

INSTRUMENT APPROACH PROCEDURE CHARTS

IFR TAKE-OFF 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 take-off minimums other than standard, are listed below. Take-off Minimums and Departure Procedures apply to all runways unless otherwise specified. 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 described below in text, or published separately as a graphic procedure. If the (Obstacle) DP is published as a graphic procedure, its name will be listed below, and it can be found in either this volume (civil), or a separate Departure Procedure volume (military), as appropriate. Users will recognize graphic obstacle DPs by the term "(OBSTACLE)" included in the procedure title; e.g., TETON TWO (OBSTACLE). If not assigned a SID or radar vector by ATC, an ODP may be flown without ATC clearance to ensure obstacle clearance.

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 take-off rules and establishes take-off minimums for certain operators as follows: (1) Aircraft having two engines or less - one statute mile. (2) Aircraft having more than two engines - one-half statute mile. These standard minima apply in the absence of any different minima listed below.

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

NAME TAKE-OFF MINIMUMS

ASHLAND, KY

ASHLAND RGNL (DWU)

AMDT 4 09015 (FAA)

TAKE-OFF MINIMUMS: Rwy 10, 600-2¼ or std. with a min. climb of 430' per NM to 1100.

DEPARTURE PROCEDURE: Rwy 10, climb heading 103° to 1200 before proceeding on course. Rwy 28, climb heading 283° to 1100 before turning right.

NOTE: Rwy 10, trees beginning 1.96 NM from departure end of runway, 1810' left of centerline, up to 100' AGL/979' MSL. Trees beginning 1.18 NM from departure end of runway, 2051' left of centerline, 100' AGL/899' MSL.

Rwy 28, trees beginning 200' from departure end of runway, 25' left of centerline, up to 100' AGL/640' MSL. Trees beginning 203' from departure end of runway, 341' left of centerline, up to 100' AGL/659' MSL.

ATHENS, TN

MCMINN COUNTY

TAKE-OFF MINIMUMS: Rwy 2, 300-1.

DEPARTURE PROCEDURE: Climb on runway heading to 2000 prior to turn.

NAME TAKE-OFF MINIMUMS

BARDSTOWN, KY

SAMUELS FIELD

DEPARTURE PROCEDURE: Rwy 2, climb runway heading to 1100 before turning east.

BOLIVAR, TN

WILLIAM L. WHITEHURST FIELD

TAKE-OFF MINIMUMS: Rwy 1, 200-1. Rwy 19, 300-1.

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BOWLING GREEN, KY

BOWLING GREEN-WARREN COUNTY RGNL
TAKE-OFF MINIMUMS: **Rwy 3**, 3,000-1.

BRISTOL-JOHNSON-KINGSPORT, TN

TRI-CITIES RGNL, TN/VA

TAKE-OFF MINIMUMS: **Rwy 5**, std. with a min. climb of 242' per NM to 2400, or 1000-3 for climb in visual conditions. **Rwy 23**, 300-1½ or std. with a min. climb of 294' per NM to 1700. **Rwy 27**, 400-2¼ or std. with a min. climb of 524' per NM to 2000.

DEPARTURE PROCEDURE: **Rwy 5**, climbing left turn via heading 042° and GZG VOR/DME R-219 to 3500 before proceeding on course. For climb in visual conditions: Cross Tri-Cities Rgnl TN/VA airport at or above 2500 then climbing left turn via heading 042° and GZG VOR/DME R-219 to 3500 before proceeding on course. **Rwy 9**, climb via heading 094° then climbing left turn via GZG VOR/DME R-200 to 5400 before proceeding on course. **Rwy 23**, climb via heading 228° then climbing right turn via HMV VORTAC R-260 to 3700 before proceeding on course. **Rwy 27**, climb via heading 274° to 2800 before proceeding on course.

NOTE: **Rwy 5**, trees beginning 2048' from departure end of runway, 936' left of centerline, up to 90' AGL/1599' MSL. **Rwy 9**, tree 51' from departure end of runway, 389' left of centerline, 38' AGL/1528' MSL. Tree 264' from departure end of runway, 370' right of centerline, 46' AGL/1566' MSL. **Rwy 23**, trees beginning 3994' from departure end of runway, 149' right of centerline, up to 95' AGL/1645' MSL. Tree 3755' from departure end of runway, 299' left of centerline, 75' AGL/1592' MSL. Trees beginning 4056' from departure end of runway, within 10' of centerline, up to 95' AGL/1659' MSL. **Rwy 27**, radar antenna 4642' from departure end of runway, 588' left of centerline, 116' AGL/1811' MSL. Pipe beginning 339' from departure end of runway, 309' left of centerline, 26' AGL/1528' MSL. Trees beginning 1091' from departure end of runway, 348' left of centerline, up to 92' AGL/1756' MSL. Trees beginning 2823' from departure end of runway, 321' right of centerline, up to 100' AGL/1799' MSL. Pole 4666' from departure end of runway, 12' left of centerline, 53' AGL/1735' MSL. Pole 2660' from departure end of runway, 728' left of centerline, 18' AGL/1638' MSL. Terrain 12' from departure end of runway, 381' right of centerline, 0' AGL/1552' MSL.

CAMDEN, TN

BENTON COUNTY (0M4)

AMDT 1 09239 (FAA)

DEPARTURE PROCEDURE: **Rwy 4**, climb heading 037° to 900 before turning left.

NOTE: **Rwy 4**, trees beginning 539' from DER, 25' right of centerline, up to 100' AGL/534' MSL. Trees beginning 1067' from DER, 57' left of centerline, up to 100' AGL/549' MSL. Utility poles beginning 951' from DER, 325' left of centerline, 40' AGL/501' MSL. **Rwy 22**, trees beginning 1158' from DER, 597' left of centerline, up to 100' AGL/619' MSL. Trees beginning 1753' from DER, 925' right of centerline, up to 100' AGL/549' MSL.

CAMPBELL AAF (KHOP),

FORT CAMPBELL, KY. 08129

Rwy 5, 18, 23, 36 standard.
TAKE-OFF OBSTACLES: **Rwy 18**, Touchdown reflector 85' from DER, 109' left of centerline, 4' AGL/564' MSL. Touchdown reflector 104' from DER, 109' right of centerline, 4' AGL/563' MSL. **Rwy 23**, Tree line 1029' from DER, 541' left of centerline, 60' AGL/590' MSL. **Rwy 36**, Tree line 1199' from DER, 591' left of centerline, 60' AGL/607' MSL.

CENTERVILLE, TN

CENTERVILLE MUNI

TAKE-OFF MINIMUMS: **Rwy 2**, 200-1.

CHATTANOOGA, TN

LOVELL FIELD

TAKE-OFF MINIMUMS: **Rwy 15**, 300-1½ or std. with a min. climb of 357' per NM to 1700. **Rwy 33**, 400-2½ or std. with a min. climb of 380' per NM to 1200.
DEPARTURE PROCEDURE: **Rwy 2**, climb via heading 019° to 2400 before turning. **Rwy 15**, climb via heading 147° to 1700 before turning. **Rwy 20**, climb via heading 199° to 2200 before turning. **Rwy 33**, climbing right turn to 2500' via heading 020° before proceeding on course.
NOTE: **Rwy 2**, railroad 890' from departure end of runway, 598' left of centerline, 35' AGL/695' MSL. Tree 943' from departure end of runway, 666' right of centerline, 50' AGL/716' MSL. Tree 1663' from departure end of runway, 745' right of centerline, 50' AGL/726' MSL. Tree 1730' from departure end of runway, 666' right of centerline, 100' AGL/722' MSL. **Rwy 15**, antenna 1.3NM from departure end of runway 430' left of centerline, 100' AGL/922' MSL. Tree 1.3NM from departure end of runway, 475' left of centerline, 85' AGL/925' MSL. Tree 1.2NM from departure end of runway, 623' left of centerline, 80' AGL/896' MSL. Pole 1.1NM from departure end of runway, 1008' left of centerline, 86' AGL/946' MSL. Pole 3584' from departure end of runway, 870' left of centerline, 130' AGL/809' MSL. Tree 2154' from departure end of runway, 242' left of centerline, 100' AGL/749' MSL. Tree 1792' from departure end of runway, 199' left of centerline, 57' AGL/741' MSL. Tree 1593' from departure end of runway, 462' left of centerline, 43' AGL/754' MSL. Tree 2027' from departure end of runway, 335' left of centerline, 55' AGL/745' MSL. Pole 1588' from departure end of runway, 90' AGL/723' MSL. Tree 1362' from departure end of runway, 458' left of centerline, 55' AGL/745' MSL. Tree 1783' from departure end of runway, 417' left of centerline, 55' AGL/740' MSL. Tree 1661' from departure end of runway, 363' left of centerline, 50' AGL/726' MSL. Tree 1070' from departure end of runway, 455' right of centerline, 60' AGL/752' MSL. Tree 1014' from departure end of runway, 332' right of centerline, 60' AGL/709' MSL. Tree 1114' from departure end of runway, 527' left of centerline, 50' AGL/716' MSL. Building 328' from departure end of runway, 354' left of centerline, 20' AGL/688' MSL. Hanger 313' from departure end of runway, 569' left of centerline, 25' AGL/691' MSL. **Rwy 20**, tree 2706' from departure end of runway, 965' left of centerline, 55' AGL/759' MSL.

