INSTRUMENT APPROACH PROCEDURE CHARTS

## IFR ALTERNATE AIRPORT MINIMUMS

Pilots must review the IFR Alternate Minimums Notes to determine alternate airport suitability. ▲NA designation on the approach chart means that pilots may not use that approach as an alternate due to unmonitored facility, absence of weather reporting service, or lack of adequate navigation coverage. Approaches with the ▲NA designation are not listed in this section. ▲ designation on the approach chart indicates that the approach procedure has non-standard minimums (for aircraft other than helicopters) or restrictions (for all users) for its use as an alternate.

**Alternate Minima (ref: 14 CFR 91.169)**

| | Precision Approach | Non-Precision Approach |
|---|---|---|
| Standard | **600-2** | **800-2** |
| ▲Non-Standard or restrictions | As indicated below | As indicated below |
| Helicopters | For the selected approach:<br>Ceiling: 200' above published ceiling<br>Visibility: the greater of 1 SM visibility or the published visibility | |
| US Military<br>(USA/USN/USAF) | See Service Regulations | |

***Note:*** For alternate airport flight planning purposes, precision approach operations include: ILS, PAR, and GLS, and Non-Precision approach operations include: NDB, VOR, LOC, TACAN, LDA, SDF, ASR, RNAV (GPS) and RNAV (RNP).



NAME — ALTERNATE MINIMUMS

**ASHLAND, KY**
ASHLAND
RGNL (DWU)……**RNAV (GPS) Rwy 10**
**RNAV (GPS) Rwy 28**
NA when local weather not available.
Category B, 900-2; Category C, 900-2½;
Category D, 900-2¾.

**ATHENS, TN**
MCMINN COUNTY (MMI)……**RNAV (GPS) Rwy 2**[1]
**RNAV (GPS) Rwy 20**[2]
NA when local weather not available.
[1]Category D, 1000-3.
[2]Categories A, B, C, 900-2½; Category D, 1000-3.

**BARDSTOWN, KY**
SAMUELS FLD (BRY)……**RNAV (GPS) Rwy 3**[1]
**RNAV (GPS) Rwy 21**[1]
**VOR Rwy 3**
Category D, 900-2¾.
[1]NA when local weather not available.

**BOWLING GREEN, KY**
BOWLING GREEN-WARREN COUNTY
RGNL (BWG)…….....**RNAV (GPS) Rwy 3**
**RNAV (GPS) Rwy 21**
NA when local weather not available.

NAME — ALTERNATE MINIMUMS

**BRISTOL/JOHNSON/KINGSPORT, TN**
TRI-CITIES (TRI)……**ILS or LOC Rwy 5**[12]
**ILS or LOC Rwy 23**[13]
**RNAV (GPS) Rwy 5**[4]
**RNAV (GPS) Rwy 9**[5]
**RNAV (GPS) Rwy 23**[6]
**RNAV (GPS) Rwy 27**[4]
[1]NA when control tower closed.
[2]LOC, Category C, 900-2¼; Category D, 1000-3.
[3]LOC, Categories A, B, 1000-2;
Categories C, D, 1000-3.
[4]Category C, 900-2¼; Category D, 1000-3.
[5]Category C, 800-2¼; Category D, 1000-3.
[6]NA when local weather not available.

**CHATTANOOGA, TN**
LOVELL FLD (CHA)…….....**ILS or LOC Rwy 2**[12]
**ILS or LOC Rwy 20**[12]
**RNAV (GPS) Rwy 2**[3]
**RNAV (GPS) Rwy 15**[4]
**RNAV (GPS) Rwy 20**[3]
**RNAV (GPS) Rwy 33**[5]
[1]NA when control tower closed.
[2]LOC, Category C, 900-2½; Category D, 900-3.
[3]Category C, 900-2½; Category D, 900-3.
[4]Category C, 800-2¼; Category D, 900-3.
[5]Categories A, B, 900-2; Category C, 900-2½;
Category D, 900-3.

NAME ALTERNATE MINIMUMS

**CLARKSVILLE, TN**
OUTLAW FLD (CKV)……..……..**LOC Rwy 35**
**RNAV (GPS) Rwy 17**
**RNAV (GPS) Rwy 35**
NA when local weather not available.

**CLEVELAND, TN**
CLEVELAND RGNL
JETPORT (RZR)……...**RNAV (GPS) Rwy 3**[1]
**RNAV (GPS) Rwy 21**
Category D, 1000-3.
[1]NA when local weather not available.

**COLUMBIA/MOUNT PLEASANT, TN**
MAURY COUNTY
RGNL (MRC)……**RNAV (GPS) Rwy 6**[1]
**RNAV (GPS) Rwy 24**[2]
NA when local weather not available.
[1]Category D, 1000-3.
[2]Category A, B, C, 800-2¼; Category D, 1000-3.

**COVINGTON, KY**
CINCINNATI/NORTHERN KENTUCKY
INTL (CVG)……**ILS or LOC Rwy 18R**
**ILS or LOC Rwy 36C**
**ILS or LOC Rwy 36L**
**ILS or LOC Rwy 36R**
ILS, Category D, 700-2.

**COVINGTON, TN**
COVINGTON MUNI (M04)..**…..RNAV (GPS) Rwy 1**
NA when local weather not available.
Category D, 800-2¼.

**CROSSVILLE, TN**
CROSSVILLE MEML-WHITSON
FLD (CSV)……**ILS Y or LOC Y Rwy 26**
**ILS Z or LOC Z Rwy 26**
**RNAV (GPS) Rwy 26**
NA when local weather not available.

**DANVILLE, KY**
STUART POWELL FLD (DVK)**…….....LOC Rwy 31**[1]
**RNAV (GPS) Rwy 13**
**RNAV (GPS) Rwy 31**[1]
NA when local weather not available.
[1]Category D, 900-2¾.

**DYERSBURG, TN**
DYERSBURG RGNL (DYR)…..**RNAV (GPS) Rwy 4**
**RNAV (GPS) Rwy 22**
NA when local weather not available.
Category D, 1000-3.

**ELIZABETHTON, TN**
ELIZABETHTON
MUNI (0A9)……**RNAV (GPS) Rwy 6**
NA when local weather not available.
Categories A, 1500-2; Category B, 1600-2;
Category C, 1700-3.

NAME ALTERNATE MINIMUMS

**ELIZABETHTOWN, KY**
ADDINGTON FLD (EKX).....….**ILS or LOC Rwy 5**[1]
**RNAV (GPS) Rwy 5**[2]
**RNAV (GPS) Rwy 23**
NA when local weather not available.
[1]LOC, Category D, 1000-3.
[2]Category D, 1000-3.

**FLEMINGSBURG, KY**
FLEMING-
MASON (FGX)……**RNAV (GPS) Rwy 7**
**RNAV (GPS) Rwy 25**
NA when local weather not available.

**FRANKFORT, KY**
CAPITAL CITY (FFT)……..**RNAV (GPS) Rwy 7**
**RNAV (GPS) Rwy 25**
NA when local weather not available.

**GALLATIN, TN**
MUSIC CITY
EXEC (XNX)…….....**RNAV (GPS) Rwy 17**
**RNAV (GPS) Rwy 35**[1]
**VOR-A**
Category D, 800-2¼.
[1]NA when local weather not available.

**GLASGOW, KY**
GLASGOW MUNI (GLW)……..**RNAV (GPS) Rwy 8**
**RNAV (GPS) Rwy 26**[1]
NA when local weather not available.
[1]Category D, 900-2¾.

**GREENVILLE, TN**
GREENVILLE
MUNI (GCY)…….....….**RNAV (GPS) Rwy 5**
NA when local weather not available.
Category D, 800-2¼.

**HARLAN, KY**
TUCKER-GUTHRIE
MEML (I35)...…….....……**RNAV (GPS)-A**
NA when local weather not available.
Categories A, B, 1400-2; Category C, 1800-3.

**HARTFORD, KY**
OHIO COUNTY (JQD)..……**RNAV (GPS) Rwy 3**
**RNAV (GPS) Rwy 21**
NA when local weather not available.
Category C, 800-2¼.

**HAZARD, KY**
WENDELL H FORD (CPF)…….....**LOC Rwy 14**[1]
**RNAV (GPS) Rwy 14**[2]
**RNAV (GPS) Rwy 32**[2]
[1]Category C, 900-2¼; Category D, 900-3.
[2]Category C, 900-2¼; Category D, 900-2½.

NAME ALTERNATE MINIMUMS

**HENDERSON, KY**
HENDERSON
CITY-COUNTY (EHR)……**RNAV (GPS) Rwy 9**
**RNAV (GPS) Rwy 27**
NA when local weather not available.

**JACKSON, KY**
JULIAN
CARROLL (JKL)……..**RNAV (GPS) Rwy 1**
NA when local weather not available.

**JACKSON, TN**
MC KELLAR-
SIPES RGNL (MKL)……**ILS or LOC Rwy 2**
**RNAV (GPS) Rwy 2**
**RNAV (GPS) Rwy 20**
**VOR Rwy 2**[1]
NA when local weather not available.
[1]Category D, 800-2¼.

**KNOXVILLE, TN**
KNOXVILLE DOWNTOWN
ISLAND (DKX)……**LOC Rwy 26**
**RNAV (GPS) Rwy 26**
**VOR-B**
NA when local weather not available.
Categories A, B, 900-2; Category C, 900-2¾.

MC GHEE TYSON (TYS)……..**ILS or LOC Rwy 5L**[1]
**ILS or LOC Rwy 23L**[2]
**ILS or LOC Rwy 23R**[3]
**RADAR-1**[4]
**RNAV (GPS) Rwy 5L**[5]
**RNAV (GPS) Rwy 5R**[5]
**RNAV (GPS) Rwy 23L**[5]
**RNAV (GPS) Rwy 23R**[5]
**VOR Rwy 23L**[5]
**VOR Rwy 23R**[5]
[1]LOC, Category D, 1000-3.
[2]ILS, Categories B, C, 700-2; Category D, 1000-3; LOC, Category D, 1000-3.
[3]LOC, Categories D, E, 1000-3.
[4]Categories D, E, 1000-3.
[5]Category D, 1000-3.

