSL. Trees beginning 77' from DER, 307' left of centerline, up to 55' AGL/321' MSL. Buildings beginning 107' from DER, 480' left of centerline, up to 55' AGL/321' MSL. Poles beginning 265' from DER, 415' left of centerline, up to 36' AGL/303' MSL. Trees beginning 1322' from DER, 610' left of centerline, up to 64' AGL/329' MSL. Poles beginning 438' from DER, 313' right of centerline, up to 31' AGL/301' MSL. Vehicle on road 465' from DER, 433' right of centerline, 17' AGL/286' MSL. Trees beginning 1082' from DER, 323' right of centerline, up to 58' AGL/327' MSL. **Rwy 36**, vehicle on roads beginning 2' from DER, 433' left of centerline, up to 17' AGL/286' MSL. Poles beginning 157' from DER, 497' left of centerline, up to 31' AGL/301' MSL. Trees beginning 265' from DER, 295' left of centerline, up to 58' AGL/319' MSL. Trees beginning 1065' from DER, 749' left of centerline, up to 85' AGL/342' MSL. Vehicle on roads beginning 28' from DER, 436' right of centerline, up to 17' AGL/294' MSL. Poles beginning 203' from DER, 515' right of centerline, up to 23' AGL/298' MSL. Trees beginning 2007' from DER, 41' right of centerline, up to 101' AGL/360' MSL.

## PONCA CITY, OK

PONCA CITY RGNL (PNC)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 07354 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 17**, multiple buildings, poles, and antenna beginning 195' from DER, 303' right of centerline, up to 81' AGL/1071' MSL. Trees and pole 1304' from DER, from 400' left of centerline, 70' AGL/1061' MSL. **Rwy 35**, antenna on building 10' from DER, 437' right of centerline, 13' AGL/1013' MSL. Trees 1475' from DER, 350' right of centerline 50' AGL/1030' MSL.

## POTEAU, OK

ROBERT S. KERR (RKR)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 4 02276 (FAA)

DEPARTURE PROCEDURE: **Rwy 18**, climb runway heading to 2500 before turning on course. **Rwy 36**, climb runway heading to 2800 before turning on course.

TAKEOFF OBSTACLE NOTES: **Rwy 36**, cross DER at or above 16' AGL/461' MSL.

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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## PRAGUE, OK

### PRAGUE MUNI (O47)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 14149 (FAA)

DEPARTURE PROCEDURE: **Rwy 17**, climb heading 177° to 1500 before turning left.

TAKEOFF OBSTACLE NOTES: **Rwy 17**, vehicles on road beginning 129' from DER, 198' left of course, 15' AGL/1016' MSL. Tree 2028' from DER, 411' left of centerline, up to 84' AGL/1063' MSL. Vehicles on road beginning 124' from DER, 383' right of centerline, up to 15' AGL/1014' MSL. Tree 212' from DER, 415' right of centerline, 50' AGL/1048' MSL. Trees beginning 360' from DER, 104' right of centerline, up to 66' AGL/1055' MSL. **Rwy 35**, trees, poles and vehicles on road, beginning 13' from DER, 155' left of centerline, up to 57' AGL/1089' MSL. Terrain beginning 15' from DER, 241' right of centerline, up to 1047' MSL. Trees, poles, fence, and vehicles on road, beginning 54' from DER, 164' right of centerline, up to 31' AGL/1074' MSL. Trees, poles, and vehicles on road, beginning 381' from DER, left and right of centerline, up to 30' AGL/1074' MSL. Trees, poles, buildings, and vehicles on road, beginning 780' from DER, left and right of centerline, up to 59' AGL/1095' MSL.

## PRYOR, OK

### MID-AMERICA INDUSTRIAL (H71)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 95173 (FAA)

DEPARTURE PROCEDURE: **Rwys 18, 36**, climb to 1400 before turning on course.

## ROGERS, AR

### ROGERS EXECUTIVE-CARTER FIELD

(ROG)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG-B 16203 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 2**, tree 33' from DER, 396' right of centerline, 62' AGL/1382' MSL. Multiple trees beginning 99' from DER, 430' left of centerline, up to 85' AGL/1385' MSL. **Rwy 20**, multiple towers and trees beginning 393' from DER, 209' right of centerline, up to 122' AGL/1462' MSL. Multiple towers and trees beginning 567' from DER, 81' left of centerline, up to 108' AGL/1469' MSL.