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LOVELL FIELD (CON'T)

Rwy 33, tree 2379' from departure end of runway, 348' right of centerline, 100' AGL/770' MSL. Tree 470' from departure end of runway, 382' right of centerline, 100' AGL/721' MSL. Tower 3544' from departure end of runway, 408' right of centerline, 105' AGL/786' MSL. Tree 1845' from departure end of runway, 239' left of centerline, 55' AGL/741' MSL. Tree 4479' from departure end of runway, 262' right of centerline, 100' AGL/800' MSL. Tree 508' from departure end of runway, 302' right of centerline, 1000' AGL/697' MSL. Tree 1208' from departure end of runway, 89' right of centerline, 100' AGL/711' MSL. Tree 1320' from departure end of runway, 74' left of centerline, 100' AGL/711' MSL. Tree 513' from departure end of runway, 11' left of centerline, 100' AGL/687' MSL. Poles 1.3 NM from departure end of runway, 10'10' right of centerline, 90' AGL/990' MSL. Tree 1.2 NM from departure end of runway, 46' right of centerline, 100' AGL/913' MSL. Pole 1.3 NM from departure end of runway, 576' left of centerline, 95' AGL/899' MSL. Tree 1.5 NM from departure end of runway, 2883' right of centerline, 100' AGL/935' MSL.

CLARKSVILLE, TN

OUTLAW FIELD

TAKE-OFF MINIMUMS: **Rwy 35**, 300-1 or std. w/ min. climb of 240' per NM to 800. Alternatively, with standard takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 1900' prior to departure end of runway.

NOTE: **Rwy 5**, multiple trees beginning 29' from departure end of runway, 135' right of centerline, up to 100' AGL/650' MSL. Multiple trees beginning 787' from departure end of runway, 225' left of centerline, up to 100' AGL/626' MSL. Road 41' from departure end of runway, 122' right of centerline, up to 15' AGL/541' MSL. Terrain 32' from departure end of runway, 414' right of centerline, 0' AGL/535' MSL. **Rwy 17**, multiple trees and poles beginning 14' from departure end of runway, 251' right of centerline, up to 100' AGL/621' MSL. Multiple trees beginning 174' from departure end of runway, 212' left of centerline, up to 59' AGL/608' MSL. **Rwy 23**, multiple trees beginning 184' from departure end of runway, 61' right of centerline, up to 100' AGL/593' MSL. Multiple trees beginning 912' from departure end of runway, 106' left of centerline, up to 100' AGL/590' MSL. Road 162' from departure end of runway, 7' right of centerline, up to 15' AGL/551' MSL. Cross on church 752' from departure end of runway, 237' left of centerline, 52' AGL/587' MSL. **Rwy 35**, multiple trees, poles, and buildings beginning 929' from departure end of runway, 249' left of centerline, up to 75' AGL/645' MSL. Multiple trees, poles and transmission towers beginning 959' from departure end of runway, 147' right of centerline, up to 100' AGL/695' MSL.

CLEVELAND, TN

HARDWICK FIELD

TAKE-OFF MINIMUMS: **Rwy 3**, 300-1 or std. with a min. climb of 380' per NM to 1800. **Rwy 21**, 400-2½ or std. with a min. climb of 230' per NM to 1900.

DEPARTURE PROCEDURE: **Rwy 3**, climb via heading 030° to 1800 before proceeding on course. **Rwy 21**, climbing right turn to 1900 direct GQO VORTAC before proceeding on course.

NOTE: **Rwy 3**, tree 845' from departure end of runway, 211' left of centerline, 89' AGL/963' MSL. Tree 4462' from departure end of runway, 1617' left of centerline, 100' AGL/1119' MSL. **Rwy 21**, tree 479' from departure end of runway, 222' right of centerline, 38' AGL/866' MSL. Tower 2.1 NM from departure end of runway, 1809' left of centerline, 305' AGL/1225' MSL.

COLUMBIA-MT. PLEASANT, TN

MAURY COUNTY

TAKE-OFF MINIMUMS: **Rwys 6, 24**, 400-1.

DEPARTURE PROCEDURE: **Rwy 24**, climb runway heading to 1800 before turning right.

COVINGTON, KY

CINCINNATI/NORTHERN KENTUCKY INTL

NOTE: **Rwy 9**, tree 3385' from departure end of runway, 1117' right of centerline, 68' AGL/988' MSL. Trees beginning 4562' from departure end of runway, 900' left of centerline, up to 98' AGL/1003' MSL. **Rwy 18C**, multiple trees beginning 1882' from departure end of runway, 834' left of centerline, up to 80' AGL/974' MSL. Tree 3473' from departure end of runway, 904' right of centerline, 79' AGL/929' MSL. **Rwy 18R**, trees beginning 3221' from departure end of runway, 895' left of centerline, up to 84' AGL/962' MSL. **Rwy 27**, multiple trees beginning 1084' from departure end of runway, 25' left of centerline, up to 95' AGL/955' MSL. Trees beginning 1951' from departure end of runway, 482' right of centerline, from 95' AGL/965' MSL. **Rwy 36L**, trees beginning 1033' from departure end of runway, 300' left of centerline, up to 98' AGL/922' MSL. Multiple trees beginning 1274' from departure end of runway, 84' right of centerline, up to 92' AGL/932' MSL. **Rwy 36C**, trees beginning 956' from departure end of runway, 613' right of centerline, up to 103' AGL/963' MSL. **Rwy 36R**, tree 1602' from departure end of runway, 754' right of centerline, 58' AGL/938' MSL. Light pole 1476' from departure end of runway, 813' left of centerline, 46' AGL/926' MSL.

COVINGTON, TN

COVINGTON MUNI

NOTE: **Rwy 1**, vehicle on road 513' from departure end of runway, 13' right of centerline, up to 15' AGL/294' MSL. **Rwy 19**, trees beginning 4626' from departure end of runway, 814' left of centerline, up to 100' AGL/399' MSL.

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CROSSVILLE, TN

CROSSVILLE MEMORIAL-WHITSON FIELD

NOTE: **Rwy 8**, trees 31' from departure end of runway, 499' left of centerline, 60' AGL/1905' MSL. Trees 572' from departure end of runway, 499' left of centerline, 75' AGL/1889' MSL. Trees 8' from departure end of runway, 438' right of centerline, 30' AGL/1873' MSL. Bush 76' from departure end of runway, 213' right of centerline, 8' AGL/1872' MSL. **Rwy 26**, tree 43' from departure end of runway, 468' left of centerline, 26' AGL/1910' MSL. Numerous trees 94 to 576' from departure end of runway, 355 to 583' right of centerline, 40 to 70' AGL/1901 to 1927' MSL. Pole 141' from departure end of runway, 474' right of centerline, 50' AGL/1914' MSL. Tree 1083' from departure end of runway, 363' right of centerline, 74' AGL/1922' MSL. Tree 343' from departure end of runway, 538' left of centerline, 68' AGL/1939' MSL.

DANVILLE, KY

STUART POWELL FIELD (DVK)

ORIG 08045 (FAA)

TAKE-OFF MINIMUMS: **Rwys 1, 19**, N/A - Obstacles. **Rwy 30**, 400 2½ or std. w/ min. climb of 284' per NM to 1600.