**LEWISPORT, KY**
HANCOCK COUNTY/RON LEWIS
FLD (KY8)……..**RNAV (GPS) Rwy 23**
NA when local weather not available.
Category C, 800-2¼.

**LEXINGTON, KY**
BLUE GRASS (LEX)……..**ILS or LOC Rwy 4**
**ILS or LOC Rwy 22**
**RNAV (GPS) Rwy 4**
**RNAV (GPS) Rwy 9**
**RNAV (GPS) Rwy 22**
**RNAV (GPS) Rwy 27**
**VOR-A**
NA when local weather not available.

**LEXINGTON-PARSONS, TN**
BEECH RIVER
RGNL (PVE)……..**RNAV (GPS) Rwy 1**
**RNAV (GPS) Rwy 19**
NA when local weather not available.
Category D, 800-2¼.

**LIVINGSTON, TN**
LIVINGSTON MUNI (8A3)…….**RNAV (GPS) Rwy 3**
**RNAV (GPS) Rwy 21**
**VOR/DME Rwy 21**
NA when local weather not available.
Category D, 1000-3.

**LONDON, KY**
LONDON/CORBIN/
MAGEE (LOZ)……..**ILS or LOC Rwy 6**[1]
**RNAV (GPS) Rwy 6**[2]
**RNAV (GPS) Rwy 24**[3]
**VOR Rwy 6**[2]
NA when local weather not available.
[1]LOC, Category B, 900-2; Category C, 900-2½; Category D, 900-2¾.
[2]Category B, 900-2; Category C, 900-2½; Category D, 900-2¾.
[3]Category C, 900-2½; Category D, 900-2¾.

**LOUISVILLE, KY**
BOWMAN FLD (LOU)……..……**NDB Rwy 33**
**RNAV (GPS) Rwy 24**
**RNAV (GPS) Rwy 33**
NA when local weather not available.

LOUISVILLE MUHAMMAD ALI
INTL (SDF)……..**ILS or LOC Rwy 17L**[1]
**ILS or LOC Rwy 17R**[1]
**ILS or LOC Rwy 35L**[1]
**ILS or LOC Rwy 35R**[1]
**LOC Rwy 29**[2]
**RNAV (GPS) Rwy 29**[2]
**RNAV (GPS) Y Rwy 17L**[2]
**RNAV (GPS) Y Rwy 17R**[2]
**RNAV (GPS) Y Rwy 35L**[2]
**RNAV (GPS) Y Rwy 35R**[2]
[1]LOC, Category D, 900-3.
[2]Category D, 900-3.

**MADISONVILLE, KY**
MADISONVILLE
RGNL (2I0)……..**RNAV (GPS) Rwy 5**
**RNAV (GPS) Rwy 23**
NA when local weather not available.
Category D, 1000-3.

**MADISONVILLE, TN**
MONROE COUNTY (MNV)……**RNAV (GPS) Rwy 5**
NA when local weather not available.

NAME ALTERNATE MINIMUMS

**MARION, KY**
MARION-CRITTENDEN COUNTY JAMES C JOHNSON RGNL (GDA).....**RNAV (GPS) Rwy 7**
**RNAV (GPS) Rwy 25**
NA when local weather not available.
Category D, 800-2¼.

**MAYFIELD, KY**
MAYFIELD GRAVES COUNTY (M25).....**RNAV (GPS) Rwy 19**
NA when local weather not available.
Category D, 800-2½.

**MC MINNVILLE, TN**
WARREN COUNTY MEML (RNC).....**RNAV (GPS) Rwy 5**
**RNAV (GPS) Rwy 23**
NA when local weather not available.

**MEMPHIS, TN**
MEMPHIS INTL (MEM).....**ILS or LOC Rwy 9[1]**
**ILS or LOC Rwy 18C[1]**
**ILS or LOC Rwy 18L[1]**
**ILS or LOC Rwy 18R[1]**
**ILS or LOC Rwy 27[1]**
**ILS or LOC Rwy 36C[2]**
**ILS or LOC Rwy 36L[2]**
**ILS or LOC Rwy 36R[2]**
**RNAV (GPS) Rwy 9[3]**
**RNAV (GPS) Rwy 27[3]**
**RNAV (GPS) Rwy 36C[3]**
**RNAV (GPS) Rwy 36L[3]**
**RNAV (GPS) Rwy 36R[3]**
**RNAV (GPS) Z Rwy 18C[3]**
**RNAV (GPS) Z Rwy 18L[3]**
**RNAV (GPS) Z Rwy 18R[3]**
[1]LOC, Category D, 800-2¼; Category E, 800-2¾.
[2]ILS, LOC, Category E, 800-2¾.
[3]Category D, 800-2¼.

**MIDDLESBORO, KY**
MIDDLESBORO/ BELL COUNTY (1A6).....**RNAV (GPS)-A**
NA when local weather not available.
Category A, 1700-2; Category B, 2000-2.

**MILLINGTON, TN**
MILLINGTON/MEMPHIS (NQA).....**ILS or LOC Rwy 22[125]**
**RNAV (GPS) Rwy 4[3]**
**RNAV (GPS) Rwy 22[45]**
**VOR or TACAN Rwy 22[4]**
[1]NA when control tower closed.
[2]LOC, Category E, 800-2¼.
[3]Category D, 800-2¼; Category E, 800-2½.
[4]Category E, 800-2¼;
[5]NA when local weather not available.

NAME ALTERNATE MINIMUMS

**MONTICELLO, KY**
WAYNE COUNTY (EKQ).....**RNAV (GPS) Rwy 3**
**RNAV (GPS) Rwy 21**
NA when local weather not available.
Categories A, B, 900-2.

**MOREHEAD, KY**
MOREHEAD-ROWAN COUNTY CLYDE A. THOMAS RGNL (SYM).....**RNAV (GPS) Rwy 2**
**RNAV (GPS) Rwy 20**
NA when local weather not available.
Category D, 800-2½.

**MURRAY, KY**
KYLE-OAKLEY FLD (CEY).....**RNAV (GPS) Rwy 5**
**RNAV (GPS) Rwy 23**
NA when local weather not available.

**NASHVILLE, TN**
NASHVILLE INTL (BNA).....**ILS or LOC Rwy 2C[13]**
**ILS or LOC Rwy 2L[1]**
**ILS or LOC Rwy 20R[1]**
**ILS or LOC Rwy 31[1]**
**ILS or LOC/DME Rwy 2R[1]**
**ILS or LOC/DME Rwy 20L[1]**
**RNAV (GPS) Rwy 13[2]**
**RNAV (GPS) Rwy 20C[2]**
**RNAV (GPS) Y Rwy 2C[2]**
**RNAV (GPS) Y Rwy 2L[2]**
**RNAV (GPS) Y Rwy 2R[2]**
**RNAV (GPS) Y Rwy 20L[2]**
**RNAV (GPS) Y Rwy 20R[2]**
**RNAV (GPS) Y Rwy 31[2]**
[1]ILS, Category C, 700-2; Category D, 800-2½; LOC, Category D, 800-2½.
[2]Category D, 800-2½.
[3]NA when local weather not available.

**OWENSBORO, KY**
OWENSBORO/DAVIESS COUNTY RGNL (OWB).....**ILS or LOC Rwy 36[12]**
**RNAV (GPS) Rwy 6[3]**
**RNAV (GPS) Rwy 18[3]**
**RNAV (GPS) Rwy 24[3]**
**RNAV (GPS) Rwy 36[3]**
**VOR Rwy 6[4]**
**VOR Rwy 18**
**VOR Rwy 36[3]**
NA when local weather not available.
[1]NA when control tower closed.
[2]LOC, Category D, 800-2¼.
[3]Category D, 800-2¼.
[4]Categories C, D, 800-2½.

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NAME ALTERNATE MINIMUMS

**PADUCAH, KY**
BARKLEY RGNL (PAH)……**ILS or LOC Rwy 5**[12]
**RNAV (GPS) Rwy 5**[3]
**RNAV (GPS) Rwy 14**[3]
**RNAV (GPS) Rwy 23**[3]
**RNAV (GPS) Rwy 32**[3]
**VOR Rwy 5**[3]
**VOR Rwy 23**[3]
NA when local weather not available.
[1]NA when control tower closed.
[2]LOC, Category D, 800-2¼.
[3]Category D, 800-2¼.

**PARIS, TN**
HENRY COUNTY (PHT)……..**RNAV (GPS) Rwy 2**
**RNAV (GPS) Rwy 20**
NA when local weather not available.
Category D, 2¼.

**PIKEVILLE, KY**
PIKE COUNTY/HATCHER
FLD (PBX)……..……**RNAV (GPS) Rwy 9**
**RNAV (GPS) Rwy 27**
Category D, 1000-3.

**PORTLAND, TN**
DOUGLAS
HUNTER FLD (1M5)……....**RNAV (GPS) Rwy 1**
**RNAV (GPS) Rwy 19**
NA when local weather not available.

**PRESTONSBURG, KY**
BIG SANDY RGNL (SJS)…..…**RNAV (GPS) Rwy 3**
**RNAV (GPS) Rwy 21**[1]
NA when local weather not available.
[1]Category D, 800-2½.

**RICHMOND, KY**
CENTRAL KENTUCKY
RGNL (RGA)……**RNAV (GPS) Rwy 18**
**RNAV (GPS) Rwy 36**
**VOR Rwy 18**
NA when local weather not available.
Category D, 800-2½.

**ROCKWOOD, TN**
ROCKWOOD
MUNI (RKW)……..**VOR/DME Rwy 22**
NA when local weather not available.
Category D, 1200-3.

**SEVIERVILLE, TN**
GATLINBURG-PIGEON
FORGE (GKT)……**RNAV (GPS) Rwy 10**[1]
**VOR/DME Rwy 10**[2]
NA when local weather not available.
[1]Categories A, B, 1000-2; Category C, 1100-3, Category D, 1700-3.
[2]Categories A, B, 900-2; Category C, 1100-3, Category D, 1700-3.