## RUSSELLVILLE, AR

### RUSSELLVILLE REGIONAL (RUE)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 1 16287 (FAA)

TAKEOFF MINIMUMS: **Rwy 7**, 500-2 or std. with a min. climb of 490' per NM to 900. **Rwy 25**, 1800-3 or std. with a min. climb of 230' per NM to 2200.

TAKEOFF OBSTACLE NOTES: **Rwy 7**, bldg, 3192' from DER, 204' left of centerline, 50' AGL/520' MSL.

## SALLISAW, OK

### SALLISAW MUNI (JSV)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 2 11069 (FAA)

TAKEOFF MINIMUMS: **Rwy 17**, 400-2½ or std. w/min. climb of 229' per NM to 1100. **Rwy 35**, 700-2½ or std. w/ min. climb of 450' per NM to 1400.

DEPARTURE PROCEDURE: **Rwy 17**, climb heading 175° to 1100 before turning left.

TAKEOFF OBSTACLE NOTES: **Rwy 17**, multiple trees beginning 197' from DER, 300' left of centerline, up to 89' AGL/598' MSL. Multiple trees beginning 508' from DER, 178' right of centerline, 65' AGL/574' MSL. Tree 2214' from DER, 180' right of centerline, 63' AGL/ 573' MSL. **Rwy 35**, tower 2874' from DER, 719' left of centerline, 90' AGL/647' MSL. Tower 3278' from DER, 1051' left of centerline, 80' AGL/649' MSL. Tower 1.9 NM from DER, 331' right of centerline, 495' AGL/1161' MSL.

## SAND SPRINGS, OK

### WILLIAM R POGUE MUNI (OWP)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 3 11069 (FAA)

TAKEOFF MINIMUMS: **Rwy 35**, 300-1½ or std. w/ min. climb of 253' per NM to 1300.

DEPARTURE PROCEDURE: **Rwy 17**, climb heading 169° to 1900 before turning left. **Rwy 35**, climb heading 349° to 2300 before turning right.

TAKEOFF OBSTACLE NOTES: **Rwy 17**, trees beginning 76' from DER, 235' left of centerline, up to 59' AGL/969' MSL. Trees beginning 231' from DER, 346' right of centerline, up to 59' AGL/939' MSL.

## SEARCY, AR

### SEARCY MUNI (SRC)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 11293(FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 1**, trees beginning 984' from DER, 327' left of centerline, up to 62' AGL/322' MSL. Trees beginning 1202' from DER, 576' right of centerline, up to 53' AGL/303' MSL. **Rwy 19**, trees beginning 1521' from DER, 629' left of centerline, up to 56' AGL/283' MSL. Trees beginning 2638' from DER, 816' right of centerline, up to 98' AGL/331' MSL.

## SEMINOLE, OK

### SEMINOLE MUNI (SRE)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 07074 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 16**, power line 419' from DER, 403' left of centerline, 46' AGL/1025' MSL.

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## SHAWNEE, OK

SHAWNEE RGNL (SNL)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG 10210 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 17**, multiple trees 620' from DER, 176' left of centerline, up to 41' AGL/1111' MSL. Multiple light poles 1408' from DER, 650' left of centerline, up to 39' AGL/1109' MSL. Multiple trees 165' from DER, 85' right of centerline, up to 43' AGL/1103' MSL. **Rwy 35**, tree 93' from DER, 499' left of centerline, 15' AGL/1075' MSL.

## SHERIDAN, AR

SHERIDAN MUNI (9M8)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG 15344 (FAA)

DEPARTURE PROCEDURE: **Rwy 1**, Climb heading 012° to 2400 before turning east. **Rwy 19**, Climb heading 192° to 800 before turning north.  
TAKEOFF OBSTACLE NOTES: **Rwy 1**, trees left and right of centerline beginning 9' from DER, up to 112' AGL/354' MSL. Vehicle on road crossing right to left beginning 113' from DER, 15' AGL/251' MSL. **Rwy 19**, trees left and right of centerline beginning 2' from DER, 5' right of centerline, up to 109' AGL/332' MSL. Ground beginning 42' from DER, 248' left of centerline, up to 232' MSL. Building 126' from DER, 424' left of centerline, 18' AGL/250' MSL. Poles beginning 261' from DER, 218' left of centerline, up to 35' AGL/266' MSL. Tower 695' from DER, 375' left of centerline, 21' AGL/251' MSL. Transmission lines beginning 1318' from DER, 182' left of centerline, up to 32' AGL/264' MSL.