NOTES: **Rwy 12**, Trees beginning 1938' from departure end of runway, 604' left of centerline, up to 100' AGL/1100' MSL. Trees beginning 1536' from departure end of runway, 711' right of centerline, up to 100' AGL/1119' MSL. **Rwy 30**, Trees beginning 8' from departure end of runway, 21' left of centerline up to 100' AGL/1075' MSL. Building 247' from departure end of runway, 280' left of centerline, 12' AGL/1025' MSL. Trees beginning 1.4NM from departure end of runway, 2725' left of centerline, up to 100' AGL/1399' MSL. Obstruction light DME and trees beginning 460' from departure end of runway, 114' right of centerline, up to 100' AGL/1105' MSL.

DAYTON, TN

MARK ANTON

DEPARTURE PROCEDURE: **Rwys 3, 21**, climb runway heading to 2500 before turning west.

DICKSON, TN

DICKSON MUNI

TAKE-OFF MINIMUMS: **Rwy 17**, 400-2 or std. with a min. climb of 340' per NM to 1400.

DEPARTURE PROCEDURE: **Rwy 17**, climb runway heading to 1400 before turning.

NOTE: **Rwy 17**, tower 9464' from departure end of runway, 2386' right of centerline, 306' AGL/1246' MSL. **Rwy 35**, trees 4589' from departure end of runway, 1555' left of centerline, 100' AGL/1039' MSL.

DYERSBURG, TN

DYERSBURG RGNL

NOTE: **Rwy 4**, trees 445' from departure end of runway, 400' left of centerline, 90' AGL/395' MSL.

Rwy 22, trees 1320' from departure end of runway, 490' right of centerline, 103' AGL/378' MSL.

ELIZABETHTON, TN

ELIZABETHTON MUNI

TAKE-OFF MINIMUMS: **Rwy 6**, NA-obstacles. **Rwy 24**, 600-2 w/ min. climb of 380' per NM to 7000 or 3500-3 for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 24**, climb heading 244° to 3300 before proceeding on course. For climb in visual conditions cross Elizabethton Muni Airport at or above 4900 before proceeding on course.

NOTE: **Rwy 24**, numerous trees beginning 1655' from departure end of runway, 931' right of centerline, up to 100' AGL/2099' MSL. Numerous trees 1.36 NM from departure end of runway, 2353' left of centerline, up to 100' AGL/2179' MSL. Power line 5898' from departure end of runway, 973' left of centerline, up to 200' AGL/1759' MSL. Power line 1.13 NM from departure end of runway, 584' right of centerline, up to 200' AGL/1849' MSL.

ELIZABETHTOWN, KY

ADDINGTON FIELD

DEPARTURE PROCEDURE: **Rwy 5**, climb via heading 050° to 1800 before proceeding on course.

NOTE: **Rwy 5**, multiple trees beginning 1404' from departure end of runway, 466' left of centerline, up to 96' AGL/835' MSL. **Rwy 23**, multiple trees and powerlines beginning 7' from departure end of runway, 372' left of centerline, up to 100' AGL/899' MSL. Multiple trees and powerlines beginning 2416' from departure end of runway, 25' right of centerline, up to 100' AGL/869' MSL.

FALMOUTH, KY

GENE SNYDER

TAKE-OFF MINIMUMS: **Rwy 3**, 300-1¼ or std. w/ a min. climb of 417' per NM to 1300.

NOTE: **Rwy 3**, tower 5831' from departure end of runway, 340' left of centerline, 106' AGL/1037' MSL. **Rwy 21**, trees beginning 300' from departure end of runway, left and right of centerline, up to 100' AGL/979' MSL.

FAYETTEVILLE, TN

FAYETTEVILLE MUNI

NOTE: **Rwy 2**, trees 820' from departure end of runway, 520' left of centerline, 70' AGL/1052' MSL. Trees 2430' from departure end of runway, 25' right of centerline, 78' AGL/1050' MSL. **Rwy 20**, trees 875' from departure end of runway, 420' left of centerline, 65' AGL/996' MSL. Trees 1370' from departure end of runway, 60' right of centerline, 65' AGL/1014' MSL. Trees 1720' from departure end of runway, 300' left of centerline, 60' AGL/1008' MSL. Trees 2070' from departure end of runway, 200' left of centerline, 70' AGL/1029' MSL.

FLEMINGSBURG, KY

FLEMING-MASON (FGX)

ORIG 09127 (FAA)

NOTE: **Rwy 7**, tree 53' from DER, 498' right of centerline, 50' AGL/929' MSL. **Rwy 25**, tree 126' from DER, 158' right of centerline, 34' AGL/914' MSL. Tree 525' from DER, 152' right of centerline, 41' AGL/921' MSL. Tree 505' from DER, 127' right of centerline, 38' AGL/918' MSL. Tree 587' from DER, 201' right of centerline, 40' AGL/920' MSL.

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FRANKFORT, KY

CAPITAL CITY

NOTE: **Rwy 6**, tree 1238' from departure end of runway, 828' left of centerline, 60' AGL/879' MSL. Tree 1933' from departure end of runway, 937' left of centerline, 37' AGL/896' MSL. Tree 1986' from departure end of runway, 767' left of centerline, 55' AGL/894' MSL. Tree 1631' from departure end of runway, 675' left of centerline, 63' AGL/872' MSL. Tree 2151' from departure end of runway, 142' left of centerline, 59' AGL/878' MSL. Tree 2133' from departure end of runway, 489' right of centerline, 49' AGL/876' MSL. **Rwy 24**, tree 1745' from departure end of runway, 908' right of centerline, 80' AGL/909' MSL. Tree 1967' from departure end of runway, 847' right of centerline, 81' AGL/900' MSL. Tree 887' from departure end of runway, 736' from centerline, 70' AGL/869' MSL.

GALLATIN, TN

SUMNER COUNTY RGNL

TAKE-OFF MINIMUMS: **Rwy 35**, 300-1 or std. with a min. climb of 320' per NM to 1000.
 NOTE: **Rwy 35**, trees 913' from departure end of runway, 278' left of centerline, 71' AGL/655' MSL. Trees 5701' from departure end of runway, 175' right of centerline, 100' AGL/839' MSL.

GEORGETOWN, KY

GEORGETOWN SCOTT COUNTY - MARSHALL FLD (27K)

ORIG 08045 (FAA)

NOTE: **Rwy 3**, Trees 3572' from departure end of runway, 162' left of centerline, 95' AGL/1042' MSL. **Rwy 21**, Vehicle on road 270' from departure end of runway, 51' left of centerline, 15' AGL/944' MSL.

GLASGOW, KY

GLASGOW MUNI (GLW)

ORIG 07354 (FAA)

TAKE-OFF MINIMUMS: **Rwy 7**, 300-1 or std. w/ min. climb of 656' per NM to 1000. **Rwy 25**, 300-1 or std. w/ min. climb of 281' per NM to 1000.

DEPARTURE PROCEDURE: **Rwy 7**, climb heading 073° to 1200 before proceeding southbound.

NOTE: **Rwy 7**, tree 2116' from departure end of runway, 1048' left of centerline, 100' AGL/889' MSL. Tree 2335' from departure end of runway, 910' left of centerline, 100' AGL/869' MSL. Terrain beginning 48' from departure end of runway, 9' left of centerline, up to 0' AGL/785' MSL. Terrain beginning 182' from departure end of runway, 68' right of centerline, up to 0' AGL/729' MSL. Tree 2047' from departure end of runway, 1039' left of centerline, up to 100' AGL/889' MSL. **Rwy 25**, multiple trees beginning 4669' from departure end of runway, 782' left and right of centerline, 100' AGL/869' MSL.

GODMAN AAF (KFTK)

FORT KNOX, KY

..... Rwy 15, 300-1
 Rwy 15, 18, 33, 36, climb runway heading to 1200 before turning.

GREENEVILLE, TN

GREENEVILLE-GREENE COUNTY MUNI

TAKE-OFF MINIMUMS: **Rwys 5, 23**, 400-1.
 DEPARTURE PROCEDURE: **Rwys 5, 23**, climb runway heading to 3300 before turning southeast.

