

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

18144

## 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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#### ADEL, GA

##### COOK COUNTY (15J)

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

AMDT 1 07242 (FAA)

DEPARTURE PROCEDURE: **Rwy 5**, climb heading 051° to 1500 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 5**, multiple trees and vehicles beginning 411' from DER, 16' left of centerline, up to 100' AGL/349' MSL. Multiple trees and vehicles beginning 159' from DER, 18' right of centerline, up to 100' AGL/349' MSL. **Rwy 15**, multiple trees beginning 1801' from DER, 629' left of centerline, up to 100' AGL/339' MSL. Multiple trees beginning 932' from DER, 437' right of centerline, up to 100' AGL/339' MSL. **Rwy 23**, multiple trees beginning 503' from DER, 178' left of centerline, up to 72' AGL/321' MSL. Multiple trees beginning 1058' from DER, 74' right of centerline, up to 73' AGL/312' MSL. **Rwy 33**, multiple trees beginning 4793' from DER, 120' left of centerline, up to 100' AGL/349' MSL. Multiple trees beginning 4990' from DER, 761' right of centerline, up to 100' AGL/349' MSL.

#### ALABASTER, AL

##### SHELBY COUNTY (EET)

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

AMDT 3 09071 (FAA)

TAKEOFF MINIMUMS: **Rwy 16**, 300-1¼. **Rwy 34**, 300-1 w/ min. climb of 310' per NM to 1500, or 1000-2½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 34**, for climb in visual conditions: Cross Shelby County Airport at or above 1400 MSL before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 16**, rising terrain beginning 30' from DER. Trees beginning 4' from DER, 648' left to 826' right of centerline, up to 100' AGL/759' MSL. T-L towers beginning 1165' from DER, 490' left of centerline, up to 98' AGL/704' MSL. Buildings 1569' from DER, 89' left of centerline, up to 38' AGL/657' MSL. **Rwy 34**, rising terrain beginning 132' from DER. Trees beginning 240' from DER, 1498' left to 3865' right of centerline, up to 100' AGL/799' MSL. T-L towers beginning 1821' from DER, 646' right of centerline, up to 89' AGL/715' MSL. Buildings beginning 1562' from DER, 87' left of centerline up to 31' AGL/661' MSL. Buildings beginning 1863' from DER, 135' right of centerline, up to 45' AGL/668' MSL. Tower 2.08 NM from DER, 513' left of centerline, 220' AGL/919' MSL.

21 JUN 2018 to 19 JUL 2018

21 JUN 2018 to 19 JUL 2018

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

18144

SE-4

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18144

## ALBANY, GA

SOUTHWEST GEORGIA RGNL (ABY)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG-A 18032 (FAA)

TAKEOFF MINIMUMS: **Rwy 34**, 300-2 or std. w/ min. climb of 255' per NM to 600.

DEPARTURE PROCEDURE: **Rwy 4**, climb heading 047° to 700 before turning left. **Rwy 34**, climb heading 347° to 700 before turning right.

TAKEOFF OBSTACLE NOTES: **Rwy 4**, trees and tank beginning 913' from DER, 383' left of centerline, up to 127' AGL/329' MSL. Trees beginning 1985' from DER, 797' right of centerline, up to 79' AGL/275' MSL. **Rwy 16**, trees beginning 1044' from DER, 310' left of centerline, up to 59' AGL/253' MSL. Trees beginning 1977' from DER, 81' right of centerline, up to 92' AGL/286' MSL. **Rwy 22**, tree 1461' from DER, 793' left of centerline, 81' AGL/250' MSL. Pole 1093' from DER, 731' left of centerline, 61' AGL/230' MSL. **Rwy 34**, trees beginning 426' from DER, 14' left of centerline, up to 82' AGL/277' MSL. Trees beginning 477' from DER, 14' right of centerline, up to 58' AGL/253' MSL.

## ALBERTVILLE, AL

ALBERTVILLE RGNL/THOMAS J

BRUMLIK FIELD (8A0)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 07242 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 5**, trees beginning 18' from DER, 353' left of centerline, up to 56' AGL/1088' MSL. Trees beginning 724' from DER, 676' right of centerline, up to 60' AGL/1092' MSL. Poles beginning 12' from DER, 428' left of centerline, up to 24' AGL/1056' MSL. Terrain beginning 30' from DER, 108' left of centerline, 0' AGL/1047' MSL. Terrain 30' from DER, 58' right of centerline, 0' AGL/1050' MSL. **Rwy 23**, trees beginning 47' from DER, 469' right of centerline, up to 14' AGL/1017' MSL. Terrain 36' from DER, 346' right of centerline, 0' AGL/1004' MSL.

## ALEXANDER CITY, AL

THOMAS C. RUSSELL FIELD (ALX)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMD T 3 14177 (FAA)

TAKEOFF MINIMUMS: **Rwy 36**, 300-1 or std. w/min. climb of 385' per NM to 1000.

DEPARTURE PROCEDURE: **Rwy 36**, climb heading 002° to 1300 before turning right.

TAKEOFF OBSTACLE NOTES: **Rwy 18**, rising terrain beginning 6' from DER, 196' right of centerline, up to 613' MSL. Trees and fence beginning 131' from DER, 345' right of centerline, up to 100' AGL/704' MSL. Trees beginning 3233' from DER, 536' right of centerline, up to 100' AGL/693' MSL. Trees beginning 3772' from DER, 1093' right of centerline, up to 100' AGL/723' MSL. **Rwy 36**, poles beginning 165' from DER, 4' right and 109' left of centerline, up to 45' AGL/711' MSL. Rising terrain beginning 94' from DER, 265' right of centerline, up to 708' MSL. Trees and buildings beginning 15' from DER, 443' left of centerline, up to 100' AGL/709' MSL. Trees beginning 324' from DER, 74' right of centerline, up to 100' AGL/741' MSL. Trees, poles and buildings beginning 630' from DER, 3' left of centerline, up to 100' AGL/806' MSL. Trees, poles and sign beginning 667' from DER, 32' right of centerline, up to 100' AGL/747' MSL. Poles, trees, buildings and tank beginning 2336' from DER, 113' left of centerline, up to 137' AGL/860' MSL. Poles beginning 3826' from DER, 164' right of centerline, up to 97' AGL/817' MSL.

## ALICEVILLE, AL

GEORGE DOWNER (AIV)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 14093 (FAA)

DEPARTURE PROCEDURE: **Rwy 6**, climb heading 064° to 2000 before turning. **Rwy 24**, climb heading 244° to 2000 before turning.

TAKEOFF OBSTACLE NOTES: **Rwy 6**, vehicle on road, trees, buildings and power poles abeam DER, left and right of centerline, up to 100' AGL/279' MSL. **Rwy 24**, trees, and power poles abeam DER, left and right of centerline, up to 100' AGL/289' MSL.

## ALMA, GA

BACON COUNTY (AMG)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG-A 14093 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 15**, trees beginning 11' from DER, 79' left of centerline, up to 67' AGL/267' MSL. Trees beginning 10' from DER, 10' right of centerline, up to 56' AGL/256' MSL. Terrain beginning 40' from DER, 31' left of centerline, up to 200' MSL. **Rwy 33**, poles beginning 39' from DER, 478' right of centerline, up to 24' AGL/236' MSL. Poles and tanks beginning 1094' from DER, 11' right of centerline, up to 58' AGL/258' MSL. Terrain beginning 58' from DER, 399' left of centerline, up to 213' MSL. Buildings beginning 420' from DER, 517' left of centerline, up to 77' AGL/277' MSL. Poles beginning 925' from DER, 324' left of centerline, up to 58' AGL/258' MSL. Trees beginning 128' from DER, 196' left of centerline, up to 94' AGL/294' MSL. Trees beginning 408' from DER, 256' right of centerline, up to 95' AGL/295' MSL. Sign 1158' from DER, 722' left of centerline, 39' AGL/239' MSL.

21 JUN 2018 to 19 JUL 2018

21 JUN 2018 to 19 JUL 2018

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18144

SE-4

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18144

## AMERICUS, GA

JIMMY CARTER RGNL (ACJ)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES

AMDT 2A 13206 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 5**, fence 26' from DER, 471' left of centerline, 13' AGL/464' MSL. Trees beginning 179' from DER, left and right of centerline, up to 90' AGL/541' MSL. **Rwy 10**, trees beginning 35' from DER, left and right of centerline, up to 116' AGL/557' MSL. **Rwy 23**, vehicles on roadway abeam DER, 179' left of centerline, up to 15' AGL/481' MSL. Trees beginning 65' from DER, left and right of centerline, up to 92' AGL/537' MSL. Poles beginning 1085' from DER, 310' right of centerline, up to 44' AGL/505' MSL. **Rwy 28**, vehicles on roadway 479' from DER, 619' right of centerline, up to 15' AGL/484' MSL. Trees beginning 2275' from DER, 285' left of centerline, up to 100' AGL/569' MSL.

## ANDALUSIA/OPP, AL

SOUTH ALABAMA RGNL AT BILL

BENTON FIELD (79J)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES

AMDT 1 06271 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 11**, multiple trees beginning 379' from DER, 279' left of centerline, up to 59' AGL/368' MSL. Multiple trees beginning 1478' from DER, 687' right of centerline, up to 71' AGL/380' MSL. **Rwy 29**, multiple trees beginning 93' from DER, 490' left of centerline, up to 85' AGL/394' MSL. Multiple trees beginning 40' from DER, 353' right of centerline, up to 66' AGL/375' MSL.

## ANNISTON, AL

ANNISTON RGNL (ANB)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES

AMDT 7 17229 (FAA)

TAKEOFF MINIMUMS: **Rwy 5**, std. w/ min. climb of 329' per NM to 2600. **Rwy 23**, std. w/ min. climb of 223' per NM to 3800.

DEPARTURE PROCEDURE: **Rwy 5**, climb heading 052° to 2600 before proceeding on course. **Rwy 23**, climb heading 232° to 2500 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 5**, tree, railroad beginning 0' from DER, 435' left of centerline, up to 679' MSL. Pole 507' from DER, 548' right of centerline, 20' AGL/636' MSL. Tree 1147' from DER, 731' left of centerline, 689' MSL. Tree 1971' from DER, 262' right of centerline, 690' MSL. Tree 1992' from DER, 850' left of centerline, 706' MSL. Sign, pole, tree beginning 2269' from DER, 394' left of centerline, up to 63' AGL/712' MSL. Tree 2413' from DER, 481' right of centerline, 692' MSL. Tree 2573' from DER, 221' right of centerline, 695' MSL. Tree 2695' from DER, 518' right of centerline, 698' MSL. Tree 2974' from DER, 772' left of centerline, 717' MSL. Tree 3048' from DER, 297' right of centerline, 718' MSL. **Rwy 23**, tree 4545' from DER, 1237' left of centerline, 717' MSL.

## ASHBURN, GA

TURNER COUNTY (75J)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES

ORIG 17285 (FAA)

TAKEOFF MINIMUMS: **Rwy 35**, std. w/ min. climb of 290' per NM to 700 or 900-2½ for VCOA.

VCOA: **Rwy 35**, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Turner County airport at or above 1100 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 17**, tree 83' from DER, 419' right of centerline, 440' MSL. Tree 142' from DER, 342' left of centerline, 422' MSL. Tree 157' from DER, 448' left of centerline, 438' MSL. Trees beginning 162' from DER, 165' right of centerline, up to 447' MSL. Trees beginning 262' from DER, 200' left of centerline, up to 440' MSL. Tree and building beginning 511' from DER, 347' right of centerline, up to 449' MSL. Trees beginning 754' from DER, 281' right of centerline, up to 455' MSL. **Rwy 35**, tree 902' from DER, 736' left of centerline, 480' MSL. Trees beginning 1113' from DER, 32' left of centerline, up to 498' MSL. Tree 1331' from DER, 451' right of centerline, 474' MSL. Tree 1343' from DER, 650' right of centerline, 475' MSL. Tree 1384' from DER, 248' right of centerline, 478' MSL. Trees beginning 1413' from DER, 118' right of centerline, up to 479' MSL. Trees beginning 1513' from DER, 38' right of centerline, up to 484' MSL. Tree 2721' from DER, 623' right of centerline, 487' MSL. Trees, building beginning 2806' from DER, 71' right of centerline, up to 497' MSL. Trees beginning 3689' from DER, 37' right of centerline, up to 509' MSL. Light poles beginning 4046' from DER, 356' left of centerline, up to 84' AGL/508' MSL. Sign 5913' from DER, 156' right of centerline, 159' AGL/577' MSL. Antenna 1 NM from DER, 454' left of centerline, 177' AGL/615' MSL. Tower 1.8 NM from DER, 477' right of centerline, 276' AGL/704' MSL. Tower 1.8 NM from DER, 468' right of centerline, 285' AGL/716' MSL.

## ATHENS, GA

ATHENS/BEN EPPS (AHN)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES

AMDT 2 15288 (FAA)

DEPARTURE PROCEDURE: **Rwy 2**, climb heading 027° to 2300 before turning west.

TAKEOFF OBSTACLE NOTES: **Rwy 2**, multiple trees beginning 8' from DER, 495' right of centerline, up to 88' AGL/866' MSL. Building 165' from DER, 393' left of centerline, 17' AGL/819' MSL. Multiple poles beginning 652' from DER, 605' left of centerline, up to 38' AGL/832' MSL. Multiple trees beginning 652' from DER, 617' left of centerline, up to 90' AGL/875' MSL. **Rwy 9**, tree 671' from DER, 631' left of centerline, 100' AGL/839' MSL. **Rwy 20**, multiple trees, terrain, and bushes beginning 41' from DER, 421' left of centerline, up to 108' AGL/873' MSL. Multiple trees and terrain beginning 74' from DER, 403' right of centerline, up to 112' AGL/868' MSL. Multiple poles beginning 359' from DER, 584' left of centerline, up to 51' AGL/822' MSL. Poles beginning 656' from DER, 608' right of centerline, up to 35' AGL/803' MSL. Building 1122' from DER, 285' left of centerline, 37' AGL/805' MSL. **Rwy 27**, fence 87' from DER, 255' left of centerline, 13' AGL/758' MSL. Multiple trees beginning 106' from DER, 456' right of centerline, up to 104' AGL/807' MSL. Multiple trees beginning 604' from DER, 638' left of centerline, up to 107' AGL/819' MSL. Tower 1023' from DER, 365' left of centerline, 77' AGL/791' MSL.

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18144

SE-4

21 JUN 2018 to 19 JUL 2018

21 JUN 2018 to 19 JUL 2018

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

18144

## ATLANTA, GA

### ATLANTA RGNL FALCON FIELD (FFC)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 2 11069 (FAA)

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

TAKEOFF OBSTACLE NOTES: **Rwy 13**, trees beginning 960' from DER, 51' right of centerline, up to 98' AGL/877' MSL. Trees beginning 377' from DER, 465' left of centerline, up to 88' AGL/887' MSL. **Rwy 31**, trees beginning 288' from DER, 538' right of centerline, up to 100' AGL/999' MSL.

### COBB COUNTY INTL-MCCOLLUM FIELD (RYY)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 2A 16035 (FAA)

TAKEOFF MINIMUMS: **Rwy 9**, 200-1½ or std. w/ min. climb of 223' per NM to 1400, or alternatively, with standard takeoff minimums and normal 200'/NM climb gradient, takeoff must occur no later than 1800' prior to DER. **Rwy 27**, 300-1½.

DEPARTURE PROCEDURE: **Rwy 9**, climb heading 093° to 1900 before proceeding south. **Rwy 27**, climb heading 273° to 1600 before proceeding southeast.

TAKEOFF OBSTACLE NOTES: **Rwy 9**, trees 1048' from DER, 588' left of centerline, up to 99' AGL/1039' MSL. Terrain 27' from DER, 375' right of centerline, 0' AGL/1005' MSL. Trees 1.4 NM from DER, 2561' right of centerline, up to 100' AGL/1239' MSL. **Rwy 27**, multiple vehicles on roads, buildings, railroads, and trees beginning 152' from DER, 17' left of centerline, up to 100' AGL/1179' MSL. Multiple vehicles on roads, buildings, railroads, and trees beginning 262' from DER, 6' right of centerline, up to 100' AGL/1159' MSL. Trees 1.4 NM from DER, 2670' left of centerline, up to 100' AGL/1259' MSL.

### COVINGTON MUNI (CVC)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 2 12320 (FAA)

TAKEOFF MINIMUMS: **Rwy 28**, 200-1 or std. w/min. climb of 259' per NM to 1100.

TAKEOFF OBSTACLE NOTES: **Rwy 10**, terrain 19' from DER, 485' left of centerline, 817' MSL. Trees beginning 1400' from DER, 301' left of centerline, up to 75' AGL/875' MSL. Pole 988' from DER, 107' right of centerline, 34' AGL/844' MSL. Tree 3903' from DER, 1535' right of centerline, 82' AGL/922' MSL. **Rwy 28**, trees beginning 1066' from DER, 35' left of centerline, up to 115' AGL/875' MSL. Trees beginning 2518' from DER, 144' left of centerline, up to 114' AGL/894' MSL. Water tower 5029' from DER, 1580' left of centerline, 168' AGL/961' MSL. Trees beginning 1287' from DER, 435' right of centerline, up to 128' AGL/888' MSL.

## ATLANTA, GA (CON'T)

### DEKALB-PEACHTREE (PDK)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 2 13066 (FAA)

TAKEOFF MINIMUMS: **Rwy 3L**, 200-1½ or std. w/min. climb of 250' per NM to 1300, or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 2100' prior to DER. **Rwy 3R**, 300-1 or std. w/min. climb of 325' per NM to 1200. **Rwy 21L**, std. w/min. climb of 335' per NM to 2000 or 1200-2½ for climb in visual conditions. **Rwy 21R**, std. w/min. climb of 325' per NM to 2000 or 1200-2½ for climb in visual conditions. **Rwy 34**, std. w/min. climb of 235' per NM to 1700 or 1200-2½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 16**, climb on heading 162° to 2000 before proceeding on course. **Rwy 21L**, climbing left turn on heading 150° to 3000 before turning right or for climb in visual conditions: cross Dekalb-Peachtree airport at or above 2200 MSL before proceeding on course. When executing VCOA, notify ATC prior to departure. **Rwy 21R**, climbing left turn on heading 150° to 3000 before turning right or for climb in visual conditions: cross Dekalb-Peachtree airport at or above 2200 MSL before proceeding on course. When executing VCOA, notify ATC prior to departure.

TAKEOFF OBSTACLE NOTES: **Rwy 3L**, Ground, vegetation, towers, and buildings beginning 1' from DER, 74' right of centerline, up to 179' AGL/1177' MSL. **Rwy 3R**, vegetation and poles beginning 62' from DER, on centerline, up to 100' AGL/1142' MSL. **Rwy 16**, vegetation, pole, sign, and tower beginning 2' from DER, 44' left of centerline, up to 100' AGL/1079' MSL. **Rwy 21L**, vegetation, spires, pole and sign beginning 28' from DER, 40' right of centerline, up to 100' AGL/1066' MSL. **Rwy 21R**, vegetation, spires, pole and sign beginning 25' from DER, 64' right of centerline, up to 100' AGL/1095' MSL. **Rwy 34**, vegetation, vehicles, poles, signs, and buildings beginning 121' from DER, 9' right of centerline, up to 100' AGL/1098' MSL.

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18144

SE-4

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18144

## ATLANTA, GA (CON'T) FULTON COUNTY AIRPORT-BROWN FIELD (FTY)

### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 7 13010 (FAA)

TAKEOFF MINIMUMS: **Rwy 8**, 300-1½ or std. w/min. climb of 310' per NM to 1200. **Rwy 9**, 300-2 or std. w/min. climb of 290' per NM to 1200. **Rwy 14**, 300-2 with minimum climb of 340' per NM to 1600 or std. w/min. climb of 987' per NM to 1200. **Rwy 26**, 500-2¾ or std. w/min. climb of 300' per NM to 1400. **Rwy 27**, 500-3 or std. w/min. climb of 270' per NM to 1400. **Rwy 32**, 600-3 or std. w/min. climb of 410' per NM to 1400.

DEPARTURE PROCEDURE: **Rwys 8, 9**, climbing left turn on heading 060° to 3100 before proceeding on course. **Rwy 14**, climb on heading 144° to 1700 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 8**, pole, 11' from DER, 210' left of centerline, 16' AGL/828' MSL. Trees beginning 35' to 227' from DER, and 162' to 307' left of centerline, up to 100' AGL/964' MSL. Trees beginning 215' from DER, left and right of centerline, up to 100' AGL/942' MSL. Tower, 2998' from DER, 1300' left of centerline, 138' AGL/940' MSL. Building, 157' from DER, 316' right of centerline, 17' AGL/828' MSL. Tower, 3382' from DER, 927' right of centerline, 134' AGL/929' MSL. Multiple signs, 4384' from DER, 267' right of centerline, 146' AGL/972' MSL. Tower, 1.2 NM from DER, 539' right of centerline, 156' AGL/1102' MSL. **Rwy 9**, multiple trees beginning 10' from DER, 357' left of centerline, up to 43' AGL/853' MSL. Tree, 1.2 NM from DER, 1872' right of centerline, up to 100' AGL/1068' MSL. Tower, 3645' from DER, 895' left of centerline, 138' AGL/940' MSL. Pole, 358' from DER, 182' right of centerline, 16' AGL/828' MSL. Tower, 4027' from DER, 1333' right of centerline, 134' AGL/929' MSL. Multiple signs, 5030' from DER, 673' right of centerline, 146' AGL/972' MSL. Tower, 1.3 NM from DER, 948' right of centerline, 156' AGL/1102' MSL. **Rwy 14**, building, 233' from DER, 348' left of centerline, 44' AGL/889' MSL. Tower, 649' from DER, 2' left of centerline, 21' AGL/873' MSL. Tower, 656' from DER, 180' left of centerline, 17' AGL/872' MSL. Sign, 780' from DER, 371' left of centerline, 43' AGL/919' MSL. Tree, 1313' from DER, 834' left of centerline, up to 100' AGL/1008' MSL. Pole 421' from DER, 356' right of centerline, 30' AGL/871' MSL. Vehicle on road, 519' from DER, 5' right of centerline, up to 15' AGL/879' MSL. Tower, 630' from DER, 173' right of centerline, 25' AGL/872' MSL. Tree, 1116' from DER, 184' right of centerline, up to 100' AGL/903' MSL. **Rwy 26**, multiple trees beginning 1161' from DER, 540' left of centerline, up to 100' AGL/832' MSL. Tramway, 1.1 NM from DER, 2067' left of centerline, 204' AGL/1004' MSL. Tower, 1.2 NM from DER, 2107' left of centerline, 203' AGL/999' MSL. **Rwy 27**, multiple trees beginning 2.4 NM from DER, 1947' right of centerline, up to 100' AGL/1279' MSL. Tower, 2.8 NM from DER, 1194' right of centerline, 150' AGL/1241' MSL. **Rwy 32**, multiple trees beginning 1.0 NM from DER, 34' left of centerline, up to 100' AGL/1199' MSL. Tower, 2.7 NM from DER, 4764' right of centerline, 427' AGL/1399' MSL.

## ATLANTA, GA (CON'T) HARTSFIELD-JACKSON ATLANTA INTL (ATL)

### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 7 16035 (FAA)

TAKEOFF MINIMUMS: **Rwy 8R**, 300-1 or std. w/min. climb of 250' per NM to 1200, or alternatively with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 2000' prior to DER. **Rwy 9L**, 300-1 or std. w/min. climb of 260' per NM to 1200.

DEPARTURE PROCEDURE: **Rwy 8R**, climb heading 095° to 1500 before turning right. **Rwy 9L**, climb heading 095° to 1400 before turning left.

TAKEOFF OBSTACLE NOTES: **Rwy 8L**, trees beginning 855' from DER, 533' left of centerline, up to 67' AGL/1048' MSL. **Rwy 8R**, trees beginning 345' from DER, 488' left of centerline, up to 68' AGL/1013' MSL. Tower 4815' from DER, 1636' right of centerline, 151' AGL/1148' MSL. **Rwy 9L**, communication tower 4808' from DER, 1727' left of centerline, 133' AGL/1129' MSL. Pole 4806' from DER, 1731' left of centerline, 141' AGL/1137' MSL. **Rwy 10**, poles beginning 58' from DER, 468' right of centerline, up to 41' AGL/1016' MSL. **Rwy 26L**, pole and buildings beginning 1247' from DER, 751' left of centerline, up to 66' AGL/1079' MSL. Trees beginning 2797' from DER, 469' left of centerline, up to 70' AGL/1103' MSL. **Rwy 26R**, pole 531' from DER, 619' right of centerline, 36' AGL/1032' MSL. Pole and trees beginning 1749' from DER, 121' right of centerline, up to 60' AGL/1099' MSL. Trees beginning 1988' from DER, 61' left of centerline, up to 59' AGL/1097' MSL. Trees beginning 2811' from DER, 748' left of centerline, up to 69' AGL/1113' MSL. Poles, trees, and towers beginning 3414' from DER, 109' right of centerline, up to 101' AGL/1137' MSL. **Rwy 27L**, elevator 3937' from DER, 1255' right of centerline, 103' AGL/1129' MSL. **Rwy 27R**, terrain and signs beginning 17' from DER, 288' left of centerline, up to 5' AGL/1024' MSL. Pole 1012' from DER, 729' right of centerline, 32' AGL/1046' MSL. Agricultural equipment, elevator, tower, and trees beginning 3657' from DER, 201' right of centerline, up to 103' AGL/1141' MSL. **Rwy 28**, catenary, sign, and trees beginning 1998' from DER, 770' left of centerline, up to 63' AGL/1067' MSL. Trees beginning 3157' from DER, 1209' left of centerline, up to 85' AGL/1097' MSL.

## NEWNAN-COWETA COUNTY (CCO) TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3B 11069 (FAA)

DEPARTURE PROCEDURE: **Rwy 32**, climbing left turn via heading 270° to 2100 before proceeding on course. TAKEOFF OBSTACLE NOTES: **Rwy 14**, trees beginning 832' from DER, 346' left of centerline, up to 100' AGL/999' MSL. Trees 253' from DER, 443' right of centerline, up to 100' AGL/944' MSL.

**Rwy 32**, trees beginning 975' from DER, 21' right of centerline, up to 100' AGL/1051' MSL. Utility tower 1063' from DER, 320' right of centerline, 65' AGL/997' MSL. Fence 1286' from DER, 550' right of centerline, 25' AGL/1005' MSL. Trees beginning 167' from DER, 1' left of centerline, up to 100' AGL/1048' MSL. Utility towers beginning 135' from DER, 36' left of centerline, up to 65' AGL/1032' MSL. Tree 1684' from DER, 784' right of centerline 100' AGL/1119' MSL.

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

18144

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

18144

**ATLANTA, GA (CON'T)**

PAULDING-NORTHWEST ATLANTA (PUJ)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1 11125 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 31**, trees beginning 213' from DER, left and right of centerline, up to 100' AGL/1399' MSL. Trees beginning 4202' from DER, left and right of centerline, up to 100' AGL/1419' MSL.