## SILOAM SPRINGS, AR

SMITH FIELD (SLG)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG 07298 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 18**, light pole 1320' from DER, 358' right of centerline, 31' AGL/1209' MSL. Trees 795' from DER, 354' left of centerline, up to 25' AGL/1197' MSL. Trees 1272' from DER, 340' right of centerline, up to 34' AGL/1212' MSL. **Rwy 36**, power pole 1185' from DER, 567' right of centerline, 31' AGL/1223' MSL. Trees 528' from DER, 424' left of centerline, up to 54' AGL/1241' MSL. Trees 532' from DER, 354' right of centerline, up to 39' AGL/1232' MSL.

## SPRINGDALE, AR

SPRINGDALE MUNI (ASG)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 5 10322 (FAA)

TAKEOFF MINIMUMS: **Rwy 36**, 400-2½ or std. w/min. climb of 332' per NM to 1900.  
DEPARTURE PROCEDURE: **Rwy 36**, Climb heading 003° to 2000 before turning.  
TAKEOFF OBSTACLE NOTES: **Rwy 18**, trees and poles beginning 166' from DER, 242' left of centerline, up to 56' AGL/1395' MSL. Trees beginning 42' from DER, 374' right of centerline, up to 69' AGL/1408' MSL. **Rwy 36**, trees, tower, fence, and road beginning 296' from DER, 191' left of centerline, up to 44' AGL/1404' MSL. Poles, trees, and building beginning 354' from DER, 324' right of centerline, up to 59' AGL/1418' MSL.

## STIGLER, OK

STIGLER RGNL (GZL)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1 14205 (FAA)

TAKEOFF MINIMUMS: **Rwy 17**, 400-2½ or std. w/min. climb of 210' per NM to 1100. **Rwy 35**, NA - Obstacles.  
TAKEOFF OBSTACLE NOTES: **Rwy 17**, trees beginning 189' from DER, 229' right of centerline, up to 52' AGL/651' MSL. Tower 2 NM from centerline, 2399' right of centerline, 296' AGL/913' MSL.

## STILLWATER, OK

STILLWATER RGNL (SWO)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG 11293 (FAA)

DEPARTURE PROCEDURE: **Rwy 17**, climb heading 174° to 1600 before turning right. **Rwy 22**, climb heading 220° to 2500 before turning right.  
TAKEOFF OBSTACLE NOTES: **Rwy 4**, fence 191' from DER, 271' left of centerline, 11' AGL/991' MSL. Tree 857' from DER, 545' left of centerline, 30' AGL/1020' MSL. Tree 498' from DER, 331' right of centerline, 26' AGL/1006' MSL. **Rwy 17**, building and trees beginning 1075' from DER, from 540' left of centerline, up to 60' AGL/1019' MSL. **Rwy 22**, trees beginning 1158' from DER, 770' left of centerline, up to 60' AGL/1029' MSL. **Rwy 35**, trees beginning 94' from DER, 229' left of centerline, up to 60' AGL/1059' MSL. Trees beginning 782' from DER, 669' right of centerline, up to 60' AGL/1039' MSL. Plant 1688' from DER, 729' right of centerline, 79' AGL/1059' MSL.

## STUTTGART, AR

STUTTGART MUNI CARL HUMPHREY  
FIELD (SGT)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG-A 17173 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 18**, tree 108' from DER, 286' right of centerline, up to 9' AGL/227' MSL. **Rwy 27**, tree 188' from DER, 152' left of centerline, 7' AGL/227' MSL.

## TAHLEQUAH, OK

TAHLEQUAH MUNI (TQH)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1 08157 (FAA)

TAKEOFF MINIMUMS: **Rwy 35**, 300-1½ or std. w/min. climb of 345' per NM to 1200.  
TAKEOFF OBSTACLE NOTES: **Rwy 17**, trees beginning 80' from DER, 16' right of centerline, up to 60' AGL/911' MSL. Trees and poles beginning 139' from DER, 337' left of centerline, up to 34' AGL/855' MSL. Light 1042' from DER, 403' left of centerline, 29' AGL/878' MSL. **Rwy 35**, poles and trees beginning 23' from DER, 42' left of centerline, up to 56' AGL/1075' MSL. Poles and trees beginning 1334' from DER, 29' right of centerline, up to 40' AGL/1058' MSL. Building 4492' from DER, 889' left of centerline, 24' AGL/1024' MSL.