NAME ALTERNATE MINIMUMS

**SHELBYVILLE, TN**
BOMAR FLD/SHELBYVILLE
MUNI (SYI)……**RNAV (GPS) Rwy 18**
**RNAV (GPS) Y Rwy 36**
**RNAV (GPS) Z Rwy 36**
**VOR Rwy 18**
**VOR Rwy 36**
NA when local weather not available.
Categories C, D, 1000-3.

**SMYRNA, TN**
SMYRNA (MQY)……**ILS or LOC/DME Rwy 32**[12]
**RNAV (GPS) Rwy 1**[13]
**RNAV (GPS) Rwy 14**[13]
**RNAV (GPS) Rwy 19**[13]
**RNAV (GPS) Rwy 32**[13]
[1]NA when local weather not available.
[2]ILS, Category B, 700-2; Category C, 800-2; Category D, 1000-2¾;
LOC, Category D, 1000-2¾.
[3]Category D, 1000-3.

**SOMERSET, KY**
LAKE CUMBERLAND
RGNL (SME)……**ILS or LOC/DME Rwy 5**[12]
**RNAV (GPS) Rwy 5**[3]
**RNAV (GPS) Rwy 23**[3]
[1]NA when local weather not available.
[2]LOC, Categories C, D, 1200-3.
[3]Categories C, D, 1200-3.

**SOMERVILLE, TN**
FAYETTE
COUNTY (FYE)……..**RNAV (GPS) Rwy 1**
**RNAV (GPS) Rwy 19**
NA when local weather not available.

**SPARTA, TN**
UPPER CUMBERLAND
RGNL(SRB)……**RNAV (GPS) Rwy 4**
NA when local weather not available.
Category D, 900-2¾.

**SPRINGFIELD, KY**
LEBANON SPRINGFIELD-GEORGE HOERTER
FLD (6I2)……..……**RNAV (GPS) Rwy 11**
**RNAV (GPS) Rwy 29**
NA when local weather not available.

**TULLAHOMA, TN**
TULLAHOMA RGNL/WM NORTHERN
FLD (THA)……**RNAV (GPS) Rwy 6**
**RNAV (GPS) Rwy 18**
**RNAV (GPS) Rwy 24**
**RNAV (GPS) Rwy 36**
NA when local weather not available.


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| NAME | ALTERNATE MINIMUMS | NAME | ALTERNATE MINIMUMS |
|---|---|---|---|

**WILLIAMSBURG, KY**

WILLIAMSBURG-WHITLEY COUNTY (BYL)……**LOC Rwy 20**
**RNAV (GPS) Rwy 20**
NA when local weather not available.
Categories C, D, 1100-3.

**WINCHESTER, TN**

WINCHESTER MUNI (BGF)……**RNAV (GPS) Y Rwy 18**[1]
**RNAV (GPS) Z Rwy 18**[2]
**RNAV (GPS) Rwy 36**[3]
NA when local weather not available.
[1]Category B, 900-2; Category C, 900-2½; Category D, 1500-3.
[2]Categories A, B, C, D, 800-2¼.
[3]Category B, 900-2; Category C, 900-2½.


22 FEB 2024 to 21 MAR 2024

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



INSTRUMENT APPROACH PROCEDURE CHARTS

## IFR TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

Civil Airports and Selected Military Airports

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

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

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

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

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

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

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



22 FEB 2024 to 21 MAR 2024

## ASHLAND, KY

### ASHLAND RGNL (DWU)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 6 10OCT19 (19283) (FAA)

TAKEOFF MINIMUMS:

**Rwy 10,** 500-2¾ w/min. climb of 240' per NM to 1200 or std. w/min. climb of 395' per NM to 1100 or 1200-3 for VCOA.

DEPARTURE PROCEDURE:

**Rwy 10,** climb heading 103° to 1500 before proceeding on course.

**Rwy 28,** climb heading 283° to 1300 before proceeding on course.

VCOA:

**Rwy 10,** obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Ashland RGNL airport at or above 1600 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

**Rwy 10,** vehicles on road 4' from DER, 134' right of centerline, 552' MSL.
Tree 169' from DER, 215' right of centerline, 58' AGL/575' MSL.
Trees beginning 233' from DER, 65' left of centerline, up to 41' AGL/569' MSL.
Tree, building, vehicles on road beginning 366' from DER, 450' right of centerline, up to 70' AGL/605' MSL.
Trees, buildings, electrical system, transmission line, poles beginning 479' from DER, 155' right of centerline, up to 74' AGL/608' MSL.
Tree 870' from DER, 95' left of centerline, 51' AGL/573' MSL.
Trees, poles, electrical systems, transmission lines beginning 925' from DER, 44' right of centerline, up to 622' MSL.
Trees beginning 1750' from DER, 500' right of centerline, up to 86' AGL/628' MSL.
Trees beginning 2568' from DER, 991' left of centerline, up to 106' AGL/635' MSL.
Tree 3316' from DER, 1345' left of centerline, 106' AGL/647' MSL.
Tree, electrical systems beginning 1.1 NM from DER, 1621' left of centerline, up to 80' AGL/867' MSL.
Tree, electrical system beginning 1.3 NM from DER, 1370' left of centerline, up to 73' AGL/935' MSL.
Tree, electrical system beginning 1.3 NM from DER, 358' left of centerline, up to 78' AGL/954' MSL.
Tower 2.3 NM from DER, 16' right of centerline, 121' AGL/984' MSL.
Antenna, trees beginning 2.3 NM from DER, 19' right of centerline, up to 150' AGL/1011' MSL.
Tower 2.3 NM from DER, 263' right of centerline, 199' AGL/1024' MSL.
Antenna 2.3 NM from DER, 263' right of centerline, 196' AGL/1026' MSL.

**CON'T**

**ASHLAND, KY (CON'T)**

ASHLAND RGNL (DWU) (CON'T)

**Rwy 28,** trees beginning 80' from DER, 194' left of centerline, up to 81' AGL/606' MSL.
Tree 387' from DER, 134' right of centerline, 37' AGL/558' MSL.
Trees beginning 954' from DER, 215' left of centerline, up to 621' MSL.
Trees beginning 976' from DER, 3' left of centerline, up to 115' AGL/633' MSL.
Trees beginning 1224' from DER, 24' right of centerline, up to 585' MSL.
Tree 1364' from DER, 73' right of centerline, 61' AGL/588' MSL.
Trees beginning 1387' from DER, 26' right of centerline, up to 69' AGL/591' MSL.
Trees beginning 1421' from DER, 69' right of centerline, up to 69' AGL/597' MSL.
Trees beginning 1823' from DER, 18' right of centerline, up to 69' AGL/601' MSL.
Tree 2192' from DER, 24' right of centerline, 82' AGL/602' MSL.

**ATHENS, TN**

MCMINN COUNTY (MMI)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 25FEB21 (21056) (FAA)

TAKEOFF MINIMUMS:
**Rwy 2,** 400-2¾ or std. w/ min. climb of 400' per NM to 1200 or 1800-3 for VCOA.
**Rwy 20,** 300-1½ or std. w/ min. climb of 285' per NM to 3900 or 1800-3 for VCOA.

DEPARTURE PROCEDURE:
**Rwy 2,** climb on heading 022° to 2200 before turning right.
**Rwy 20,** climb on heading 202° to 1900 before turning left.

VCOA:
**All Rwys,** obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross McMinn County airport at or above 2500 before proceeding on course.

TAKEOFF OBSTACLE NOTES:
**Rwy 2,** fence 40' from DER, 262' left of centerline, 1' AGL/882' MSL.
Tree, building beginning 146' from DER, 322' left of centerline, up to 885' MSL.
Fence 337' from DER, 549' right of centerline, 14' AGL/907' MSL.
Fence 359' from DER, 358' left of centerline, 2' AGL/887' MSL.
Tree 420' from DER, 506' right of centerline, 980' MSL.
Trees, fence beginning 502' from DER, 485' right of centerline, up to 997' MSL.
Fence 515' from DER, 396' left of centerline, 5' AGL/891' MSL.
Trees, fence, building, terrain beginning 632' from DER, 34' right of centerline, up to 1013' MSL.
Tree 1351' from DER, 537' left of centerline, 952' MSL.
Tree 1352' from DER, 599' left of centerline, 954' MSL.
Tree 1437' from DER, 600' left of centerline, 958' MSL.
Trees beginning 1464' from DER, 42' left of centerline, up to 990' MSL.
Tree 3592' from DER, 1361' left of centerline, 1020' MSL.
Tree 3794' from DER, 1419' left of centerline, 1052' MSL.
Trees beginning 3812' from DER, 1161' left of centerline, up to 1064' MSL.
beginning 4156' from DER, 955' right of centerline, up to 1017' MSL.
Tree 4349' from DER, 1636' right of centerline, 1020' MSL.
Trees beginning 4384' from DER, 1329' right of centerline, up to 1033' MSL.
Trees beginning 4677' from DER, 1063' right of centerline, up to 1039' MSL.
Trees, building beginning 4834' from DER, 1051' left of centerline, up to 100' AGL/1079' MSL.
Trees beginning 4991' from DER, 1387' right of centerline, up to 1048' MSL.
Trees beginning 5015' from DER, 1051' left of centerline, up to 1072' MSL.
Trees, building beginning 5066' from DER, 1092' left of centerline, up to 1076' MSL.
Trees beginning 5369' from DER, 1696' left of centerline, up to 1079' MSL.
Building 1 NM from DER, 1842' right of centerline, 1062' MSL.
Tree 1.4 NM from DER, 2857' left of centerline, 1097' MSL.
Trees beginning 1.5 NM from DER, 2501' left of centerline, up to 1114' MSL.
Tree 1.5 NM from DER, 2867' left of centerline, 1142' MSL.
Trees beginning 1.5 NM from DER, 2801' left of centerline, up to 1187' MSL.
Tree, building beginning 1.6 NM from DER, 2566' left of centerline, up to 1225' MSL.
Trees beginning 1.9 NM from DER, 2151' left of centerline, up to 1240' MSL.
Trees beginning 2 NM from DER, 2130' left of centerline, up to 1260' MSL.
Trees beginning 2.1 NM from DER, 1745' left of centerline, up to 1271' MSL.
Tree 2.2 NM from DER, 1882' left of centerline, 1246' MSL.
**Rwy 20,** tree 2' from DER, 243' right of centerline, 861' MSL.
Trees beginning 43' from DER, 216' right of centerline, up to 868' MSL.
Trees beginning 283' from DER, 407' left of centerline, up to 858' MSL.
Tree 364' from DER, 438' left of centerline, 864' MSL.
Trees beginning 912' from DER, 549' right of centerline, up to 872' MSL.