**ATMORE, AL**

ATMORE MUNI (0R1)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 2 18032 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 18**, tree 8' from DER, 303' left of centerline, 50' AGL/323' MSL. Pole, vehicle on road beginning 77' from DER, 324' right of centerline, up to 309' MSL. Tree, transmission line beginning 206' from DER, 65' right of centerline, up to 70' AGL/351' MSL. Tree, transmission line, pole beginning 222' from DER, 57' left of centerline, up to 72' AGL/351' MSL. Trees beginning 2841' from DER, 156' right of centerline, up to 359' MSL. **Rwy 36**, vehicle on road 4' from DER, 227' left of centerline, 297' MSL. Tree, building beginning 75' from DER, 231' left of centerline, up to 305' MSL. Tree 76' from DER, 354' right of centerline, 303' MSL. Tree, vegetation beginning 76' from DER, 300' right of centerline, up to 34' AGL/317' MSL. Building 282' from DER, 239' left of centerline, up to 308' MSL. Tree 449' from DER, 427' left of centerline, 323' MSL. Tree, pole beginning 464' from DER, 12' left of centerline, up to 341' MSL. Tree 564' from DER, 553' right of centerline, 324' MSL. Tree, pole beginning 663' from DER, 571' right of centerline, up to 346' MSL. Vehicles on road 834' from DER, crossing centerline, up to 346' MSL. Tree 2385' from DER, 1104' left of centerline, 347' MSL. Tree 2612' from DER, 1116' left of centerline, 349' MSL.

**AUBURN, AL**

AUBURN UNIVERSITY RGNL (AUO)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1A 16315 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 18**, tree 1127' from DER, 724' right of centerline, 769' MSL. Tree 1555' from DER, 659' right of centerline, 793' MSL. **Rwy 29**, tree 201' from DER, 505' left of centerline, 836' MSL. Trees beginning 231' from DER, 407' right of centerline, up to 828' MSL. Trees beginning 428' from DER, 312' left of centerline, up to 850' MSL. Tree and poles beginning 543' from DER, 327' right of centerline, up to 830' MSL. Trees beginning 600' from DER, 347' left of centerline, up to 857' MSL. Trees beginning 660' from DER, 561' right of centerline, up to 841' MSL. Trees beginning 1259' from DER, 521' left of centerline, up to 860' MSL. **Rwy 36**, terrain beginning 87' from DER, 392' right of centerline, up to 781' MSL. Tree 196' from DER, 377' right of centerline, 784' MSL. Tree 223' from DER, 507' left of centerline, 828' MSL. Trees beginning 371' from DER, 467' right of centerline, up to 855' MSL. Trees beginning 765' from DER, 265' right of centerline, up to 861' MSL. Tree 1113' from DER, 603' left of centerline, 831' MSL.

**AUGUSTA, GA**

AUGUSTA RGNL AT BUSH FIELD (AGS)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 14 12208 (FAA)

TAKEOFF MINIMUMS: **Rwy 8**, std. w/min. climb of 391' per NM to 2600 or 1700-2½ for climb in visual conditions. **Rwy 17**, 200-1¼ or std. w/min. climb of 268' per NM to 500. **Rwy 26**, 300-1¼ or std. w/min. climb of 324' per NM to 600.

DEPARTURE PROCEDURE: **Rwy 8**, for climb in visual conditions: cross Augusta Rgnl at Bush Field airport at or above 1700 before proceeding on course. When executing VCOA, notify ATC prior to departure. **Rwy 17**, climb heading 172° to 900 before turning left. **Rwy 26**, climb heading 262° to 1000 before proceeding on course. **Rwy 35**, climb heading 352° to 1200 before turning right.

TAKEOFF OBSTACLE NOTES: **Rwy 8**, trees 2011' from DER, 379' left of centerline, up to 100' AGL/209' MSL. **Rwy 17**, bush 746' from DER, 616' left of centerline, up to 14' AGL/158' MSL. Trees beginning 1700' from DER, left and right of centerline, up to 100' AGL/339' MSL. **Rwy 26**, trees beginning 992' from DER, 294' left of center line, up to 100' AGL/355' MSL. Trees beginning 1254' from DER, 175' right of centerline, up to 100' AGL/419' MSL. Building 1344' from DER, 436' left of centerline, up to 31' AGL/175' MSL. Light pole 1015' from DER, 287' right of centerline, up to 31' AGL/175' MSL.

21 JUN 2018 to 19 JUL 2018

21 JUN 2018 to 19 JUL 2018

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

18144

SE-4

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

18144

**AUGUSTA, GA (CON'T)****DANIEL FIELD (DNL)**

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES

AMDT 6 14205 (FAA)

TAKEOFF MINIMUMS: **Rwy 23**, std. w/ min. climb of 250' per NM to 800.

DEPARTURE PROCEDURE: **Rwy 23**, climb heading 215° to 1300 before turning right. **Rwy 29**, climb heading 288° to 1000 before turning left.

TAKEOFF OBSTACLE NOTES: **Rwy 5**, vehicles on road, poles, trees, signs, and wall beginning 16' from DER 1' left of centerline, up to 65' AGL/472' MSL.

Poles, trees, signs, buildings, and wall beginning 175' from DER, 40' right of centerline, up to 50' AGL/475' MSL.

Trees, buildings, and poles beginning 591' from DER, 37' left of centerline, up to 65' AGL/492' MSL.

Trees, poles, and building beginning 873' from DER, 170' right of centerline, up to 63' AGL/490' MSL. Poles, trees, tanks, and buildings beginning 1008' from DER, left and right of centerline, up to 90' AGL/508' MSL.

Poles, trees, and buildings beginning 1353' from DER, left and right of centerline, up to 95' AGL/525' MSL.

Poles, trees, and buildings beginning 1567' from DER, left and right of centerline, up to 95' AGL/540' MSL.

Poles, trees, buildings, and towers beginning 2287' from DER, left and right of centerline, up to 135' AGL/557' MSL.

**Rwy 11**, poles, trees, and buildings beginning 177' from DER, 360' left of centerline, up to 35' AGL/453' MSL.

Trees and pole beginning 188' from DER, 479' right of centerline, up to 53' AGL/472' MSL.

Vehicles on road, trees, poles, and buildings beginning 276' from DER, 2' right of centerline, up to 65' AGL/476' MSL.

Trees, buildings, poles, and sign beginning 343' from DER, 10' left of centerline, up to 65' AGL/476' MSL.

Poles, trees, and buildings beginning 620' from DER, 11' right of centerline, up to 75' AGL/485' MSL.

Poles, trees, and building beginning 845' from DER, 7' left of centerline, up to 80' AGL/491' MSL.

Pole, building, and trees beginning 1109' from DER, 9' right of centerline, up to 85' AGL/495' MSL.

Building 2240' from DER, 518' right of centerline, 106' AGL/509' MSL.

**Rwy 23**, trees beginning 9' from DER, 141' right of centerline, up to 30' AGL/402' MSL.

Trees beginning 11' from DER, 195' left of centerline, up to 25' AGL/398' MSL.

Trees beginning 105' from DER, left and right of centerline, up to 112' AGL/430' MSL.

**Rwy 29**, trees, buildings, and poles beginning from DER, 192' right of centerline, up to 75' AGL/508' MSL.

Vehicles on road, trees, buildings, pole, and sign beginning 4' from DER, 131' left of centerline, up to 40' AGL/472' MSL.

Trees and poles beginning 354' from DER, 22' right of centerline, up to 95' AGL/535' MSL.

Tower and trees beginning 879' from DER, 6' left of centerline, up to 80' AGL/501' MSL.

**BAINBRIDGE, GA****DECATUR COUNTY INDUSTRIAL AIR PARK (BGE)**

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES

ORIG 09211 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 14**, trees beginning 938' from DER, 238' right of centerline, up to 100' AGL/249' MSL. **Rwy 27**, trees beginning 1050' from DER, 52' right of centerline, up to 100' AGL/196' MSL. Tree 1527' from DER, 63' left of centerline, 100' AGL/192' MSL.

**BAXLEY, GA****BAXLEY MUNI (BHC)**

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES

AMDT 1 12152 (FAA)

DEPARTURE PROCEDURE: **Rwy 26**, climb heading 261° to 800 before turning north.

TAKEOFF OBSTACLE NOTES: **Rwy 8**, trees beginning 13' from DER, 149' left of centerline, up to 70' AGL/285' MSL. Trees beginning 749' from DER, 465' right of centerline, up to 97' AGL/278' MSL. Poles beginning 764' from DER, 392' right of centerline, up to 24' AGL/234' MSL. **Rwy 26**, trees beginning 41' from DER, 287' left of centerline, up to 88' AGL/295' MSL. Trees beginning 227' from DER, 30' right of centerline, up to 80' AGL/285' MSL.

**BAY MINETTE, AL****BAY MINETTE MUNI (1R8)**

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES

ORIG 07074 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 8**, brush 115' from DER, 80' left of centerline, 5' AGL/253' MSL. **Rwy 26**, trees 1190' from DER, on centerline, 35' AGL/242' MSL. Brush 135' from DER, 91' left of centerline, 5' AGL/212' MSL. Tree 5494' from DER, 84' right of centerline, 100' AGL/348' MSL.

**BESSEMER, AL****BESSEMER (EKY)**

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES

ORIG 07130 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 5**, numerous trees beginning 147' from DER, 33' left of centerline, up to 100' AGL/859' MSL. Numerous trees beginning 36' from DER, 8' right of centerline, up to 100' AGL/769' MSL.

**Rwy 23**, terrain beginning 33' from DER, 102' left of centerline, up to 709' MSL. Tree 74' from DER, 163' right of centerline, 50' AGL/714' MSL. Tree 175' from DER, 439' left of centerline, 11' AGL/710' MSL.

21 JUN 2018 to 19 JUL 2018

21 JUN 2018 to 19 JUL 2018

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

18144

SE-4

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

18144

## BIRMINGHAM, AL

BIRMINGHAM-SHUTTLESWORTH INTL  
(BHM)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES

AMDT 8 18144 (FAA)

TAKEOFF MINIMUMS: **Rwy 6**, 300-2 w/ min. climb of 285' per NM to 1800 or std. w/min. climb of 435' per NM to 1300 or 1800-3 for VCOA. **Rwy 18**, 600-3 w/ min. climb of 225' per NM to 1300 or std. w/ min. climb of 455' per NM to 1500 or 1800-3 for VCOA. **Rwy 24**, std. w/ min. climb of 280' per NM to 1400. **Rwy 36**, 300-2¼ or std. w/min. climb of 565' per NM to 1000.

DEPARTURE PROCEDURE: **Rwy 6**, climb heading 058° to 1500 before proceeding on course. **Rwy 18**, climb heading 183° to 2300 before proceeding on course. **Rwy 24**, climb heading 238° to 2300 before proceeding on course. **Rwy 36**, climb heading 003° to 1400 before proceeding on course.

VCOA: **Rwys 6, 18**, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Birmingham-Shuttlesworth Intl at or above 2300 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 6**, building 154' from DER, 401' right of centerline, 14' AGL/656' MSL. Terrain 704' from DER, 652' left of centerline, 671' MSL. Terrain 950' from DER, 674' right of centerline, 692' MSL. Terrain 957' from DER, 682' left of centerline, 675' MSL. Terrain 1226' from DER, 654' right of centerline, 713' MSL. Terrain 1259' from DER, 705' left of centerline, 684' MSL. Terrain beginning 1383' from DER, 391' right of centerline, up to 718' MSL. Terrain beginning 1387' from DER, 272' left of centerline, up to 706' MSL. Tree, terrain, traverse ways and fence beginning 1450' from DER, 33' right of centerline, up to 767' MSL. Terrain beginning 1621' from DER, 166' left of centerline, up to 718' MSL. Terrain beginning 1753' from DER, 5' left of centerline, up to 721' MSL. Terrain beginning 1805' from DER, 110' left of centerline, up to 727' MSL. Terrain and traverse way beginning 1917' from DER, 708' left of centerline, up to 730' MSL. Terrain beginning 1993' from DER, 112' left of centerline, up to 731' MSL. Terrain and traverse way beginning 2111' from DER, 321' left of centerline, up to 734' MSL. Terrain beginning 2275' from DER, 111' left of centerline, up to 737' MSL. Traverse way and terrain beginning 2346' from DER, 325' left of centerline, up to 739' MSL. Pole, terrain and fences beginning 2449' from DER, 48' right of centerline, up to 43' AGL/769' MSL. Terrain beginning 497' from DER, 109' left of centerline, up to 742' MSL. Traverse way 2554' from DER, 531' left of centerline, 744' MSL. Trees, terrain, traverse way and poles beginning 2608' from DER, 25' left of centerline, up to 779' MSL. Tree, terrain and pole beginning 2846' from DER, 169' right of centerline, up to 782' MSL. Tree, terrain, pole and lighting beginning 2983' from DER, 111' left of centerline, up to 800' MSL. Tree and fence beginning 3007' from DER, 47' right of centerline, up to 788' MSL. Trees and terrain beginning 3071' from DER, 59' right of centerline, up to 800' MSL. Pole and terrain beginning 3220' from DER, 410' left of centerline, up to 44' AGL/811' MSL. Tree and terrain beginning 3308' from DER, 236' right of centerline, up to 809' MSL. Trees, terrain and pole beginning 3320' from DER, 96' left of centerline, up to 816' MSL. Trees, terrain and fences beginning 3529' from DER, 53' right of centerline, up to 810' MSL. Tree, terrain and pole beginning 3567' from DER, 154' left of centerline, up to 832' MSL. Trees, terrain and pole beginning 3717' from DER, 31' left of centerline, up to 841' MSL.

## BIRMINGHAM, AL (CON'T)

BIRMINGHAM-SHUTTLESWORTH INTL  
(BHM) (CON'T)

**Rwy 6 (CON'T)**, trees and terrain beginning 3978' from DER, 14' left of centerline, up to 865' MSL. Trees and poles beginning 4099' from DER, 123' left of centerline, up to 870' MSL. Trees beginning 5066' from DER, 518' left of centerline, up to 878' MSL. Tree 5192' from DER, 1364' left of centerline, 883' MSL. Trees beginning 5202' from DER, 973' left of centerline, up to 884' MSL. Tower, trees, terrain and pole beginning 5260' from DER, 62' left of centerline, up to 97' AGL/897' MSL. Trees beginning 5916' from DER, 159' right of centerline, up to 814' MSL. Trees beginning 1 NM from DER, 14' right of centerline, up to 822' MSL. Trees beginning 1.3 NM from DER, 1745' left of centerline, up to 901' MSL. Tree 1.6 NM from DER, 2148' left of centerline, 913' MSL. **Rwy 18**, terrain 372' from DER, 543' right of centerline, 648' MSL. Terrain beginning 536' from DER, 453' right of centerline, up to 672' MSL. Poles, traverse ways and trees beginning 771' from DER, 58' left of centerline, up to 71' AGL/701' MSL. Trees and pole beginning 1084' from DER, 125' right of centerline, up to 686' MSL. Trees beginning 1220' from DER, 96' right of centerline, up to 690' MSL. Trees beginning 1330' from DER, 209' right of centerline, up to 695' MSL. Trees and poles beginning 1367' from DER, on centerline, up to 704' MSL. Trees and pole beginning 1640' from DER, 34' left of centerline, up to 704' MSL. Trees and pole beginning 1674' from DER, 16' left of centerline, up to 709' MSL. Trees and poles beginning 1767' from DER, 14' left of centerline, up to 80' AGL/717' MSL. Trees, sign and pole beginning 2148' from DER, 218' left of centerline, up to 724' MSL. Tower and trees beginning 2546' from DER, 44' left of centerline, up to 99' AGL/749' MSL. Tree 2813' from DER, 167' right of centerline, 724' MSL. Trees beginning 2824' from DER, 199' right of centerline, up to 730' MSL. Trees beginning 2958' from DER, 39' right of centerline, up to 732' MSL. Spire 4511' from DER, 1449' right of centerline, 126' AGL/753' MSL. Transmission lines and trees beginning 4715' from DER, 1068' left of centerline, up to 102' AGL/802' MSL. Trees beginning 4969' from DER, 1024' left of centerline, up to 803' MSL. Trees beginning 5057' from DER, 1185' left of centerline, up to 809' MSL. Trees and transmission line, pole beginning 5168' from DER, 221' left of centerline, up to 813' MSL. Antenna 5409' from DER, 1145' right of centerline, 110' AGL/774' MSL. Trees beginning 5581' from DER, 454' left of centerline, up to 819' MSL. Tree 5591' from DER, 48' right of centerline, 781' MSL. Trees and transmission line beginning 5680' from DER, 254' left of centerline, up to 837' MSL. Tree 5757' from DER, 562' right of centerline, 782' MSL. Trees, building and transmission line beginning 5812' from DER, 58' left of centerline, up to 838' MSL. Tree 5993' from DER, 17' right of centerline, 787' MSL. Trees and transmission lines beginning 5997' from DER, 299' left of centerline, up to 842' MSL. Trees and poles beginning 1 NM from DER, 819' left of centerline, up to 844' MSL. Transmission line 1.1 NM from DER, 2018' left of centerline, 129' AGL/891' MSL. Poles, trees and transmission line beginning 1.1 NM from DER, 321' left of centerline, up to 126' AGL/893' MSL. Trees beginning 1.2 NM from DER, 703' left of centerline, up to 897' MSL. Tree 1.2 nm from DER, 560' right of centerline, 826' MSL. Trees beginning 1.2 NM from DER, 118' left of centerline, up to 906' MSL. Trees beginning 1.2 NM from DER, 220' right of centerline, up to 843' MSL. Trees beginning 1.3 NM from DER, 60' right of centerline, up to 864' MSL. Trees and pole beginning 1.3 NM from DER, 94' left of centerline, up to 971' MSL.

21 JUN 2018 to 19 JUL 2018

21 JUN 2018 to 19 JUL 2018

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

18144



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

18144

## BIRMINGHAM, AL (CON'T) BIRMINGHAM-SHUTTLESWORTH INTL (BHM) (CON'T)

**Rwy 18 (CON'T)**, trees, Building, and pole beginning 1.4 NM from DER, 800' left of centerline, up to 1041' MSL. Trees, poles, transmission line, tank and water tower beginning 1.5 NM from DER, 426' left of centerline, up to 1139' MSL. Tower, antenna, trees, pole and buildings beginning 1.7 NM from DER, 1' left of centerline, up to 150' AGL/1219' MSL. Tree 1.7 NM from DER, 203' right of centerline, 925' MSL. Trees beginning 1.8 NM from DER, 94' right of centerline, up to 1017' MSL. Buildings and trees beginning 1.9 NM from DER, 3' right of centerline, up to 1106' MSL. Tree 2 NM from DER, 1019' right of centerline, 1120' MSL. Trees beginning 2 NM from DER, 127' right of centerline, up to 1134' MSL. Trees, pole, buildings and towers beginning 2.1 NM from DER, 423' right of centerline, up to 1167' MSL. Towers, trees, water tower, antenna and building beginning 2.2 NM from DER, 807' right of centerline, up to 114' AGL/1172' MSL. **Rwy 24**, lighting 7' from DER, 5' right of centerline, 1' AGL/604' MSL. Lighting 7' from DER, 5' left of centerline, 2' AGL/604' MSL. Tree 991' from DER, 561' left of centerline, 642' MSL. Trees beginning 1057' from DER, 648' left of centerline, up to 663' MSL. Tree and sign beginning 1610' from DER, 757' left of centerline, up to 673' MSL. Tree 2636' from DER, 1172' left of centerline, 690' MSL. **Rwy 36**, traverse way, fences, terrain and tree beginning 159' from DER, 505' right of centerline, up to 16' AGL/661' MSL. Terrain 192' from DER, 493' left of centerline, 653' MSL. Tree 326' from DER, 528' left of centerline, 682' MSL. Trees, terrain, poles, fences and vegetation beginning 467' from DER, 2' right of centerline, up to 726' MSL. Tree 576' from DER, 532' left of centerline, 696' MSL. Trees and terrain beginning 792' from DER, 215' left of centerline, up to 728' MSL. Trees and terrain beginning 986' from DER, 122' left of centerline, up to 729' MSL. Trees beginning 1332' from DER, 106' left of centerline, up to 745' MSL. Trees, pole and traverse way beginning 1378' from DER, 188' left of centerline, up to 750' MSL. Trees and terrain beginning 1632' from DER, 82' left of centerline, up to 768' MSL. Tree, terrain and vegetation beginning 1921' from DER, 76' right of centerline, up to 738' MSL. Terrain beginning 2189' from DER, 433' right of centerline, up to 753' MSL. Trees and terrain beginning 2331' from DER, 38' right of centerline, up to 785' MSL. Terrain and tree beginning 2444' from DER, 17' left of centerline, up to 772' MSL. Terrain beginning 2714' from DER, 356' left of centerline, up to 775' MSL. Trees, vegetation, terrain and poles beginning 2816' from DER, on centerline, up to 839' MSL. Trees, terrain and poles beginning 2877' from DER, 3' left of centerline, up to 846' MSL. Trees and terrain beginning 3808' from DER, 44' right of centerline, up to 870' MSL. Trees, terrain and pole beginning 4114' from DER, 20' right of centerline, up to 872' MSL. Trees beginning 4345' from DER, 864' right of centerline, up to 105' AGL/875' MSL. Trees, terrain, building and poles beginning 4427' from DER, on centerline, up to 879' MSL. Trees and traverse way beginning 5381' from DER, 183' left of centerline, up to 852' MSL. Tree 5435' from DER, 1013' left of centerline, 861' MSL. Tree and poles beginning 5465' from DER, 44' left of centerline, up to 864' MSL. Trees, poles and traverse way beginning 5529' from DER, 85' left of centerline, up to 870' MSL. Trees beginning 5653' from DER, 320' left of centerline, up to 874' MSL. Trees, vegetation, pole, traverse way and building beginning 5707' from DER, 143' left of centerline, up to 879' MSL.

## BIRMINGHAM, AL (CON'T) BIRMINGHAM-SHUTTLESWORTH INTL (BHM) (CON'T)

**Rwy 36 (CON'T)**, trees and traverse way beginning 5913' from DER, 175' left of centerline, up to 887' MSL. Trees, tower, traverse way, pole, terrain and building beginning 1 nm from DER, 32' left of centerline, up to 908' MSL. Trees and poles beginning 1.1 NM from DER, 1193' right of centerline, up to 907' MSL. Tree 1.7 NM from DER, 262' left of centerline, 109' AGL/919' MSL.

## BLAIRSVILLE, GA BLAIRSVILLE (DZJ) TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 14261 (FAA)  
TAKEOFF MINIMUMS: **Rwys 8, 26**, 2700-3 for climb in visual conditions.  
DEPARTURE PROCEDURE: **Rwy 8**, for climb in visual conditions: cross Blairsville airport at or above 4500 MSL before proceeding on course. When executing VCOA, notify ATC prior to departure. **Rwy 26**, for climb in visual conditions: cross Blairsville airport at or above 4500 MSL before proceeding on course. When executing VCOA, notify ATC prior to departure.  
TAKEOFF OBSTACLE NOTES: **Rwy 8**, vehicles on roadway beginning 1452' from DER, left and right of centerline, up to 15' AGL/1934' MSL. Trees beginning 1354' from DER, 334' right of centerline, up to 100' AGL/2059' MSL. Trees beginning 1644' from DER, 3' left of centerline, up to 100' AGL/2539' MSL. Tower 1.75 NM from DER, 559' left of centerline, 150' AGL/2550' MSL.  
**Rwy 26**, vehicles on roadway beginning 939' from DER, left and right of centerline, up to 15' AGL/1974' MSL. Trees beginning 435' from DER, 132' right of centerline, up to 100' AGL/2239' MSL. Trees beginning 419' from DER, 534' left of centerline, up to 100' AGL/2059' MSL. Trees beginning 1.22 NM from DER, 2394' left of centerline, up to 100' AGL/2259' MSL.

## BLAKELY, GA EARLY COUNTY (BIJ) TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 08045 (FAA)  
TAKEOFF OBSTACLE NOTES: **Rwy 5**, trees beginning 12' from DER, 214' left of centerline, up to 100' AGL/319' MSL. Trees beginning 17' from DER, 122' right of centerline, up to 100' AGL/329' MSL. Vehicles on roadway, beginning 416' from DER, left and right of centerline, up to 17' AGL/236' MSL. Trains on railroad tracks beginning 883' from DER, 684' left of centerline, up to 23' AGL/242' MSL. **Rwy 23**, trees beginning at DER, 2924' right of centerline, up to 100' AGL/319' MSL. Trees beginning 417' from DER, left and right of centerline, up to 100' AGL/319' MSL. Vehicles on roadway, 537' from DER, 628' right of centerline, up to 17' AGL/236' MSL. Buildings 1418' from DER, 203' left of centerline, up to 50' AGL/269' MSL.

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

18144

SE-4

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

18144

## BREWTON, AL

### BREWTON MUNI (12J)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 2 10070 (FAA)

TAKEOFF MINIMUMS: **Rwys 18, 36**, NA-Closed Indef.  
TAKEOFF OBSTACLE NOTES: **Rwy 6**, trees 141'  
from DER, 33' left of centerline, 25' AGL/121' MSL.  
**Rwy 12**, trees 199' from DER, 495' right of  
centerline, 57' AGL/156' MSL. Vehicle on road, 1906'  
from DER, 456' right of centerline, 15' AGL/156' MSL.  
**Rwy 24**, trees 380' from DER, 135' left of  
centerline, 25' AGL, 127' MSL. **Rwy 30**, trees 92' from  
DER, 391' right of centerline, 46' AGL/126' MSL.  
Trees, 2654' from DER, 1129' left of centerline, 91'  
AGL/161' MSL.

## BRUNSWICK, GA

### BRUNSWICK GOLDEN ISLES (BQK)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG 06215 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 7**, tree 1380' from  
DER, 840' right of centerline, 38' AGL/57' MSL. **Rwy  
25**, multiple trees beginning 1259' from DER, 688' right  
of centerline, up to 50' AGL/74' MSL.

## MCKINNON ST. SIMONS ISLAND (SSI)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 3 12040 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 4**, trees beginning  
11' from DER, left/right of centerline, up to 100'  
AGL/116' MSL. Buildings beginning 54' from DER, left/  
right of centerline, up to 39' AGL/55' MSL. Poles  
beginning 57' from DER, left/right of centerline, up to  
51' AGL/67' MSL. **Rwy 16**, trees beginning 62' from  
DER, left/right of centerline, up to 107' AGL/119' MSL.  
Poles beginning 944' from DER, left/right of centerline,  
up to 44' AGL/56' MSL. Towers beginning 2586' from  
DER, left/right of centerline, up to 109' AGL/121' MSL.  
**Rwy 22**, trees beginning 16' from DER, left/right of  
centerline, up to 100' AGL/111' MSL. Poles beginning  
186' from DER, 251' right of centerline, up to 110'  
AGL/122' MSL. **Rwy 34**, trees beginning 87' from DER,  
left/right of centerline, up to 97' AGL/114' MSL. Poles  
beginning 802' from DER, left/right of centerline, up to  
50' AGL/67' MSL. Buildings beginning 1036' from DER,  
left/right of centerline, up to 34' AGL/51' MSL.