GREENVILLE, KY

MUHLENBURG COUNTY

TAKE-OFF MINIMUMS: **Rwys 5, 23**, 300-1.

HARTFORD, KY

OHIO COUNTY (7K4)

ORIG 07354 (FAA)

TAKE-OFF MINIMUMS: **Rwy 3**, 500-3 or std. w/ min. climb of 255' per NM to 1200.
 NOTE: **Rwy 3**, trees 460' from departure end of runway, 232' left of centerline, 47' AGL/582' MSL. Terrain beginning 23' from departure end of runway, 197' right of centerline, up to 579' MSL. Tower 2.5 NM from departure end of runway, 3516' right of centerline, 290' AGL/950' MSL. **Rwy 21**, trees 295' from departure end of runway, 26' left of centerline, 18' AGL/548' MSL.

HAZARD, KY

WENDELL H. FORD

TAKE-OFF MINIMUMS: **Rwys 6, 14**, 400-1.
Rwys 24, 32, 300-1.

DEPARTURE PROCEDURE: **Rwy 24**, climb runway heading to 2000 before turning on course.

HENDERSON, KY

HENDERSON CITY-COUNTY

DEPARTURE PROCEDURE: **Rwy 9**, climb to 800 on runway heading before turning north.

HOPKINSVILLE, KY

HOPKINSVILLE-CHRISTIAN COUNTY (HVC)

AMDT 1 08353 (FAA)

TAKE-OFF MINIMUMS: **Rwy 8**, 300-1 or std. w/ min. climb of 275' per NM to 800. **Rwy 26**, 300-1½ or std. w/ min. climb of 260' per NM to 1100.

DEPARTURE PROCEDURE: **Rwy 8**, climb heading 080° to 800 before proceeding on course. **Rwy 26**, climb heading 258° to 1100 before turning north.

NOTE: **Rwy 8**, trees beginning 2876' from departure end of runway, 97' right of centerline, up to 100' AGL/669' MSL. Powerlines 3454' from departure end of runway, 852' left of centerline, 79' AGL/658' MSL. Trees beginning 3463' from departure end of runway, 1049' left of centerline, up to 100' AGL/739' MSL. **Rwy 26**, trees beginning 61' from departure end of runway, 2' left of centerline, up to 100' AGL/639' MSL. Trees beginning 758' from departure end of runway, 353' right of centerline, up to 100' AGL/629' MSL. Tower 2260' from departure end of runway, 582' left of centerline, 130' AGL/670' MSL. Elevator, 1.4 miles from departure end of runway, 1278' right of centerline, 201' AGL/780' MSL.

HUMBOLDT, TN

HUMBOLDT MUNI

TAKE-OFF MINIMUMS: **Rwy 4**, 300-1. **Rwy 22**, 200-1.

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HUNTINGDON, TN

CARROLL COUNTY

DEPARTURE PROCEDURE: **Rwy 1**, climb runway heading to 1100 before turning west.

JACKSBORO, TN

CAMPBELL COUNTY

TAKE-OFF MINIMUMS: **Rwy 5**, std. w/ min. climb of 477' per NM to 3400, or 200-1 w/ min. climb of 308' per NM to 3400, or 1600-2½ for climb in visual conditions. **Rwy 23**, NA-obstacles.

DEPARTURE PROCEDURE: **Rwy 5**, climb heading 049° to 3400 before proceeding on course or for climb in visual conditions: cross Campbell County Airport at or above 2600 then proceed on VXV R-336 to 3600 before proceeding on course. Do not exceed 210 KIAS until established on VXV R-336 southeast bound.

NOTE: **Rwy 5**, multiple trees beginning 369' from departure end of runway, 579' right of centerline, up to 100' AGL/1279' MSL. Multiple trees beginning 2672' from departure end of runway, 140' left of centerline, up to 100' AGL/1339' MSL.

JACKSON, KY

JULIAN CARROLL

TAKE-OFF MINIMUMS: **Rwy 1**, 400-1 or std. with a min. climb of 250' per NM to 1900.

NOTE: **Rwy 1**, tree 2 miles north of departure end of runway, on centerline, 100' AGL/1700' MSL.

JACKSON, TN

MCKELLAR / SIPES RGNL (MKL)

AMDT 1 09127 (FAA)

DEPARTURE PROCEDURE: **Rwy 2**, climb heading 023° to 1100 before turning right.

NOTE: **Rwy 2**, vehicles on roadway beginning 489' from DER, 594' left of centerline, up to 15' AGL/439' MSL. Trees beginning 782' from DER, 97' left of centerline, up to 100' AGL/491' MSL. Poles and trees beginning 880' from DER, 599' of centerline, up to 100' AGL/456' MSL. Antenna 2043' from DER, 947' left of centerline, 61' AGL/470' MSL. **Rwy 11**, trees beginning 787' from DER, 71' left of centerline, up to 77' AGL/476' MSL. Trees beginning 1080' from DER, 215' right of centerline, up to 100' AGL/509' MSL. **Rwy 20**, vehicles on roadway beginning 41' from DER, 221' right of centerline, up to 15' AGL/444' MSL. Trees beginning 2970' from DER, 877' left of centerline, up to 100' AGL/528' MSL. Trees beginning 2416' from DER, 1040' right of centerline, up to 100' AGL/532' MSL. Powerlines beginning 1893' from DER, 972' right of centerline, 40' AGL/499' MSL. **Rwy 29**, light pole 40' from DER, 402' left of centerline, 70' AGL/449' MSL. Vehicles on roadway beginning 165' from DER, left and right of centerline, up to 17' AGL/434' MSL. Trees beginning 1362' from DER, 360' right of centerline, up to 100' AGL/486' MSL. Trees beginning 1738' from DER, 55' left of centerline, up to 100' AGL/499' MSL.

JAMESTOWN, KY

RUSSELL COUNTY (K24)

ORIG 08017 (FAA)

NOTE: **Rwy 17**, trees 2071' from departure end of runway, 234' right of centerline, 54' AGL/1012' MSL. **Rwy 35**, trees 2500' from departure end of runway, 99' left of centerline, 65' AGL/1076' MSL.

JAMESTOWN, TN

JAMESTOWN MUNI (2A1)

ORIG 09267 (FAA)

NOTE: **Rwy 18**, trees beginning 1013' from DER, left and right of centerline, up to 100' AGL/1819' MSL. **Rwy 36**, trees beginning 1392' from DER, left and right of centerline, up to 100' AGL/1819' MSL.

JASPER, TN

MARION COUNTY-BROWN FIELD

TAKE-OFF MINIMUMS: **Rwy 4**, 1600-2 or std. with a min. climb of 410' per NM to 2400. **Rwy 22**, 1300-2 or std. with a min. climb of 260' per NM to 2200.

DEPARTURE PROCEDURE: **Rwy 4**, climb heading 025° to 4000 before proceeding on course. **Rwy 22**, climb runway heading to 4000 before proceeding on course.

KNOXVILLE, TN

KNOXVILLE DOWNTOWN ISLAND

TAKE-OFF MINIMUMS: **Rwy 26**, 600-2.

DEPARTURE PROCEDURE: Comply with RADAR vectors or; **Rwy 26**, climb on heading 230° to 3000 before proceeding on course. **Rwy 8**, climb runway heading to 3000 before turning.

MCGHEE-TYSON

DEPARTURE PROCEDURE: Comply with SID or RADAR vectors, or; climb runway heading to 4000 before turning on course.

LAFAYETTE, TN

LAFAYETTE MUNI (3M7)

ORIG 09099 (FAA)

NOTE: **Rwy 1**, road + vehicle 666' from DER, on centerline, 17' AGL/976' MSL. Tree 1120' from DER, 356' left of centerline, 51' AGL/992' MSL. **Rwy 19**, tree 2490' from DER, 509' right of centerline, 90' AGL/1039' MSL. Tree 2643' from DER, 359' right of centerline, 85' AGL/1060' MSL. Tree 2767' from DER, 406' right of centerline, 91' AGL/1078' MSL. Tree 3387' from DER, 220' right of centerline, 93' AGL/1092' MSL.