22 FEB 2024 to 21 MAR 2024

**BARDSTOWN, KY**

SAMUELS FLD (BRY)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 29MAR18 (21112) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 3,** traverse way, fence beginning 3' from DER, 250' left of centerline, up to 674' MSL.
Tree 332' from DER, 561' left of centerline, 66' AGL/694' MSL.
Trees beginning 332' from DER, 394' left of centerline, up to 64' AGL/695' MSL.
Trees beginning 362' from DER, 364' left of centerline, up to 63' AGL/706' MSL.
Trees beginning 385' from DER, 367' left of centerline, up to 84' AGL/709' MSL.
Trees beginning 387' from DER, 372' left of centerline, up to 86' AGL/718' MSL.
Tree 437' from DER, 574' right of centerline, 72' AGL/702' MSL.
Trees beginning 446' from DER, 319' left of centerline, up to 86' AGL/728' MSL.
Trees beginning 470' from DER, 429' right of centerline, up to 85' AGL/711' MSL.
Trees beginning 556' from DER, 417' right of centerline, up to 84' AGL/713' MSL.
Trees beginning 569' from DER, 365' right of centerline, up to 103' AGL/720' MSL.
Trees beginning 722' from DER, 417' right of centerline, up to 94' AGL/724' MSL.
Trees beginning 749' from DER, 405' right of centerline, up to 95' AGL/729' MSL.
Tree 2340' from DER, 372' left of centerline, 74' AGL/733' MSL.
Tree 2359' from DER, 319' left of centerline, 78' AGL/737' MSL.
Trees beginning 3127' from DER, 799' left of centerline, up to 92' AGL/752' MSL.
Trees beginning 3373' from DER, 615' left of centerline, up to 100' AGL/758' MSL.
**Rwy 21,** catenary 4' from DER, 422' left of centerline, 28' AGL/650' MSL.
Terrain 42' from DER, 228' right of centerline, 639' MSL.
Fence 90' from DER, 247' right of centerline, 6' AGL/642' MSL.
Fence 107' from DER, 246' right of centerline, 8' AGL/643' MSL.
Catenary, transmission line, tree beginning 122' from DER, 214' left of centerline, up to 35' AGL/657' MSL.
Trees beginning 338' from DER, 347' right of centerline, up to 71' AGL/689' MSL.
Trees beginning 421' from DER, 67' left of centerline, up to 61' AGL/660' MSL.
Trees beginning 463' from DER, 30' right of centerline, up to 85' AGL/695' MSL.
Trees beginning 575' from DER, 127' left of centerline, up to 78' AGL/674' MSL.
Trees beginning 1025' from DER, 4' left of centerline, up to 73' AGL/684' MSL.
Tree, pole beginning 1355' from DER, 36' left of centerline, up to 60' AGL/688' MSL.
Tree 1604' from DER, 87' right of centerline, 79' AGL/698' MSL.
Trees beginning 1621' from DER, 71' right of centerline, up to 76' AGL/700' MSL.
Trees beginning 1651' from DER, 59' right of centerline, up to 82' AGL/712' MSL.
Tree 1725' from DER, 391' left of centerline, 73' AGL/700' MSL.
Trees beginning 1805' from DER, 93' left of centerline, up to 91' AGL/715' MSL.
Trees beginning 2555' from DER, 94' left of centerline, up to 101' AGL/734' MSL.
Trees beginning 2742' from DER, 65' right of centerline, up to 88' AGL/722' MSL.

**BOLIVAR, TN**

WILLIAM L WHITEHURST FLD (M08)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 01DEC77 (21112) (FAA)

TAKEOFF MINIMUMS:

**Rwy 1,** 200-1.
**Rwy 19,** 300-1.

**BOWLING GREEN, KY**

BOWLING GREEN-WARREN COUNTY RGNL (BWG)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 18NOV10 (10322) (FAA)

TAKEOFF MINIMUMS:

**Rwy 3,** 300-2 or std. w/ a min. climb of 238' per NM to 900.

TAKEOFF OBSTACLE NOTES:

**Rwy 3,** rising terrain and trees beginning 130' from DER, left and right of centerline, up to 100' AGL/615' MSL.
Antenna and pole 1579' from DER, 354' left of centerline, up to 35' AGL/565' MSL.
Towers beginning 1.3 NM from DER, 1429' left of centerline, up to 265' AGL/765' MSL.
**Rwy 12,** fence beginning 197' from DER, left and right of centerline, up to 8' AGL/541' MSL.
Vehicle on road beginning 243' from DER, left and right of centerline, up to 15' AGL/548' MSL.
Trees beginning 279' from DER, 132' right of centerline, up to 60' AGL/610' MSL.
Tree 857' from DER, 327' left of centerline, 100' AGL/649' MSL.
**Rwy 21,** tree 113' from DER, 499' left of centerline, 70' AGL/630' MSL.
Tower 1202' from DER, 401' left of centerline, 47' AGL/581' MSL.
Tree 2510' from DER, 911' right of centerline, 100' AGL/649' MSL.
Obstruction light on tank 4690' from DER, 1637' left of centerline, 150' AGL/691' MSL.
**Rwy 30,** vehicle on road beginning 31' from DER, 209' left of centerline, up to 15' AGL/564' MSL.
Pole 916' from DER, 407' left of centerline, 40' AGL/584' MSL.
Building 1135' from DER, 618' left of centerline, 33' AGL/584' MSL.
Tree 1689' from DER, 357' right of centerline, 100' AGL/649' MSL.
Tree 1853' from DER, 271' left of centerline, 40' AGL/582' MSL.

**BRISTOL/JOHNSON/KINGSPORT, TN**

TRI-CITIES (TRI)

TAKEOFF MINIMUMS AND (OBSTACLE)DEPARTURE PROCEDURES

AMDT 7A 09NOV17 (17313) (FAA)

DEPARTURE PROCEDURE: Use TRICITIES DEPARTURE.

**CALVERT CITY, KY**

KENTUCKY DAM STATE PARK (M34)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 30NOV23 (23334) (FAA)

TAKEOFF MINIMUMS:

**Rwy 10,** 600-2¾ or std w/min climb of 332'/NM to 1100.

**Rwy 28,** 300-1⅛ or std w/min climb of 241'/NM to 600.

DEPARTURE PROCEDURE:

**Rwy 10,** climb on heading 101° to 1000 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

**Rwy 10,** pole 123' from DER, 527' right of centerline, 377' MSL.
Trees, catenary wires beginning 189' from DER, 349' right of centerline, up to 409' MSL.
Trees beginning 211' from DER, 283' right of centerline, up to 411' MSL.
Trees beginning 281' from DER, 377' right of centerline, up to 430' MSL.
Trees beginning 456' from DER, 212' right of centerline, up to 446' MSL.
Tree 468' from DER, 30' left of centerline, 26' AGL/364' MSL.
Trees, poles beginning 646' from DER, 118' left of centerline, up to 428' MSL.
Trees beginning 765' from DER, 464' right of centerline, up to 447' MSL.
Tree 886' from DER, 539' right of centerline, 449' MSL.
Trees beginning 915' from DER, 29' right of centerline, up to 452' MSL.
Trees beginning 1483' from DER, 542' left of centerline, up to 444' MSL.
Tree 1827' from DER, 444' left of centerline, 449' MSL.
Trees beginning 1859' from DER, 324' left of centerline, up to 114' AGL/451' MSL.
Trees beginning 1900' from DER, 253' left of centerline, up to 454' MSL.
Tree, pole beginning 2067' from DER, 1' left of centerline, up to 467' MSL.
Trees beginning 2453' from DER, 114' right of centerline, up to 456' MSL.
Trees beginning 2532' from DER, 26' right of centerline, up to 460' MSL.
Trees beginning 2558' from DER, 122' right of centerline, up to 465' MSL.
Trees beginning 2630' from DER, 29' right of centerline, up to 471' MSL.
Trees beginning 2745' from DER, 11' right of centerline, up to 474' MSL.
Antennas, towers beginning 2 NM from DER, 1831' left of centerline, up to 401' AGL/875' MSL.
**Rwy 28,** trees, terrain beginning 64' from DER, 346' right of centerline, up to 400' MSL.
Traverse way, terrain beginning 159' from DER, 494' left of centerline, up to 357' MSL.
Trees beginning 219' from DER, 393' right of centerline, up to 402' MSL.
Trees, poles beginning 446' from DER, 20' right of centerline, up to 404' MSL.
Trees beginning 1064' from DER, 626' left of centerline, up to 402' MSL.
Trees beginning 1214' from DER, 558' left of centerline, up to 415' MSL.
Trees beginning 1356' from DER, 56' left of centerline, up to 420' MSL.
Trees, pole beginning 1824' from DER, 14' right of centerline, up to 405' MSL.
Tree 2041' from DER, 941' right of centerline, 415' MSL.
Tree 2109' from DER, 804' right of centerline, 422' MSL.
Trees, pole beginning 2172' from DER, 645' right of centerline, up to 436' MSL.
Trees, transmission line beginning 2327' from DER, 720' right of centerline, up to 101' AGL/438' MSL.
Trees beginning 2452' from DER, 827' right of centerline, up to 447' MSL.
Trees beginning 3006' from DER, 699' right of centerline, up to 453' MSL.
Tree 3189' from DER, 922' left of centerline, 432' MSL.
Tree 4771' from DER, 998' left of centerline, 78' AGL/471' MSL.
Tree 5421' from DER, 1537' left of centerline, 512' MSL.
Trees beginning 5496' from DER, 1555' left of centerline, up to 514' MSL.
Tree, transmission line beginning 5647' from DER, 1462' left of centerline, up to 511' MSL.