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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## TEXARKANA, AR

TEXARKANA RGNL-WEBB FIELD (TXK)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 4 07354 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 4**, multiple trees 881' from DER, 677' left of centerline, 60' AGL/419' MSL. Multiple trees 767' from DER, 621' right of centerline, 75' AGL/434' MSL. **Rwy 13**, multiple trees 21' from DER, 372' left of centerline, 75' AGL/424' MSL. Multiple trees 1819' from DER, 133' left of centerline, 99' AGL/438' MSL. Multiple trees beginning 237' from DER, 344' right of centerline, 98' AGL/457' MSL. **Rwy 22**, multiple trees beginning 122' from DER, 276' left of centerline, 47' AGL/406' MSL. Multiple trees beginning 132' from DER, 348' right of centerline, 71' AGL/400' MSL. **Rwy 31**, vehicle on road 346' from DER, on centerline, 15' AGL/391' MSL. Multiple trees 535' from departure end of runway, 124' left of centerline, 60' AGL/391' MSL. Multiple trees beginning 454' from DER, 349' right of centerline, 70' AGL/429' MSL. Multiple trees 1962' from DER, 195' left of centerline, 60' AGL/429' MSL.

## THOMAS, OK

THOMAS MUNI (104)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG 15120 (FAA)

TAKEOFF MINIMUMS: **Rwy 35**, 400-1¼ or std. w/min. climb of 335' per NM to 2300.

DEPARTURE PROCEDURE: **Rwy 35**, climb heading 355° to 2300 before turning left.

TAKEOFF OBSTACLE NOTES: **Rwy 17**, vehicles on roadway beginning 12' from DER, 470' right of centerline, up to 15' AGL/1757' MSL. Trees, poles, and buildings beginning 65' from DER, 460' right of centerline, up to 35' AGL/1778' MSL. Fence beginning 192' from DER, 195' left of centerline, up to 9' AGL/1739' MSL. **Rwy 35**, vehicles on roadway beginning 28' from DER, 458' left of centerline, up to 15' AGL/1747' MSL. Building, pole, and signs beginning 15' from DER, 404 left of centerline, up to 34' AGL/1765' MSL. Vehicles on roadway beginning 337' from DER, left and right of centerline, up to 15' AGL/1750' MSL. Tree 2044' from DER, 950' left of centerline, 62' AGL/1794' MSL.

## TINKER AFB (KTIK),

OKLAHOMA CITY, OK

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
14233

DEPARTURE PROCEDURE: **Rwy 31**, 1600-3, or standard with a minimum climb of 240 ft/NM to 4000', then standard climb rate. Climb on track 306° to 4000' MSL prior to executing a right turn, left turns may be initiated at 3300' MSL. **Rwy 36**, 1600-3, or standard with a minimum climb of 220 ft/NM to 4000', then standard climb rate. Intercept TIK R-354 climbing to 4000' MSL prior to executing left turn.

TAKEOFF OBSTACLE NOTES: **Rwy 31**, Trees 47' AGL/1267' MSL, 1778' from DER, 927' right of centerline. Monument 41' AGL/1264' MSL, 1473' from DER, 1337' right of centerline. Trees 28' AGL/1245' MSL, 2862' from DER, 1641' right of centerline.

## TULSA, OK

RICHARD LLOYD JONES JR (RVS)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 7 11069 (FAA)

TAKEOFF MINIMUMS: **Rwy 31**, 400-2¼ or 300-1 w/min. climb of 315' per NM to 1100 or std. w/min. climb of 610' per NM to 900.

DEPARTURE PROCEDURE: **Rwys 1L, 1R**, climb heading 007° to 1500 before proceeding on course.