LAWRENCEBURG, TN

LAWRENCEBURG-LAWRENCE COUNTY (2M2)

ORIG 09099 (FAA)

NOTE: **Rwy 17**, trees 10' from DER, 466' right of centerline, 100' AGL/1019' MSL. Vehicle on road 200' from DER, 526' left of centerline, 15' AGL/944' MSL. **Rwy 35**, trees 300' left of centerline, 100' AGL/1029' MSL. Trees, powerlines and vehicle on road 1395' from DER, on centerline, up to 100' AGL/1059' MSL.

LEBANON, TN

LEBANON MUNI

TAKE-OFF MINIMUMS: **Rwy 19**, 600-1 or std. with a min. climb of 350' per NM to 1200.

LEWISBURG, TN

ELLINGTON

TAKE-OFF MINIMUMS: **Rwy 20**, 500-1.

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LEXINGTON, KY

BLUE GRASS

NOTE: **Rwy 4**, light 710' from departure end of runway, 657' right of centerline, 35' AGL/995' MSL. Multiple trees beginning 898' from departure end of runway, 501' right of centerline, up to 70' AGL/1041' MSL. Multiple trees beginning 1921' from departure end of runway, 603' left of centerline, up to 70' AGL/1042' MSL. **Rwy 8**, antenna on bunker 143' from departure end of runway, 170' right of centerline, 15' AGL/984' MSL. Road 207' from departure end of runway, 228' right of centerline, 15' AGL/989' MSL. Light 555' from departure end of runway, 5' right of centerline, 25' AGL/995' MSL. Light 662' from departure end of runway, 546' left of centerline, 25' AGL/995' MSL. Tree 836' from departure end of runway, 631' left of centerline, 50' AGL/1009' MSL. **Rwy 22**, tree 1034' from departure end of runway, 499' left of centerline, 50' AGL/971' MSL. Tree 2830' from departure end of runway, 209' left of centerline, 70' AGL/1019' MSL. Multiple poles beginning 4383' from departure end of runway, 1384' left of centerline, up to 110' AGL/1080' MSL. **Rwy 26**, tree 72' from departure end of runway, 257' right of centerline, 70' AGL/1025' MSL. Multiple trees beginning 235' from departure end of runway, 176' left of centerline, up to 70' AGL/1014' MSL. Multiple trees beginning 1013' from departure end of runway, 2' right of centerline, up to 70' AGL/1037' MSL. Obstruction light on silo 1161' from departure end of runway, 206' right of centerline, 60' AGL/1029' MSL.

LEXINGTON-PARSONS, TN

BEECH RIVER RGNL

NOTE: **Rwy 1**, trees beginning 269' from departure end of runway, 179' right of centerline, up to 100' AGL/619' MSL. Trees beginning 258' from departure end of runway, 224' left of centerline, up to 100' AGL/599' MSL. **Rwy 19**, trees beginning 157' from departure end of runway, 259' right of centerline, up to 100' AGL/579' MSL. Trees beginning 227' from departure end of runway, 299' left of centerline, up to 100' AGL/549' MSL.

LIVINGSTON, TN

LIVINGSTON MUNI (8A3)

AMDT 2 09295 (FAA)

DEPARTURE PROCEDURE: **Rwy 21**, climb heading 215° to 1900 before proceeding on course.

NOTE: **Rwy 3**, trees beginning from 173' from DER, 133' left of centerline, up to 100' AGL/1499' MSL. Trees beginning from 282' from DER, 180' right of centerline, up to 100' AGL/1439' MSL. **Rwy 21**, trees beginning from 60' from DER, 186' right of centerline, up to 100' AGL/1459' MSL.

LONDON, KY

LONDON-CORBIN AIRPORT-MAGEE FIELD

TAKE-OFF MINIMUMS: **Rwy 6**, 500-2 or std. with a min. climb of 449' per NM to 1900.

NOTE: **Rwy 6**, tower 1.58 NM from departure end of runway, 1369' left of centerline, 192' AGL/1659' MSL. **Rwy 24**, tree 1400' from departure end of runway, 150' left of centerline, 42' AGL/1253' MSL, tree 3387' from departure end of runway, 822' right of centerline, 100' AGL/1349' MSL.

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TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES



TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

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LOUISVILLE, KY (CON'T)

LOUISVILLE INTL-STANDIFORD FIELD

TAKE-OFF MINIMUMS: **Rwy 17L**, std. w/ a min. climb of 234' per NM to 1300. **Rwy 17R**, std. w/ a min. climb of 249' per NM to 1300. **Rwy 35L**, 300-2 or std. w/ a min climb of 222' per NM to 900, or alternatively, with standard takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 1900' prior to departure end of runway.

NOTE: **Rwy 11**, tree 1561' from departure end of runway, 855' left of centerline, 76' AGL/556' MSL. Tree 1466' from departure end of runway, 848' right of centerline, 72' AGL/552' MSL. Sign 928' from departure end of runway, 705' left of centerline, 25' AGL/505' MSL. **Rwy 17L**, light tower 622' from departure end of runway, 643' right of centerline, 25' AGL/496' MSL. Obstruction light on DME 498' from departure end of runway, 299' right of centerline, 14' AGL/485' MSL. Multiple trees and lighted towers beginning 328' from departure end of runway, 302' left of centerline, up to 89' AGL/560' MSL. Sign 723' from departure end of runway, 637' left of centerline, 26' AGL/502' MSL. **Rwy 17R**, vent on building, 1409' from departure end of runway, 807' left of centerline, 41' AGL/502' MSL. Pole 2241' from departure end of runway, 1013' left of centerline, 64' AGL/525' MSL. Pole 1609' from departure end of runway, 680' left of centerline, 42' AGL/503' MSL. **Rwy 29**, tree 1033' from departure end of runway, 73' right of centerline, 44' AGL/521' MSL. Obstruction light on glideslope 474' from departure end of runway, 399' right of centerline, 49' AGL/526' MSL. Tree 1257' from departure end of runway, 809' left of centerline, 73' AGL/550' MSL. Stack 1213' from departure end of runway, 329' left of centerline, 41' AGL/518' MSL. Multiple lighted towers beginning 873' from departure end of runway, 224' left of centerline, up to 83' AGL/560' MSL. **Rwy 35L**, multiple trees and lighted towers beginning 258' from departure end of runway, 115' left of centerline, up to 267' AGL/757' MSL. Multiple trees and lighted towers beginning 270' from departure end of runway, 231' right of centerline, up to 70' AGL/560' MSL. **Rwy 35R**, multiple trees and lighted towers beginning 542' from departure end of runway, 303' right of centerline, up to 79' AGL/580' MSL.

MADISONVILLE, KY

MADISONVILLE MUNI (2I0)

ORIG 08045 (FAA)

NOTE: **Rwy 5**, Vehicle on road 163' from departure end of runway, 525' right of centerline, 15' AGL/434' MSL. Vehicle on road 466' from departure end of runway, 597' left of centerline, 15' AGL/454' MSL. **Rwy 23**, Vehicle on road 563' from departure end of runway, 608' right of centerline, 15' AGL/464' MSL. Pole 910' from departure end of runway, 590' left of centerline, 98' AGL/537' MSL.

MADISONVILLE, TN

MONROE COUNTY

DEPARTURE PROCEDURE: **Rwy 5**, climb via runway heading and VXV VORTAC R-231 northeastbound to 3100' before turning. **Rwy 23**, climb via runway heading and VXV VORTAC R-231 southwestbound to 2700' before turning.

NOTE: **Rwy 5**, building 2340' from departure end of runway, 263' left of centerline, 88' AGL/1089' MSL.

Rwy 23, trees 1188' from departure end of runway, 211' left of centerline, 74' AGL/1105' MSL.

MAYFIELD, KY

MAYFIELD GRAVES COUNTY

TAKE-OFF MINIMUMS: **Rwys 18, 36**, 300-1.

MC MINNVILLE, TN

WARREN COUNTY MEMORIAL

TAKE-OFF MINIMUMS: **Rwy 23**, 300-1 or std. with a min. climb of 400' per NM climb to 2200.

MEMPHIS, TN

GENERAL DEWITT SPAIN

TAKE-OFF MINIMUMS: **Rwy 17**, std. with min. climb of 240' per NM to 1100, or 1200-2 ½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 17**, for climb in visual conditions, cross General Dewitt Spain Airport or above 1100 before proceeding on course. **Rwy 35**, climb via heading 347° to 1000 before proceeding on course.