## BUTLER, AL

### BUTLER-CHOCTAW COUNTY (09A)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1 16147 (FAA)

TAKEOFF MINIMUMS: **Rwy 30**, 300-1½ or std. w/min.  
climb of 255' per NM to 400.  
TAKEOFF OBSTACLE NOTES: **Rwy 12**, trees beginning  
1' from DER, 312' left of centerline, up to 208' MSL. Pole  
349' from DER, 493' right of centerline, 24' AGL/144'  
MSL. Pole 472' from DER, 411' right of centerline, 29'  
AGL/151' MSL. Trees beginning 731' from DER, crossing  
centerline, up to 162' MSL. Tree 881' from DER, 64' right  
of centerline, 163' MSL. Trees beginning 1073' from  
DER, 519' right of centerline up to 187' MSL. Trees, pole  
beginning 1252' from DER, 27' left of centerline, up to  
199' MSL. Trees beginning 1288' from DER, 93' right of  
centerline, up to 192' MSL. Trees beginning 1476' from  
DER, 29' right of centerline, up to 193' MSL. Trees  
beginning 1548' from DER, 516' right of centerline, up to  
201' MSL. Trees beginning 2006' from DER, 860' right of  
centerline, up to 202' MSL. **Rwy 30**, trees beginning 93'  
from DER, 286' right of centerline, up to 195' MSL. Trees  
beginning 100' from DER, 249' left of centerline, up to  
168' MSL. Trees beginning 246' from DER, 297' right of  
centerline, up to 196' MSL. Trees beginning 372' from  
DER, 179' left of centerline, up to 178' MSL. Trees  
beginning 622' from DER, 232' left of centerline, up to  
190' MSL. Trees beginning 796' from DER, 278' left of  
centerline, up to 213' MSL. Trees beginning 1047' from  
DER, 108' left of centerline, up to 220' MSL. Trees  
beginning 1461' from DER, 8' right of centerline, up to  
210' MSL. Trees beginning 1946' from DER, 147' left of  
centerline, up to 222' MSL. Tree 2515' from DER, 738'  
right of centerline, 212' MSL. Trees beginning 2522' from  
DER, 501' right of centerline, up to 215' MSL. Trees  
beginning 2750' from DER, 148' right of centerline, up to  
230' MSL. Trees beginning 3313' from DER, 318' right of  
centerline, up to 232' MSL. Trees beginning 3341' from  
DER, 279' left of centerline, up to 228' MSL. Trees  
beginning 3578' from DER, 289' right of centerline, up to  
236' MSL. Tree 5170' from DER, 1628' right of centerline,  
249' MSL. Trees beginning 5336' from DER, 1328' right  
of centerline, up to 279' MSL. Trees beginning 5481'  
from DER, 1173' right of centerline, up to 280' MSL.  
Trees beginning 5640' from DER, 155' right of centerline,  
up to 290' MSL. Trees beginning 6072' from DER, 717'  
right of centerline, up to 306' MSL. Tree 1 NM from DER,  
2027' right of centerline, 295' MSL.

## BUTLER, GA

### BUTLER MUNI (6A1)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1 13234 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 18**, trees beginning  
64' from DER, 28' left of centerline, up to 84' AGL/734'  
MSL. Bushes beginning 85' from DER, 234' right of  
centerline, up to 15' AGL/665' MSL. Trees beginning 637'  
from DER, 21' right of centerline, up to 86' AGL/727'  
MSL. Airport beacon 826' from DER, 304' left of  
centerline, 56' AGL/706' MSL. Pole 868' from DER, 370'  
left of centerline, 51' AGL/701' MSL. **Rwy 36**, trees  
beginning 196' from DER, 483' left of centerline, up to 51'  
AGL/651' MSL.

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

18144

SE-4

21 JUN 2018 to 19 JUL 2018

21 JUN 2018 to 19 JUL 2018

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

18144

## CAIRNS AAF (KOZR)

FORT RUCKER, AL  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG, 09127

**Rwy 6, 24, 18, 36, and Helipads C, G, A, D1, D2:**

Standard. All other helipads, NA.

DEPARTURE PROCEDURE: **Helipad C:** Climb heading 178° to 1000 before proceeding on course. **Helipad G:** Climb heading 178° to 1000 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 6:** Trees 483' from DER, 616' left of centerline 75' AGL/344' MSL. Trees 738' from DER, 641' right of centerline, 75' AGL/ 344' MSL. Trees 1,777' from DER, 825' left of centerline, 75' AGL/354' MSL. **Rwy 24:** Trees 266' from DER, 538' right of centerline, 75' AGL/354' MSL. Trees 2,501' from DER, 914' right of centerline, 75' AGL/375' MSL. Reflector 149' from DER, 149' right of centerline, 13' AGL/309' MSL. Reflector 149' from DER, 150' left of centerline, 13' AGL/309' MSL. Telephone poles beginning 1,068' from DER, 303' left of centerline, up to 23' AGL/332' MSL. **Rwy 18:** Trees 525' from DER, 578' left of centerline, 75' AGL/364' MSL. **Rwy 36:** Trees 1,199' from DER, 783' right of centerline, 75' AGL/384' MSL. Trees 3,149' from DER, 1,104' right of centerline, 75' AGL/394' MSL.

## CAIRO, GA

CAIRO-GRADY COUNTY (70J)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 3 10266 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 13,** trees beginning 36' from DER, 240' left of centerline, up to 35' AGL/259' MSL. Trees beginning 203' from DER, 37' right of centerline, up to 35' AGL/273' MSL. Trees beginning 1037' from DER, 67' right of centerline, up to 35' AGL/285' MSL. Trees beginning 1295' from DER, 1' left of centerline, up to 35' AGL/275' MSL. **Rwy 31,** truck 120' from DER, 217' left of centerline, 15' AGL/274' MSL. Trees beginning 277' from DER, 355' right of centerline, up to 35' AGL/306' MSL. Trees beginning 1188' from DER, 4' right of centerline, up to 35' AGL/335' MSL. Trees beginning 1777' from DER, 74' left of centerline, up to 35' AGL/334' MSL.

## CALHOUN, GA

TOM B DAVID FIELD (CZL)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 3 13346 (FAA)

TAKEOFF MINIMUMS: **Rwy 17,** min. climb of 230' per NM to 1600, or 1200-3 for climb in visual conditions. **Rwy 35,** 400-2½ or std. w/min. climb of 220' per NM to 1100 or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1900' prior to DER.

DEPARTURE PROCEDURE: **Rwy 17,** climb heading 173° to 1200 before proceeding on course. For climb in visual conditions, cross Tom B. David Field at or above 1700 before proceeding on course. When executing VCOA, notify ATC prior to departure. **Rwy 35,** climb heading 353° to 1700 before turning left.

TAKEOFF OBSTACLE NOTES: **Rwy 17,** trees, poles, and buildings beginning 245' from DER, left and right of centerline, up to 75' AGL/725' MSL. Trees and poles beginning 1663' from DER, left and right of centerline, up to 139' AGL/779' MSL. Trees beginning 1 NM from DER, 916' left of centerline, up to 119' AGL/879' MSL. **Rwy 35,** trees and bushes beginning 75' from DER, left and right of centerline, up to 100' AGL/730' MSL. Trees and poles beginning 1948' from DER, left and right of centerline, up to 108' AGL/738' MSL. Trees beginning 1.9 NM from DER, 298' right of centerline, up to 105' AGL/957' MSL.

## CAMDEN, AL

CAMDEN MUNI (61A)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG 17005 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 18,** trees, beginning 3' from DER, 204' left of centerline, up to 200' MSL. Trees, beginning 83' from DER, 418' left of centerline, up to 225' MSL. Tree, terrain, beginning 132' from DER, 48' right of centerline, up to 230' MSL. Tree, terrain, beginning 335' from DER, 52' right of centerline, up to 233' MSL. Tree 546' from DER, 279' left of centerline, 242' MSL. Tree, terrain, beginning 547' from DER, 35' left of centerline, up to 260' MSL. **Rwy 36,** tree, terrain, beginning 51' from DER, 188' left of centerline, up to 191' MSL. Tree 149' from DER, 252' right of centerline, 231' MSL. Tree, terrain, pole, beginning 166' from DER, 18' right of centerline, up to 239' MSL. Trees, beginning 416' from DER, 516' left of centerline, up to 212' MSL. Tree, pole, ant, bush, beginning 444' from DER, 98' left of centerline, up to 219' MSL.

21 JUN 2018 to 19 JUL 2018

21 JUN 2018 to 19 JUL 2018

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

18144

SE-4


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

  
**DIVERSE VECTOR AREA (RADAR VECTORS)**

18144

**CAMILLA, GA**

CAMILLA-MITCHELL COUNTY (CXU)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 2 14009 (FAA)

DEPARTURE PROCEDURE: **Rwy 8**, climb heading 084° to 1100 before turning right.TAKEOFF OBSTACLE NOTES: **Rwy 8**, tree 127' from DER, 348' right of centerline, 15' AGL/185' MSL. Trees beginning 223' from DER, 499' left of centerline, up to 75' AGL/241' MSL. Trees beginning 892' from DER, 514' right of centerline, up to 75' AGL/249' MSL. Trees beginning 1511' from DER, 9' left of centerline, up to 80' AGL/267' MSL. Trees beginning 1529' from DER, 94' right centerline, up to 80' AGL/269' MSL. **Rwy 26**, trees beginning 27' from DER, 409' left of centerline, up to 45' AGL/234' MSL. Tree 29' from DER, 312' right of centerline, 35' AGL/205' MSL. Tree 40' from DER, 125' left of centerline, 8' AGL/171' MSL. Trees beginning 940' from DER, 733' left of centerline, up to 75' AGL/229' MSL. Trees beginning 1696' from DER, 1696' right of centerline, up to 80' AGL/225' MSL.**CANON, GA**

FRANKLIN COUNTY (18A)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 08269 (FAA)

TAKEOFF MINIMUMS: **Rwy 8**, 400-2¼ or std. w/ min. climb of 217' per NM to 1400. Alternatively, with standard takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 1800' prior to DER.TAKEOFF OBSTACLE NOTES: **Rwy 8**, trees beginning 142' from DER, 9' right of centerline, up to 110' AGL/1006' MSL. Trees beginning 469' from DER, 43' left of centerline, up to 114' AGL/1004' MSL. **Rwy 26**, trees beginning 134' from DER, 301' right of centerline, up to 57' AGL/885' MSL. Trees beginning 514' from DER, 26' left of centerline, up to 73' AGL/902' MSL.**CANTON, GA**

CHEROKEE COUNTY (CNI)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 2 11237 (FAA)

TAKEOFF MINIMUMS: **Rwy 5**, std. w/min. climb of 300' per NM to 4500, or 1600-3 for climb in visual conditions. **Rwy 23**, 300-1 or std. w/min. climb of 236' per NM to 1500, or alternately, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1800' prior to DER.DEPARTURE PROCEDURE: **Rwy 5**, for climb in visual conditions: cross Cherokee County Airport at or above 2700 MSL before proceeding on course. **Rwy 23**, climb on heading 227° to 2500 before proceeding on course.TAKEOFF OBSTACLE NOTES: **Rwy 5**, trees beginning 196' from DER, 45' left of centerline, up to 100' AGL/1299' MSL. Trees beginning 215' from DER, 37' right of centerline, up to 100' AGL/1339' MSL. **Rwy 23**, pylon and trees beginning 142' from DER, 363' left of centerline, up to 51' AGL/1211' MSL. Trees beginning 164' from DER, 335' right of centerline, up to 100' AGL/1359' MSL.**CARROLLTON, GA**

WEST GEORGIA RGNL-O V GRAY FIELD

(CTJ)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 09127 (FAA)

TAKEOFF MINIMUMS: **Rwy 35**, 300-1 or std. w/ min. climb of 276' per NM to 1400.DEPARTURE PROCEDURE: **Rwy 35**, climb heading 348° to 1800 before turning east.TAKEOFF OBSTACLE NOTES: **Rwy 17**, trees beginning 261' from DER, 433' right of centerline, up to 100' AGL/1219' MSL. Trees beginning 301' from DER, 449' left of centerline, up to 100' AGL/1199' MSL. **Rwy 35**, trees beginning 123' from DER, 3' left of centerline, up to 100' AGL/1283' MSL. Trees beginning 1189' from DER, 127' right of centerline, up to 100' AGL/1283' MSL. Vehicle on road 2489' from DER, 477' left of centerline, 17' AGL/1235' MSL.**CARTERSVILLE, GA**

CARTERSVILLE (VPC)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 1 07298 (FAA)

TAKEOFF MINIMUMS: **Rwy 1**, 500-2¼ or std. w/ min. climb of 361' per NM to 1300. **Rwy 19**, 400-2½ or std. w/ min. climb of 600' per NM to 1300.DEPARTURE PROCEDURE: **Rwy 1**, climb heading 007° to 2300 before proceeding on course. **Rwy 19**, climb heading 187° to 1300 before turning westbound.TAKEOFF OBSTACLE NOTES: **Rwy 1**, trees beginning 24' from DER, 236' left of centerline, up to 74' AGL/798' MSL. Brush 199' from DER, 160' right of centerline, 26' AGL/756' MSL. Tree 1253' from DER, 641' right of centerline, 69' AGL/808' MSL. Trees beginning 8789' from DER, 2511' right of centerline, up to 100' AGL/1199' MSL. **Rwy 19**, terrain 194' from DER, 466' left of centerline, 0' AGL/775' MSL. Trees beginning 2357' from DER, 44' left of centerline, up to 80' AGL/1079' MSL. Trees beginning 2312' from DER, 119' right of centerline, up to 80' AGL/1019' MSL.**CEDARTOWN, GA**

POLK COUNTY AIRPORT - CORNELIUS

MOORE FIELD (4A4)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 1 11237 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 10**, trees beginning 9' from DER, 283' left of centerline, up to 100' AGL/1029' MSL. Trees beginning 25' from DER, 391' right of centerline, up to 100' AGL/1 017' MSL. **Rwy 28**, trees beginning 18' from DER, 466' left of centerline, up to 100' AGL/1042' MSL. Trees beginning 96' from DER, 282' right of centerline, up to 100' AGL/1025' MSL.

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

  
**DIVERSE VECTOR AREA (RADAR VECTORS)**

18144

SE-4

21 JUN 2018 to 19 JUL 2018

21 JUN 2018 to 19 JUL 2018

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

18144

## CENTRE, AL

### CENTRE-PIEDMONT CHEROKEE

#### COUNTY RGNL (PYP)

##### TAKEOFF MINIMUMS AND (OBSTACLE)

##### DEPARTURE PROCEDURES

ORIG 08101 (FAA)

DEPARTURE PROCEDURE: **Rwy 7**, Climb heading 067° to 1400 before turning South. **Rwy 25**, Climb heading 247° to 2500 before turning South.

TAKEOFF OBSTACLE NOTES: **Rwy 7**, multiple trees beginning 1481' from DER, 456' right of centerline up to 100' AGL/709' MSL. Multiple trees beginning 2273' from DER, 434' left of centerline up to 100' AGL/689' MSL. **Rwy 25**, multiple trees beginning 2780' from DER, 245' right of centerline up to 100' AGL/689' MSL. Tree 3093' from DER, 516' left of centerline 100' AGL/679' MSL.

## CENTREVILLE, AL

### BIBB COUNTY (OAB)

##### TAKEOFF MINIMUMS AND (OBSTACLE)

##### DEPARTURE PROCEDURES

ORIG 07354 (FAA)

TAKEOFF MINIMUMS: **Rwy 10**, 300-1¼ or std. w/ min. climb of 330' per NM to 600. **Rwy 28**, 300-2 or std. w/ min. climb of 300' per NM to 600.

DEPARTURE PROCEDURE: **Rwy 10**, climb heading 097° to 1000 before turning left.

TAKEOFF OBSTACLE NOTES: **Rwy 10**, brush 430' from DER, 42' right of centerline, 48' AGL/268' MSL. Trees beginning 4800' from DER, 1397' left of centerline, up to 100' AGL/479' MSL. **Rwy 28**, trees beginning at DER, 239' left of centerline, up to 100' AGL/339' MSL. Trees beginning at DER, 309' right of centerline, up to 100' AGL/499' MSL.

## CHATAM, AL

### ROY WILCOX (5R1)

##### TAKEOFF MINIMUMS AND (OBSTACLE)

##### DEPARTURE PROCEDURES

ORIG 14149 (FAA)

TAKEOFF MINIMUMS: **Rwy 12**, 300-1¼ or std. w/min. climb of 234' 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 12**, tree 17' from DER, 155' left of centerline, 100' AGL/223' MSL. Trees beginning 123' from DER, 171' right of centerline, up to 100' AGL/216' MSL. Trees beginning 290' from DER, 68' left of centerline, up to 100' AGL/259' MSL. Tree 1 NM from DER, 462' right of centerline, 100' AGL/309' MSL. **Rwy 30**, power pole and tree beginning 6' from DER, 197' left of centerline, up to 100' AGL/273' MSL. Trees and power pole beginning 95' from DER, 205' right of centerline, up to 100' AGL/272' MSL. Vehicles on road, poles and sign beginning 175' from DER, left and right of centerline, up to 15' AGL/189' MSL. Trees beginning 611' from DER, left and right of centerline, up to 100' AGL/258' MSL.

## CLANTON, AL

### CHILTON COUNTY (02A)

##### TAKEOFF MINIMUMS AND (OBSTACLE)

##### DEPARTURE PROCEDURES

AMDT 1 16259 (FAA)

TAKEOFF MINIMUMS: **Rwy 8**, 300-1¼ or std. w/min. climb of 520' per NM to 800.

DEPARTURE PROCEDURE: **Rwy 26**, climb heading 262° to 1000 before turning north.

TAKEOFF OBSTACLE NOTES: **Rwy 8**, catenary 135' from DER, 494' left of centerline, 51' AGL/611' MSL. Trees beginning 185' from DER, 328' left of centerline, up to 87' AGL/646' MSL. Tree, pole, bldg, flgpl beginning 389' from DER, 264' left of centerline, up to 101' AGL/657' MSL. Tree 612' from DER, 461' right of centerline, 77' AGL/644' MSL. Tree 767' from DER, 536' right of centerline, 83' AGL/657' MSL. Tree, pole beginning 936' from DER, 289' right of centerline, up to 103' AGL/679' MSL. Tree 1625' from DER, 782' left of centerline, 84' AGL/681' MSL. Trees beginning 1663' from DER, 578' left of centerline, up to 80' AGL/692' MSL. Tree, pole, vehicles on road beginning 1880' from DER, on centerline, up to 59' AGL/703' MSL. Tree, steeple, pole beginning 1981' from DER, 70' left of centerline, up to 90' AGL/701' MSL. Tree 2340' from DER, 926' right of centerline, 64' AGL/711' MSL. Tree, pole beginning 2362' from DER, 23' right of centerline, up to 91' AGL/720' MSL. Trees, poles beginning 2640' from DER, 177' right of centerline, up to 84' AGL/724' MSL. Trees, poles beginning 3180' from DER, 415' right of centerline, up to 108' AGL/732' MSL. Tree, pole beginning 3408' from DER, 9' left of centerline, up to 111' AGL/711' MSL. Tree, pole beginning 3538' from DER, 70' right of centerline, up to 94' AGL/736' MSL. Trees, pole beginning 4266' from DER, 155' left of centerline, up to 108' AGL/748' MSL. Tree, ant, pole beginning 4416' from DER, 619' right of centerline, up to 110' AGL/763' MSL. Tree, pole beginning 4688' from DER, 384' left of centerline, up to 95' AGL/752' MSL. Tree, pole beginning 4734' from DER, 1052' right of centerline, up to 95' AGL/772' MSL. Tree, pole beginning 4795' from DER, 313' right of centerline, up to 102' AGL/775' MSL. Trees beginning 4935' from DER, 45' left of centerline, up to 109' AGL/772' MSL. Trees beginning 1 NM from DER, 18' right of centerline, up to 99' AGL/777' MSL. Trees beginning 1.1 NM from DER, 15' left of centerline, up to 110' AGL/784' MSL. **Rwy 26**, pole 142' from DER, 444' left of centerline, 35' AGL/611' MSL. Grd, bldg beginning 200' from DER, 289' right of centerline, up to 15' AGL/608' MSL. Tree, pole beginning 375' from DER, 423' left of centerline, up to 79' AGL/662' MSL. Pole 428' from DER, 313' right of centerline, 35' AGL/628' MSL. Tree, pole beginning 454' from DER, 357' right of centerline, up to 69' AGL/665' MSL. Tree, vehicle on road, pole beginning 605' from DER, 4' right of centerline, up to 86' AGL/688' MSL. Tree, pole beginning 673' from DER, 381' left of centerline, up to 81' AGL/669' MSL. Trees, pole beginning 962' from DER, 13' right of centerline, up to 94' AGL/697' MSL. Tree, Pole beginning 1338' from DER, 30' left of centerline, up to 101' AGL/678' MSL. Tree, tank, water twr beginning 4449' from DER, 941' left of centerline, up to 110' AGL/729' MSL.

21 JUN 2018 to 19 JUL 2018

21 JUN 2018 to 19 JUL 2018

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

18144

SE-4

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

18144

## CLAXTON, GA

CLAXTON-EVANS COUNTY (CWV)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG 08269 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 9**, trees beginning at DER, left and right of centerline, up to 100' AGL/199' MSL. **Rwy 27**, trees beginning at DER, left and right of centerline, up to 100' AGL/229' MSL. Vehicles on highway beginning 236' from DER, left and right of centerline, up to 17' AGL/136' MSL.

## CLAYTON, AL

CLAYTON MUNI (11A)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 2 14065 (FAA)

TAKEOFF MINIMUMS: **Rwy 9**, 400-2 or std. w/ min. climb of 500' per NM to 900. **Rwy 27**, 300-2 or std. w/ min. climb of 450' per NM to 800.

DEPARTURE PROCEDURE: **Rwy 9**, climb heading 097° to 900 before turning right.

TAKEOFF OBSTACLE NOTES: **Rwy 9**, trees beginning 157' from DER, 399' left of centerline, up to 65' AGL/502' MSL. Trees beginning 408' from DER, 302' right of centerline, up to 100' AGL/529' MSL. Trees 1628' from DER, 734' right of centerline, up to 100' AGL/550' MSL. Trees 620' from DER, 294' left of centerline, up to 100' AGL/527' MSL. Trees beginning 4830' from DER, 252' left of centerline, up to 100' AGL/575' MSL. Tank 5669' from DER, 1978' left of centerline, 135' AGL/735' MSL. Trees 1.1 NM from DER, 979' left of centerline, up to 100' AGL/694' MSL. Trees 1.7 NM from DER, 835' right of centerline, up to 100' AGL/694' MSL. Tank 1.1 NM from DER, 592' right of centerline, 135' AGL/735' MSL. **Rwy 27**, light pole 481' from DER, 207' right of centerline, 23' AGL/463' MSL. Trees beginning 1152' from DER, 372' left of centerline, up to 100' AGL/516' MSL. Trees beginning 1915' from DER, 411' right of centerline, up to 100' AGL/521' MSL. Trees 2786' from DER, 667' left of centerline, up to 100' AGL/579' MSL. Trees 1.4 NM from DER, 2359' right of centerline, up to 100' AGL/659' MSL. Trees 1.1 NM from DER, 732' left of centerline, up to 100' AGL/605' MSL.

## COCHRAN, GA

COCHRAN (48A)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 2 09295 (FAA)

TAKEOFF MINIMUMS: **Rwy 23**, 300-1½ or std. w/ min. climb of 316' per NM to 700.

DEPARTURE PROCEDURE: **Rwy 5**, climb heading 049° to 1700 before turning left. **Rwy 11**, climb heading 107° to 1200 before turning left. **Rwy 23**, climb heading 229° to 900 before proceeding on course. **Rwy 29**, climb heading 287° to 900 before turning right.

TAKEOFF OBSTACLE NOTES: **Rwy 5**, trees beginning 10' from DER, left and right of centerline, up to 100' AGL/419' MSL. **Rwy 11**, mobile sprinklers, 166' from DER, 331' right of centerline, up to 24' AGL/345' MSL. Trees beginning 979' from DER, 753' left of centerline, up to 100' AGL/409' MSL. Trees beginning 1118' from DER, 678' right of centerline, up to 100' AGL/395' MSL. **Rwy 23**, road beginning 196' from DER, 541' left of centerline, 15' AGL/344' MSL. Trees beginning 746' from DER, 302' left of centerline, up to 100' AGL/499' MSL. Trees beginning 1061' from DER, 473' right of centerline, up to 100' AGL/539' MSL. **Rwy 29**, ground and trees beginning 42' from DER, 480' right of centerline, up to 100' AGL/464' MSL. Trees beginning 212' from DER, 367' left of centerline, up to 100' AGL/442' MSL.

## COLUMBUS, GA

COLUMBUS (CSG)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 7A 13122 (FAA)

TAKEOFF MINIMUMS: **Rwy 13**, std. w/ min. climb of 205' per NM to 1200 or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1200' prior to DER or 1700-2½' for climb in visual conditions. **Rwy 24**, std. with a min. climb of 225' per NM to 1800 or 1700-2½' for climb in visual conditions. **Rwy 31**, 300-2 or std. w/ min. climb of 404' per NM to 700.

DEPARTURE PROCEDURE: **Rwy 6**, climb heading 056° to 1400 before turning south. **Rwy 13**, climb heading 070° to 2100 before turning south or for climb in visual conditions cross Columbus airport at or above 1900 before proceeding on course. **Rwy 24**, climb heading 280° to 1900 before turning south or for climb in visual conditions cross Columbus airport at or above 1900 before proceeding on course. **Rwy 31**, climb heading 309° to 1400 before turning south.

TAKEOFF OBSTACLE NOTES: **Rwy 6**, vehicle on road, building and trees beginning 363' from DER, 6' left of centerline, up to 83' AGL/532' MSL. Trees beginning 748' from DER, 1' right of centerline, up to 51' AGL/501' MSL. **Rwy 13**, tower, flagpole, and trees beginning 396' from DER, 132' left of centerline, up to 475' AGL/989' MSL. Trees, bush, and electrical systems beginning 101' from DER, 55' right of centerline, up to 56' AGL/433' MSL. **Rwy 24**, trees beginning 894' from DER, 195' left of centerline, up to 44' AGL/465' MSL. Towers and trees beginning 2414' from DER, 298' right of centerline, up to 784' AGL/1404' MSL. **Rwy 31**, vehicle on road, bush, signs, poles, tower, and trees beginning 319' from DER, 33' left of centerline, up to 183' AGL/598' MSL. Trees, antenna, and vehicle on road beginning 319' from DER, 146' right of centerline, up to 100' AGL/569' MSL.