**Rwy 13**, climb heading 127° to 1500 before proceeding on course. **Rwys 19L, 19R**, climb heading 187° to 1500 before proceeding on course. **Rwy 31**, climb heading 292° to 2400 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 1L**, railroad 397' from DER, 594' right of centerline, 23' AGL/652' MSL. Tree 1492' from DER, 626' right of centerline, 80' AGL/700' MSL. **Rwy 1R**, railroad 162' from DER, 105' right of centerline, 23' AGL/652' MSL. Multiple trees and poles beginning 250' from DER, left and right of centerline, up to 80' AGL/700' MSL. Vehicle on road 521' from DER, 159' right of centerline, 15' AGL/644' MSL. **Rwy 13**, building 716' from DER, 513' right of centerline, 25' AGL/641' MSL. Railroad 902' from DER, 725' left of centerline, 23' AGL/642' MSL. Trees beginning 1960' from DER, left and right of centerline, up to 100' AGL/709' MSL. **Rwy 19L**, vehicles on road beginning 516' from DER, 282' left of centerline, up to 15' AGL/644' MSL. Trees beginning 790' from DER, 310' left of centerline, up to 73' AGL/683' MSL. **Rwy 19R**, vehicles on road 333' from DER, 563' left of centerline, up to 15' AGL/634' MSL. Tree 2247' from DER, 1019' left of centerline, 65' AGL/685' MSL. **Rwy 31**, hangar 506' from DER, 344' right of centerline, 20' AGL/640' MSL. Trees beginning 1372' from DER, left and right of centerline, up to 100' AGL/799' MSL. Transmission towers beginning 2731' from DER, left and right of centerline, up to 117' AGL/853' MSL. Multiple tanks, towers and trees beginning 1.2 NM from DER, left and right of centerline, up to 100' AGL/939' MSL.

## TULSA INTL (TUL)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1A 16091 (FAA)

DEPARTURE PROCEDURE: **Rwy 26**, climb on a heading between 292° CW to 086° from DER, or minimum climb of 222' per NM to 2900 for headings 087° through 291°.

TAKEOFF OBSTACLE NOTES: **Rwy 18L**, tree 1880' from DER, 905' left of centerline, 74' AGL/693' MSL. **Rwy 18R**, vehicle on road 200' from DER, 419' right of centerline, 15' AGL/687' MSL. Ant on building, 549' from DER, 447' left of centerline, 22' AGL/692' MSL. Building 411' from DER, 574' right of centerline, 39' AGL/699' MSL. Sign 1151' from DER, 757' right of centerline, 46' AGL/720' MSL. Building 2847' from DER, 690' right of centerline, 118' AGL/788' MSL. **Rwy 26**, antenna and buildings beginning 1031' from DER, 745' left of centerline, up to 51' AGL/707' MSL. Tree 1544' from DER, 425' left of centerline, 53' AGL/713' MSL. **Rwy 36L**, trees 726' from DER, 608' right of centerline, 69' AGL/659' MSL. Trees 822' from DER, 596' left of centerline, 82' AGL/672' MSL. **Rwy 36R**, lights and NAVAID 2' from DER, on centerline, 1' AGL/627' MSL. Trees beginning 1630' from DER, 470' left of centerline, up to 84' AGL/674' MSL.

01 FEB 2018 to 01 MAR 2018

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

18032

SC-1

**TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND  
DIVERSE VECTOR AREA (RADAR VECTORS)**

**VANCE AFB (KEND)**

ENID, OK

**TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES**

AMDT 1 12208

**TAKEOFF OBSTACLES:**

**Rwy 17C:** Barrier (when raised) 24' AGL/1321' MSL, 146' into overrun, on centerline.

**Rwy 17L:** Terrain, 1293' MSL, 239' from DER, 56' left of centerline. Terrain, 1295' MSL, abeam departure end of runway, 156' right of centerline. Wind sensor, 33' AGL/1325' MSL, 211' from DER, 578' right of centerline. T-1 aircraft on taxiway, 14' AGL/1298' MSL, 204' from DER, 186' right of centerline. T-1 aircraft on taxiway, 14' AGL/1303' MSL, 383' from DER, 575' left of centerline. Trees, 70' AGL/1349' MSL, 2479' from DER, 1136' left of centerline. Trees, 70' AGL/1355' MSL, 1620' from DER, 944' left of centerline.

**Rwy 17R:** Barrier (when raised), 24' AGL/1336' MSL, 145' into overrun, on centerline.

**Rwy 35C:** Barrier (when raised), 24' AGL/1301' MSL, 140' into overrun, on centerline.

**Rwy 35L:** Barrier (when raised), 24' AGL/1303' MSL, 142' into overrun, on centerline. Vehicle on road, 10' AGL/1273' MSL, 735' from DER, 603' right of centerline.

**Rwy 35R:** Wind sensor, 33' AGL/1299' MSL, 1885' from DER, 576' left of centerline. Vehicle on road, 10' AGL/1284' MSL, 145' from DER, 291' left of centerline. T-1 aircraft on taxiway, 14' AGL/1280' MSL, 212' from DER, 575' right of centerline.