MEMPHIS INTL (MEM)

ADMT 2 08101 (FAA)

TAKE-OFF MINIMUMS: **Rwy 27**, 300-1 ¼ or std. w/ min. climb of 224' per NM to 500, or alternatively, with standard takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 1600' prior to departure end of runway.

NOTE: **Rwy 9**, light pole and multiple trees beginning 1498' from departure end of runway, 800' left of centerline, up to 81' AGL/390' MSL. **Rwy 18L**, multiple trees beginning 1262' from departure end of runway, 601' left of centerline, up to 90' AGL/419' MSL. Multiple trees beginning 2692' from departure end of runway, 224' right of centerline, up to 84' AGL/413' MSL. **Rwy 18C**, tree 2788' from departure end of runway, 288' left of centerline, 94' AGL/413' MSL. Multiple trees beginning 1693' from departure end of runway, 507' right of centerline, up to 96' AGL/435' MSL. **Rwy 18R**, pole, VORTAC, and multiple trees beginning 2570' from departure end of runway, 1011' left of centerline, up to 93' AGL/452' MSL. Multiple trees beginning 1519' from departure end of runway, 790' right of centerline, up to 71' AGL/420' MSL. **Rwy 27**, tree 4145' from departure end of runway, 1328' left of centerline, 112' AGL/361' MSL. Antenna 5413' from departure end of runway, 1499' left of centerline, 158' AGL/407' MSL. Tree 785' from departure end of runway, 682' right of centerline, 75' AGL/324' MSL. **Rwy 36C**, light pole 1949' from departure end of runway, 928' right of centerline, 67' AGL/336' MSL.

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MIDDLESBORO, KY

MIDDLESBORO-BELL COUNTY

TAKE-OFF MINIMUMS: **Rwy 10**, std. w/ min. climb of 736' per NM to 3500, or 2500-3 for climb in visual conditions. **Rwy 28**, NA-obstacles.

DEPARTURE PROCEDURE: **Rwy 10**, climb via heading 103° to 3500 before proceeding on course. For climb in visual conditions: cross Middlesboro-Bell County Airport at or above 3500 before proceeding on course.

NOTE: **Rwy 10**, road and vehicle 264' from departure end of runway, on centerline, 17' AGL/1166' MSL. Trees 52' from departure end of runway, 223' right of centerline, 100' AGL/1249' MSL. Trees 617' from departure end of runway, 100' AGL/1249' MSL. Tower 5066' from departure end of runway, 1033' left of centerline, 198' AGL/1335' MSL. Trees 1 NM from departure end of runway, 1354' right of centerline, 100' AGL/1379' MSL. Trees 1.67 NM from departure end of runway, 1900' left of centerline, 100' AGL/1599' MSL. Numerous trees beginning 2 NM from departure end of runway, 3200' left and right of centerline, upsloping on Cumberland Mountain, up to 100' AGL/2499' MSL. 200' AAO 3.15 NM from departure end of runway, 1191' left of centerline, 200' AGL/2899' MSL.

MILLINGTON, TN

CHARLES W. BAKER

DEPARTURE PROCEDURE: **Rwys 18**, climb runway heading to 1500 before turning left.

MONTICELLO, KY

WAYNE COUNTY

TAKE-OFF MINIMUMS: **Rwy 21**, 300-1 or std. with a min. climb of 250' per NM to 1800.

DEPARTURE PROCEDURE: **Rwys 3, 21**, climb runway heading to 1800 before proceeding on course.

MOREHEAD, KY

MOREHEAD - ROWAN COUNTY CLYDE A. THOMAS RGNL (M97)

ORIG 08325 (FAA)

NOTE: **Rwy 2**, trees 777' from departure end of runway, 494' left of centerline up to 77' AGL/1096' MSL. **Rwy 20**, trees 1595' from departure end of runway, 716' left of centerline up to 71' AGL/1090' MSL. Vehicle on road 10' from departure end of runway, 435' left of centerline up to 17' AGL/1029' MSL. Trees 432' from departure end of runway, 534' right of centerline up to 75' AGL/1054' MSL.

MORRISTOWN, TN

MOORE-MURRELL

TAKE-OFF MINIMUMS: **Rwy 5**, std., cross departure end of runway at or above 35' AGL/1310' MSL. DEPARTURE PROCEDURE: **Rwy 5**, climbing right turn via heading 065° to 2800 before proceeding on course.

Rwy 23, climb via heading 233° and VVX VORTAC R-060 inbound to 4000 before turning south.

NOTE: **Rwy 5**, building 1900' from departure end of runway, 437' left of centerline, 73' AGL/1348' MSL. Trees 14,570' from departure end of runway, 3880' left of centerline, 100' AGL/1739' MSL. Trees 16,259' from departure end of runway, 2703' left of centerline, 100' AGL/1719' MSL. Trees 16,927' from departure end of runway, 3861' left of centerline, 100' AGL/1859' MSL. **Rwy 23**, pole 1450' from departure end of runway, 450' right of centerline, 54' AGL/1367' MSL.

MOUNT STERLING, KY

MOUNT STERLING-MONTGOMERY COUNTY

TAKE-OFF MINIMUMS: **Rwy 3**, 500-3 or std. with a min. climb of 210' per NM to 1600.

NOTE: **Rwy 3**, tower 2.57 miles northeast of approach end of runway 21,416' AGL/1426' MSL.

MOUNTAIN CITY, TN

JOHNSON COUNTY (6A4)

ORIG 09211 (FAA)

TAKE-OFF MINIMUMS: **Rwy 6**, 3400-3 for climb in visual conditions. **Rwy 24**, 1100-3 with min. climb of 510' per NM to 5700, or 3400-3 for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 6**, for climb in visual conditions (NA at night): cross Johnson County Airport at or above 5500 MSL before proceeding on course.

Rwy 24, for climb in visual conditions (NA at night): cross Johnson County airport at or above 5500 MSL before proceeding on course.

MURFREESBORO, TN

MURFREESBORO MUNI

TAKE-OFF MINIMUMS: **Rwy 18**, 400-1.

MURRAY, KY

KYLE-OAKLEY FIELD

TAKE-OFF MINIMUMS: **Rwy 5**, 300-1.

NASHVILLE, TN

JOHN C. TUNE

DEPARTURE PROCEDURE: **Rwy 2**, climb runway heading to 3000 before turning right. **Rwy 20**, climb runway heading to 3000 before turning.

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NASHVILLE, TN (CON'T)

NASHVILLE INTL (BNA)

AMDT 7 08269 (FAA)

TAKE-OFF MINIMUMS: **Rwy 31**, std. w/min. climb of 240' per NM to 2600.

DEPARTURE PROCEDURE: **Rwy 20L**, climb heading 200° to 1400 before turning right. **Rwys 20C, 20R** climb heading 200° to 1800 before turning right. **Rwy 31**, climb heading 315° to 2600 before proceeding on course.

NOTE: **Rwy 2L**, trees beginning 203' from departure end of runway, 489' right of centerline, up to 60' AGL/576' MSL. **Rwy 2R**, trees beginning 237' from departure end of runway, 534' right of centerline, up to 60' AGL/569' MSL. **Rwy 13**, blast fence obstruction light 335' from departure end of runway, 64' left of centerline, 6' AGL/595' MSL. Trees beginning 2852' from departure end of runway, 28' right of centerline, up to 60' AGL/685' MSL. Pole 3761' from departure end of runway, 726' right of centerline, 60' AGL/689' MSL. **Rwy 20L**, trees beginning 211' from departure end of runway, 520' right of centerline, up to 60' AGL/669' MSL. Trees beginning 223' from departure end of runway, 510' left of centerline, up to 100' AGL/669' MSL. **Rwy 20C**, trees beginning 1480' from departure end of runway, 744' right of centerline, up to 60' AGL/649' MSL. Trees beginning 1549' from departure end of runway, 882' left of centerline, up to 60' AGL/609' MSL. **Rwy 20R**, flagpole 1298' from departure end of runway, 777' right of centerline, 37' AGL/636' MSL. Building 2183' from departure end of runway, 1083' right of centerline, 91' AGL/680' MSL. **Rwy 31**, ground 2' from departure end of runway, 498' left of centerline, 0' AGL/541' MSL. LOC obstruction light 303' from departure end of runway, on centerline, 48' AGL/547' MSL. Blast fence obstruction light 382' from departure end of runway, 50' left of centerline, 30' AGL/569' MSL. Trees beginning 789' from departure end of runway, 331' right of centerline, up to 60' AGL/602' MSL. Pole 1012' from departure end of runway, 429' left of centerline, 29' AGL/578' MSL. Transmission tower 1882' from departure end of runway, 219' right of centerline, 61' AGL/610' MSL. Pole 2037' from departure end of runway, 422' right of centerline, 47' AGL/596' MSL. Transmission tower 2778' from departure end of runway, 83' left of centerline, 91' AGL/630' MSL.