21 JUN 2018 to 19 JUL 2018

21 JUN 2018 to 19 JUL 2018

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

18144

SE-4

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

18144

**CORDELE, GA**

CRISP COUNTY-CORDELE (CKF)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 3 17117 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 6**, trees beginning 120' from DER, 376' left of centerline, up to 391' MSL. Tree 363' from DER, 531' right of centerline, 387' MSL. Tree 2313' from DER, 723' right of centerline, 389' MSL. Tree 2404' from DER, 788' right of centerline, 402' MSL. Trees beginning 2435' from DER, 323' right of centerline, up to 412' MSL. **Rwy 10**, tree, pole beginning 22' from DER, 258' left of centerline, up to 353' MSL. RD (N) 435' from DER, 405' right of centerline, 326' MSL. Tree, building beginning 627' from DER, 281' right of centerline, up to 390' MSL. Tree 1153' from DER, 418' left of centerline, 386' MSL. Trees beginning 1238' from DER, 426' left of centerline, up to 397' MSL. Trees beginning 1730' from DER, 376' left of centerline, up to 409' MSL. Tree 4162' from DER, 253' right of centerline, 426' MSL.

**Rwy 24**, trees beginning 162' from DER, 463' left of centerline, up to 382' MSL. Trees beginning 340' from DER, 342' right of centerline, up to 391' MSL. **Rwy 28**, tree 100' from DER, 384' right of centerline, 311' MSL. Tree 1199' from DER, 679' right of centerline, 370' MSL. Trees beginning 1235' from DER, 748' left of centerline, up to 372' MSL. Trees beginning 1760' from DER, 338' right of centerline, up to 391' MSL. Tree 2138' from DER, 107' left of centerline, 374' MSL. Trees beginning 2317' from DER, 412' left of centerline, up to 387' MSL. Tree 2537' from DER, 661' left of centerline, 388' MSL. Tree 3007' from DER, 277' right of centerline, 394' MSL. Tree 3205' from DER, 675' right of centerline, 400' MSL.

**CORNELIA, GA**

HABERSHAM COUNTY (AJR)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 4 11181 (FAA)

TAKEOFF MINIMUMS: **Rwy 6**, 400-2¼ or std. w/min. climb of 445' per NM to 2000.

DEPARTURE PROCEDURE: **Rwy 6**, climb heading 062° to 2300 before proceeding on course. **Rwy 24**, climb heading 242° to 1900 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 6**, trees, buildings, and poles beginning 68' from DER, 5' left of centerline, up to 100' AGL/1558' MSL. Trees, towers, tanks, and buildings beginning 149' from DER, 55' right of centerline, up to 127' AGL/1779' MSL. **Rwy 24**, rising terrain, trees, buildings, and poles beginning 465' from DER, 6' left of centerline, up to 100' AGL/1539' MSL. Trees, buildings, and poles beginning 517' from DER, 36' right of centerline, up to 100' AGL/1519' MSL.

**COURTLAND, AL**

COURTLAND (9A4)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 2A 18116 (FAA)

TAKEOFF MINIMUMS: **Rwy 31**, 300-1½ or std. w/ min. climb of 220' per NM to 900, or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1600' prior to DER.

TAKEOFF OBSTACLE NOTES: **Rwy 13**, terrain 34' from DER, 413' right of centerline, 573' MSL. **Rwy 18**, tree 4707' from DER, 1588' right of centerline, 100' AGL/709' MSL. **Rwy 31**, terrain 16' from DER, 484' right of centerline, 584' MSL. Trees beginning 1864' from DER, left and right of centerline, up to 100' AGL/ 759' MSL.

**Rwy 36**, fence 192' from DER, 494' left of centerline, 6' AGL/591' MSL. Vehicles on road beginning 567' from DER, left and right of centerline, 15' AGL/600' MSL. Trees beginning 728' from DER, left and right of centerline, up to 100' AGL/658' MSL.

**CULLMAN, AL**

CULLMAN RGNL-FOLSOM FIELD (CMD)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 2A 13178 (FAA)

TAKEOFF MINIMUMS: **Rwy 20**, 300-1¼ or std. w/ min. climb of 585' per NM to 1300.

TAKEOFF OBSTACLE NOTES: **Rwy 2**, rising terrain beginning 40' from DER, 125' right of centerline, up to 980' MSL. Pole 1429' from DER, 665' right of centerline, 41' AGL/1006' MSL. Trees beginning 1672' from DER, left and right of centerline, up to 100' AGL/1119' MSL.

**Rwy 20**, trees beginning at DER, 488' left of centerline, up to 99' AGL/1033' MSL. Trees beginning at DER, 534' right of centerline, up to 79' AGL/994' MSL. Building 436' from DER, 521' right of centerline, 20' AGL/953' MSL. Building 725' from DER, 556' right of centerline, 23' AGL/954' MSL. Trees beginning 1174' from DER, left and right of centerline, up to 125' AGL/1119' MSL. Water tower, 1.5 NM from DER 960' left of centerline, 199' AGL/1184' MSL.

21 JUN 2018 to 19 JUL 2018

21 JUN 2018 to 19 JUL 2018

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

18144

SE-4

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

18144

## DALTON, GA

### DALTON MUNI (DNN)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 5 17117 (FAA)

TAKEOFF MINIMUMS: **Rwy 14**, 300-1 and 211' per NM to 2800 or standard w/min. climb of 675' per NM to 1000 or 2300-3 for VCOA.

DEPARTURE PROCEDURE: **Rwy 14**, climb heading 140° to 2800 before turning left. **Rwy 32**, climb heading 320° to 2000 before proceeding on course.

VCOA: **Rwy 14**, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Dalton Muni at or above 2900 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 14**, tree 117' from DER, 428' left of centerline, 695' MSL. Tree 123' from DER, 428' left of centerline, 699' MSL. Trees beginning 1366' from DER, 388' left of centerline, up to 737' MSL. Trees beginning 1559' from DER, 90' left of centerline, up to 741' MSL. Tree 1684' from DER, 91' right of centerline, 746' MSL. Trees beginning 1752' from DER, 36' right of centerline, up to 760' MSL. Trees beginning 1781' from DER, 171' left of centerline, up to 744' MSL. Trees beginning 1903' from DER, 81' right of centerline, up to 768' MSL. Trees beginning 2110' from DER, 778' left of centerline, up to 794' MSL. Trees beginning 2320' from DER, 282' left of centerline, up to 858' MSL. Trees and building beginning 2444' from DER, 2' left of centerline, up to 904' MSL. **Rwy 32**, Tree 674' from DER, 549' right of centerline, 739' MSL. Trees beginning 843' from DER, 514' right of centerline, up to 740' MSL. Tree 1076' from DER, 630' right of centerline, 751' MSL. Tree 1137' from DER, 673' left of centerline, 758' MSL. Building and Trees beginning 1302' from DER, 507' left of centerline, up to 773' MSL. Tree 1762' from DER, 920' left of centerline, 802' MSL. Tree 1840' from DER, 903' left of centerline, 804' MSL. Trees beginning 1853' from DER, 659' left of centerline, up to 806' MSL. Tree 2309' from DER, 383' right of centerline, 767' MSL. Trees beginning 2433' from DER, 274' left of centerline, up to 813' MSL. Tree 2759' from DER, 148' right of centerline, 777' MSL. Trees beginning 3262' from DER, 708' left of centerline, up to 830' MSL. Trees beginning 3334' from DER, 218' right of centerline, up to 808' MSL. Trees beginning 3339' from DER, 709' left of centerline, up to 831' MSL. Trees beginning 3683' from DER, 973' left of centerline, up to 832' MSL. Trees beginning 3881' from DER, 976' left of centerline, up to 836' MSL. Tree 4129' from DER, 440' right of centerline, 812' MSL. Trees beginning 4325' from DER, 976' left of centerline, up to 837' MSL. Tree 4375' from DER, 1292' left of centerline, 843' MSL. Trees beginning 4391' from DER, 292' left of centerline, up to 854' MSL.

## DAWSON, GA

### DAWSON MUNI (16J)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG 00279 (FAA)

TAKEOFF MINIMUMS: **Rwy 31**, 300-1or std. with a min. climb of 270' per NM to 600.

## DECATUR, AL

### PRYOR FIELD RGNL (DCU)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1 06159 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 18**, multiple trees beginning 461' from DER, 179' right of centerline, up to 100' AGL/697' MSL. **Rwy 36**, tree 2582' from DER, 791' right of centerline, 100' AGL/685' MSL.

## DEMOPOLIS, AL

### DEMOPOLIS RGNL (DYA)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1A 14205 (FAA)

TAKEOFF MINIMUMS: **Rwy 22**, 300-1 or std. w/ min. climb of 370' per NM to 400.

DEPARTURE PROCEDURE: **Rwy 4**, trees beginning at DER, 196' left and 151' right of centerline up to 100' AGL/209' MSL. **Rwy 22**, trees beginning 295' from DER, 245' right of centerline up to 100' AGL/209' MSL. Stack 4902' from DER, 1717' right of centerline, 180' AGL/273' MSL. Water tank 5607' from DER, 1066' right of centerline, 148' AGL/243' MSL. Stack 4875' from DER, 2209' right of centerline, 295' AGL/391' MSL.

## DOBBINS ARB (KMGJ)

### MARIETTA, GA

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 5, 15036

DEPARTURE PROCEDURE: **Rwy 11**, Standard with minimum climb of 244 ft/NM to 1400. **Rwy 29**, Standard with minimum climb of 250 ft/NM to 2200.

TAKEOFF OBSTACLE NOTES: **Rwy 11**, terrain 1 NM from DER, 1301' right of centerline, 1177' MSL. Multiple pylons 4978' from DER, 336' right of centerline, 1086' MSL to 5697' from DER, 897' right of centerline, 1098' MSL. **Rwy 29**, antenna 1087' from DER, 259' left of centerline, 1094' MSL. Tree 3280' from DER, 585' left of centerline, 1190' MSL. Tree 2831' from DER, 674' left of centerline, 58' AGL/1157' MSL. Tree 3685' from DER, 758' left of centerline, 1164' MSL. Tree 3520' from DER, 673' right of centerline, 64' AGL/1166' MSL. Tree 3767' from DER, 689' right of centerline, 67' AGL/1159' MSL. Tower 3279' from DER, 586' left of centerline, 1188' MSL.

## DONALSONVILLE, GA

### DONALSONVILLE MUNI (17J)

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

TAKEOFF OBSTACLE NOTES: **Rwy 19**, trees beginning 565' from DER, 107' right of centerline, up to 100' AGL/239' MSL. Vehicle on road, 608' from DER, on centerline, 15' AGL/154' MSL. **Rwy 1**, trees beginning 857' from DER, 326' right of centerline, up to 100' AGL/259' MSL. Trees beginning 1916' from DER, 974' left of centerline, up to 100' AGL/249' MSL.

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

18144

SE-4

21 JUN 2018 to 19 JUL 2018

21 JUN 2018 to 19 JUL 2018



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

18144

## DOTHAN, AL

DOTHAN RGNL (DHN)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG-A 10350 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 18**, trees beginning 2047' from DER, 54' right of centerline, up to 75' AGL/457' MSL. Pole 1434' from DER, 263' left of centerline, 48' AGL/418' MSL. **Rwy 32**, trees beginning 418' from DER, 575' left of centerline, up to 59' AGL/430' MSL. REILs beginning 43' from DER, 150' left and 137' right of centerline, up to 3' AGL/402' MSL. **Rwy 36**, trees beginning 628' from DER, 362' right of centerline, up to 45' AGL/424' MSL. Tree 339' from DER, 489' right of centerline, 55' AGL/434' MSL. Trees beginning 629' from DER, 122' right of centerline, up to 41' AGL/426' MSL. Trees beginning 549' from DER, 309' right of centerline, up to 63' AGL/453' MSL. Tree 1172' from DER, 58' left of centerline, 50' AGL/435' MSL. Trees beginning 3662' from DER, left and right of centerline, up to 88' AGL/493' MSL. Tree 1037' from DER, 676' right of centerline, 93' AGL/ 453' MSL.

## DOUGLAS, GA

DOUGLAS MUNI (DQH)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 2 10322 (FAA)

TAKEOFF MINIMUMS: **Rwy 4**, std. with a min. climb of 250' per NM to 1100 or 900-2½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 4**, for climb in visual conditions cross Douglas Muni at or above 1100 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 4**, light poles beginning 408' from DER, 408' right of centerline, up to 100' AGL/291' MSL. Vehicle on road 20' from DER, 417' right of centerline, 15' AGL/271' MSL. Vehicle on road 20' from DER, 418' left of centerline, 15' AGL/271' MSL. **Rwy 22**, trees beginning 13' from DER, 400' right of centerline, up to 100' AGL/349' MSL.

## DUBLIN, GA

W. H. "BUD" BARRON (DBN)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 1 07242 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 2**, trees beginning 2028' from DER, 810' left of centerline, up to 100' AGL/419' MSL. Interstate with vehicle 754' from DER, 88' right of centerline, 17' AGL/326' MSL. **Rwy 20**, trees beginning 2766' from DER, 839' right of centerline, up to 100' AGL/419' MSL. Road with vehicle 850' from DER, 91' left of centerline, 15' AGL/285' MSL. **Rwy 14**, trees beginning 1904' from DER, 167' right of centerline, up to 100' AGL/409' MSL. Trees beginning 1764' from DER, 67' left of centerline, up to 100' AGL/399' MSL. **Rwy 32**, trees beginning 1034' from DER, 193' right of centerline, up to 100' AGL/409' MSL. Trees beginning 1052' from DER, 220' left of centerline, up to 100' AGL/489' MSL.

## EASTMAN, GA

HEART OF GEORGIA RGNL (EZM)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 05132 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 2**, trees 2272' from DER, 106' right of centerline, 100' AGL/429' MSL. Trees 2833' from DER, 505' right of centerline, 100' AGL/439' MSL. Trees 3332' from DER, 1130' right of centerline, 100' AGL/449' MSL. **Rwy 20**, trees 802' from DER, 510' left of centerline, 100' AGL/379' MSL. Trees 1081' from DER, 126' right of centerline, 100' AGL/369' MSL.

## ELBERTON, GA

ELBERT COUNTY-PATZ FIELD (EBA)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 1 13346 (FAA)

TAKEOFF MINIMUMS: **Rwy 29**, 300-1½ or std. w/min. climb of 487' per NM to 900.

TAKEOFF OBSTACLE NOTES: **Rwy 11**, trees beginning 73' from DER, 180' right of centerline, up to 80' AGL/700' MSL. Trees beginning 79' from DER, 497' left of centerline, up to 60' AGL/663' MSL. Trees beginning 572' from DER, 527' left of centerline, up to 75' AGL/674' MSL. Trees beginning 930' from DER, 278' left of centerline, up to 80' AGL/684' MSL. Trees beginning 1367' from DER, 146' left of centerline, up to 100' AGL/685' MSL. Trees beginning 1962' from DER, 7' right of centerline, up to 100' AGL/687' MSL. Trees beginning 3693' from DER, 1225' right of centerline, up to 100' AGL/725' MSL. **Rwy 29**, tree 43' from DER, 187' left of centerline, 25' AGL/625' MSL. Tree 69' from DER, 475' left of centerline, 90' AGL/697' MSL. Vehicles on road beginning 94' from DER, 171' right of centerline, up to 15' AGL/631' MSL. Tree 132' from DER, 245' right of centerline, 60' AGL/664' MSL. Trees beginning 160' from DER, left and right of centerline, up to 100' AGL/721' MSL. Poles, vertical structure and vehicles beginning 929' from DER, 219' right of centerline, up to 62' AGL/700' MSL. Trees and poles beginning 1566' from DER, left and right of centerline, up to 100' AGL/734' MSL. Trees beginning 2479' from DER, left and right of centerline, up to 100' AGL/757' MSL. Buildings beginning 2665' from DER, 709' right of centerline, up to 36' AGL/697' MSL. Trees, buildings, poles beginning 2956' from DER, left and right of centerline, up to 100' AGL/769' MSL.

## ENTERPRISE, AL

ENTERPRISE MUNI (EDN)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 09239 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 5**, trees beginning 260' from DER, 50' left of centerline, up to 100' AGL/469' MSL. Tree 122' from DER, 177' right of centerline, 100' AGL/459' MSL.

**Rwy 23**, trees beginning 8' from DER, 203' right of centerline, up to 44' AGL/386' MSL. Trees beginning 10' from DER, 336' left of centerline, up to 28' AGL/370' MSL.

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

18144

SE-4

21 JUN 2018 to 19 JUL 2018

21 JUN 2018 to 19 JUL 2018

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

18144

## EUFAULA, AL

### WEEDON FIELD (EUF)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1 11237 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 18**, trees beginning 661' from DER, 397' left of centerline, up to 100' AGL/324' MSL. Pole 181' from DER, 353' left of centerline, 65' AGL/304' MSL. Trees beginning 1207' from DER, 425' left of centerline, up to 100' AGL/360' MSL. Trees beginning 2011' from DER, 335' right of centerline, up to 100' AGL/369' MSL. **Rwy 36**, trees beginning 1097' from DER, 618' left of centerline, up to 100' AGL/380' MSL. Trees beginning 16' from DER, 432' right of centerline, up to 100' AGL/376' MSL. Trees beginning 2746' from DER, 325' left of centerline, up to 100' AGL/356' MSL.

## EVERGREEN, AL

### EVERGREEN RGNL/ MIDDLETON FIELD (GZH)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 2A 18088 (FAA)

TAKEOFF MINIMUMS: **Rwy 19**, 300-1¼ or std. w/ min. climb of 215' per NM to 600, or alternatively, with std. takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1500' prior to DER. **Rwy 28**, 300-1¼ or std. w/ min. climb of 265' per NM to 600.

DEPARTURE PROCEDURE: **Rwy 19**, climb heading 188° to 800 before turning left.

TAKEOFF OBSTACLE NOTES: **Rwy 1**, trees beginning 316' from DER, left and right of centerline, up to 100' AGL/389' MSL. Vehicles on road beginning 517' from DER, left and right of centerline, up to 17' AGL/294' MSL. **Rwy 10**, rising terrain abeam DER, left and right of centerline, up to 259' MSL. Trees beginning 242' from DER, left and right of centerline, up to 100' AGL/359' MSL. **Rwy 19**, rising terrain abeam DER, left and right of centerline, up to 279' MSL. Trees beginning 394' from DER, left and right of centerline, up to 100' AGL/469' MSL. Vehicles on road beginning 696' from DER, left and right of centerline, up to 15' AGL/304' MSL. **Rwy 28**, windsock 159' from DER, 498' right of centerline, 20' AGL/281' MSL. Trees beginning 294' from DER, left and right of centerline, up to 100' AGL/489' MSL. Antenna 342' from DER, 455' right of centerline, 30' AGL/288' MSL.

## FAIRHOPE, AL

### H L SONNY CALLAHAN (CQF)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1 11125 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 1**, trees beginning 824' from DER, left and right of centerline, up to 100' AGL/204' MSL.

## FAYETTE, AL

### RICHARD ARTHUR FIELD (M95)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1 08045 (FAA)

TAKEOFF MINIMUMS: **Rwy 18**, 300-1¼ or std. w/ min. climb of 349' per NM to 700. **Rwy 36**, 300-1 or std. w/ min. climb of 306' per NM to 600.

DEPARTURE PROCEDURE: **Rwy 18**, climb heading 183° to 1200 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 18**, terrain beginning at DER, 142' right of centerline, up to 335' MSL. Multiple trees beginning 230' from DER, 28' right of centerline, up to 100' AGL/435' MSL. Multiple trees beginning 40' from DER, 102' left of centerline, up to 93' AGL/ 418' MSL. Tower 1.0 NM from DER, 1395' right of centerline, 224' AGL/549' MSL. **Rwy 36**, tower 39' from DER, 341' left of centerline, 40' AGL/399' MSL. Multiple trees beginning 390' from DER, 14' right of centerline, up to 109' AGL/478' MSL. Multiple trees beginning 414' from DER, 67' left of centerline, up to 100' AGL/519' MSL. Multiple buildings beginning 244' from DER, 320' left of centerline, up to 21' AGL/391' MSL. Building 281' from DER, 289' right of centerline, 24' AGL/374' MSL. Multiple poles beginning 230' from DER, 203' left of centerline, up to 72' AGL/462' MSL. Multiple poles beginning 67' from DER, 210' right of centerline, up to 47' AGL/406' MSL. Vehicles on road 55' from DER, 232' right of centerline, up to 15' AGL/370' MSL.

## FITZGERALD, GA

### FITZGERALD MUNI (FZG)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1A 15064 (FAA)

TAKEOFF MINIMUMS: **Rwys 15, 33**, NA - Environmental. DEPARTURE PROCEDURE: **Rwy 2**, climbing right turn heading 037° to 1000 before turning left.

TAKEOFF OBSTACLE NOTES: **Rwy 2**, trees beginning abeam DER, 96' left of centerline, up to 85' AGL/464' MSL. Trees beginning 329' from DER, 10' right of centerline, up to 100' AGL/455' MSL. Power pole 414' from DER, 428' right of centerline, 21' AGL/381' MSL. Building 783' from DER, 600' left of centerline, 8' AGL/389' MSL. Power poles beginning 885' from DER, 229' left of centerline, up to 38' AGL/396' MSL. **Rwy 20**, trees beginning 193' from DER, 452' left of centerline, up to 111' AGL/430' MSL. Trees beginning 612' from DER, 379' right of centerline, up to 83' AGL/398' MSL.

## FLORALA, AL

### FLORALA MUNI (0J4)

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

TAKEOFF OBSTACLE NOTES: **Rwy 4**, trees beginning 14' from DER, 200' right of centerline, up to 100' AGL/419' MSL. Trees beginning 470' from DER, 54' left of centerline, up to 100' AGL/429' MSL. Vehicles on roadway beginning 417' from DER, left and right of centerline, up to 15' AGL/344' MSL. **Rwy 22**, trees beginning 16' from DER, 275' right of centerline, up to 100' AGL/409' MSL. Vehicles on roadway beginning 30' from DER, 298' right of centerline, up to 17' AGL/326' MSL. Trees beginning 340' from DER, 230' left of centerline, up to 100' AGL/379' MSL. Trees beginning 1164' from DER, left and right of centerline, up to 100' AGL/369' MSL.

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

18144

SE-4

21 JUN 2018 to 19 JUL 2018

21 JUN 2018 to 19 JUL 2018

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

18144

## FOLEY, AL

### FOLEY MUNI (5R4)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 1 09239 (FAA)

TAKEOFF MINIMUMS: **Rwy 36**, std. w/ min. climb of 240' per NM to 2800, or 1200-2½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 36**, for climb in visual conditions, cross Foley Muni airport at or above 1100 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 18**, fence 52' from DER, 341' right of centerline, 12' AGL/77' MSL. Trees beginning 81' from DER, 339' left of centerline, up to 81' AGL/146' MSL. Vehicles on roadway 444' from DER, left and right of centerline, up to 15' AGL/106' MSL. Tree 1173' from DER, 558' right of centerline, 86' AGL/151' MSL. Trees beginning 1815' from DER, left and right of centerline, up to 112' AGL/177' MSL. **Rwy 36**, trees beginning 68' from DER, 360' left of centerline, up to 94' AGL/159' MSL. Trees beginning 77' from DER, 365' right of centerline, up to 97' AGL/162' MSL. Trees beginning 1126' from DER, left and right of centerline, up to 97' AGL/157' MSL. Vehicles on roadway 1176' from DER, left and right of centerline, up to 15' AGL/98' MSL. Pole 1216' from DER, 408' right of centerline, 35' AGL/95' MSL. Pole 1357' from DER, 112' left of centerline, 36' AGL/101' MSL. Pole 1513' from DER, 183' left of centerline, 39' AGL/104' MSL.

## FORT PAYNE, AL

### ISBELL FIELD (4A9)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 1 10266 (FAA)

TAKEOFF MINIMUMS: **Rwy 4**, 400-2½ or std. w/ min. climb of 410' per NM to 1400. **Rwy 22**, 400-2 or std. w/ min. climb of 290' per NM to 1600.

DEPARTURE PROCEDURE: **Rwy 4**, climb heading 044° to 2400 before proceeding on course. **Rwy 22**, climb heading 224° to 2300 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 4**, trees beginning 111' from DER, 75' right of centerline, up to 100' AGL/1119' MSL. Poles beginning 879' from DER, 373' right of centerline, up to 125' AGL/1224' MSL. Obstruction light on WSK 66' from DER, 328' right of centerline, 78' AGL/957' MSL. Vehicles beginning 322' from DER, 285' right of centerline, up to 15' AGL/921' MSL. Buildings beginning 217' from DER, 426' right of centerline, up to 21' AGL/920' MSL. Fence beginning 494' from DER, 397' right of centerline, up to 6' AGL/892' MSL. GRD beginning 292' from DER, 289' right of centerline, up to 879' MSL. Trees beginning 569' from DER, 119' left of centerline, up to 100' AGL/973' MSL. Poles beginning 176' from DER, 397' left of centerline, up to 40' AGL/919' MSL. Building 935' from DER, 636' left of centerline, 39' AGL/918' MSL. Vehicles beginning 82' from DER, 359' left of centerline, up to 15' AGL/887' MSL. Fence 182' from DER, 299' left of centerline, 6' AGL/880' MSL. **Rwy 22**, trees beginning 59' from DER, 122' left of centerline, 100' AGL/1319' MSL. Poles beginning 1224' from DER, 101' left of centerline, up to 96' AGL/955' MSL. Trees beginning 46' from DER, 101' right of centerline, up to 100' AGL/972' MSL. Poles beginning 204' from DER, 17' right of centerline, up to 53' AGL/892' MSL. Vehicles beginning 137' from DER, 292' right of centerline, up to 15' AGL/869' MSL. Building 316' from DER, 476' right of centerline, 15' AGL/874' MSL.

## FORT STEWART (HINESVILLE), GA

### WRIGHT AAF (FORT STEWART)/

### MIDCOAST RGNL (LHW)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 09183 (FAA)

TAKEOFF MINIMUMS: **Rwys 6R, 15R, 24L, 33L**, NA-Obstacles.

TAKEOFF OBSTACLE NOTES: **Rwy 6L**, trees beginning 191' from DER, 207' left of centerline, up to 100' AGL/139' MSL. Trees beginning 27' from DER, 292' right of centerline, up to 100' AGL/149' MSL. **Rwy 15L**, trees beginning 201' from DER, 84' left of centerline, up to 100' AGL/129' MSL. Trees 249' from DER, 171' right of centerline, 100' AGL/139' MSL. **Rwy 24R**, trees beginning 80' from DER, 48' left of centerline, up to 100' AGL/159' MSL. Trees beginning 145' from DER, 317' right of centerline, up to 100' AGL/159' MSL. **Rwy 33R**, trees beginning 104' from DER, 101' left of centerline, up to 100' AGL/179' MSL. Trees beginning 68' from DER, 32' right of centerline, up to 100' AGL/159' MSL.

## GADSDEN, AL

### NORTHEAST ALABAMA RGNL (GAD)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 4 12040 (FAA)

TAKEOFF MINIMUMS: **Rwy 18**, std. w/ min climb of 340' per NM to 1700 or 1300-2½ for climb in visual conditions. **Rwy 36**, std. w/ min. climb of 307' per NM to 1500 or 1300-2 ½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 6**, climb heading 064° to 1300 before proceeding on course. **Rwy 18**, for climb in visual conditions cross Northeast Alabama Rgnl Airport at or above 1700 before proceeding on course.