**CAMDEN, TN**

BENTON COUNTY (0M4)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 27AUG09 (09239) (FAA)

DEPARTURE PROCEDURE:

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

TAKEOFF OBSTACLE NOTES:

**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.

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22 FEB 2024 to 21 MAR 2024

**CAMPBELL AAF (KHOP)**

FORT CAMPBELL, KY

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

08MAY08 (08129)

TAKEOFF OBSTACLE NOTES:

**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.

**CAMPBELLSVILLE, KY**

TAYLOR COUNTY (AAS)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 08NOV18 (18312) (FAA)

TAKEOFF MINIMUMS:

**Rwy 5,** std. w/min. climb of 260' per NM to 2000 or 1000-2½ for VCOA.

VCOA:

**Rwy 5,** obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Taylor County Airport at or above 1800 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

**Rwy 5,** building, trees beginning 56' from DER, 398' left of centerline, up to 25' AGL/945' MSL.
Fence 208' from DER, 267' right of centerline, 9' AGL/933' MSL.
Fence 724' from DER, 329' right of centerline, 6' AGL/939' MSL.
Transmission line, poles beginning 1467' from DER, 877' right of centerline, up to 26' AGL/968' MSL.
Trees beginning 1856' from DER, 168' right of centerline, up to 81' AGL/1002' MSL.
Poles, transmission line, trees beginning 1935' from DER, 668' left of centerline, up to 36' AGL/980' MSL.
Transmission line, poles, trees beginning 2133' from DER, 258' left of centerline, up to 39' AGL/981' MSL.
Trees beginning 2248' from DER, 464' left of centerline, up to 83' AGL/1005' MSL.
Trees beginning 3256' from DER, 856' right of centerline, up to 91' AGL/1031' MSL.
Tree 3956' from DER, 1143' left of centerline, 89' AGL/1025' MSL.
**Rwy 23,** vehicles on roadway beginning 3' from DER, 427' left of centerline, up to 13' AGL/882' MSL.
Vehicles on roadway 4' from DER, 346' right of centerline, 16' AGL/883' MSL.
Transmission line, poles beginning 81' from DER, 400' right of centerline, up to 29' AGL/894' MSL.
Tree 573' from DER, 591' left of centerline, 49' AGL/909' MSL.
Tree 669' from DER, 575' left of centerline, 60' AGL/920' MSL.
Building 1094' from DER, 156' right of centerline, 39' AGL/899' MSL.
Trees, elevator beginning 1145' from DER, 248' right of centerline, up to 65' AGL/926' MSL.
Tree 2732' from DER, 738' left of centerline, 69' AGL/949' MSL.
Tree 3722' from DER, 1197' left of centerline, 112' AGL/978' MSL.
Tree 4854' from DER, 1708' left of centerline, 100' AGL/999' MSL.

**CENTERVILLE, TN**

CENTERVILLE MUNI (GHM)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 10DEC15 (15344) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 2,** vehicle on road 8' from DER, 156' left of centerline, 17' AGL/770' MSL, up sloping ground 131' from DER, 383' left of centerline, up to 785 MSL.
Building 1375' from DER, 621' right of centerline, 25' AGL/815' MSL.
Building 440' from DER, 528' left of centerline, 25' AGL/810' MSL.
Trees beginning 47' from DER, 433' right of centerline, up to 60' AGL/821' MSL.
Trees beginning 451' from DER, 346' right of centerline, up to 76' AGL/839' MSL.
Trees beginning 716' from DER, 328' right of centerline, up to 81' AGL/860' MSL.
Trees beginning 726' from DER, 540' right of centerline, up to 67' AGL/860' MSL.
Trees beginning 745' from DER, 413' left of centerline, up to 62' AGL/862' MSL.
Trees beginning 1174' from DER, 577' right of centerline, up to 85' AGL/875' MSL.
Trees beginning 1438' from DER, 844' right of centerline, up to 87' AGL/887' MSL.
Trees beginning 1955' from DER, 869' right of centerline, up to 93' AGL/893' MSL.
Trees beginning 861' from DER, left and right of centerline, up to 43' AGL/856' MSL.
Power poles beginning 1390' from DER, 61' right of centerline, 28' AGL/808' MSL.
**Rwy 20,** power pole 37' from DER, 453' left of centerline, 35' AGL/793' MSL.
Trees beginning 103' from DER, 508' left of centerline, up to 54' AGL/820' MSL.
Vehicle on road 442' from DER, 56' right of centerline, 17' AGL/777' MSL.
Vehicle on road 467' from DER, 127' left of centerline, 17' AGL/779' MSL.
Power pole 436' from DER, 286' left of centerline, 50' AGL/811' MSL.
Trees beginning 398' from DER, 402' left of centerline, up to 73' AGL/849' MSL.
Trees beginning 524' from DER, 522' right of centerline, up to 70' AGL/833' MSL.
Trees beginning 583' from DER, 321' right of centerline, up to 62' AGL/827' MSL.
Trees beginning 608' from DER, 193' right of centerline, up to 57' AGL/818' MSL.
Trees beginning 678' from DER, 567' right of centerline, up to 76' AGL/840' MSL.
Tree beginning 694' from DER, 602' right of centerline, up to 86' AGL/850' MSL.
Trees beginning 468' from DER, left and right of centerline, up to 44' AGL/839' MSL.

## CHATTANOOGA, TN

LOVELL FLD (CHA)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 12 03JAN19 (21168) (FAA)

TAKEOFF MINIMUMS:

**Rwy 15,** 300-2¼ or std. w/min. climb of 375' per NM to 1100.

**Rwy 33,** 500-3 or std. w/min. climb of 330' per NM to 1300.

DEPARTURE PROCEDURE:

**Rwy 2,** climb heading 022° to 2400 before turning.

**Rwy 15,** climb heading 150° to 1400 before turning.

**Rwy 20,** climb heading 202° to 2200 before turning.

**Rwy 33,** climbing right turn heading 020° to 2600 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

**Rwy 2**, vegetation 279' from DER, 555' left of centerline, 676' MSL.
Vehicles on road 812' from DER, 644' right of centerline, 695' MSL.
Tree 869' from DER, 600' left of centerline, 720' MSL.
Tree 918' from DER, 623' right of centerline, 718' MSL.
Trees beginning 938' from DER, 503' right of centerline, up to 733' MSL.
Trees beginning 968' from DER, 646' left of centerline, up to 731' MSL.
Trees beginning 1075' from DER, 520' left of centerline, up to 94' AGL/748' MSL.
Tree 2045' from DER, 915' right of centerline, 742' MSL.
Trees beginning 2054' from DER, 203' right of centerline, up to 748' MSL.
**Rwy 15,** pole and tank beginning 61' from DER, 410' right of centerline, up to 32' AGL/705' MSL.
Tank 164' from DER, 489' left of centerline, 687' MSL.
Poles beginning 241' from DER, 287' right of centerline, up to 713' MSL.
Tree and vehicles on road beginning 351' from DER, 181' right of centerline, up to 733' MSL.
Pole and vehicles on road beginning 376' from DER, 5' left of centerline, up to 690' MSL.
Terrain, vehicles on road, and trees beginning 424' from DER, 40' right of centerline, up to 764' MSL.
Tree and vehicles on road beginning 578' from DER, 43' left of centerline, up to 717' MSL.
Pole and trees beginning 630' from DER, 68' left of centerline, up to 739' MSL.
Tree 745' from DER, 618' right of centerline, 771' MSL.
Transmission line, vehicles on road, poles, and trees beginning 826' from DER, 14' right of centerline, up to 774' MSL.
Trees beginning 1052' from DER, 401' left of centerline, up to 755' MSL.
Pole and trees beginning 1164' from DER, 211' left of centerline, up to 758' MSL.
Pole and trees beginning 1256' from DER, 33' left of centerline, up to 764' MSL.
Trees beginning 1542' from DER, 7' left of centerline, up to 91' AGL/765' MSL.
Trees beginning 1905' from DER, 102' left of centerline, up to 766' MSL.
Signs, poles, and trees beginning 2634' from DER, 2' left of centerline, up to 770' MSL.
Pole 3005' from DER, 899' right of centerline, 798' MSL.
Pole and trees beginning 3009' from DER, 12' right of centerline, up to 130' AGL/809' MSL.
Trees beginning 3179' from DER, 836' left of centerline, up to 772' MSL.
Tree 3439' from DER, 1408' left of centerline, 781' MSL.
Trees beginning 3485' from DER, 908' left of centerline, up to 786' MSL.
Trees beginning 3572' from DER, 770' left of centerline, up to 790' MSL.
Tree 3764' from DER, 1357' left of centerline, 797' MSL.
Trees beginning 3768' from DER, 172' left of centerline, up to 810' MSL.
Trees beginning 3997' from DER, 37' left of centerline, up to 815' MSL.
Trees beginning 4268' from DER, 1446' left of centerline, up to 832' MSL.
Trees beginning 4393' from DER, 213' left of centerline, up to 864' MSL.
Trees beginning 4494' from DER, 1190' left of centerline, up to 865' MSL.
Trees beginning 4544' from DER, 371' left of centerline, up to 876' MSL.
Trees beginning 4633' from DER, 790' left of centerline, up to 891' MSL.
Trees beginning 4753' from DER, 1165' left of centerline, up to 892' MSL.
Trees beginning 4798' from DER, 445' left of centerline, up to 899' MSL.
Vehicles on road, poles, buildings, and trees beginning 4912' from DER, 124' left of centerline, up to 904' MSL.
Tree 5276' from DER, 207' right of centerline, 77' AGL/810' MSL.
Tree 5301' from DER, 185' right of centerline, 84' AGL/820' MSL.
Trees beginning 5338' from DER, 63' right of centerline, up to 82' AGL/826' MSL.
Pole, vehicles on road, buildings, and trees beginning 5455' from DER, 181' left of centerline, up to 925' MSL.
Building 1.0 NM from DER, 25' right of centerline, 831' MSL.
Poles and trees beginning 1.0 NM from DER, 4' left of centerline, up to 86' AGL/946' MSL.
Trees beginning 1.0 NM from DER, 410' right of centerline, up to 845' MSL.
Trees beginning 1.0 NM from DER, 487' right of centerline, up to 847' MSL.
Trees beginning 1.0 NM from DER, 315' right of centerline, up to 864' MSL.
Trees beginning 1.0 NM from DER, 113' right of centerline, up to 865' MSL.
Trees beginning 1.0 NM from DER, 315' right of centerline, up to 866' MSL.
Trees and poles beginning 1.0 NM from DER, 37' right of centerline, up to 869' MSL.
Trees beginning 1.1 NM from DER, 340' right of centerline, up to 877' MSL.
Tree 1.1 NM from DER, 231' right of centerline, 892' MSL.
Tree 1.1 NM from DER, 644' right of centerline, 900' MSL.
Tree 1.1 NM from DER, 440' right of centerline, 906' MSL.
Trees beginning 1.1 NM from DER, 545' right of centerline, up to 921' MSL.
Pole and trees beginning 1.1 NM from DER, 83' right of centerline, up to 936' MSL.
Trees, buildings, towers, and antennas beginning 1.1 NM from DER, 14' right of centerline, up to 88' AGL/940' MSL.
Tree 1.8 NM from DER, 1924' left of centerline, 73' AGL/957' MSL.