ONEIDA, TN

SCOTT MUNI

NOTE: **Rwy 5**, tree 2800' from departure end of runway, 600' right of centerline, 69' AGL/1605' MSL. **Rwy 23**, pole 950' from departure end of runway, on centerline, 42' AGL/1575' MSL. Power line 2938' from departure end of runway, 450' right of centerline, 142' AGL/1660' MSL.

OWENSBORO, KY

OWENSBORO-DAVISS COUNTY (OWB)

AMDT 4 08297 (FAA)

TAKE-OFF MINIMUMS: **Rwy 36**, 400-2 or std. w/min. climb of 340' per NM to 1000.

DEPARTURE PROCEDURE: **Rwy 36**, climb heading 359° to 1000 before turning west.

NOTE: **Rwy 5**, numerous buildings beginning 340' from departure end of runway, 454' left of centerline, up to 31' AGL/436' MSL. Multiple trees beginning 1898' from departure end of runway, 350' left of centerline, up to 69' AGL/474' MSL. Pole 1853' from departure end of runway, 206' left of centerline, 47' AGL/452' MSL. Pole 1863' from departure end of runway, 413' left of centerline, 49' AGL/454' MSL. Windssock 393' from departure end of runway, 163' left of centerline, 10' AGL/418' MSL. Trees beginning 1489' from departure end of runway, 429' right of centerline, up to 49' AGL/454' MSL. **Rwy 18**, pole 942' from departure end of runway 133' left of centerline, 38' AGL/438' MSL. Pole 1134' from departure end of runway, 675' left of centerline, 45' AGL/445' MSL. **Rwy 23**, tree 1521' from departure end of runway, 650' right of centerline, 100' AGL/509' MSL. Tree 2223' from departure end of runway, 81' right of centerline, 82' AGL/482' MSL. **Rwy 36**, multiple trees beginning 478' from departure end of runway, 500' right of centerline, up to 36' AGL/439' MSL. Tower 1.54 NM from departure end of runway, 2941' right of centerline, 403' AGL/803' MSL. Obstacle light on tower 1.55 NM from departure end of runway, 2940' right of centerline, 403' AGL/803' MSL. Tree 939' from departure end of runway, 496' left of centerline, 40' AGL/443' MSL. Building 508' from departure end of runway, 578' left of centerline, 22' AGL/426' MSL.

PADUCAH, KY

BARKLEY RGNL

NOTE: **Rwy 4**, multiple trees and bushes beginning 131' from departure end of runway, 13' left of centerline, up to 100' AGL/452' MSL. Multiple trees beginning 697' from departure end of runway, 19' right of centerline, up to 100' AGL/464' MSL. Pole 1301' from departure end of runway, 316' right of centerline, up to 17' AGL/415' MSL. **Rwy 14**, multiple trees beginning 858' from departure end of runway, 77' left of centerline, up to 100' AGL/487' MSL. Road 551' from departure end of runway, 144' left of centerline, 17' AGL/422' MSL. Tree 788' from departure end of runway, 13' right of centerline, up to 100' AGL/439' MSL. Terrain 13' from departure end of runway, 320' right of centerline, 0' AGL/404' MSL. **Rwy 22**, multiple terrain and trees beginning 128' from departure end of runway, 30' left of centerline, up to 100' AGL/507' MSL. Road 981' from departure end of runway, 692' right of centerline, 17' AGL/444' MSL. Terrain 76' from departure end of runway, 3' right of centerline, 0' AGL/420' MSL. Terrain 25' from departure end of runway, 388' right of centerline, 0' AGL/411' MSL. **Rwy 32**, multiple trees beginning 376' from departure end of runway, 173' right of centerline, up to 100' AGL/458' MSL. Multiple trees and terrain beginning 31' from departure end of runway, 42' left of centerline, up to 100' AGL/462' MSL.

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TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES





PIKEVILLE, KY

PIKE COUNTY-HATCHER FIELD (PBX)
ORIG 09127 (FAA)

TAKE-OFF MINIMUMS: Rwy 9, 300-1 or std. w/ min. climb of 453' per NM to 2300 or 1000-3 for climb in visual conditions.

DEPARTURE PROCEDURE: Rwy 9, for climb in visual conditions: cross Pike County-Hatcher Field airport at or above 2300 before proceeding on course.

NOTE: Rwy 9, tree 4788' from DER, 1173' right of centerline, 20' AGL/1739' MSL. Multiple trees beginning 2702' from DER, 654' left of centerline and 965' right of centerline, up to 20' AGL/1770' MSL.

PORTLAND, TN

PORTLAND MUNI

NOTE: Rwy 1, tree 501' from departure end of runway, 180' right of centerline, 100' AGL/839' MSL. Tree 1564' from departure end of runway, 507' left of centerline, 100' AGL/839' MSL. Rwy 19, multiple trees 673' from departure end of runway, 83' right of centerline, up to 100' AGL/919' MSL.

PRESTONSBURG, KY

BIG SANDY RGNL

NOTE: Rwy 21, multiple trees and poles beginning 250' from departure end of runway, 11' right of centerline, up to 72' AGL/1272' MSL. Multiple trees and poles beginning 294' from departure end of runway, 35' left of centerline, up to 83' AGL/1283' MSL.

PULASKI, TN

ABERNATHY FIELD

TAKE-OFF MINIMUMS: Rwy 16, 400-1 1/2 or std. with a min. climb of 291' per NM to 1200. Rwy 34, 400-1 1/2 or std. with a min. climb of 380' per NM to 1200.

DEPARTURE PROCEDURE: Rwy 16, climb via heading 155° to 1200 before turning.

NOTE: Rwy 16, trees 1.43 NM from departure end of runway, 1986' right of centerline, 100' AGL/999' MSL. Rwy 34, multiple trees beginning 4625' from departure end of runway, 740' left of centerline, up to 100' AGL/979' MSL. Trees 1.2 NM from departure end of runway, 135' right of centerline, 100' AGL/1019' MSL.

ROCKWOOD, TN

ROCKWOOD MUNI

TAKE-OFF MINIMUMS: Rwy 22, 500-2 or std. with a min. climb of 300' per NM to 3000.

DEPARTURE PROCEDURE: Rwy 22, climb runway heading to 4000 before proceeding on course.

ROGERSVILLE, TN

HAWKINS COUNTY

TAKE-OFF MINIMUMS: Rwy 7, 500-1. Rwy 25, 800-1.

DEPARTURE PROCEDURE: Climb on runway heading to 2600 before turning.

RUSSELLVILLE, KY

RUSSELLVILLE-LOGAN COUNTY

DEPARTURE PROCEDURE: Rwy 6, climb to 1700 before turning left. Rwy 24, climb to 1700 before turning right.

SABRE AHP (FORT CAMPBELL) (EOD)

CLARKSVILLE, TN AMDT 1, 09183

Rwy 22, Vehicle on road 134' from DER, 259' right of centerline, up to 15' AGL/604' MSL.

SAVANNAH, TN

SAVANNAH-HARDIN COUNTY (SNH)

AMDT 3 09211 (FAA)

TAKE-OFF MINIMUMS: Rwy 19, 400-2 1/4 or std. with min. climb of 260' per NM to 1000.

NOTE: Rwy 1, trees beginning 1243' from DER, 101' right of centerline, up to 70' AGL/589' MSL. Rwy 19, trees beginning 973' from DER, left and right of centerline, up to 70' AGL/789' MSL.