**Rwy 24**, climb heading 244° to 2000 before proceeding on course. **Rwy 36**, climb heading 003° to 1100 before proceeding on course or for climb in visual conditions cross Northeast Alabama Rgnl Airport at or above 1700 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 6**, trees beginning 899' from DER, 620' left of centerline, up to 100' AGL/609' MSL. **Rwy 18**, trees beginning 362' from DER, 27' left of centerline, up to 100' AGL/648' MSL. Trees beginning 1471' from DER, 220' right of centerline, up to 100' AGL/652' MSL.

**Rwy 36**, trees beginning 102' from DER, 261' right of centerline, up to 100' AGL/659' MSL. Trees beginning 303' from DER, 70' left of centerline, up to 100' AGL/639' MSL. Tower 6045' from DER, 1155' right of centerline, 160' AGL/705' MSL.

21 JUN 2018 to 19 JUL 2018

21 JUN 2018 to 19 JUL 2018

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

18144

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

18144

## GAINESVILLE, GA

LEE GILMER MEMORIAL (GVL)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1 07242 (FAA)  
TAKEOFF MINIMUMS: **Rwy 5**, 300-1¼ or std. w/ min. climb of 311' per NM to 1600.  
DEPARTURE PROCEDURE: **Rwy 5**, climb heading 055° to 2100 before proceeding on course. **Rwy 11**, climb heading 110° to 1900 before turning north. **Rwy 23**, climb heading 224° to 2700 before turning south.  
TAKEOFF OBSTACLE NOTES: **Rwy 5**, multiple trees beginning 662' from DER, 78' right of centerline, up to 93' AGL/1330' MSL. Multiple trees and pole beginning 301' from DER, on centerline, up to 137' AGL/1361' MSL. Chimney 2298' from DER, 618' left of centerline, 131' AGL/1349' MSL. Building 73' from DER, 356' right of centerline, 18' AGL/1252' MSL. Tower 6415' from DER, 404' left of centerline, 206' AGL/1426' MSL. Tower 6538' from DER, 486' left of centerline, 214' AGL/1428' MSL. **Rwy 11**, trees 770' from departure end of runway, on centerline, 60' AGL/1317' MSL. **Rwy 23**, multiple trees beginning 443' from DER, 220' right of centerline, up to 98' AGL/1319' MSL. Trees 415' from DER, 304' left of centerline, 86' AGL/1291' MSL. **Rwy 29**, trees 1256' from DER, on centerline, 52' AGL/1306' MSL.

## GENEVA, AL

GENEVA MUNI (33J)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG 14205 (FAA)  
DEPARTURE PROCEDURE: **Rwy 11**, climb heading 111° to 2000 before turning right. **Rwy 29**, climb heading 291° to 1300 before turning left.  
TAKEOFF OBSTACLE NOTES: **Rwy 11**, vehicle on road 238' from DER, 254' left of course, 17' AGL/125' MSL. Trees 306' from DER, 305' left of centerline, up to 100' AGL/198' MSL. Trees 193' from DER, 168' right of centerline, up to 100' AGL/196' MSL. **Rwy 29**, trees 407' from DER, 174' left of centerline, up to 100' AGL/189' MSL. Trees 1393' from DER, left and right of centerline, up to 100' AGL/236' MSL.

## GREENSBORO, GA

GREENE COUNTY RGNL (3J7)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 3 10210 (FAA)  
TAKEOFF MINIMUMS: **Rwy 25**, 400-2.  
TAKEOFF OBSTACLE NOTES: **Rwy 7**, trees beginning 438' from DER, 8' right of centerline, up to 100' AGL/759' MSL. Vehicle on roadway 485' from DER, 603' left of centerline, 15' AGL/714' MSL. Train on tracks 623' from DER, 661' left of centerline, 23' AGL/722' MSL. Trees beginning 624' from DER, 36' left of centerline, up to 100' AGL/779' MSL. **Rwy 25**, vehicle on road, 7' from DER, 318' right of centerline, 15' AGL/695' MSL. Trees 2555' from DER, 208' right of centerline, up to 100' AGL/779' MSL. Vehicle on roadway, 86' from DER, 190' left of centerline, 15' AGL/690' MSL. trees 96' from DER, 76' left of centerline, up to 100' AGL/799' MSL. Water tower 2396' from DER, 1070' left of centerline, 199' AGL/870' MSL.

## GREENVILLE, AL

MAC CRENSHAW MEMORIAL (PRN)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1 04274 (FAA)  
DEPARTURE PROCEDURE: **Rwy 14**, climb via heading 142° to 900 before proceeding on course, **Rwy 32**, climb via heading 322° to 900 before proceeding on course.  
TAKEOFF OBSTACLE NOTES: **Rwy 14**, tower 2934' from DER, 565' right of centerline, 104' AGL/528' MSL, tree 1400' from DER, on centerline, 60' AGL/485' MSL.

## GRIFFIN, GA

GRIFFIN-SPALDING COUNTY (6A2)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1 12208 (FAA)  
TAKEOFF OBSTACLE NOTES: **Rwy 14**, trees beginning 129' from DER, 261' right of centerline, up to 89' AGL/989' MSL. Pole 168' from DER, 222' left of centerline, 35' AGL/ 961' MSL. **Rwy 32**, trees beginning 456' from DER, 158' left of centerline, up to 100' AGL/ 1062' MSL. Trees beginning 750' from DER, 78' right of centerline, up to 100' AGL/ 1087' MSL. Tower 1379' from DER, 667' right of centerline, 119' AGL/ 1019' MSL. Pole 1831' from DER, 421' left of centerline, 75' AGL/ 1022' MSL.

## GULF SHORES, AL

JACK EDWARDS NATIONAL (JKA)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG-A 18088 (FAA)  
TAKEOFF OBSTACLE NOTES: **Rwy 17**, poles beginning 553' from DER, 197' right of centerline, up to 26' AGL/46' MSL. Building and poles beginning 573' from DER, 202' right of centerline, up to 38' AGL/56' MSL. **Rwy 27**, tree 829' from DER, 453' right of centerline, 51' MSL. Tree, pole beginning 830' from DER, 14' right of centerline, up to 67' MSL. Pole 1404' from DER, 138' left of centerline, 38' AGL/51' MSL. Tree 1592' from DER, 439' right of centerline, 74' MSL. Tree 1637' from DER, 394' left of centerline, 70' MSL. Tree 1767' from DER, 309' right of centerline, 80' MSL. Tree 1832' from DER, 120' left of centerline, 89' MSL. Trees beginning 1949' from DER, 66' left of centerline, up to 98' MSL. Tree 2091' from DER, 327' left of centerline, 103' MSL. Trees beginning 2110' from DER, 175' right of centerline, up to 103' MSL. **Rwy 35**, tree 211' from DER, 356' left of centerline, 50' AGL/69' MSL. Building 570' from DER, 414' right of centerline, 30' AGL/53' MSL. Tree 1217' from DER, 82' right of centerline, 50' AGL/70' MSL.

21 JUN 2018 to 19 JUL 2018

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18144

SE-4

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18144

## GUNTSVILLE, AL

GUNTSVILLE MUNI-JOE STARNES  
FIELD (8A1)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 2 17117 (FAA)

TAKEOFF MINIMUMS: **Rwy 6, 24, NA**, environmental.

**Rwy 7**, 400-2½ w/ min. climb gradient 295' per NM to 1600' or 1100-2½ for VCOA. **Rwy 25**, std. w/min. climb of 245' per NM to 1500' or 1100-2½ for VCOA.

DEPARTURE PROCEDURE: **Rwy 7**, climb heading 069° to 1100 before turning.

VCOA: **Rwy 7**, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Guntersville Muni-Joe Starnes Field at or above 1600 before proceeding on course. **Rwy 25**, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Guntersville Muni-Joe Starnes Field at or above 1600 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 7**, airfield light 8' from DER, 17' right of centerline, 2' AGL/616' MSL. Airfield light 9' from DER, 16' left of centerline, 2' AGL/617' MSL. Ground 90' from DER, 489' right of centerline, 617' MSL. Ground 192' from DER, 492' right of centerline, 623' MSL. Ground 292' from DER, 410' right of centerline, 625' MSL. Vehicles on road, ground beginning 377' from DER, 406' right of centerline, up to 651' MSL. Vehicles on road 497' from DER, 479' right of centerline, 652' MSL. Tree, pole, ground beginning 568' from DER, 429' right of centerline, up to 715' MSL. Tree, vehicles on road beginning 713' from DER, 433' right of centerline, up to 719' MSL. Tree 1644' from DER, 573' left of centerline, 73' AGL/668' MSL. Trees beginning 2310' from DER, 525' right of centerline, up to 722' MSL. Trees beginning 2702' from DER, 847' right of centerline, up to 730' MSL. Trees beginning 2911' from DER, 972' right of centerline, up to 740' MSL. Trees beginning 3115' from DER, 775' right of centerline, up to 758' MSL. Trees beginning 3323' from DER, 675' right of centerline, up to 761' MSL. Trees beginning 3432' from DER, 699' right of centerline, up to 771' MSL. Trees beginning 3537' from DER, 1110' right of centerline, up to 801' MSL. Trees beginning 3590' from DER, 622' right of centerline, up to 805' MSL. Trees beginning 3696' from DER, 935' right of centerline, up to 835' MSL. Trees beginning 3696' from DER, 558' right of centerline, up to 846' MSL. Trees beginning 3801' from DER, 404' right of centerline, up to 894' MSL. Trees beginning 3801' from DER, 1062' right of centerline, up to 873' MSL. Trees beginning 3960' from DER, 608' right of centerline, up to 911' MSL. Trees beginning 4065' from DER, 549' right of centerline, up to 93' AGL/927' MSL. Trees beginning 4171' from DER, 515' right of centerline, up to 100' AGL/928' MSL. T-L tower 2.1 NM from DER, 2928' left of centerline, 351' AGL/951' MSL. **Rwy 25**, pole 171' from DER, 48' right of centerline, 31' AGL/630' MSL. Pole 347' from DER, 378' left of centerline, 633' MSL. Tree, pole, antenna on building, apbn beginning 375' from DER, 22' left of centerline, up to 73' AGL/673' MSL. Pole, pole beginning 407' from DER, 277' right of centerline, up to 636' MSL. Pole beginning 620' from DER, 95' right of centerline, up to 40' AGL/640' MSL. Tree 1067' from DER, 726' right of centerline, 651' MSL. Tree 1193' from DER, 686' right of centerline, 675' MSL. Trees beginning 1212' from DER, 418' left of centerline, up to 684' MSL. Trees beginning 1215' from DER, 105' right of centerline, up to 721' MSL. Trees beginning 1452' from DER, 467' left of centerline, up to 688' MSL. Trees beginning 2175' from DER, 923' left of centerline, up to 693' MSL. Tree 2425' from DER, 1146' left of centerline, 701' MSL.

## HALEYVILLE, AL

POSEY FIELD(1M4)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG-A 10182 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 18**, trees beginning 2372' from DER, 1009' left of centerline, up to 78' AGL/1052' MSL. Trees beginning 78' from DER, 257' right of centerline, up to 82' AGL/1021' MSL. **Rwy 36**, trees beginning 7' from DER, 276' left of centerline, up to 75' AGL/1005' MSL. Trees beginning 383' from DER, 277' right of centerline, up to 73' AGL/1003' MSL. Fence 204' from DER, 202' right of centerline, 6' AGL/936' MSL.

## HAMILTON, AL

MARION COUNTY-RANKIN FITE (HAB)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 1 11349 (FAA)

TAKEOFF MINIMUMS: **Rwy 18**, 400- 2½ or std. w/min. climb of 390' per NM to 800. **Rwy 36**, 400 - 2 ½ or std. w/ min. climb of 370' per NM to 900.

DEPARTURE PROCEDURE: **Rwy 18**, climb heading 181° to 900 before turning left. **Rwy 36**, climb heading 001° to 1000 before turning left.

TAKEOFF OBSTACLE NOTES: **Rwy 18**, trees beginning 53' from DER, left and right of centerline, up to 100' AGL/699' MSL. Trees beginning 1.5 NM from DER, 2172' left of centerline, up to 100' AGL/719' MSL. **Rwy 36**, trees beginning 122' from DER, left and right of centerline, up to 100' AGL/573' MSL. Building 2368' from DER, 411' right of centerline, 50' AGL/501' MSL. Vehicles on roadway beginning 2511' from DER, 1124' left of centerline, up to 17' AGL/516' MSL. Pole 3009' from DER, 309' left of centerline, 70' AGL/569' MSL. Towers and trees beginning 1.1 NM from DER, left and right of centerline, up to 115' AGL/779' MSL.

## HAMPTON, GA

HENRY COUNTY AIRPORT (HMP)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 2 16259 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 6**, vehicles on road, 249' from DER, crossing extended runway centerline, up to 914' MSL. Tree 273' from DER, 502' left of centerline, 999' MSL. Trees, beginning 1409' from DER, 145' left of centerline, up to 999' MSL. Trees, beginning 1490' from DER, 3' right of centerline, up to 979' MSL. **Rwy 24**, trees, beginning 634' from DER, 169' right of centerline, up to 919' MSL. Trees, beginning 1265' from DER, 168' left of centerline, up to 919' MSL. Tree 1318' from DER, 466' right of centerline, 939' MSL. Trees, beginning 1875' from DER, 15' left of centerline, up to 939' MSL. Tree 3349' from DER, 654' left of centerline, 959' MSL. T-I tower 3401' from DER, 555' left of centerline, 969' MSL. T-I twr 3443' from DER, 336' right of centerline, 949' MSL.

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18144

SE-4

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## HANCHEY AHP (KHEY)

FORT RUCKER, AL

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG, 08325

Rwy 17, 35 standard.

All Helipads NA - ATC.

DEPARTURE PROCEDURE: **Rwy 17:** Climb hdg 182°  
to 800 before proceeding on course. **Rwy 35:** Climb  
hdg 002° to 800 before proceeding on course.

## HARTSELLE, AL

HARTSELLE-MORGAN COUNTY RGNL  
(5M0)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 2 07186 (FAA)

TAKEOFF MINIMUMS: **Rwy 36**, 500-2½ or std. with a  
min. climb of 260' per NM to 1200.

TAKEOFF OBSTACLE NOTES: **Rwy 18**, trees abeam  
DER, 300' left of centerline, up to 100' AGL/739' MSL.  
Multiple buildings 150' from DER, 432' left of  
centerline, up to 40' AGL/679' MSL. Multiple trees 265'  
from DER, 133' right of centerline, up to 100' AGL/699'  
MSL. **Rwy 36**, trees 3089' from DER, 426' left of  
centerline, 100' AGL/779' MSL. Trees 1139' from  
DER, 98' right of centerline, 45' AGL/673' MSL. Tower  
1.85 NM from DER, 2953' left of centerline, 249'  
AGL/928' MSL. Multiple buildings beginning 755' from  
DER, 775' right of centerline, up to 40' AGL/689' MSL.  
Tower 2.15 NM from DER, 295' left of centerline, 303'  
AGL/990' MSL.

## HAZLEHURST, GA

HAZLEHURST (AZE)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG 08157 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 14**, trees  
beginning 813' from DER, 328' left of centerline, up to  
100' AGL/369' MSL. **Rwy 32**, trees beginning 46' from  
DER, 200' left of centerline, up to 100' AGL/299' MSL.  
Trees 1356' from DER 574' right of centerline, up to  
100' AGL/309' MSL.

## HEADLAND, AL

HEADLAND MUNI (0J6)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG 04162 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 9**, trees 275' from  
DER, 90' left of centerline, 15' AGL/369' MSL. **Rwy 27**,  
road and vehicle 625' from DER, 500' right of  
centerline, 17' AGL/376' MSL.

## HOMERVILLE, GA

HOMERVILLE (HOE)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1 15176 (FAA)

DEPARTURE PROCEDURE: **Rwy 14**, climb heading  
141° to 700 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 14**, trees beginning  
87' from DER, 290' right of centerline, up to 95' AGL/280'  
MSL. Vehicle on road 270' from DER, 570' left of  
centerline, 15' AGL/197' MSL. Trees beginning 969' from  
DER, 19' left of centerline, up to 104' AGL/283' MSL.  
Trees beginning 1672' from DER, 63' right of centerline,  
up to 87' AGL/262' MSL. Antenna 2809' from DER, 447'  
left of centerline, 112' AGL/291' MSL. **Rwy 32**, trees  
beginning 10' from DER, 450' left of centerline, up to 14'  
AGL/199' MSL. Vehicle on road 303' from DER, 578'  
right of centerline, 15' AGL/200' MSL. Trees beginning  
486' from DER, 591' right of centerline, up to 84'  
AGL/264' MSL. Trees beginning 2007' from DER, 652'  
left of centerline, up to 89' AGL/269' MSL. Trees  
beginning 2333' from DER, 690' right of centerline, up to  
92' AGL/277' MSL.

## HUNTER AAF (KSVN)

SAVANNAH, GA

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 2 03191

Rwy 28, 300-1\*

\* Or standard with minimum climb of 340/NM to 400.  
Rwy 28, climbing left turn hdg 230° to 1700 before  
proceeding on course.

## HUNTSVILLE, AL

HUNTSVILLE INTL-CARL T JONES FIELD  
(HSV)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 4A 18032 (FAA)

DEPARTURE PROCEDURE: **Rwy 36R**, climb heading  
005° to 1600 before turning right.

TAKEOFF OBSTACLE NOTES: **Rwy 18L**, trees  
beginning 1088' from DER, 710' left of centerline, up to  
100' AGL/660' MSL. **Rwy 36L**, trees beginning 1911'  
from DER, 904' right of centerline, up to 100' AGL/719'  
MSL. Trees beginning 3693' from DER, 1392' left of  
centerline, up to 100' AGL/749' MSL. **Rwy 36R**, fence  
383' from DER, 602' right of centerline, up to 11'  
AGL/620' MSL. Trees beginning 1312' from DER, 799'  
right of centerline, up to 100' AGL/729' MSL.

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18144

SE-4

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18144

## HUNTSVILLE, AL (CON'T)

HUNTSVILLE EXECUTIVE AIRPORT/TOM  
SHARP JR. FIELD (MDQ)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 4A 14261 (FAA)

TAKEOFF MINIMUMS: **Rwy 18**, std. w/min. climb of 350' per NM to 3200. **Rwy 36**, 200-1¼ or std. w/min. climb of 240' per NM to 1000.

DEPARTURE PROCEDURE: **Rwy 36**, climb to 1700 before turning on course.

TAKEOFF OBSTACLE NOTES: **Rwy 18**, tree 5' from DER, 442' right of centerline, 5' AGL/765' MSL.

Multiple trees beginning 816' from DER, 551' right of centerline, up to 80' AGL/818' MSL. Multiple trees beginning 5408' from DER, 126' right of centerline, up to 132' AGL/955' MSL. **Rwy 36**, REIL 10' from DER, 124' left of centerline, 5' AGL/721' MSL. REIL 10' from DER, 124' right of centerline, 3' AGL/721' MSL.

Vehicles on road beginning 153' from DER, 491' right of centerline up to 15' AGL/725' MSL. Multiple trees beginning 591' from DER, 476' right of centerline, up to 76' AGL/786' MSL. Multiple trees beginning 788' from DER, 673' left of centerline, up to 84' AGL/794' MSL. Multiple trees beginning 1 NM from DER, 11' right of centerline, up to 104' AGL/924' MSL. Multiple trees beginning 1.1 NM from DER, 44' left of centerline, up to 129' AGL/931' MSL.

## JASPER, GA

PICKENS COUNTY (JZP)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1 07298 (FAA)

TAKEOFF MINIMUMS: **Rwy 34**, 300-1 or std. w/min. climb of 255' per NM to 1800, or alternatively, w/ standard takeoff minimums and a normal 200'NM climb gradient, takeoff must occur no later than 2100' prior to departure end.

DEPARTURE PROCEDURE: **Rwy 16**, climb heading 163° to 3000 before turning. **Rwy 34**, climb heading 343° to 3100 before turning.

TAKEOFF OBSTACLE NOTES: **Rwy 16**, numerous trees beginning 44' from DER, 338' left of centerline, up to 65' AGL/1565' MSL. Trees 127' from DER, 398' right of centerline, up to 61' AGL/1581' MSL. **Rwy 34**, pole and numerous trees beginning 141' from DER, 25' right of centerline, up to 112' AGL/1611' MSL. Numerous trees beginning 394' from DER, 37' left of centerline, up to 79' AGL/1654' MSL.

## JEFFERSON, GA

JACKSON COUNTY (JCA)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 3 16035 (FAA)

DEPARTURE PROCEDURE: **Rwy 17**, climb heading 168° to 1700 before proceeding northwest. **Rwy 35**, climb heading 348° to 2300 before proceeding west or northwest.

TAKEOFF OBSTACLE NOTES: **Rwy 17**, tank 94' from DER, 490' right of centerline, 12' AGL/956' MSL. Trees beginning 331' from DER, 296' left of centerline, up to 78' AGL/997' MSL. Trees 670' from DER, 617' right of centerline, up to 60' AGL/989' MSL. Trees beginning 1320' from DER, 460' right of centerline, up to 105' AGL/1004' MSL. **Rwy 35**, trees 13' from DER, 412' right of centerline, up to 31' AGL/950' MSL. Transmission tower and trees beginning 100' from DER, 464' left of centerline, up to 45' AGL/964' MSL. Transmission tower and trees beginning 472' from DER, 314' left of centerline, up to 63' AGL/1002' MSL. Building, transmission tower, poles, and trees beginning 811' from DER, 30' right of centerline, up to 90' AGL/1014' MSL. Trees beginning 918' from DER, 12' left of centerline, up to 99' AGL/1044' MSL. Trees beginning 1999' from DER, 19' right of centerline, up to 106' AGL/1047' MSL.

## JACKSON, AL

JACKSON MUNI (4R3)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG 10154 (FAA)

TAKEOFF MINIMUMS: **Rwy 1**, std. w/ min. climb of 252' per NM to 1000 or 1100-2¼ for climb in visual conditions. **Rwy 19**, 300-1¼ ceiling and visibility to allow see and avoid operation in lieu of required climb gradient for standard minima.

DEPARTURE PROCEDURE: **Rwy 1**, for climb in visual conditions: cross Jackson Muni airport at or above 1000 MSL before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 1**, trees beginning at DER, 400' left/right of centerline, up to 100' AGL/134' MSL. **Rwy 19**, trees beginning at DER, 400' left/right of centerline, up to 100' AGL/279' MSL.

## JASPER, AL

WALKER COUNTY-BEVILL FIELD (JFX)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1 12152 (FAA)

TAKEOFF MINIMUMS: **Rwy 27**, 300-1¼ or std. w/min. climb of 259' per NM to 800.

TAKEOFF OBSTACLE NOTES: **Rwy 9**, trees beginning 614' from DER, 132' left of centerline, up to 95' AGL/574' MSL. Vehicles on road, pole, and trees beginning 28' from DER, 88' right of centerline, up to 100' AGL/599' MSL. **Rwy 27**, vehicles on road and trees beginning 7' from DER, 165' left of centerline, up to 95' AGL/572' MSL. Trees beginning 55' from DER, 24' right of centerline, up to 93' AGL/628' MSL. Trees 4728' from DER, 1559' right of centerline, up to 80' AGL/639' MSL. Trees 5615' from DER, 1882' right of centerline, up to 112' AGL/651' MSL. Trees 5765' from DER, 1882' right of centerline, up to 108' AGL/647' MSL.

## JEKYLL ISLAND, GA

JEKYLL ISLAND (09J)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG 08045 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 18**, Vehicle on road beginning 9' from DER, 411' left of centerline, up to 15' AGL/42' MSL. Trees 200' from DER, 159' left of centerline, 50' AGL/61' MSL.

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18144

SE-4

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

18144

## JESUP, GA

JESUP-WAYNE COUNTY (JES)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG 09295 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 11**, trees beginning 52' from DER, 497' left of centerline, up to 100' AGL/154' MSL. Trees beginning 312' from DER, 294' right of centerline, up to 100' AGL/154' MSL. **Rwy 29**, trees beginning 1811' from DER, 181' left of centerline, up to 100' AGL/188' MSL. Trees beginning 24' from DER, 98' right of centerline, up to 100' AGL/190' MSL.

## LAFAYETTE, GA

BARWICK LAFAYETTE (9A5)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1A 15232 (FAA)

TAKEOFF MINIMUMS: **Rwy 2**, 300-1½ or std. w/min. climb of 255' per NM to 1100. **Rwy 20**, 500-3 or std. w/min. climb of 465' per NM to 1400.  
DEPARTURE PROCEDURE: **Rwy 2**, climb heading 022° to 2200 before proceeding on course. **Rwy 20**, climb heading 202° to 2300 before proceeding on course.  
TAKEOFF OBSTACLE NOTES: **Rwy 2**, train on track 39' from DER, 241' left of centerline, 23' AGL/809' MSL. Building 418' from DER, 191' left of centerline, 40' AGL/849' MSL. Trees beginning 4420' from DER, 1171' left of centerline, up to 100' AGL/919' MSL. Trees beginning 5609' from DER, 372' right of centerline, up to 100' AGL/919' MSL. Trees beginning 12' from DER, 275' left of centerline, up to 83' AGL/879' MSL. Buildings beginning 302' from DER, 164' left of centerline, up to 40' AGL/813' MSL. Trees beginning 39' from DER, 432' right of centerline, up to 83' AGL/856' MSL. Trees, buildings, and windmills beginning 765' from DER, left and right of centerline, up to 131' AGL/988' MSL. **Rwy 20**, train on track 46' from DER, 323' right of centerline, 23' AGL/809' MSL. Buildings beginning 1602' from DER, 907' right of centerline, up to 25' AGL/825' MSL. Vehicle on road 1021' from DER, 104' left of centerline, 15' AGL/802' MSL. Train on track 762' from DER, on centerline, 23' AGL/803' MSL.

## LAGRANGE, GA

LAGRANGE-CALLAWAY (LGC)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1A 11097 (FAA)

TAKEOFF MINIMUMS: **Rwy 3**, 400-1½ or std. w/min. climb of 425' per NM to 1200. **Rwy 13**, 300-1. **Rwy 21**, 300-1 or std. w/min. climb of 320' per NM to 1000. **Rwy 31**, 300-1½ or std. w/min. climb of 260' per NM to 1000.  
DEPARTURE PROCEDURE: **Rwy 31**, Climb heading 307° to 1500 before turning south.  
TAKEOFF OBSTACLE NOTES: **Rwy 3**, building with tower 1 NM from DER, 1124' right of centerline, 150' AGL/885' MSL. **Rwy 13**, trees beginning 5' from DER, 489' right of centerline, up to 100' AGL/754' MSL. **Rwy 21**, trees beginning 130' from DER, 242' left of centerline, up to 91' AGL/850' MSL. Trees beginning 1121' from DER, 22' right of centerline, up to 66' AGL/805' MSL. **Rwy 31**, trees beginning 165' from DER, 158' right of centerline, up to 91' AGL/890' MSL. Trees beginning 538' from DER, 165' left of centerline, up to 98' AGL/857' MSL.

## LANETT, AL

LANETT MUNI (7A3)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG 86128 (FAA)  
TAKEOFF MINIMUMS: **Rwy 8**, 300-1 or std. with a min. climb of 500' per NM to 900.