**CON'T**

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## CHATTANOOGA, TN (CON'T)

### LOVELL FLD (CHA) (CON'T)

**Rwy 20,** lighting 9' from DER, 55' left of centerline, 2' AGL/682' MSL.
Tree 611' from DER, 585' left of centerline, 735' MSL.
Trees beginning 816' from DER, 698' right of centerline, up to 719' MSL.
Trees beginning 1062' from DER, 688' right of centerline, up to 736' MSL.
Tree 2714' from DER, 1047' right of centerline, 758' MSL.
Trees beginning 2724' from DER, 1156' right of centerline, up to 763' MSL.
Trees beginning 2905' from DER, 791' right of centerline, up to 771' MSL.
Trees beginning 3618' from DER, 938' right of centerline, up to 118' AGL/786' MSL.
**Rwy 33,** tree, vehicles on road, and trees beginning 15' from DER, 20' left of centerline, up to 68' AGL/738' MSL.
Terrain 67' from DER, 377' right of centerline, 677' MSL.
Terrain and tree beginning 151' from DER, 324' right of centerline, up to 725' MSL.
Trees beginning 263' from DER, 431' right of centerline, up to 727' MSL.
Trees beginning 411' from DER, 9' right of centerline, up to 751' MSL.
Pole and trees beginning 1682' from DER, 25' left of centerline, up to 87' AGL/746' MSL.
Trees beginning 1928' from DER, 57' left of centerline, up to 101' AGL/749' MSL.
Trees beginning 2014' from DER, 18' left of centerline, up to 93' AGL/750' MSL.
Trees beginning 2130' from DER, 195' left of centerline, up to 106' AGL/755' MSL.
Trees beginning 2136' from DER, 54' left of centerline, up to 108' AGL/759' MSL.
Trees beginning 2256' from DER, 261' right of centerline, up to 760' MSL.
Tree 2295' from DER, 588' right of centerline, 766' MSL.
Tree 2327' from DER, 464' right of centerline, 768' MSL.
Trees beginning 2364' from DER, 219' right of centerline, up to 92' AGL/777' MSL.
Tree 2403' from DER, 622' right of centerline, 782' MSL.
Tree 2411' from DER, 389' right of centerline, 784' MSL.
Tower, poles, and trees beginning 2414' from DER, 8' right of centerline, up to 790' MSL.
Tree 2999' from DER, 127' left of centerline, 62' AGL/763' MSL.
Trees beginning 3153' from DER, 1229' left of centerline, up to 769' MSL.
Trees beginning 3254' from DER, 62' left of centerline, up to 90' AGL/781' MSL.
Trees beginning 3548' from DER, 7' right of centerline, up to 85' AGL/796' MSL.
Trees beginning 3699' from DER, 30' left of centerline, up to 100' AGL/795' MSL.
Electrical system and trees beginning 3996' from DER, 8' left of centerline, up to 119' AGL/817' MSL.
Trees beginning 4842' from DER, 51' right of centerline, up to 826' MSL.
Electrical system and trees beginning 5227' from DER, 3' right of centerline, up to 86' AGL/838' MSL.
Transmission line 5583' from DER, 15' left of centerline, 90' AGL/823' MSL.
Trees beginning 5626' from DER, 31' left of centerline, up to 836' MSL.
Trees beginning 5707' from DER, 153' left of centerline, up to 840' MSL.
Trees beginning 5902' from DER, 1339' left of centerline, up to 857' MSL.
Trees beginning 1.0 NM from DER, 2' left of centerline, up to 858' MSL.
Tree 1.1 NM from DER, 292' right of centerline, 846' MSL.
Trees beginning 1.1 NM from DER, 45' right of centerline, up to 862' MSL.
Trees beginning 1.1 NM from DER, 86' right of centerline, up to 888' MSL.
Trees beginning 1.1 NM from DER, 6' right of centerline, up to 914' MSL.
Trees beginning 1.2 NM from DER, 81' left of centerline, up to 875' MSL.
Trees beginning 1.2 NM from DER, 65' left of centerline, up to 876' MSL.
Tree 1.2 NM from DER, 915' right of centerline, 918' MSL.
Trees beginning 1.2 NM from DER, 407' right of centerline, up to 920' MSL.
Tree 1.2 NM from DER, 1149' right of centerline, 923' MSL.
Trees beginning 1.2 NM from DER, 284' right of centerline, up to 926' MSL.
Trees beginning 1.2 NM from DER, 812' right of centerline, up to 929' MSL.
Tree 1.2 NM from DER, 1412' right of centerline, 931' MSL.
Trees beginning 1.2 NM from DER, 480' right of centerline, up to 932' MSL.
Trees beginning 1.2 NM from DER, 1292' right of centerline, up to 936' MSL.
Pole and trees beginning 1.2 NM from DER, 659' right of centerline, up to 90' AGL/990' MSL.
Trees beginning 1.7 NM from DER, 1629' left of centerline, up to 974' MSL.
Trees beginning 1.9 NM from DER, 2446' left of centerline, up to 1002' MSL.
Tree 1.9 NM from DER, 3461' left of centerline, 1022' MSL.
Pole and trees beginning 2.0 NM from DER, 241' left of centerline, up to 92' AGL/1099' MSL.
Tree 2.3 NM from DER, 60' right of centerline, 84' AGL/1033' MSL.
Tree 2.5 NM from DER, 1570' left of centerline, 105' AGL/1126' MSL.
Tree 2.5 NM from DER, 1088' left of centerline, 1085' MSL.


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**CLARKSVILLE, TN**

OUTLAW FLD (CKV)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 28SEP06 (21280) (FAA)

TAKEOFF MINIMUMS:

**Rwy 35,** 300-1 or std. w/min. climb of 240' per NM to 800, alternatively, with std. takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 1900' prior to DER.

TAKEOFF OBSTACLE NOTES:

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

**CLEVELAND, TN**

CLEVELAND RGNL JETPORT (RZR)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 08NOV18 (18312) (FAA)

TAKEOFF MINIMUMS:

**Rwy 21,** 300-1¾ or std. w/min. climb of 260' per NM to 1200.

DEPARTURE PROCEDURE:

**Rwy 3,** climb heading 034° to 2200 before turning right.
**Rwy 21,** climb heading 214° to 2400 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

**Rwy 21,** tree 3009' from DER, 676' left of centerline, 920' MSL.
Tree 1.1 NM from DER, 2087' left of centerline, 1011' MSL.
Tree 1.1 NM from DER, 2321' left of centerline, 1021' MSL.
Tower 1.1 NM from DER, 65' left of centerline, 196' AGL/1054' MSL.
Tower 1.4 NM from DER, 880' right of centerline, 225' AGL/1075' MSL.

**COLUMBIA-MT. PLEASANT, TN**

MAURY COUNTY RGNL (MRC)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3A 21JUN18 (21224) (FAA)

TAKEOFF MINIMUMS:

**Rwys 17, 35,** NA-Environmental.
**Rwy 6,** 300-1½ or std. w/min. climb of 301' per NM to 1100.
**Rwy 24,** 400-2¼ or std. w/min. climb of 278' per NM to 1200.

DEPARTURE PROCEDURE:

**Rwy 24,** climb heading 235° to 1200 before turning left.

TAKEOFF OBSTACLE NOTES:

**Rwy 6**, trees beginning 1177' from DER, 591' left of centerline, up to 92' AGL/751' MSL.
Trees beginning 1123' from DER, 732' right of centerline, up to 96' AGL/745' MSL.
Poles 24' from DER, 356' left of centerline, 42' AGL/691' MSL.
Trees beginning 2716' from DER, 921' left of centerline, up to 88' AGL/757' MSL.
**Rwy 24**, trees beginning 1819' from DER, 190' right of centerline, up to 124' AGL/739' MSL.
Trees beginning 1239' from DER, 700' left of centerline, up to 104' AGL/718' MSL.
Trees beginning 1299' from DER, 217' left of centerline, up to 96' AGL/712' MSL.
Pole 21' from DER, 487' right of centerline, 23' AGL/677' MSL.
Trees beginning 1725' from DER, 10' left of centerline, up to 106' AGL/719' MSL.
Trees beginning 2607' from DER, 324' left of centerline, up to 107' AGL/735' MSL.