**WAGONER, OK**

HEFNER-EASLEY (H68)

**TAKEOFF MINIMUMS AND (OBSTACLE)**

**DEPARTURE PROCEDURES**

ORIG 08045 (FAA)

**TAKEOFF OBSTACLE NOTES: Rwy 36,** Multiple trees beginning 167' from DER, 544' right of centerline, up to 100' AGL/709' MSL.

**WALNUT RIDGE, AR**

WALNUT RIDGE RGNL (ARG)

**TAKEOFF MINIMUMS AND (OBSTACLE)**

**DEPARTURE PROCEDURES**

ORIG 11293 (FAA)

**TAKEOFF OBSTACLE NOTES: Rwy 4,** tree 2675' from DER, 756' left of centerline, 78' AGL/349' MSL. **Rwy 18,** vehicles on roadway 66' from DER, 487' left of centerline, up to 15' AGL/284' MSL. **Rwy 31,** vehicles on roadway beginning 56' from DER, left and right of centerline, up to 15' AGL/291' MSL. **Rwy 36,** trees beginning 123' from DER, left and right of centerline, up to 87' AGL/319' MSL. Pole 192' from DER, 410' right of centerline, 50' AGL/321' MSL. Vehicles on roadway beginning 460' from DER, left and right of centerline, up to 17' AGL/291' MSL.

**WARREN, AR**

WARREN MUNI (3M9)

**TAKEOFF MINIMUMS AND (OBSTACLE)**

**DEPARTURE PROCEDURES**

ORIG 11265 (FAA)

**TAKEOFF OBSTACLE NOTES: Rwy 3,** trees beginning at DER, 190' left and right of centerline, up to 100' AGL/335' MSL. Vehicle on road, building, and hangar beginning 2' from DER, 192' right of centerline, up to 22' AGL/257' MSL. **Rwy 21,** trees beginning at DER, 172' left and right of centerline, up to 100' AGL/297' MSL. Terrain rising 115' from DER, 13' left and right of centerline, up to 210' MSL.

**WATONGA, OK**

WATONGA RGNL (JWG)

**TAKEOFF MINIMUMS AND (OBSTACLE)**

**DEPARTURE PROCEDURES**

AMDT 1 07298 (FAA)

**TAKEOFF MINIMUMS: Rwy 17,** 400-2 or std. with a min. climb of 315' per NM to 2000.

**TAKEOFF OBSTACLE NOTES: Rwy 17,** vehicle on road 165' from DER, 471' left of centerline, 15' AGL/1554' MSL. Elevator 5609' from DER, 614' left of centerline, 177' AGL/1694' MSL. **Rwy 35,** trees beginning 3318' from DER, 435' left of centerline, up to 100' AGL/1689' MSL. Vehicle on road 284' from DER, 471' right of centerline, 15' AGL/1584' MSL.

**WEATHERFORD, OK**

THOMAS P. STAFFORD (OJA)

**TAKEOFF MINIMUMS AND (OBSTACLE)**

**DEPARTURE PROCEDURES**

AMDT 1 07130 (FAA)

**DEPARTURE PROCEDURE: Rwy 17,** climb via heading 188° to 2500 before proceeding on course.

**TAKEOFF OBSTACLE NOTES: Rwy 17,** truck on road 682' from DER, crossing centerline, 17' AGL/1636' MSL, multiple trees beginning 2605' from DER, 652' right of centerline, up to 100' AGL/1699' MSL. **Rwy 35,** tree 1421' from DER, 413' right of centerline, 40' AGL/1649' MSL.

**WEST MEMPHIS, AR**

WEST MEMPHIS MUNI (AWM)

**TAKEOFF MINIMUMS AND (OBSTACLE)**

**DEPARTURE PROCEDURES**

AMDT 1 00139 (FAA)

**TAKEOFF MINIMUMS: Rwy 17,** TAKEOFF OBSTACLE NOTES: 101' AGL trees 2155' from DER, 196' right of centerline.

**WOODWARD, OK**

WEST WOODWARD (WWR)

**TAKEOFF MINIMUMS AND (OBSTACLE)**

**DEPARTURE PROCEDURES**

AMDT 1A 07298 (FAA)

**DEPARTURE PROCEDURE: Rwy 17,** climb heading 172° to 3100 before proceeding on course.

**TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND  
DIVERSE VECTOR AREA (RADAR VECTORS)**