## LAWRENCEVILLE, GA

GWINNETT COUNTY-BRISCOE FIELD (LZU)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 6 11293 (FAA)  
TAKEOFF MINIMUMS: **Rwy 25**, 300-1 or std. w/min. climb of 330' per NM to 1400.  
DEPARTURE PROCEDURE: **Rwy 7**, climb heading 069° to 2600 before turning left.  
TAKEOFF OBSTACLE NOTES: **Rwy 7**, trees beginning 724' from DER, left and right of centerline, up to 110' AGL/1118' MSL. Rods on floodlights beginning 2619' from DER, 686' right of centerline, up to 143' AGL/11 04' MSL. **Rwy 25**, vehicle on roadway beginning 1187' from DER, left and right of centerline, up to 15' AGL/1114' MSL. Poles and antennas beginning 1221' from DER, left and right of centerline, up to 167' AGL/1159' MSL. Trees beginning 1244' from DER, left and right of centerline, up to 88' AGL/1166' MSL. Mast 5008' from DER, 1147' left of centerline, 207' AGL/1268' MSL. Tower 5030' from DER, 1141' left of centerline, 187' AGL/1268' MSL.

## LAWSON AAF, (KLSF)

FORT BENNING (COLUMBUS), GA  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
07158

**Rwy 15**, Standard  
**Rwy 33**, 400-2\*  
\*Or standard with minimum climb of 300/NM to 1000. **Rwy 15**, climb via heading 150° to 2000 before turning left.  
**Rwy 33**, Climb via heading 330° to 1000 before turning right.  
TAKEOFF OBSTACLE NOTES: **Rwy 15**, trees 1800 feet from DER, 162 feet left of centerline, 54 feet AGL/280 feet MSL. **Rwy 33**, tree 1.86 NM from DER, 3462 feet left of centerline, 100 feet AGL/569 feet MSL.

## LOUISVILLE, GA

LOUISVILLE MUNI (2J3)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG 17229 (FAA)  
DEPARTURE PROCEDURE: **Rwy 13**, trees beginning 103' from DER, 346' left of centerline, up to 325' MSL. Trees beginning 292' from DER, 467' right of centerline, up to 327' MSL. Trees beginning 514' from DER, 564' left of centerline, up to 340' MSL. Trees beginning 1050' from DER, 580' left of centerline, up to 364' MSL. Trees beginning 1219' from DER, 584' left of centerline, up to 368' MSL. **Rwy 31**, tree 23' from DER, 438' left of centerline, 338' MSL. Tree 47' from DER, 358' left of centerline, 339' MSL. Tree 174' from DER, 480' right of centerline, 375' MSL. Trees beginning 233' from DER, 240' right of centerline, up to 389' MSL. Tree 390' from DER, 481' left of centerline, 381' MSL. Trees beginning 488' from DER, 95' left of centerline, up to 398' MSL.

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

18144

SE-4



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

18144

**LOWE AHP (KLOR)**

FORT RUCKER, AL

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES

ORIG A, 11349

Helipad WHISKEY, ECHO, BRAVO standard.  
all other helipads NA.DEPARTURE PROCEDURE: **Helipad WHISKEY:**  
hover at 274' MSL/30' AGL, then climb hdg 183° to  
700 before proceeding on course. **Helipad ECHO:**  
climb hdg 125° to 700 before proceeding on  
course. **Helipad BRAVO:** Hover at 318' MSL/  
35' AGL, then climb hdg 183° to 700 before  
proceeding on course.**MACON, GA**

MACON DOWNTOWN (MAC)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES

AMDT 8 17061 (FAA)

DEPARTURE PROCEDURE: **Rwy 10,** Climb heading  
102° to 1000 before proceeding on course.TAKEOFF OBSTACLE NOTES: **Rwy 10,** trees  
beginning 89' from DER, 387' right of centerline, up to  
460' MSL. Tree 214' from DER, 393' right of centerline,  
466' MSL. Trees beginning 262' from DER, 346' right  
of centerline, up to 472' MSL. Trees beginning 358'  
from DER, 28' right of centerline, up to 486' MSL. Tree  
3509' from DER, 398' right of centerline, 504' MSL.  
Tree 4002' from DER, 529' right of centerline, 514'  
MSL. Tree 4003' from DER, 255' right of centerline,  
519' MSL. Tree 4119' from DER, 568' left of centerline,  
521' MSL. Tree 4260' from DER, 298' left of centerline,  
527' MSL. Tree 4454' from DER, 424' left of centerline,  
533' MSL. Tree 4484' from DER, 125' left of centerline,  
535' MSL. Trees beginning 4888' from DER, 205' left of  
centerline, up to 549' MSL. Tree 5047' from DER, 4'  
left of centerline, 557' MSL. **Rwy 28,** trees beginning  
133' from DER, 279' left of centerline, up to 443' MSL.  
Trees beginning 402' from DER, 35' left of centerline,  
up to 445' MSL. Trees beginning 864' from DER, 4'  
right of centerline, up to 453' MSL.**MACON, GA (CON'T)**

MIDDLE GEORGIA RGNL (MCN)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES

AMDT 3B 16315 (FAA)

TAKEOFF MINIMUMS: **Rwy 5,** std. w/min. climb of 210'  
per NM to 1500, or 1000-2½ for climb in visual  
conditions. **Rwy 23,** 300-2 or standard with minimum  
climb of 211' per NM to 700 or alternatively, with  
standard takeoff minimums and a normal 200' per NM  
climb gradient, takeoff must occur no later than 1500'  
prior to DER.VCOA: **Rwy 5,** obtain ATC approval when requesting IFR  
clearance. Climb in visual conditions to cross Middle  
Georgia Rgnl airport at or above 1200 before proceeding  
on course.TAKEOFF OBSTACLE NOTES: **Rwy 5,** trees and poles  
beginning 40' from DER, 59' left of centerline, up to 86'  
AGL/436' MSL. Trees, towers, and aircraft equipment  
beginning 112' from DER, 8' right of centerline, up to 82'  
AGL/432' MSL. **Rwy 14,** trees beginning 280' from DER,  
279' left of centerline, up to 89' AGL/429' MSL. Trees  
beginning 2153' from DER, 136' right of centerline, up to  
81' AGL/411' MSL. **Rwy 23,** trees beginning 69' from  
DER, left and right of centerline, up to 113' AGL/383'  
MSL. Trees beginning 1818' from DER, left and right of  
centerline, up to 390' MSL. Trees beginning 2241' from  
DER, left and right of centerline, up to 405' MSL. Trees  
beginning 1.4 NM from DER, 746' left of centerline, up to  
572' MSL. **Rwy 31,** trees beginning 636' from DER, 209'  
right of centerline, up to 98' AGL/398' MSL. Trees  
beginning 925' from DER, 54' left of centerline, up to 90'  
AGL/440' MSL.**MADISON, GA**

MADISON MUNI (52A)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES

ORIG 11069 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 14,** fences beginning  
abeam DER, 130' left and 269' right of centerline, 9'  
AGL/703' MSL. Building abeam DER, 424' right of  
centerline, 30' AGL/729' MSL. Vehicles on roadway  
abeam DER, 212' left of centerline, up to 15' AGL/714'  
MSL. Fence 200' from DER, left and right of centerline, 9'  
AGL/703' MSL. Vehicles on roadway 210' from DER, left  
and right of centerline, up to 15' AGL/714' MSL. Trains  
beginning 276' from DER, left and right of centerline, up  
to 23' AGL/722' MSL. Trees beginning 463' from DER,  
468' left of centerline, up to 100' AGL/819' MSL. Building  
643' from DER, 440' left of centerline, 20' AGL/719' MSL.  
Trees beginning 752' from DER, 213' right of centerline,  
up to 100' AGL/799' MSL. Power lines beginning 1298'  
from DER, 246' left of centerline, up to 100' AGL/779'  
MSL. **Rwy 32,** trees beginning abeam DER, 250' right of  
centerline, up to 100' AGL/719' MSL. Trees beginning  
abeam DER, 300' left of centerline, up to 100' AGL/719'  
MSL. Trees beginning 680' from DER, left and right of  
centerline, up to 100' AGL/719' MSL.

21 JUN 2018 to 19 JUL 2018

21 JUN 2018 to 19 JUL 2018

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

18144

SE-4

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

18144

## MARION, AL

### VAIDEN FIELD (A08)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG 12208 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 16**, trees beginning 635' from DER, 225' right of centerline, up to 100' AGL/309' MSL. Trees beginning 2119' from DER, 1057' left of centerline, up to 100' AGL/289' MSL. **Rwy 34**, trees beginning abeam threshold, 191' left of centerline, up to 100' AGL/349' MSL. Trees beginning 2128' from DER, 978' right of centerline, up to 100' AGL/349' MSL.

## MAXWELL AFB (KMXF)

### MONTGOMERY, AL

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 3, 09183

**Rwy 15**, 200-1¼

With minimum climb of 280 ft/NM to 1400.\*

\* Or standard with minimum climb of 330 ft/NM to 1400.

TAKEOFF OBSTACLE NOTES: **Rwy 15**: Tree Canopy 1943' from DER, 682' right of centerline, 67' AGL/233' MSL. Tree Canopy 2121' from DER, 1062' left of centerline, 76' AGL/236' MSL. Pylon 4607' from DER, 2118' left of centerline, 39' AGL/ 225' MSL. Pylon 4588' from DER, 1798' left of centerline, 79' AGL/264' MSL.

## MC RAE, GA

### TELFAIR-WHEELER (MQW)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1 10210 (FAA)

DEPARTURE PROCEDURE: **Rwy 21**, climb via heading 206° to 700 before proceeding on course.  
TAKEOFF OBSTACLE NOTES: **Rwy 3**, trees beginning 1260' from DER, 207' left of centerline, up to 100' AGL/303' MSL. Vehicle on roadway 2735' from DER, 720' right of centerline, 15' AGL/264' MSL. **Rwy 21**, vehicles on roadway beginning abeam DER, 301' left of centerline, up to 15' AGL/224' MSL. Trees beginning 79' from DER, 457' left of centerline, up to 100' AGL/266' MSL. Silo 1665' from DER, 927' left of centerline, 100' AGL/307' MSL. Vehicles on roadway beginning 125' from DER, 523' right of centerline, up to 15' AGL/234' MSL. Trees beginning 543' from DER, 397' right of centerline, up to 100' AGL/276' MSL.

## METTER, GA

### METTER MUNI (MHP)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG 08157 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 10**, vehicles on interstate, abeam DER, 315' left of centerline, up to 17' AGL/216' MSL. Trees beginning 1506' from DER, 866' left of centerline, up to 100' AGL/289' MSL. Trees beginning 2349' from DER, 613' right of centerline, up to 100' AGL/289' MSL. **Rwy 28**, trees beginning abeam DER, left and right of centerline, up to 100' AGL/289' MSL. Vehicles on interstate, abeam DER, 295' right of centerline, up to 17' AGL/196' MSL.

## MILLEDGEVILLE, GA

### BALDWIN COUNTY (MLJ)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1 10210 (FAA)

TAKEOFF MINIMUMS: **Rwy 28**, 300-1 or std. w/ min. climb of 330' per NM to 700.  
DEPARTURE PROCEDURE: **Rwy 10**, climb heading 096° to 1000 before turning. **Rwy 28**, climb heading 276° to 1400 before turning right.  
TAKEOFF OBSTACLE NOTES: **Rwy 10**, trees beginning 67' from DER, 87' right of centerline, up to 100' AGL/449' MSL. Utility poles beginning 196' from DER, 268' right of centerline, up to 30' AGL/372' MSL. Trees beginning 62' from DER, 298' left of centerline, up to 100' AGL/445' MSL. Utility poles beginning 135' from DER, 381' left of centerline, up to 30' AGL/380' MSL. Multiple structures beginning 242' from DER, 523' left of centerline up to 19' AGL/369' MSL. **Rwy 28**, trees beginning 12' from DER, 64' right of centerline, up to 100' AGL/500' MSL. Terrain 729' from DER, 495' right of centerline, 437' MSL. Trees beginning 515' from DER, 59' left of centerline, up to 100' AGL/534' MSL.

## MILLEN, GA

### MILLEN (2J5)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1 15232 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 17**, tree 35' from DER, 377' left of centerline, 92' AGL/292' MSL. Trees beginning 139' from DER, from 263' left of centerline, up to 100' AGL/307' MSL. Trees beginning 1864' from DER, from 805' left to 451' right of centerline, up to 100' AGL/331' MSL. **Rwy 35**, pole 237' from DER, 400' left of centerline, 33' AGL/283' MSL. Vehicles on road beginning 272' from DER, 331' left of centerline, up to 15' AGL/279' MSL. Poles, terrain, and building beginning 504' from DER, from 666' left of centerline to 34' right of centerline, up to 34' AGL/299' MSL. Trees and poles beginning 983' from DER, left and right of centerline, up to 65' AGL/326' MSL. Elevator and silo 1021' from DER, 760' left of centerline, up to 76' AGL/340' MSL.

## MOBILE, AL

### MOBILE DOWNTOWN (BFM)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1 09127 (FAA)

TAKEOFF MINIMUMS: **Rwy 14**, 400-2¼ or std. w/ min. climb of 244' per NM to 500.  
DEPARTURE PROCEDURE: **Rwy 36**, climb heading 001° to 900 before turning right.  
TAKEOFF OBSTACLE NOTES: **Rwy 18**, trees beginning 1453' from DER, 54' right of centerline, up to 100' AGL/129' MSL. Trees beginning 2646' from DER, 120' left of centerline, up to 73' AGL/102' MSL. **Rwy 32**, sign 2780' from DER, 1041' left of centerline, 109' AGL/119' MSL. trees beginning 847' from DER, 35' right of centerline, up to 100' AGL/109' MSL, trees beginning 1089' from DER, 19' left of centerline, up to 100' AGL/107' MSL. **Rwy 36**, poles beginning 1231' from DER, 319' right of centerline, up to 49' AGL/69' MSL, trees beginning 467' from DER, 325' right of centerline, up to 55' AGL/84' MSL.

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

18144

SE-4

21 JUN 2018 to 19 JUL 2018

21 JUN 2018 to 19 JUL 2018

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

18144

## MOBILE, AL (CON'T)

### MOBILE RGNL (MOB)

#### TAKEOFF MINIMUMS AND (OBSTACLE)

#### DEPARTURE PROCEDURES

AMDT 1A 14149 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 15**, tree 1758' from DER, 886' right of centerline, 79' AGL/270' MSL. Tree 1987' from DER, 856' left of centerline, 73' AGL/277' MSL. Tree 2102' from DER, 861' right of centerline, 78' AGL/269' MSL. Tree 2131' from DER, left of centerline, 76' AGL/280' MSL. **Rwy 18**, multiple trees beginning 1597' from DER, 15' left of centerline, up to 69' AGL/273' MSL. Multiple trees beginning 1671' from DER, 207' right of centerline, up to 87' AGL/278' MSL. **Rwy 36**, multiple trees beginning 1083' from DER, 210' right of centerline, up to 84' AGL/301' MSL. Multiple trees beginning 532' from DER, 43' left of centerline, up to 73' AGL/287' MSL.

## MONROE, GA

### MONROE-WALTON COUNTY (D73)

#### TAKEOFF MINIMUMS AND (OBSTACLE)

#### DEPARTURE PROCEDURES

AMDT 1 08101 (FAA)

DEPARTURE PROCEDURE: **Rwy 3**, climb heading 035° to 1700 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 3**, trees beginning 587' from DER, 469' left of centerline, up to 100' AGL/939' MSL. Trees beginning 1003' from DER, 104' right of centerline, up to 100' AGL/929' MSL. **Rwy 21**, trees beginning 878' from DER, 388' left of centerline, up to 100' AGL/989' MSL. Trees beginning 988' from DER, 694' right of centerline, up to 100' AGL/999' MSL.

## MONROEVILLE, AL

### MONROE COUNTY AEROPLEX (MVC)

#### TAKEOFF MINIMUMS AND (OBSTACLE)

#### DEPARTURE PROCEDURES

ORIG-A 18032 (FAA)

TAKEOFF OBSTACLE NOTES: Trees beginning 1085' from DER, 274' left of centerline, up to 100' AGL/529' MSL. Trees beginning 488' from DER, 291' right of centerline, up to 100' AGL/529' MSL. **Rwy 21**, vehicle on road 750' from DER, 661' right of centerline, 15' AGL/434' MSL. Trees abeam DER, 376' right of centerline, up to 56' AGL/475' MSL. Trees beginning 219' from DER, 224' left of centerline, up to 56' AGL/474' MSL.

## MONTEZUMA, GA

### DR. C.P. SAVAGE SR. (53A)

#### TAKEOFF MINIMUMS AND (OBSTACLE)

#### DEPARTURE PROCEDURES

ORIG 03191 (FAA)

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

TAKEOFF OBSTACLE NOTES: **Rwy 18**, power line 1050' from DER, on centerline, 38' AGL/376' MSL.

**Rwy 36**, trees 1212' from DER, 400' right of centerline, 92' AGL/428' MSL. Tower 3284' from DER, 1325' right of centerline, 201' AGL/600' MSL.

## MONTGOMERY, AL

### MONTGOMERY RGNL (DANNELLY FIELD)

#### (MGM)

#### TAKEOFF MINIMUMS AND (OBSTACLE)

#### DEPARTURE PROCEDURES

AMDT 2 12208 (FAA)

DEPARTURE PROCEDURE: **Rwy 10**, climb heading 097° to 1100 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 10**, trees beginning 1493' from DER, 808' right of centerline, up to 90' AGL/276' MSL. **Rwy 28**, trees beginning 1523' from DER, left and right of centerline, up to 75' AGL/316' MSL. **Rwy 3**, building 272' from DER, 549' left of centerline, 12' AGL/202' MSL. Hanger 426' from DER. 557' left of centerline, 20' AGL/210' MSL. Hanger 560' from DER. 560' left of centerline, 14' AGL/203' MSL. Hangar 670' from DER, 559' left of centerline, 14' AGL/203' MSL. Tree 1306' from DER, 318' right of centerline, 56' AGL/245' MSL. **Rwy 21**, fence 713' from DER, 295' left of centerline, 11' AGL/241' MSL. Tree 1830' from DER, 196' right of centerline, 62' AGL/302' MSL.

## MOODY AFB (KVAD)

### VALDOSTA, GA.

#### TAKEOFF MINIMUMS AND (OBSTACLE)

#### DEPARTURE PROCEDURES

AMDT 4, 15008

DEPARTURE PROCEDURE: **Rwy 36R**, 200-1½ or standard with minimum climb of 223 ft/NM to 700 or with standard minimums and a standard 200 ft per NM climb gradient, takeoff must occur no later than 1700' prior to departure end of runway. **Rwy 36L**, 300-1½ or standard with minimum climb of 254 ft/NM to 700.

TAKEOFF OBSTACLE NOTES: **Rwy 36R**, terrain 1 NM from DER, 199' right of centerline, 120' AGL/409' MSL. **Rwy 36L**, C-130 tail 283' from DER, 450' left of centerline, 38' AGL/268' MSL. Terrain 1.1 NM from DER, 2075' left of centerline, 120' AGL/442' MSL. **Rwy 18R**, C-130 tail 72' from DER, 465' left of centerline, 38' AGL/252' MSL. C-130 tail 69' inward of DER, 170' right of centerline, 38' AGL/257' MSL. C-130 tail 19' inward of DER, 221' left of centerline, 38' AGL/256' MSL.

## MOULTRIE, GA

### MOULTRIE MUNI (MGR)

#### TAKEOFF MINIMUMS AND (OBSTACLE)

#### DEPARTURE PROCEDURES

AMDT 2 12320 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 4**, trees beginning 17' from DER, 282' to 655' left of centerline, up to 100' AGL/385' MSL. Hedge 597' from DER, 290' right of centerline, 28' AGL/314' MSL. **Rwy 16**, trees beginning 780' from DER, 386' to 583' left of centerline up to 100' AGL/379' MSL. Tree 1413' from DER, 670' right of centerline, 100' AGL/379' MSL. **Rwy 22**, scrub 147' from DER, 100' left of centerline, 39' AGL/276' MSL. Tree 141' from DER, 488' left of centerline, 88' AGL/335' MSL. **Rwy 34**, trees beginning 16' from DER, 114' to 747' right of centerline, up to 100' AGL/392' MSL.

21 JUN 2018 to 19 JUL 2018

21 JUN 2018 to 19 JUL 2018

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

18144

SE-4

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

18144

## MUSCLE SHOALS, AL

NORTHWEST ALABAMA RGNL (MSL)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES

AMDT 1 14093 (FAA)

TAKEOFF MINIMUMS: **Rwy 36**, 300-1¼ or std. w/min. climb of 239' per NM to 800, or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1900' prior to DER.

DEPARTURE PROCEDURE: **Rwy 18**, climb heading 184° to 1400 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 18**, tree 90' from DER, 306' left of centerline, 23' AGL/568' MSL. Trees beginning 42' from DER, 325' right of centerline, up to 98' AGL/617' MSL. Pole 1550' from DER, 151' left of centerline, 43' AGL/580' MSL. **Rwy 29**, trees beginning 981' from DER, 184' left of centerline, up to 100' AGL/630' MSL. Trees beginning 2727' from DER, 322' left of centerline, up to 97' AGL/627' MSL. Tower 31' from DER, 252' right of centerline, 558' MSL. Pole 839' from DER, 594' left of centerline, 39' AGL/569' MSL. **Rwy 36**, trees beginning 622' from DER, 89' left of centerline, up to 105' AGL/621' MSL. Trees beginning 196' from DER, 4' right of centerline, up to 73' AGL/598' MSL. Poles beginning 499' from DER, 320' left of centerline, up to 39' AGL/575' MSL. Poles beginning 420' from DER, 26' right of centerline, up to 32' AGL/569' MSL. Building 9' from DER, 437' right of centerline, 21' AGL/557' MSL. Communication tower 5329' from DER, 469' left of centerline, 161' AGL/698' MSL.

## NAHUNTA, GA

BRANTLEY COUNTY (4J1)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES

ORIG 12012 (FAA)

DEPARTURE PROCEDURE: **Rwy 19**, climb heading 192° to 1500 before turning right.

TAKEOFF OBSTACLE NOTES: **Rwy 1**, vehicles beginning 56' from DER, left and right of centerline, up to 17' AGL/101' MSL. Trees beginning 1105' from DER, right of centerline, up to 100' AGL/181' MSL. Transmission towers beginning 768' from DER, 174' right of centerline, up to 32' AGL/112' MSL. Terrain and trees 85' from DER, 343' right of centerline, 17' AGL/92' MSL. Trees beginning 25' from DER, 24' left of centerline, up to 100' AGL/165' MSL. Transmission towers and buildings beginning 15' from DER, 160' left of centerline, up to 43' AGL/118' MSL. Utility pole 9' from DER, 280' left of centerline, 12' AGL/87' MSL. **Rwy 19**, vehicle on roadway 29' from DER, 260' left of centerline, 15' AGL/94' MSL. Trees beginning 5' from DER, 272' right of centerline, up to 100' AGL/144' MSL. Rising terrain and trees beginning 274' from DER, 229' right of centerline, up to 21' AGL/96' MSL. Trees beginning 939' from DER, 26' left of centerline, up to 100' AGL/132' MSL. Terrain 462' from DER, 581' left of centerline, 17' AGL/92' MSL.

## NASHVILLE, GA

BERRIEN COUNTY (4J2)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES

AMDT 1A 16259 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 10**, tree 94' from DER, 478' left of centerline, 284' MSL. Trees beginning 179' from DER, 413' right of centerline, up to 274' MSL. Trees beginning 272' from DER, 461' left of centerline, up to 297' MSL. Trees beginning 413' from DER, 479' right of centerline, up to 279' MSL. Trees beginning 887' from DER, 484' right of centerline, up to 283' MSL. Trees beginning 1060' from DER, 513' right of centerline, up to 305' MSL. Trees beginning 1491' from DER, 344' right of centerline, up to 318' MSL. Trees beginning 1674' from DER, 331' right of centerline, up to 320' MSL. Tree 1698' from DER, 531' right of centerline, 321' MSL. Trees beginning 1704' from DER, 3' right of centerline, up to 323' MSL. Tree 1809' from DER, 684' left of centerline, 307' MSL. Trees beginning 1840' from DER, 32' left of centerline, up to 311' MSL. Trees beginning 2108' from DER, 73' left of centerline, up to 319' MSL. Trees beginning 2498' from DER, 32' left of centerline, up to 328' MSL. Tree 3603' from DER, 185' right of centerline, 325' MSL. **Rwy 28**, tree 81' from DER, 328' right of centerline, 264' MSL. Pole and bush beginning 91' from DER, 149' left of centerline, up to 32' AGL/275' MSL. Stack and pole beginning 610' from DER, 346' left of centerline, up to 40' AGL/286' MSL. Trees beginning 1209' from DER, 331' right of centerline, up to 316' MSL. Trees beginning 1345' from DER, 398' left of centerline, up to 308' MSL. Trees beginning 1582' from DER, 280' left of centerline, up to 315' MSL. Trees beginning 1733' from DER, 163' left of centerline, up to 318' MSL. Trees beginning 1805' from DER, 382' right of centerline, up to 329' MSL. Trees beginning 1954' from DER, 516' right of centerline, up to 335' MSL. Trees beginning 2725' from DER, 14' right of centerline, up to 337' MSL. Tree 2897' from DER, 330' left of centerline, 320' MSL. Trees beginning 2953' from DER, 168' left of centerline, up to 321' MSL. Trees beginning 3125' from DER, 70' left of centerline, up to 335' MSL.

## ONEONTA, AL

ROBBINS FIELD (20A)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES

ORIG-A 18144 (FAA)

TAKEOFF MINIMUMS: **Rwy 23**, 300-1¼ or std. w/min. climb of 206 to 1400.

DEPARTURE PROCEDURE: **Rwy 5**, climb heading 058° to 2000 before turning. **Rwy 23**, climb heading 250° to 2400 before turning.

TAKEOFF OBSTACLE NOTES: **Rwy 5**, trees abeam DER, left and right of centerline, up to 100' AGL/ 1229' MSL. **Rwy 23**, trees abeam DER, left and right of centerline, up to 100' AGL/ 1229' MSL.

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

18144

SE-4

21 JUN 2018 to 19 JUL 2018

21 JUN 2018 to 19 JUL 2018

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

18144

## OZARK, AL

BLACKWELL FIELD (71J)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 2 13178 (FAA)

TAKEOFF MINIMUMS: **Rwy 31**, 300-2 or std. w/ min. climb of 201' per NM to 700, or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1100' prior to DER.

DEPARTURE PROCEDURE: **Rwy 31**, climb heading 305° to 800 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 13**, trees beginning at DER, 336' left of centerline, up to 86' AGL/404' MSL. Trees beginning 4' from DER, 83' right of centerline, up to 93' AGL/389' MSL. Trees beginning 604' from DER, left and right of centerline, up to 100' AGL/437' MSL. **Rwy 31**, terrain 10' from DER, 319' left of centerline, 370' MSL. Vehicles on road beginning at DER, 372' left of centerline, up to 15' AGL/404' MSL. Poles beginning 75' from DER, left and right of centerline, up to 45' AGL/426' MSL. Tower 151' from DER, 453' left of centerline, 53' AGL/427' MSL. Trees beginning 189' from DER, 314' left of centerline, up to 39' AGL/409' MSL. Trees beginning 250' from DER, 216' right of centerline, up to 100' AGL/420' MSL. Trees beginning 1064' from DER, left and right of centerline, up to 100' AGL/508' MSL. Tower 1.58 NM from DER, 1588' right of centerline, 168' AGL/600' MSL.