SELMER, TN

ROBERT SIBLEY (SZY)

ORIG 08269 (FAA)

NOTE: Rwy 17, terrain beginning 71' from departure end of runway, 154' right of centerline, up to 644' MSL. Trees beginning 104' from departure end of runway, 405' right of centerline, up to 76' AGL/695' MSL. Pole 1208' from departure end of runway, 810' right of centerline, 28' AGL/687' MSL. Pole 1857' from departure end of runway, 380' right of centerline, 45' AGL/664' MSL. Rwy 35, vehicles on roadway 107' from departure end of runway, on centerline, up to 15' AGL/622' MSL. Trees beginning 95' from departure end of runway, 206' right of centerline, up to 51' AGL/645' MSL.

SEVIERVILLE, TN

GATLINBURG-PIGEON FORGE

DEPARTURE PROCEDURE: Rwy 10, climbing left turn via VXV VORTAC R-090 westbound to 5000 before turning on course. Rwy 28, climb direct VXV VORTAC to 5000 before turning on course.

NOTE: Rwy 10, trees 300' from departure end of runway, 350' left of centerline, 80' AGL/1123' MSL. Trees 610' from departure end of runway, 390' left of centerline, 85' AGL/1137' MSL. Power line 1504' from departure end of runway, 380' left of centerline, 55' AGL/1091' MSL. Rwy 28, trees 120' left of departure end of runway, 45' AGL/1062' MSL. Tower 13,580' from departure end of runway, 2626' right of centerline, 175' AGL/1359' MSL.

SHELBYVILLE, TN

BOMAR FIELD-SHELBYVILLE MUNI (SYI)

AMDT 1 08213 (FAA)

DEPARTURE PROCEDURE: Rwy 18, climb heading 180° to 1600 before turning left. Rwy 36, climb heading 345° to 1600 before turning right.

NOTE: Rwy 18, tree 81' from departure end of runway, 176' right of centerline, up to 100' AGL/890' MSL. Tree 86' from departure end of runway, 199' left of centerline, up to 100' AGL/880' MSL. Rwy 36, trees and terrain 505' from departure end of runway, 36' left of centerline, up to 7' AGL/806' MSL.

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SMITHVILLE, TN

SMITHVILLE MUNI (0A3)
ORIG 08157 (FAA)

NOTE: **Rwy 6**, trees and terrain beginning 76' from departure end of runway, 256' right of centerline, up to 100' AGL/1199' MSL. Trees beginning 733' from departure end of runway, 11' left of centerline up to 100' AGL/1119' MSL. **Rwy 24**, trees and terrain beginning 76' from departure end of runway, 8' left of centerline, up to 100' AGL/1119' MSL. Trees and terrain beginning 83' from departure end of runway, 162' right of centerline, up to 100' AGL/1179' MSL.

SMYRNA, TN

SMYRNA (MQY)
AMDT 5 09071 (FAA)

DEPARTURE PROCEDURE: **Rwy 1**, climb heading 006° to 1200 before turning northeast.

NOTE: **Rwy 1**, multiple trees beginning 842' from DER, 80' right of centerline, up to 60' AGL/580' MSL. Multiple trees beginning 1191' from DER, 193' left of centerline, up to 60' AGL/569' MSL. **Rwy 14**, tree 1321' from DER, 808' left of centerline, up to 60' AGL/572' MSL. **Rwy 19**, multiple trees beginning 1808' from DER, 67' right of centerline, up to 60' AGL/601' MSL. Light 1495' from DER, 603' right of centerline, up to 49' AGL/573' MSL. Multiple trees beginning 1649' from DER, 167' left of centerline, up to 60' AGL/622' MSL. **Rwy 32**, multiple trees beginning 413' from DER, 65' right of centerline, up to 60' AGL/695' MSL. Multiple trees beginning 78' from DER, 298' left of centerline, up to 60' AGL/635' MSL.

SOMERSET, KY

LAKE CUMBERLAND RGNL

TAKE-OFF MINIMUMS: **Rwy 5**, 900-2 or std. with a min. climb of 420' per NM to 2000. **Rwy 23**, 800-2 or std. with a min. climb of 220' per NM to 2000.

DEPARTURE PROCEDURE: **Rwy 5**, climb via heading 046° to 2000 before turning. **Rwy 23**, climb via heading 236° to 2000 before turning.

NOTE: **Rwy 5**, tower 10, 412' from departure end of runway, 497' right of centerline, 100' AGL/1300' MSL. **Rwy 23**, tower 20, 700' from departure end of runway, 17,575' left of centerline, 460' AGL/1715' MSL.

SOMERVILLE, TN

FAYETTE COUNTY

NOTE: **Rwy 1**, multiple trees beginning 527' from departure end of runway, 343' right of centerline, up to 100' AGL/529' MSL. Multiple trees beginning 427' from departure end of runway, 8' left of centerline, up to 100' AGL/529' MSL. **Rwy 19**, multiple trees beginning 87' from departure end of runway, 306' right of centerline, up to 100' AGL/539' MSL. Multiple trees beginning 709' from departure end of runway, 455' left of centerline, up to 100' AGL/549' MSL.

SPARTA, TN

UPPER CUMBERLAND RGNL (SRB)
ORIG 09015 (FAA)

DEPARTURE PROCEDURE: **Rwy 4**, climb via heading 037° to 3400 before proceeding on course.

NOTE: **Rwy 4**, tree 56' from departure end of runway, 448' right of centerline, 100' AGL/1049' MSL. Tree 484' from departure end of runway, 574' right of centerline, 100' AGL/1056' MSL. **Rwy 22**, tree 1646' from departure end of runway, 775' left of centerline, 100' AGL/1069' MSL.

SPRINGFIELD, KY

LEBANON-SPRINGFIELD
TAKE-OFF MINIMUMS: **Rwy 11**, 300-1.

SPRINGFIELD, TN

SPRINGFIELD ROBERTSON COUNTY

NOTE: **Rwy 22**, trees 1419' from departure end of runway, 15' left of centerline, 42' AGL/742' MSL.

STURGIS, KY

STURGIS MUNI

TAKE-OFF MINIMUMS: **Rwy 28**, 300-1.

DEPARTURE PROCEDURE: **Rwy 36**, climb runway heading to 800 before turning west.

TRENTON, TN

GIBSON COUNTY

TAKE-OFF MINIMUMS: **Rwy 1**, 400-1.

DEPARTURE PROCEDURE: **Rwys 1, 19**, climb runway heading to 1500 before turning east.

TULLAHOMA, TN

TULLAHOMA RGNL/WM NORTHERN FIELD
(THA)

ORIG 09127 (FAA)

TAKE-OFF MINIMUMS: **Rwys 9, 27**, NA - Turf runway.

UNION CITY, TN

EVERETT-STEWART RGNL (UCY)

ORIG 08101 (FAA)

NOTE: **Rwy 19**, vehicles on roadway beginning 177' from departure end of runway, left and right of centerline, up to 15' AGL/364' MSL.

WAVERLY, TN

HUMPHREYS COUNTY

TAKE-OFF MINIMUMS: **Rwys 3, 21**, 200-1.

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WILLIAMSBURG, KY

WILLIAMSBURG-WHITLEY COUNTY

TAKE-OFF MINIMUMS: **Rwy 2**, 400-1 ¼ or std. w/ a min. climb of 470' per NM to 1700. **Rwy 20**, std. w/ min. climb of 280' per NM to 2700, or 1200-3 for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 2**, climb heading 018° to 2000 before turning East. **Rwy 20**, for climb in visual conditions cross Williamsburg-Whitley County Airport at or above 2300 MSL before proceeding on course.

NOTE: **Rwy 2**, multiple trees beginning 1167' from departure end of runway, 524' right of centerline, up to 49' AGL/1226' MSL. Multiple trees beginning 3563' from departure end of runway, left of centerline, up to 175' AGL/1353' MSL. Multiple trees beginning 4285' from departure end of runway, right of centerline, up to 321' AGL/1499' MSL. **Rwy 20**, multiple trees beginning 331' from departure end of runway, 331' left of centerline, up to 62' AGL/1217' MSL.

WINCHESTER, TN

WINCHESTER MUNI

TAKE-OFF MINIMUMS: **Rwy 18**, 1000-2.
DEPARTURE PROCEDURE: **Rwys 18, 36**, climb on runway heading to 2000 before turning.

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