## PELL CITY, AL

ST CLAIR COUNTY (PLR)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 3 17117 (FAA)

TAKEOFF MINIMUMS: **Rwy 21**, 300-1 or std. w/ min. climb of 248' per NM to 700.

DEPARTURE PROCEDURE: **Rwy 21**, climb heading 206° to 1000 before turning east.

TAKEOFF OBSTACLE NOTES: **Rwy 3**, tree 60' from DER, 410' left of centerline, 526' MSL. Trees beginning 194' from DER, 311' left of centerline, up to 567' MSL. Pole 221' from DER, 548' right of centerline, 27' AGL/508' MSL. Tree 2647' from DER, 544' right of centerline, 568' MSL. **Rwy 21**, terrain beginning 30' from DER, 110' right of centerline, up to 493' MSL. Road, terrain beginning 103' from DER, 238' left of centerline, up to 502' MSL. Pole, terrain, road beginning 229' from DER, 1' left of centerline, up to 22' AGL/519' MSL. Road 422' from DER, 139' right of centerline, 501' MSL. Road 463' from DER, 292' right of centerline, 502' MSL. Tree, pole beginning 476' from DER, 363' left of centerline, up to 556' MSL. Trees beginning 497' from DER, 534' right of centerline, up to 525' MSL. Tree 709' from DER, 555' left of centerline, 567' MSL. Tree, Terrain, pole, building beginning 740' from DER, 231' left of centerline, up to 586' MSL. Tree, ground, terrain beginning 1197' from DER, 460' left of centerline, up to 595' MSL. Tree 1534' from DER, 751' right of centerline, 573' MSL. Tree 3058' from DER, 260' left of centerline, 604' MSL. Tree 3955' from DER, 198' right of centerline, 583' MSL. Tree 4183' from DER, 192' right of centerline, 592' MSL. Tree 4931' from DER, 740' left of centerline, 636' MSL.

## PERRY, GA

PERRY-HOUSTON COUNTY (PXE)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG 07354 (FAA)

TAKEOFF MINIMUMS: **Rwy 36**, std. w/ min. climb of 230' per NM to 1200 or 900-2½ for climb in visual conditions. DEPARTURE PROCEDURE: **Rwy 36**, for climb in visual conditions: cross Perry-Houston County Airport at or above 1200 MSL before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 18**, vehicles on roadway beginning 30' from DER, 389' right of centerline, up to 15' AGL/414' MSL. Trees and pylons beginning 133' from DER, 317' right of centerline, up to 72' AGL/461' MSL. Trees beginning 1127' from DER, 152' left of centerline, up to 100' AGL/519' MSL. **Rwy 36**, trees left and right of centerline beginning 2806' from DER, up to 100' AGL/529' MSL.

## PINE MOUNTAIN, GA

HARRIS COUNTY (PIM)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1 10322 (FAA)

TAKEOFF MINIMUMS: **Rwy 9**, std. w/ min. climb of 233' per NM to 1800 or 1100-2½ for climb in visual conditions. DEPARTURE PROCEDURE: **Rwy 9**, climbing left turn heading 360° to 2400 before turning east or for climb in visual conditions cross Harris County airport at or above 1900 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 9**, terrain and trees beginning at DER, left and right of centerline, up to 100' AGL/1039' MSL.

**Rwy 27**, terrain and trees beginning 55' from DER, left and right of centerline, up to 115' AGL/1015' MSL.

## PRATTVILLE, AL

PRATTVILLE-GROUBY FIELD (1A9)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1 11349 (FAA)

TAKEOFF MINIMUMS: **Rwy 27**, 400-2½ or std. w/ min. climb of 550' per NM to 800.

DEPARTURE PROCEDURE: **Rwy 9**, climb heading 089° to 800 before turning. **Rwy 27**, climb heading 269° to 800 before turning.

TAKEOFF OBSTACLE NOTES: **Rwy 9**, trees beginning 216' from DER, 44' left of centerline, up to 100' AGL/315' MSL. Trees beginning 489' from DER, 87' right of centerline, up to 100' AGL/290' MSL. **Rwy 27**, trees beginning 157' from DER, 64' left of centerline, up to 100' AGL/510' MSL. Trees beginning 235' from DER, 101' right of centerline, up to 100' AGL/605' MSL. Terrain beginning 3410' from DER, 241' right of centerline, 315' MSL. Terrain beginning 4827' from DER, 4' left of centerline, 414' MSL.

21 JUN 2018 to 19 JUL 2018

21 JUN 2018 to 19 JUL 2018

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

18144

SE-4

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

18144

## QUITMAN, GA

QUITMAN BROOKS COUNTY (4J5)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG 11013 (FAA)

TAKEOFF MINIMUMS: **Rwy 10**, std. w/ min. climb of 290' per NM to 1000, or 1000-2½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 10**, for climb in visual conditions: cross Quitman Brooks County Airport at or above 1300 before proceeding on course. **Rwy 28**, climb heading 279° until 700 before turning south.

TAKEOFF OBSTACLE NOTES: **Rwy 10**, numerous trees beginning 363' from DER, 248' right of centerline, up to 94' AGL/278' MSL. Multiple utility poles and structures beginning 184' from DER, 146' right of centerline, up to 44' AGL/224' MSL. **Rwy 28**, numerous trees beginning 496' from DER, 342' right of centerline, up to 79' AGL/250' MSL. Numerous trees beginning 38' from DER, 219' left of centerline, up to 100' AGL/280' MSL.

## REDSTONE AAF (KHUA)

REDSTONE ARSENAL, AL  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
..... 17033

**Rwy 17**, 500-3\*

**Rwy 35**\*\*

\* Or standard with minimum climb gradient of 240/NM to 1500.

\*\* Standard with a minimum climb gradient of 240/NM to 1500.

DEPARTURE PROCEDURE: **Rwy 17**, climb rwy hdg to 1700 before proceeding on course. **Rwy 35**, climb rwy hdg to 1900 before proceeding on course. Cross DER at or above 22'.

TAKEOFF OBSTACLE NOTES: **Rwy 17**: Multiple buildings beginning 2.4 NM from DER, 3805' left of centerline, up to 482' AGL/1092' MSL.

## REFORM, AL

### NORTH PICKENS (3M8)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1 11349 (FAA)

TAKEOFF MINIMUMS: **Rwy 1**, 300-1 or std. w/min. climb of 270' per NM to 500. **Rwy 19**, 500-2 or std. w/ min. climb of 499' per NM to 1000.

TAKEOFF OBSTACLE NOTES: **Rwy 1**, trees beginning at DER, 115' left of centerline, up to 40' AGL/399' MSL. Trees beginning at DER, 181' right of centerline, up to 40' AGL/280' MSL. Vehicles on roadway, 1447' from DER, on centerline, up to 15' AGL/275' MSL.

**Rwy 19**, trees beginning at DER, 108' left of centerline, up to 40' AGL/269' MSL. Trees and terrain beginning 15' from DER, 21' right of centerline, up to 40' AGL/269' MSL. Towers 1.2 NM from DER, 1851' right of centerline, up to 450' AGL/695' MSL.

## REIDSVILLE, GA

SWINTON SMITH FLD AT REIDSVILLE  
MUNI (RVJ)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1 12208 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 11**, trees beginning abeam DER, 500' right of centerline, up to 100' AGL/299' MSL. Trees beginning 1180' from DER, on centerline, up to 100' AGL/309' MSL. Power lines beginning 2840' from DER, 1020' left of centerline, up to 100' AGL/319' MSL.

**Rwy 29**, trees beginning abeam DER, left and right of centerline, up to 100' AGL/259' MSL. Trees beginning 1870' from DER, on centerline, up to 100' AGL/259' MSL.

DEPARTURE PROCEDURE: **Rwy 11**, climb on runway heading to 700 before turning left.

## ROME, GA

RICHARD B. RUSSELL RGNL-J.H. TOWERS  
FIELD (RMG)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 3 06215 (FAA)

TAKEOFF MINIMUMS: **Rwy 1**, standard with minimum climb of 365' per NM to 2100, or 1500 - 2½ for climb in visual conditions. **Rwy 25**, standard with minimum climb of 430' per NM to 1900, or 1500 - 2½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwys 1, 25**, for climb in visual conditions cross Richard B. Russell airport at or above 2000 MSL before proceeding on course. **Rwy 7**, climb heading 072° to 1400 before proceeding on course. **Rwy 19**, climb heading 187° to 1400 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 1**, tree 1557' from DER, 490' left of centerline, 42' AGL/671' MSL. Numerous trees beginning 4577' from DER, 250' left of centerline, up to 93' AGL/762' MSL. Tree 3650' from DER, 423' right of centerline, 78' AGL/727' MSL. **Rwy 7**, numerous trees beginning 103' from DER, 267' right of centerline, up to 70' AGL/689' MSL. Numerous trees beginning 38' from DER, 110' left of centerline, up to 72' AGL/609' MSL. Numerous trees beginning 929' from DER, 133' right of centerline, up to 76' AGL/685' MSL. Tree 2145' from DER, 63' right of centerline, 78' AGL/687' MSL. Numerous trees beginning 1716' from DER, 265' left of centerline, 92' AGL/691' MSL. **Rwy 19**, bush 91' from DER, 290' right of centerline, 3' AGL/642' MSL. Terrain 301' from DER, 342' right of centerline, 646' MSL. Tree 556' from DER, 602' right of centerline, 67' AGL/716' MSL. Tree 904' from DER, 134' left of centerline, 38' AGL/657' MSL. Tree 775' from DER, 501' left of centerline, 53' AGL/672' MSL. Tree 3025' from DER, 57' right of centerline, 88' AGL/717' MSL. Tree 2980' from DER, 70' left of centerline 86' AGL/715' MSL. Numerous trees beginning 2867' from DER, 569' left of centerline, up to 94' AGL/723' MSL. **Rwy 25**, bush 300' from DER, 328' right of centerline, 10' AGL/659' MSL. Numerous trees beginning 622' from DER, 252' right of centerline, up to 76' AGL/725' MSL. Road 528' from DER, 9' left of centerline, 663' AGL. Numerous trees beginning 547' from DER, 164' left of centerline, up to 86' AGL/735' MSL. Tree 1, 428' from DER, 27' left of centerline, 83' AGL/712' MSL. Tree 1,571' from DER, 35' right of centerline, 80' AGL/709' MSL. Tree 2344' from DER, 243' right of centerline, 97' AGL/726' MSL.

21 JUN 2018 to 19 JUL 2018

21 JUN 2018 to 19 JUL 2018

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

18144

SE-4

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

18144

## RUSSELLVILLE, AL

### BILL PUGH FIELD (M22)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG-A 11125 (FAA)

TAKEOFF MINIMUMS: **Rwy 20**, std. w/ a min. climb of 451' per NM to 1500, or 400-2 w/ a min. climb of 321' per NM to 1600, or 1000-2½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 2**, climb heading 018° to 1400 before proceeding on course. **Rwy 20**, climb heading 198° to 1300 before proceeding on course, or for climb in visual conditions: cross Bill Pugh Field at or above 1600 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 2**, trees beginning 592' from DER, 200' right of centerline, up to 100' AGL/839' MSL. Trees beginning 3598' from DER, 283' left of centerline, up to 100' AGL/839' MSL. **Rwy 20**, trees beginning 1228' from DER, 51' left of centerline, up to 100' AGL/1159' MSL. Trees beginning 1993' from DER, 380' right of centerline, up to 100' AGL/1159' MSL.

## ST ELMO, AL

### ST ELMO (2R5)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG 08045 (FAA)

DEPARTURE PROCEDURE: **Rwy 6**, climb heading 059° to 800 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 6**, trees 1499' from DER, on centerline, 45' AGL/174' MSL. **Rwy 24**, tree 1730' from DER, 716' left of centerline, 100' AGL/229' MSL. Trees 1076' from DER, on centerline, 34' AGL/164' MSL.

## SANDERSVILLE, GA

### KAOLIN FIELD (OKZ)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 2 13346 (FAA)

DEPARTURE PROCEDURE: **Rwy 13**, climb heading 125° to 1000 before turning right.

TAKEOFF OBSTACLE NOTES: **Rwy 13**, trees beginning 20' from DER, 375' left of centerline, up to 77' AGL/506' MSL. Trees beginning 43' from DER, 511' right of centerline, up to 73' AGL/492' MSL. Trees beginning 1214' from DER, 194' left of centerline, up to 96' AGL/565' MSL. Trees beginning 1202' from DER, 400' right of centerline, up to 95' AGL/514' MSL. **Rwy 31**, trees beginning 101' from DER, 242' right of centerline, up to 81' AGL/440' MSL. Trees beginning 347' from DER, 300' left of centerline, up to 58' AGL/437' MSL. Trees beginning 2456' from DER, 341' right of centerline, up to 98' AGL/477' MSL.

## SAVANNAH, GA

### SAVANNAH/HILTON HEAD INTL (SAV)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 7 17341 (FAA)

TAKEOFF MINIMUMS: **Rwy 10**, 400-2¼ or std. w/min. climb of 205' per NM to 600.

DEPARTURE PROCEDURE: **Rwy 1**, climb heading 6° to 600 before proceeding southwest. **Rwy 10**, climb heading 097° to 700 before proceeding southwest. **Rwy 19**, climb heading 186° to 1300 before turning right. **Rwy 28**, climb heading 277° to 1600 before turning left.

TAKEOFF OBSTACLE NOTES: **Rwy 1**, fence 94' from DER, 503' right of centerline, 7' AGL/47' MSL. Vehicles on road beginning 98' from DER, 504' right of centerline, up to 54' MSL. Tower 294' from DER, 416' right of centerline, 24' AGL/63' MSL. Pole 1336' from DER, 645' right of centerline, 77' MSL. Tree 2100' from DER, 1040' right of centerline, 97' MSL. Trees beginning 2208' from DER, 891' right of centerline, up to 113' MSL. **Rwy 10**, lighting 29' from DER, 152' right of centerline, 4' AGL/47' MSL. Lighting 29' from DER, 151' left of centerline, 4' AGL/48' MSL. Tree 200' from DER, 521' right of centerline, 65' MSL. Tree 743' from DER, 638' left of centerline, 69' MSL. Tree 1075' from DER, 720' left of centerline, 77' MSL. Tree 1893' from DER, 930' right of centerline, 99' MSL. Trees beginning 1979' from DER, 883' right of centerline, up to 118' MSL. Tree 2299' from DER, 1041' left of centerline, 104' MSL. Cranes beginning 2.2 NM from DER, 3433' left of centerline, up to 394' AGL/403' MSL. Cranes beginning 2.3 NM from DER, 2548' left of centerline, up to 394' AGL/404' MSL. Cranes beginning 2.3 NM from DER, 1650' left of centerline, up to 394' AGL/405' MSL. **Rwy 19**, tree 865' from DER, 665' right of centerline, 71' MSL. Trees beginning 1505' from DER, 782' left of centerline, up to 78' MSL. Tree 1796' from DER, 944' left of centerline, 82' MSL. **Rwy 28**, lighting 1' from DER, on centerline, 17' MSL. Sign 3' from DER, 316' left of centerline, 4' AGL/18' MSL. Tree 1297' from DER, 772' right of centerline, 68' MSL. Tree 1736' from DER, 775' right of centerline, 75' MSL. Tree 2331' from DER, 1038' left of centerline, 71' MSL. Tree 2453' from DER, 912' right of centerline, 91' MSL.

## SCOTTSBORO, AL

### SCOTTSBORO MUNI-WORD FIELD (4A6)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 1 13290 (FAA)

TAKEOFF MINIMUMS: **Rwy 4**, std. w/min. climb of 302' per NM to 2000 or 1400-2½ for climb in visual conditions.

**Rwy 22**, std. w/min. climb of 400' per NM to 1900 or 1400-2½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 4**, climb heading 040° to 2000 before proceeding on course or for climb in visual conditions: cross Scottsboro Muni-Word Field at or above 1900 MSL before proceeding on course. **Rwy 22**, climb heading 220° to 1900 before proceeding on course or for climb in visual conditions: cross Scottsboro Muni-Word Field at or above 1900 MSL before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 4**, pole 409' from DER, 302' left of centerline, 23' AGL/660' MSL. Terrain beginning 123' from DER, 546' left of centerline, up to 656' MSL. Terrain beginning 34' from DER, 206' from DER, 206' right of centerline, up to 633' MSL. **Rwy 22**, terrain beginning 3718' from DER, 1423' left of centerline, up to 751' MSL.

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

18144

SE-4

21 JUN 2018 to 19 JUL 2018

21 JUN 2018 to 19 JUL 2018

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

18144

## SELMA, AL

### CRAIG FIELD (SEM)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 2 07298 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 15**, trees beginning 2440' from DER, 231' right of centerline, up to 73' AGL/232' MSL. Trees beginning 1687' from DER, 568' left of centerline, up to 61' AGL/220' MSL. **Rwy 33**, tree 1416' from DER, 607' right of centerline, 62' AGL/211' MSL. Trees beginning 885' from DER, 439' left of centerline, up to 68' AGL/207' MSL.

## SWAINSBORO, GA

### EAST GEORGIA REGIONAL (SBO)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 2 12208 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 14**, Multiple poles and trees beginning 110' from DER, 53' right of centerline, up to 99' AGL/388' MSL. Multiple poles and trees beginning 861' from DER, 45' right of centerline, up to 75' AGL/394' MSL. **Rwy 32**, Multiple trees beginning 3390' from DER, 29' left of centerline, up to 100' AGL/419' MSL. Multiple trees beginning 206' from DER, 210' right of centerline, up to 45' AGL/354' MSL.

## SYLACAUGA, AL

### MERKEL FIELD - SYLACAUGA MUNI (SCD)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 3 14261 (FAA)

TAKEOFF MINIMUMS: **Rwy 9**, 300-1¼ or std. w/min. climb of 308' per NM to 900. **Rwy 27**, 200-1¼ or std. w/min. climb of 645' per NM to 800.

DEPARTURE PROCEDURE: **Rwy 9**, climb heading 079° to 2100 before turning right. **Rwy 27**, climb heading 259° to 1400 before turning right.

TAKEOFF OBSTACLE NOTES: **Rwy 9**, trees beginning 42' from DER, 261' right of centerline, up to 33' AGL/573' MSL. Multiple poles beginning 205' from DER, 340' right of centerline, up to 39' AGL/579' MSL. Vehicle on road 446' from DER, 456' right of centerline, 15' AGL/462' MSL. Trees beginning 774' from DER, 418' right of centerline, up to 69' AGL/609' MSL. Trees beginning 2435' from DER, 313' right of centerline, up to 63' AGL/613' MSL. **Rwy 27**, tree 32' from DER, 373' right of centerline, 3' AGL/583' MSL. Terrain 196' from DER, 400' right of centerline, 585' MSL. Pole 386' from DER, 592' right of centerline, 42' AGL/622' MSL. Vehicle on road beginning 425' from DER, 146' right of centerline, up to 15' AGL/618' MSL. Trees beginning 814' from DER, 93' right of centerline, up to 76' AGL/716' MSL. Terrain 1058' from DER, 568' right of centerline, 617' MSL. Trees beginning 4723' from DER, 531' right of centerline, up to 58' AGL/718' MSL. Trees beginning 18' from DER, 490' left of centerline, up to 36' AGL/616' MSL. Vehicle on road 84' from DER, 173' left of centerline, up to 15' AGL/581' MSL. Trees beginning 1070' from DER, 415' left of centerline, up to 81' AGL/621' MSL. Trees beginning 2309' from DER, 9' left of centerline, up to 66' AGL/646' MSL. Trees beginning 4059' from DER, 613' left of centerline, up to 77' AGL/737' MSL. Trees 1.1 NM from DER left and right of centerline, up to 100' AGL/738' MSL.

## SYLVANIA, GA

### PLANTATION AIRPARK (JYL)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
ORIG 09043 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 5**, trees and bushes beginning 1651' from DER, 203' left of centerline, up to 100' AGL/259' MSL. Trees beginning 1' from DER, 115' right of centerline, up to 100' AGL/289' MSL. **Rwy 15**, trees beginning 617' from DER, 660' left of centerline, up to 100' AGL/279' MSL. Trees beginning 1022' from DER, 640' right of centerline, up to 100' AGL/269' MSL. **Rwy 23**, trees beginning 15' from DER, 314' left of centerline, up to 100' AGL/269' MSL. Trees beginning 23' from DER, 364' right of centerline, up to 100' AGL/279' MSL. Vehicle on road 225' from DER, 87' right of centerline, 15' AGL/198' MSL. **Rwy 33**, trees beginning 1289' from DER, 461' left of centerline, up to 100' AGL/269' MSL. Trees beginning 107' from DER, 368' right of centerline, up to 100' MSL/279' MSL.

## TALLADEGA, AL

### TALLADEGA MUNI (ASN)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 3 13178 (FAA)

TAKEOFF MINIMUMS: **Rwy 4**, std. w/min. climb of 207' per NM to 1300 or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1700' prior to DER or 1400-2½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 4**, climb heading 038° to 2100 before turning right, or for climb in visual conditions: cross Talladega Muni airport at or above 1800' MSL before proceeding on course. When executing VCOA, notify ATC prior to departure. **Rwy 22**, climb heading 233° to 1900 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 4**, multiple poles beginning 904' from DER, 418' right of centerline, up to 48' AGL/568' MSL. Numerous trees beginning 1811' from DER, 48' right of centerline, up to 72' AGL/612' MSL. Flag pole 3421' from DER, 306' right of centerline, 74' AGL/614' MSL. Buildings and trees beginning 1319' from DER, 394' left of centerline, up to 89' AGL/629' MSL. **Rwy 22**, tree 14' from DER, 413' right of centerline, 62' AGL/562' MSL. Trees beginning 7' from DER, 325' left of centerline, up to 26' AGL/526' MSL.

## THOMASTON, GA

### THOMASTON-UPSON COUNTY (OPN)

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 2 09295 (FAA)

TAKEOFF MINIMUMS: **Rwy 30**, std. w/ a min. climb of 268' per NM to 1800, or 1100-2½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 30**, for climb in visual conditions: cross Thomaston-Upson County airport at or above 1700 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 30**, trees beginning 802' from DER, 444' right of centerline, up to 108' AGL/867' MSL. Power transmission lines 1625' from DER left to right of centerline 123' AGL/863' MSL. **Rwy 12**, trees beginning 2885' from DER, 510' left of centerline, up to 104' AGL/894' MSL.

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

18144

SE-4

21 JUN 2018 to 19 JUL 2018

21 JUN 2018 to 19 JUL 2018



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

18144

**THOMASVILLE, GA  
THOMASVILLE RGNL (TVI)**

TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 2 17173 (FAA)

TAKEOFF MINIMUMS: **Rwy 4**, app light 10' from DER, 9' right of centerline, 2' AGL/231' MSL. App light 11' from DER, 10' left of centerline, 2' AGL/232' MSL. Terrain, tree, beginning 53' from DER, 150' right of centerline, up to 237' MSL. Terrain 351' from DER, 438' left of centerline, 240' MSL. Terrain 518' from DER, 237' left of centerline, 247' MSL. Tree, terrain, beginning 570' from DER, 625' left of centerline, up to 269' MSL. Tree 670' from DER, 577' left of centerline, 281' MSL. Tree 691' from DER, 645' right of centerline, 281' MSL. Tree, terrain, beginning 744' from DER, 432' left of centerline, up to 292' MSL. Tree, pole, beginning 914' from DER, 587' left of centerline, up to 300' MSL. Tree 2212' from DER, 861' right of centerline, 327' MSL. Trees, beginning 2344' from DER, 707' right of centerline, up to 354' MSL. Tree 2632' from DER, 1144' left of centerline, 338' MSL. Trees, beginning 2645' from DER, 1147' left of centerline, up to 343' MSL. Trees, beginning 3006' from DER, 857' right of centerline, up to 356' MSL. **Rwy 14**, app light 10' from DER, 9' right of centerline, 2' AGL/231' MSL. App light 11' from DER, 10' left of centerline, 2' AGL/232' MSL. Terrain, tree, beginning 53' from DER, 150' right of centerline, up to 237' MSL. Terrain 351' from DER, 438' left of centerline, 240' MSL. Terrain 518' from DER, 237' left of centerline, 247' MSL. Tree, terrain, beginning 570' from DER, 625' left of centerline, up to 269' MSL. Tree 670' from DER, 577' left of centerline, 281' MSL. Tree 691' from DER, 645' right of centerline, 281' MSL. Tree, terrain, beginning 744' from DER, 432' left of centerline, up to 292' MSL. Tree, pole, beginning 914' from DER, 587' left of centerline, up to 300' MSL. Tree 2212' from DER, 861' right of centerline, 327' MSL. Trees, beginning 2344' from DER, 707' right of centerline, up to 354' MSL. Tree 2632' from DER, 1144' left of centerline, 338' MSL. Trees, beginning 2645' from DER, 1147' left of centerline, up to 343' MSL. Trees, beginning 3006' from DER, 857' right of centerline, up to 356' MSL.

**THOMASVILLE, GA (CON'T)  
THOMASVILLE RGNL (CON'T)**

**Rwy 22**, post, ground, beginning 78' from DER, 429' right of centerline, up to 6' AGL/249' MSL. Tree 79' from DER, 319' left of centerline, 248' MSL. Tree 336' from DER, 541' left of centerline, 302' MSL. Tree 343' from DER, 542' left of centerline, 304' MSL. Tree 445' from DER, 565' right of centerline, 317' MSL. Trees, beginning 458' from DER, 562' left of centerline, up to 319' MSL. Tree, road, beginning 491' from DER, 84' right of centerline, up to 335' MSL. Tree, road, beginning 647' from DER, 73' left of centerline, up to 331' MSL. Trees, beginning 827' from DER, 285' left of centerline, up to 337' MSL. Trees, beginning 1053' from DER, 53' left of centerline, up to 347' MSL. Trees, beginning 1058' from DER, 59' right of centerline, up to 337' MSL. Trees, beginning 1248' from DER, 26' right of centerline, up to 340' MSL. Trees, beginning 1262' from DER, 131' left of centerline, up to 349' MSL. Trees beginning 1372' from DER, 97' left of centerline, up to 351' MSL. Trees, beginning 1420' from DER, 101' right of centerline, up to 346' MSL. Tree 1671' from DER, 905' right of centerline, 350' MSL. Trees, beginning 1672' from DER, 40' right of centerline, up to 351' MSL. Tree 1763' from DER, 959' left of centerline, 355' MSL. Trees, beginning 1763' from DER, 70' left of centerline, up to 353' MSL. Tree 1966' from DER, 662' left of centerline, 355' MSL. Trees, beginning 1990' from DER, 89' left of centerline, up to 358' MSL. Trees, beginning 2093' from DER, 21' left of centerline, up to 361' MSL. Tree 2451' from DER, 490' right of centerline, 353' MSL. Trees, beginning 2475' from DER, 42' right of centerline, up to 357' MSL. Trees, beginning 2510' from DER, 588' right of centerline, up to 358' MSL. Trees, beginning 2592' from DER, 6' right of centerline, up to 364' MSL. Tree 4594' from DER, 70' left of centerline, 363' MSL. **Rwy 32**, tree 177' from DER, 491' left of centerline, 317' MSL. Trees, beginning 483' from DER, 537' right of centerline, up to 335' MSL. Tree 768' from DER, 603' left of centerline, 331' MSL. Trees, beginning 817' from DER, 157' left of centerline, up to 335' MSL. Tree 1064' from DER, 640' right of centerline, 337' MSL. Trees, beginning 1089' from DER, 55' right of centerline, up to 339' MSL. Tree 1622' from DER, 775' left of centerline, 337' MSL. Trees, beginning 1629' from DER, 78' left of centerline, up to 342' MSL. Trees, beginning 2461' from DER, 6' right of centerline, up to 342' MSL. Tree 3069' from DER, 232' right of centerline, 343' MSL. Trees, beginning 3253' from DER, 144' left of centerline, up to 351' MSL. Trees, beginning 3333' from DER, 208' right of centerline, up to 361' MSL. Trees, beginning 4595' from DER, 72' left of centerline, up to 364' MSL.

21 JUN 2018 to 19 JUL 2018

21 JUN 2018 to 19 JUL 2018

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

18144

SE-4

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

18144

## THOMSON, GA

### THOMSON-MCDUFFIE COUNTY (HQU)

#### TAKEOFF MINIMUMS AND (OBSTACLE)

#### DEPARTURE PROCEDURES

#### AMDT 2 16259 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 10**, t-l twr 178' from DER, 455' left of centerline, 35' AGL/529' MSL. Tree, t-l twr beginning 382' from DER, 48' left of centerline, up to 592' MSL. T-l twr 669' from DER, 623' right of centerline, 33' AGL/524' MSL. T-l twrs beginning 686' from DER, 415' right of centerline, up to 35' AGL/531' MSL. T-l twr 730' from DER, 626' right of centerline, 40' AGL/532' MSL. Pole 999' from DER, 618' right of centerline, 60' AGL/553' MSL. Pole, bldg beginning 1001' from DER, 539' right of centerline, up to 556' MSL. T-l twr 1984' from DER, 333' right of centerline, 91' AGL/580' MSL. T-l twr 2005' from DER, 428' right of centerline, 99' AGL/588' MSL. Pole, t-l twr beginning 2127' from DER, 942' right of centerline, up to 589' MSL. **Rwy 28**, tree 200' from DER, 547' left of centerline, 477' MSL. Tree 425' from DER, 521' left of centerline, 479' MSL. Trees beginning 453' from DER, 537' right of centerline, up to 514' MSL. Tree 757' from DER, 654' left of centerline, 503' MSL. Trees beginning 3899' from DER, 1121' left of centerline, up to 562' MSL. Tree 4902' from DER, 1248' left of centerline, 578' MSL. Trees beginning 4902' from DER, 1180' left of centerline, up to 578' MSL.

## TIFTON, GA

### HENRY TIFT MYERS (TMA)

#### TAKEOFF MINIMUMS AND (OBSTACLE)

#### DEPARTURE PROCEDURES

#### AMDT 6A 17229 (FAA)

TAKEOFF MINIMUMS: **Rwy 34**, 400-2¼ or std. with a min. climb of 360' per NM to 900.

DEPARTURE PROCEDURE: **Rwy 28**, climb heading 277° to 1200 before turning right. **Rwy 34**, climb heading 332° to 900 before turning left.

TAKEOFF OBSTACLE NOTES: **Rwy 10**, tree 167' from DER, 491' right of centerline, 377' MSL. Trees beginning 208' from DER, 308' left of centerline, up to 390' MSL. Trees beginning 618' from DER, 525' left of centerline, up to 403' MSL. Tree 791' from DER, 623' right of centerline, 384' MSL. Tree 840' from DER, 569' right of centerline, 393' MSL. Trees beginning 1274' from DER, 611' left of centerline, up to 413' MSL. Tree 1788' from DER, 788' left of centerline, 416' MSL. Trees beginning 1876' from DER, 660' left of centerline, up to 423' MSL. Trees beginning 1968' from DER, 161' right of centerline, up to 427' MSL. Tree 2402' from DER, 704' left of centerline, 428' MSL. **Rwy 16**, tree and runway light beginning 6' from DER, 60' right of centerline, up to 54' AGL/377' MSL. Runway light 11' from DER, 59' left of centerline, 2' AGL/340' MSL. Tree 293' from DER, 565' right of centerline, 378' MSL. Tree and pole beginning 298' from DER, 441' right of centerline, up to 379' MSL. Tree 565' from DER, 647' left of centerline, 371' MSL. Trees beginning 567' from DER, 520' left of centerline, up to 376' MSL. Tree 603' from DER, 635' right of centerline, 414' MSL. Trees beginning 604' from DER, 421' right of centerline, up to 417' MSL. Trees beginning 972' from DER, 532' left of centerline, up to 380' MSL. Tree 2947' from DER, 572' right of centerline, 419' MSL. Trees beginning 2951' from DER, 470' right of centerline, up to 428' MSL.

## TIFTON, GA (CON'T)

### HENRY TIFT MYERS (TMA) (CON'T)

**Rwy 28**, tree 78' from DER, 287' right of centerline, 385' MSL. Trees beginning 139' from DER, 272' right of centerline, up to 392' MSL. Trees beginning 1074' from DER, 289' left of centerline, up to 410' MSL. Tree 1206' from DER, 558' left of centerline, 416' MSL. Trees beginning 1244' from DER, 24' left of centerline, up to 419' MSL. Tree 1281' from DER, 178' right of centerline, 403' MSL. Tree 1295' from DER, 223' right of centerline, 415' MSL. Trees beginning 1295' from DER, 88' right of centerline, up to 417' MSL. Trees beginning 1316' from DER, 456' left of centerline, up to 420' MSL. Trees beginning 1323' from DER, 296' left of centerline, up to 421' MSL. Trees beginning 1368' from DER, 154' left of centerline, up to 427' MSL. Tree and pole beginning 1409' from DER, 7' left of centerline, up to 430' MSL. Trees beginning 1445' from DER, 76' right of centerline, up to 421' MSL. Trees beginning 1480' from DER, 209' right of centerline, up to 425' MSL. Trees beginning 1537' from DER, 260' right of centerline, up to 426' MSL. Trees beginning 1555' from DER, 124' right of centerline, up to 429' MSL. Trees beginning 1625' from DER, 86' right of centerline, up to 430' MSL. Trees beginning 1676' from DER, on centerline, up to 434' MSL. Tree and pole beginning 1754' from DER, 34' right of centerline, up to 437' MSL. Tree 1898' from DER, 625' right of centerline, 92' AGL/439' MSL. Trees beginning 1899' from DER, 23' right of centerline, up to 441' MSL. Trees beginning 1929' from DER, 13' left of centerline, up to 433' MSL. Trees beginning 2743' from DER, 79' left of centerline, up to 434' MSL. Trees beginning 3117' from DER, 297' right of centerline, up to 450' MSL. Trees beginning 3452' from DER, 1116' right of centerline, up to 96' AGL/451' MSL. **Rwy 34**, trees beginning 9' from DER, 150' right of centerline, up to 358' MSL. Tree 76' from DER, 457' left of centerline, 57' AGL/398' MSL. Tree and pole beginning 178' from DER, 389' left of centerline, up to 405' MSL. Tree and pole beginning 282' from DER, 337' left of centerline, up to 428' MSL. Tree 667' from DER, 642' right of centerline, 416' MSL. Trees beginning 713' from DER, 510' right of centerline, up to 431' MSL. Trees beginning 832' from DER, 291' right of centerline, up to 436' MSL. Tree 2018' from DER, 964' left of centerline, 434' MSL. Trees beginning 2021' from DER, 618' left of centerline, up to 438' MSL. Trees beginning 2504' from DER, 890' left of centerline, up to 440' MSL. Tree 2584' from DER, 1173' left of centerline, 443' MSL. Trees beginning 2586' from DER, 132' left of centerline, up to 451' MSL. Trees beginning 2814' from DER, 938' right of centerline, up to 439' MSL. Tree 2932' from DER, 1033' right of centerline, 440' MSL. Trees beginning 2933' from DER, 841' right of centerline, up to 443' MSL. Trees beginning 3250' from DER, 393' right of centerline, up to 450' MSL. Tower 5755' from DER, 1324' right of centerline, 155' AGL/523' MSL. Tower 1.2 NM from DER, 273' right of centerline, 190' AGL/569' MSL. Tower and antenna beginning 1.5 NM from DER, 789' left of centerline, up to 349' AGL/688' MSL. Tower 1.9 NM from DER, 816' left of centerline, 292' AGL/652' MSL.

21 JUN 2018 to 19 JUL 2018

21 JUN 2018 to 19 JUL 2018

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

18144

SE-4

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

18144

## TOCCOA, GA

TOCCOA RG LETOURNEAU FIELD (TOC)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 3A 15344 (FAA)

TAKEOFF MINIMUMS: **Rwy 3**, std. w/ min. climb of 430' per NM to 2600 or 1600-3 for climb in visual conditions. **Rwy 27**, std. w/ min. climb of 478' per NM to 2500 or 1600-3 for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 9**, climb heading 094° to 200 before turning on course. **Rwy 21**, climb heading 207° to 220 before turning on course.

VCOA: **Rwy 3, 27**, obtain ATC approval for climb in visual conditions when requesting IFR clearance. Climb in visual conditions to cross Toccoa Rg Letourneau field airport at or above 2600 MSL, before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 3**, tree 142' from DER, 458' right of centerline, 57' AGL/1,032' MSL, scattering trees 71' from DER, 271' right of centerline, 57' AGL/989' MSL. **Rwy 9**, terrain 99' from DER, 177' right of centerline, 975' MSL, terrain 108' from DER, 126' left of centerline, 955' MSL. **Rwy 21**, terrain 29' from DER, 208' right of centerline 1023' MSL. Tower 376' from DER, 520' left of centerline up to 39' AGL/1008' MSL. Multiple trees 589' from DER, 196' right of centerline, up to 66' AGL/1120' MSL. Multiple trees 553' from DER, 62' left of centerline, up to 89' AGL/1107' MSL. **Rwy 27**, tower 1.2 NM from DER, 1818' left of centerline, 354' AGL/1364' MSL.

## TROY, AL

TROY MUNI AIRPORT AT N KENNETH  
CAMPBELL FIELD (TOI)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 6 14149 (FAA)

TAKEOFF MINIMUMS: **Rwy 14**, std. w/min. climb of 280' per NM to 1200 or 1600-2½ for climb in visual conditions. **Rwy 32**, std. w/min. climb of 281' per NM to 3200 or 1600-2½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 7**, climb heading 073° to 1000 before turning left. **Rwy 14**, climb heading 147° to 1200 before turning right, for climb in visual conditions: cross Troy Muni at N. Kenneth Campbell field at or above 1800 MSL before proceeding on course. When executing VCOA, notify ATC prior to departure. **Rwy 25**, climb heading 254° to 1700 before turning right. **Rwy 32**, for climb in visual conditions: cross Troy Muni at N. Kenneth Campbell field at or above 1800 MSL before proceeding on course. When executing VCOA, notify ATC prior to departure.

## TROY, AL (CON'T)

TROY MUNI AIRPORT AT N KENNETH  
CAMPBELL FIELD (TOI) (CON'T)

TAKEOFF OBSTACLE NOTES: **Rwy 7**, sign 38' from DER, 425' right of centerline, 23' AGL/413' MSL. Trees beginning 297' from DER, 339' left of centerline, up to 80' AGL/471' MSL. Trees beginning 802' from DER, 455' right of centerline, up to 65' AGL/449' MSL. Trees beginning 1846' from DER, 363' left of centerline, up to 100' AGL/519' MSL. **Rwy 14**, trees beginning 52' from DER, 338' left of centerline, up to 66' AGL/431' MSL. Trees beginning 305' from DER, 330' right of centerline, up to 60' AGL/425' MSL. Trees beginning 548' from DER, 84' left of centerline, up to 100' AGL/465' MSL. Trees beginning 1176' from DER, 32' right of centerline, up to 95' AGL/449' MSL. Pole and trees beginning 1.1 NM from DER, left and right of centerline, up to 100' AGL/606' MSL. **Rwy 25**, trees beginning 31' from DER, 476' left of centerline, up to 100' AGL/447' MSL. Trees beginning 119' from DER, 420' right of centerline, up to 45' AGL/414' MSL. Trees beginning 1485' from DER, 761' right of centerline, up to 80' AGL/523' MSL. Tree 4066' from DER, 1355' left of centerline, 100' AGL/519' MSL. **Rwy 32**, terrain and brush beginning 148' from DER, left and right of centerline, up to 12' AGL/427' MSL. Terrain, brush, and trees beginning 673' from DER, left and right of centerline, up to 65' AGL/505' MSL. Pole, brush, and trees beginning 1979' from DER, left and right of centerline, up to 100' AGL/549' MSL.

## TUSCALOOSA, AL

TUSCALOOSA RG NGL (TCL)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURES  
AMDT 2A 11069 (FAA)

TAKEOFF MINIMUMS: **Rwy 4**, 300-2 or std. w/min. climb of 271' per NM to 500. **Rwy 12**, 400-2½ or std. w/ a min climb of 217' per NM to 600, or alternatively, w/ standard takeoff minimums and a normal 200/NM climb gradient, takeoff must occur no later than 1900' prior to DER. **Rwy 30**, 300-2½ or std. w/ a min. climb of 207' per NM to 600, or alternatively, w/ standard takeoff minimums and a normal 200/NM climb gradient, takeoff must occur no later than 1400' prior to DER.

TAKEOFF OBSTACLE NOTES: **Rwy 4**, tower 4604' from DER, 344' left of centerline, 125' AGL/320' MSL. Trees beginning 1129' from DER, left and right of centerline, up to 103' AGL 263' MSL. Trees beginning 4525' from DER, left and right of centerline, up to 95' AGL/330' MSL. Trees beginning 1.3 NM from DER, 523' left of centerline, up to 100' AGL/409' MSL. Trees beginning 1621' from DER, 702' left of centerline, up to 70' AGL/409' MSL. Trees beginning 1061' from DER, 117' right of centerline, up to 76' AGL/225' MSL. **Rwy 12**, multiple trees beginning 562' from DER, 157' right of centerline, up to 78' AGL/251' MSL. multiple trees beginning 575' from DER, 62' left of centerline, up to 78' AGL/216' MSL. Trees beginning 576' from DER, 566' left of centerline, up to 58' AGL/197' MSL. Trees beginning 717' from DER, 480' right of centerline, up to 90' AGL/249' MSL, tower 2 NM from DER, 1178' left of centerline, 239' AGL/494' MSL. **Rwy 22**, trees beginning 423' from DER, 587' left of centerline, up to 63' AGL/203' MSL. Tree 1419' from DER, 506' right of centerline, 54' AGL/195' MSL. **Rwy 30**, light pole 684' from DER, 384' left of centerline 61' AGL/213' MSL. Trees beginning 839' from DER, 169' left of centerline up to 100' AGL/449' MSL. Trees beginning 381' from DER, 229' right of centerline, up to 89' AGL/258' MSL. Railroad 623' from DER, 157' right of centerline, 25' AGL/190' MSL. Vehicle on road 413' from DER, 136' right of centerline, 17' AGL/181' MSL.

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

18144

SE-4

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

18144

## TUSKEGEE, AL

MOTON FIELD MUNI (06A)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 09099 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 13**, trees beginning 5' from DER, 295' right of centerline, up to 100' AGL/389' MSL. Trees beginning 6' from DER, 304' left of centerline, up to 100' AGL/359' MSL. **Rwy 31**, trees beginning 12' from DER, 219' right of centerline, up to 100' AGL/359' MSL. Vehicle 464' from DER, 601' left of centerline, up to 15' AGL/284' MSL. Trees beginning 929' from DER, 568' left of centerline, up to 100' AGL/369' MSL.

## VALDOSTA, GA

VALDOSTA RGNL (VLD)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 2 10322 (FAA)

TAKEOFF MINIMUMS: **Rwy 31**, std. w/ min. climb of 220' per NM to 900 or 900-2% for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 31**, for climb in visual conditions: cross Valdosta RGNL Airport at or above 1000 MSL before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 4**, trees beginning 57' from DER, 227' right of centerline, up to 100' AGL/367' MSL. Trees beginning 1524' from DER, 92' left of centerline, up to 100' AGL/319' MSL. Vehicles on roadway beginning 845' from DER, 605' right of centerline, up to 15' AGL/214' MSL. **Rwy 13**, trees beginning 1316' from DER, 125' left of centerline, up to 100' AGL/299' MSL. Trees beginning 1803' from DER, 44' right of centerline, up to 100' AGL/289' MSL. **Rwy 17**, trees beginning 1794' from DER, 454' right of centerline, up to 100' AGL/309' MSL. Trees beginning 861' from DER, 110' left of centerline, up to 100' AGL/289' MSL. **Rwy 22**, railroad 722' from DER, 324' right of centerline, 23' AGL/220' MSL. Trees beginning 75' from DER, 159' right of centerline, up to 100' AGL/250' MSL. Trees beginning 70' from DER, 165' left of centerline, up to 100' AGL/241' MSL. Bush 244' from DER, 77' left of centerline, up to 16' AGL/206' MSL. **Rwy 31**, trees beginning 465' from DER, 277' right of centerline, up to 100' AGL/270' MSL. Trees beginning 600' from DER, 2' left of centerline, up to 100' AGL/309' MSL. **Rwy 35**, trees beginning 1653' from DER, 246' right of centerline, up to 100' AGL/256' MSL. Trees beginning 1669' from DER, 135' left of centerline, up to 100' AGL/289' MSL.

DIVERSE VECTOR AREA (RADAR VECTORS)

AMDT 1 16343 (FAA)

**Rwys 4, 13, 17, 22, 35**, heading as assigned by ATC.

**Rwy 31**, heading as assigned by ATC; requires minimum climb of 230' per NM to 700.

## VERNON, AL

LAMAR COUNTY (M55)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 2 10266 (FAA)

TAKEOFF MINIMUMS: **Rwy 17**, 300-1.

TAKEOFF OBSTACLE NOTES: **Rwy 17**, vehicle 2255' from DER, 72' left of centerline, 15' AGL/515' MSL. Trees beginning 382' from DER, 110' right of centerline, up to 100' AGL/579' MSL. Trees beginning 181' from DER, 168' left of centerline, up to 100' AGL/596' MSL. **Rwy 35**, trees beginning 26' from DER, 235' left of centerline, up to 100' AGL/559' MSL. Trees beginning 305' from DER, 328' right of centerline, up to 100' AGL/559' MSL.

## VIDALIA, GA

VIDALIA RGNL (VDI)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

AMDT 2 15232 (FAA)

TAKEOFF MINIMUMS: **Rwy 32**, 300-1½ or std. w/min. climb of 225' per NM to 500, or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1600' prior to DER.

TAKEOFF OBSTACLE NOTES: **Rwy 7**, sign 32' from DER, 75' left of centerline, 1' AGL/270' MSL. Trees beginning 324' from DER, 574' left of centerline, up to 75' AGL/305' MSL. Trees beginning 969' from DER, 706' right of centerline, up to 85' AGL/325' MSL. Tree 3121' from DER, 936' left of centerline, 118' AGL/348' MSL. **Rwy 14**, trees beginning 14' from DER, 228' right of centerline, up to 73' AGL/333' MSL. Trees beginning 29' from DER, 328' left of centerline, up to 80' AGL/342' MSL. Trees beginning 1258' from DER, left and right of centerline, up to 102' AGL/338' MSL. **Rwy 25**, REILs 8' from DER, 90' left and right of centerline, 1' AGL/274' MSL. Trees beginning 8' from DER, 262' right of centerline, up to 85' AGL/355' MSL. Terrain 24' from DER, 331' right of centerline, 280' MSL. Trees beginning 88' from DER, 284' left of centerline, up to 99' AGL/339' MSL. **Rwy 32**, trees beginning 4' from DER, 271' left of centerline, up to 105' AGL/345' MSL. Trees beginning 57' from DER, 318' right of centerline, up to 82' AGL/338' MSL. Trees beginning 1157' from DER, left and right of centerline, up to 103' AGL/357' MSL. Water tower: 5411' from DER, 1012' right of centerline, 134' AGL/424' MSL.

## WASHINGTON, GA

WASHINGTON-WILKES COUNTY (IIV)

TAKEOFF MINIMUMS AND (OBSTACLE)

DEPARTURE PROCEDURES

ORIG 84061 (FAA)

TAKEOFF MINIMUMS: **Rwy 31**, 300-1 or std. with a min. climb of 270' per NM to 900.

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

18144

SE-4

21 JUN 2018 to 19 JUL 2018

21 JUN 2018 to 19 JUL 2018

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

18144

## WAYCROSS, GA

### WAYCROSS-WARE COUNTY (AYS)

#### TAKEOFF MINIMUMS AND (OBSTACLE)

#### DEPARTURE PROCEDURES

AMDT 2 16035 (FAA)

TAKEOFF MINIMUMS: **Rwy 19**, 500-3 or std. w/min. climb of 230' per NM to 700.

TAKEOFF OBSTACLE NOTES: **Rwy 1**, vehicle on road beginning 66' from DER, 182' right of centerline, up to 15' AGL/147' MSL. Poles and trees beginning 934' from DER, 698' right of centerline, up to 100' AGL/253' MSL. Gen util 13' from DER, 153' left of centerline, 1' AGL/141' MSL. Trees beginning 1964' from DER, 860' left of centerline, up to 100' AGL/242' MSL. **Rwy 5**, trees beginning 21' from DER, 63' right of centerline, up to 31' AGL/141' MSL. Trees beginning 785' from DER, 8' right of centerline, up to 100' AGL/217' MSL. Trees beginning 10' from DER, 282' left of centerline up to 100' AGL/185' MSL. Trees beginning 701' from DER, 2' left of centerline, up to 100' AGL/232' MSL. **Rwy 13**, trees beginning 11' from DER, 5' right of centerline, up to 100' AGL/250' MSL. Trees and poles beginning 658' from DER, 3' left of centerline, up to 100' AGL/237' MSL. Catenary 2559' from DER, 886' left of centerline, 78' AGL/216' MSL. **Rwy 19**, tower 2.5 NM from DER, 1012' right of centerline, 417' AGL/557' MSL. Vehicle on road beginning 115' from DER, 226 right of centerline up to 15' AGL/147' MSL. Trees and poles beginning 9' from DER, 47' right of centerline, up to 100' AGL/238' MSL. Poles and trees beginning 1092' from DER, 2' left of centerline, up to 100' AGL/233' MSL. **Rwy 23**, trees beginning 69' from DER, right and left of centerline, up to 100' AGL/249' MSL. **Rwy 31**, tower 55' from DER, 255' left of centerline, 48' AGL/187' MSL. Vehicle on road beginning 110' from DER, 364' left of centerline, up to 15' AGL/155' MSL. Trees beginning 1741' from DER, 791' left of centerline, up to 100' AGL/216' MSL. Trees beginning 2852' from DER, 216' right of centerline, up to 100' AGL/254' MSL.

## WAYNESBORO, GA

### BURKE COUNTY (BXG)

#### TAKEOFF MINIMUMS AND (OBSTACLE)

#### DEPARTURE PROCEDURES

ORIG 07242 (FAA)

TAKEOFF OBSTACLE NOTES: **Rwy 8**, trees beginning 485' from DER, 129' left of centerline, up to 100' AGL/440' MSL. Trees beginning 2228' from DER, 82' right of centerline, up to 100' AGL/409' MSL. **Rwy 26**, trees beginning 3053' from DER, 800' left of centerline, up to 100' AGL/ 439' MSL. Trees beginning 3843' from DER, 416' right of centerline, up to 100' AGL/429' MSL.

## WETUMPKA, AL

### WETUMPKA MUNI (08A)

#### TAKEOFF MINIMUMS AND (OBSTACLE)

#### DEPARTURE PROCEDURES

ORIG 10154 (FAA)

TAKEOFF MINIMUMS: **Rwys 18, 36**, NA-Environmental.

**Rwy 27**, 500-3 with minimum climb of 220' per NM to 800 or standard with minimum climb of 450' per NM to 600 or 1000-2½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 27**, for climb in visual conditions cross Wetumpka Muni airport at or above 1000 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 9**, vehicle on roadway 471' from DER, 591' left of centerline, up to 15' AGL/214' MSL. Trees beginning 540' from DER, left and right of centerline, up to 100' AGL/299' MSL. **Rwy 27**, building 453' from DER, 434' right of centerline, 25' AGL/224' MSL. Vehicles on roadway 617' from DER, left and right of centerline, up to 15' AGL/214' MSL. Trees beginning 1314' from DER, 50' right of centerline, up to 100' AGL/309' MSL. Power lines beginning 2243' from DER, left and right of centerline, up to 88' AGL/322' MSL. Trees beginning 3454' from DER, left and right of centerline, up to 100' AGL/409' MSL. Rising terrain and trees beginning 1.7 miles from DER, left and right of centerline, up to 200' AGL/639' MSL.

## WINDER, GA

### BARROW COUNTY (WDR)

#### TAKEOFF MINIMUMS AND (OBSTACLE)

#### DEPARTURE PROCEDURES

AMDT 1 10098 (FAA)

TAKEOFF MINIMUMS: **Rwy 23**, std. w/ min. climb of 210' per NM to 3100 or 900-2½ for climb in visual conditions.

**Rwy 31**, 300-1¼ or std. w/ min. climb of 205' per NM to 1300, or alternatively, w/ standard takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 1300' prior to DER.

DEPARTURE PROCEDURE: **Rwy 23**, for climb in visual conditions: Cross Barrow County Airport at or above 1700' MSL before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 5**, multiple trees beginning 6' from DER, 41' left of centerline, up to 48' AGL/982' MSL. Multiple trees beginning 43' from DER, 24' right of centerline, up to 74' AGL/973' MSL. **Rwy 13**, multiple trees/poles/signs beginning 835' from DER, 16' left of centerline, up to 74' AGL/983' MSL. Multiple trees/poles beginning 82' from DER, 8' right of centerline, up to 59' AGL/968' MSL. **Rwy 23**, multiple trees beginning 31' from DER, 344' left of centerline, up to 100' AGL/1041' MSL. Multiple trees beginning 487' from DER, 279' right of centerline, up to 100' AGL/1059' MSL. **Rwy 31**, multiple trees beginning 493' from DER, 30' left of centerline, up to 100' AGL/1139' MSL. Multiple trees beginning 63' from DER, 19' right of centerline, up to 57' AGL/1000' MSL. Localizer antenna 295' from DER, on centerline 8' AGL/943' MSL. Tree 7804' from DER, 1990' left of centerline, 100' AGL/1139' MSL.

21 JUN 2018 to 19 JUL 2018

21 JUN 2018 to 19 JUL 2018

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

18144

SE-4