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**COPPERHILL, TN**

MARTIN CAMPBELL FLD (1A3)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 06OCT22 (22279) (FAA)

TAKEOFF MINIMUMS:

**Rwy 2,** std. w/min. climb of 440' per NM to 3000 or 2400-3 for VCOA.

**Rwy 20,** std. w/min. climb of 240' per NM to 4600 or 2400-3 for VCOA.

DEPARTURE PROCEDURE:

**Rwy 2,** climb on heading 019° to 4000 before proceeding on course.

**Rwy 20,** climb on heading 199° to 3700 before proceeding on course.

VCOA:

**All runways,** obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Martin Campbell Fld at or above 4000 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

**Rwy 2,** trees beginning 27' from DER, 8' left of centerline, up to 1817' MSL.
Trees beginning 65' from DER, 6'right of centerline, up to 1827' MSL.
Trees 1224' from DER, 661' right of centerline, 1840' MSL.
Trees beginning 1318' from DER, 369' right of centerline, up to 1853' MSL.
Trees beginning 1634' from DER, 128' right of centerline, up to 1860' MSL.
Trees beginning 1.9 NM from DER, 1461' left of centerline, up to 2119' MSL.
Trees beginning 1.9 NM from DER, 488' left of centerline, up to 2186' MSL.
Trees beginning 2.1 NM from DER, 5' right of centerline, up to 2301' MSL.
Tree 2.1 NM from DER, 509' left of centerline, 2253' MSL.
Trees beginning 2.1 NM from DER, 103' left of centerline, up to 2312' MSL.
**Rwy 20,** trees abeam from DER, 163' left of centerline, 1811' MSL.
Trees beginning 4' from DER, 141' right of centerline, up to 1827' MSL.
Trees beginning 8' from DER, 211' left of centerline, up to 1813' MSL.
Trees 155' from DER, 494' left of centerline, 1837' MSL.
Trees beginning 205' from DER, 175' left of centerline, up to 1842' MSL.
Trees beginning 221' from DER, 258' right of centerline, up to 1830' MSL.



**COVINGTON, KY**

CINCINNATI/NORTHERN KENTUCKY INTL (CVG)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 08APR10 (10098) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 9,** trees beginning 4562' from DER, 900' left of centerline, up to 94' AGL/1003' MSL.
Trees 3385' from DER, 1117' right of centerline, up to 59' AGL/988' MSL.
**Rwy 18C,** trees beginning 1882' from DER, 834' left of centerline, up to 75' AGL/974' MSL.
Trees 3473' from DER, 904' right of centerline, up to 70' AGL/929' MSL.
**Rwy 18R,** trees beginning 3221' from DER, 895' left of centerline, up to 85' AGL/964' MSL.
**Rwy 36C,** trees beginning 956' from DER, 613' right of centerline, up to 94' AGL/963' MSL.
**Rwy 36R,** light pole 1476' from DER, 813' left of centerline, 47' AGL/926' MSL.
Trees 1602' from DER, 754' right of centerline, up to 59' AGL/938' MSL.

**COVINGTON, TN**

COVINGTON MUNI (M04)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 03APR14 (14093) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 1,** vehicle on road 513' from DER, 13' right of centerline, up to 15' AGL/294' MSL.
**Rwy 19,** fence beginning 150' from DER, 248' right of centerline, up to 2' AGL/284' MSL.
Trees beginning 500' from DER, 60' left of centerline, up to 55' AGL/356' MSL.
Building and trees beginning 1793' from DER, 304' right of centerline, up to 60' AGL/372' MSL.

**CROSSVILLE, TN**

CROSSVILLE MEML-WHITSON FLD (CSV)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 04SEP03 (21112) (FAA)

TAKEOFF OBSTACLE NOTES:

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

**CYNTHIANA, KY**

CYNTHIANA-HARRISON COUNTY (0I8)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 13NOV14 (14317) (FAA)

TAKEOFF MINIMUMS:

**Rwy 11,** 300-1½ or std. w/ min. climb of 510' per NM to 1000.
**Rwy 29,** 300-1¼ or std. w/ min. climb of 240' per NM to 1000.

TAKEOFF OBSTACLE NOTES:

**Rwy 11,** multiple trees beginning 25' from DER, 56' left of centerline, up to 108' AGL/819' MSL.
Fence 942' from DER, 643' left of centerline, 17' AGL/767' MSL.
Multiple trees beginning 1067' from DER, along and right of course, up to 125' AGL/908' MSL.
Multiple trees beginning 1090' from DER, along and left of course, up to 114' AGL/900' MSL.
Terrain beginning 1201' from DER, 1' left of centerline, up to 837' MSL.
Multiple poles beginning 1265' from DER, 4' left of centerline, up to 67' AGL/879' MSL.
Multiple buildings beginning 1642' from DER, 3' left of centerline, up to 19' AGL/832' MSL.
Terrain beginning 1881' from DER, 4' right of centerline. up to 859' MSL.
Multiple fences beginning 1907' from DER, 26' left of centerline, up to 15' AGL/838' MSL.
Multiple fences beginning 2266' from DER, 22' right of centerline, up to 13' AGL/855' MSL.
Multiple buildings beginning 2274' from DER, 7' right of centerline, up to 33' AGL/872' MSL.
Multiple poles beginning 2331' from DER, 39' right of centerline, up to 70' AGL/897' MSL.
Vehicles on road beginning 2356' from DER, left and right of centerline, up to 15' AGL/833' MSL.
Antenna 2879' from DER, 753' right of centerline, 36' AGL/856' MSL.
**Rwy 29,** runway end lights 11' from DER, 113' right of centerline, 3' AGL/722' MSL.
Multiple trees beginning 37' from DER, 18' right of centerline, up to 85' AGL/856' MSL.
Bushes beginning 82' from DER, 201' left of centerline, up to 11' AGL/728' MSL.
Multiple buildings beginning 217' from DER, 272' right of centerline, up to 23' AGL/757' MSL.
Railroad beginning 412' from DER, crossing left and right of centerline, up to 23' AGL/780' MSL.
Multiple trees beginning 440' from DER, 12' left of centerline, up to 111' AGL/894' MSL.
Multiple poles beginning 968' from DER, 153' left of centerline, up to 35' AGL/755' MSL.
Flag pole 1409' from DER, 798' right of centerline, 51' AGL/781' MSL.
Multiple poles beginning 1453' from DER, 73' right of centerline, up to 50' AGL/771' MSL.
Multiple buildings beginning 4754' from DER, 342' left of centerline, up to 51' AGL/851' MSL.

**DANVILLE, KY**

STUART POWELL FLD (DVK)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 29DEC22 (22363) (FAA)

TAKEOFF MINIMUMS:

**Rwys 1, 19,** NA-Obstacles.
**Rwy 31,** 500-2¾ or std. w/min. climb of 290' per NM to 1600.

DEPARTURE PROCEDURE:

**Rwy 31,** climb on heading 305° to 1700 before turning left.

TAKEOFF OBSTACLE NOTES:

**Rwy 13,** trees beginning 1938' from DER, 604' left of centerline, up to 1100' MSL.
**Rwy 31,** tree 7' from DER, 376' left of centerline, 1073' MSL.
Tree, building beginning 185' from DER, 279' left of centerline, up to 1080' MSL.
NAVAID 459' from DER, 250' right of centerline, 17' AGL/1032' MSL.
Trees beginning 1543' from DER, 508' right of centerline, up to 1077' MSL.
Tree 2105' from DER, 115' right of centerline, 1081' MSL.
Tree 2.1 NM from DER, 2266' left of centerline, 1401' MSL.
Tree 2.1 NM from DER, 3345' left of centerline, 1399 MSL.

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**DAYTON, TN**

MARK ANTON (2A0)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 25AUG11 (11237) (FAA)

TAKEOFF MINIMUMS:

**Rwy 3,** 300-1¼ or std. w/min. climb of 205' per NM to 1000, or alternatively, with std. takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1200' prior to DER.

DEPARTURE PROCEDURE:

**Rwy 3,** climb heading 033° to 2100 before turning left.

**Rwy 21,** climb heading 213° to 1500 before turning right.

TAKEOFF OBSTACLE NOTES:

**Rwy 3,** vehicles on roadway beginning 106' from DER, left and right of centerline, up to 15' AGL/736' MSL.
Fence 85' from DER, 498' right of centerline, 15' AGL/726' MSL.
Bushes and trees beginning 117' from DER, left and right of centerline, up to 100' AGL/878' MSL.
**Rwy 21,** rising terrain and trees beginning 9' from DER, left and right of centerline, up to 100' AGL/821' MSL.

**DICKSON, TN**

DICKSON MUNI (M02)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 17JUN21 (21168) (FAA)

TAKEOFF MINIMUMS:

**Rwy 17,** 400-1⅛ or std. w/min. climb of 370' per NM to 1400.

TAKEOFF OBSTACLE NOTES:

**Rwy 17,** electrical system beginning 22' from DER, 401' left of centerline, up to 74' AGL/901' MSL.
Trees beginning 166' from DER, 152' right of centerline, up to 71' AGL/913' MSL.
Electrical system, vehicle on road beginning 469' from DER, 325' left of centerline, up to 34' AGL/906' MSL.
Tree 533' from DER, 324' left of centerline, 44' AGL/924' MSL.
Tree, building beginning 592' from DER, 395' left of centerline, up to 66' AGL/943' MSL.
Tree, electrical system, fence, vehicle on road beginning 718' from DER, 4' left of centerline, up to 79' AGL/957' MSL.
Tree, electrical system, building beginning 1079' from DER, 19' right of centerline, up to 41' AGL/919' MSL.
Tree, electrical system, building beginning 1175' from DER, 5' right of centerline, up to 68' AGL/957' MSL.
Tree, electrical system beginning 1298' from DER, 30' right of centerline, up to 73' AGL/967' MSL.
Tree, building, electrical system beginning 1377' from DER, 56' right of centerline, up to 72' AGL/968' MSL.
Trees beginning 1710' from DER, 293' left of centerline, up to 86' AGL/968' MSL.
Trees beginning 1815' from DER, 90' left of centerline, up to 90' AGL/969' MSL.
Trees beginning 1863' from DER, 22' left of centerline, up to 96' AGL/970' MSL.
Trees beginning 2529' from DER, 349' right of centerline, up to 105' AGL/984' MSL.
Trees beginning 2974' from DER, 217' right of centerline, up to 84' AGL/989' MSL.
Trees beginning 3068' from DER, 81' right of centerline, up to 92' AGL/994' MSL.
Trees beginning 3106' from DER, 34' left of centerline, up to 85' AGL/983' MSL.
Trees beginning 3150' from DER, 3' right of centerline, up to 86' AGL/1002' MSL.
Trees beginning 3188' from DER, 21' left of centerline, up to 92' AGL/988' MSL.
Tree 3856' from DER, 9' left of centerline, 92' AGL/992' MSL.
Trees beginning 3888' from DER, 139' left of centerline, up to 92' AGL/997' MSL.
Trees beginning 4053' from DER, 162' right of centerline, up to 104' AGL/1008' MSL.
Trees beginning 4069' from DER, 290' left of centerline, up to 89' AGL/1010' MSL.
Tree, electrical system beginning 4086' from DER, 45' left of centerline, up to 97' AGL/1021' MSL.
Tree, electrical system beginning 4208' from DER, 24' right of centerline, up to 98' AGL/1016' MSL.
Tree, electrical_system beginning 4562' from DER, 140' left of centerline, up to 80' AGL/1026 ' MSL.
Trees beginning 4578' from DER, 39' right of centerline, up to 79' AGL/1018' MSL.
Tree, electrical system beginning 4634' from DER, 273' left of centerline, up to 78' AGL/1028' MSL.
Trees beginning 4742' from DER, 8' left of centerline, up to 78' AGL/1032' MSL.
Trees beginning 4918' from DER, 12' right of centerline, up to 65' AGL/1023' MSL.
Tank, tree beginning 5055' from DER, 39' right of centerline, up to 95' AGL/1057' MSL.
Tank 1.3 NM from DER, 1975' right of centerline, 199' AGL/1137' MSL.
Antenna 1.3 NM from DER, 1994' right of centerline, 205' AGL/1147' MSL.
Tower, antenna beginning 1.3 NM from DER, 2326' right of centerline, up to 318' AGL/1256' MSL.
Tower 1.5 NM from DER, 2028' left of centerline, 300' AGL/1189' MSL.
Antenna 1.5 NM from DER, 2037' left of centerline, 290' AGL/1176' MSL.
**Rwy 35,** fence 30' from DER, 395' left of centerline, 7' AGL/901' MSL.
Tree, vehicle of road beginning 87' from DER, 139' left of centerline, up to 59' AGL/951' MSL.
Tree 503' from DER, 331' right of centerline, 75' AGL/913' MSL.
Trees beginning 553' from DER, 428' right of centerline, up to 94' AGL/923' MSL.
Trees beginning 727' from DER, 25' right of centerline, up to 96' AGL/948' MSL.
Tree, electrical system beginning 730' from DER, 518' left of centerline, up to 93' AGL/961' MSL.
Trees beginning 938' from DER, 25' left of centerline, up to 90' AGL/963' MSL.
Trees beginning 1605' from DER, 30' left of centerline, up to 87' AGL/976' MSL.
Trees beginning 1765' from DER, 166' right of centerline, up to 70' AGL/949' MSL.
Tree 1993' from DER, 625' left of centerline, 75' AGL/980' MSL.
Trees beginning 2195' from DER, 39' left of centerline, up to 80' AGL/984' MSL.
Tree 2453' from DER, 41' right of centerline, 56' AGL/959' MSL.
Trees beginning 2632' from DER, 148' left of centerline, up to 86' AGL/986' MSL.

**DYERSBURG, TN**

DYERSBURG RGNL (DYR)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 07OCT21 (21280) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 4,** trees beginning 182' from DER, 410' left of centerline, up to 400' MSL.
**Rwy 22**, tree 1395' from DER, 420' right of centerline, 361' MSL.
Trees beginning 1484' from DER, 770' left of centerline, up to 381' MSL.
Tree 1652' from DER, 674' right of centerline, 384' MSL.
Trees beginning 1793' from DER, 448' right of centerline, up to 387' MSL.

**ELIZABETHTON, TN**

ELIZABETHTON MUNI (0A9)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 16AUG18 (18228) (FAA)

TAKEOFF MINIMUMS:

**Rwy 6,** NA-obstacles.
**Rwy 24,** 600-2 w/ min climb of 415' per NM to 7000 or 3500-3 for VCOA.

DEPARTURE PROCEDURE:

**Rwy 24,** climb heading 244° to 3300 before proceeding on course.

VCOA:

**Rwy 24,** obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Elizabethton Muni Airport at or above 4900 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

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



**ELIZABETHTOWN, KY**

ADDINGTON FLD (EKX)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 08JUN06 (21168) (FAA)

DEPARTURE PROCEDURE:

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

TAKEOFF OBSTACLE NOTES:

**Rwy 5,** multiple trees beginning 1404' from DER, 466' left of centerline, up to 96' AGL/835' MSL.
**Rwy 23,** multiple trees and power lines beginning 7' from DER, 372' left of centerline, up to 100' AGL/899' MSL. Multiple trees and power lines beginning 2416' from DER, 25' right of centerline, up to 100' AGL/869' MSL.

**FALMOUTH, KY**

GENE SNYDER (K62)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 27SEP07 (07270) (FAA)

TAKEOFF MINIMUMS:

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

TAKEOFF OBSTACLE NOTES:

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

**FAYETTEVILLE, TN**

FAYETTEVILLE MUNI (FYM)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 07MAR13 (13066) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 2,** terrain 5' from DER, 495' right of centerline, 985' MSL.
Vehicles on road beginning 534' from DER, left and right of centerline, up to 15' AGL/1004' MSL.
Trees beginning 742' from DER, 26' left of centerline, up to 100' AGL/1109' MSL.
Trees beginning 987' from DER, 468' right of centerline, up to 100' AGL/1089' MSL.
**Rwy 20,** trees beginning 82' from DER, 451' right of centerline, up to 100' AGL/1059' MSL.
Trees beginning 835' from DER, 420' left of centerline, up to 100' AGL/1059' MSL.
Tree 1428' from DER, on centerline, 100' AGL/1014' MSL.
Trees beginning 1719' from DER, 55' left of centerline, up to 100' AGL/1099' MSL.

**FLEMINGSBURG, KY**

FLEMING-MASON (FGX)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 30NOV23 (23334) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 7,** trees beginning 141' from DER, 360' left of centerline, up to 931' MSL.
Trees beginning 214' from DER, 530' left of centerline, up to 932' MSL.
Trees beginning 224' from DER, 163' right of centerline, up to 67' AGL/939' MSL.
Trees beginning 304' from DER, 510' left of centerline, up to 65' AGL/938' MSL.
Trees beginning 354' from DER, 518' left of centerline, up to 68' AGL/942' MSL.
**Rwy 25,** vegetation 4' from DER, 11' right of centerline, 7' AGL/907' MSL.
Tree 6' from DER, 485' right of centerline, 909' MSL.
Vegetation 7' from DER, 5' left of centerline, 7' AGL/907' MSL.
Tree 20' from DER, 145' right of centerline, 29' AGL/914' MSL.
Trees, NAVAID beginning 103' from DER, 23' left of centerline, up to 915' MSL.
Tree 209' from DER, 539' right of centerline, 916' MSL.
Tree 354' from DER, 220' right of centerline, 917' MSL.
Tree 375' from DER, 213' right of centerline, 53' AGL/922' MSL.
Trees beginning 404' from DER, 200' right of centerline, up to 56' AGL/927' MSL.
Tree 408' from DER, 534' left of centerline, 68' AGL/925' MSL.
Trees beginning 577' from DER, 255' right of centerline, up to 51' AGL/928' MSL.

**FRANKFORT, KY**

CAPITAL CITY (FFT)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 02MAY13 (13122) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 7,** trees beginning 285' from DER, 76' right of centerline, up to 100' AGL/887' MSL.
Pole 2549' from DER, 484' right of centerline, 34' AGL/855' MSL.
Terrain beginning 25' from DER, left and right of centerline up to 837' MSL.
Trees beginning 1638' from DER, 14' left of centerline, up to 100' AGL/903' MSL.
Vehicle 946' from DER, 17' AGL/836' MSL.
**Rwy 25,** trees beginning 199' from DER, 98' right of centerline, up to 100' AGL/892' MSL.
Navaid and vehicle beginning 226' from DER, 256' right of centerline, up to 17' AGL/840' MSL.
Terrain beginning 2' from DER, left and right of centerline, 850' MSL.
Trees beginning 510' from DER, 69' left of centerline, up to 100' AGL/879' MSL.
Poles beginning 198' from DER, 527' left of centerline, up to 38' AGL/852' MSL.
Vehicle and building beginning 449' from DER, 434' left of centerline, up to 17' AGL/837' MSL.

**FULTON, KY**

FULTON (1M7)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 24MAR22 (22083) (FAA)

TAKEOFF MINIMUMS:

**Rwy 9,** 400-1¾ or std. w/min. climb of 314' per NM to 900.

TAKEOFF OBSTACLE NOTES:

**Rwy 9,** trees, vehicles on roads, pole beginning 5' from DER, on centerline, up to 91' AGL/487' MSL.
Poles, vehicles on roads beginning 38' from DER, 124' left of centerline, up to 25' AGL/423' MSL.
Tree 338' from DER, 530' left of centerline, 94' AGL/493' MSL.
Trees beginning 956' from DER, 665' left of centerline, up to 95' AGL/504' MSL.
Trees beginning 2409' from DER, 822' right of centerline, up to 88' AGL/503' MSL.
Tree 2582' from DER, 1025' right of centerline, 88' AGL/506' MSL.
Trees beginning 2648' from DER, 773' right of centerline, up to 94' AGL/513' MSL.
Trees beginning 3549' from DER, 16' left of centerline, up to 86' AGL/517' MSL.
Trees beginning 3566' from DER, 42' right of centerline, up to 85' AGL/519' MSL.
Trees beginning 4216' from DER, 1335' right of centerline, up to 104' AGL/530' MSL.
Trees beginning 4349' from DER, 1229' right of centerline, up to 109' AGL/533' MSL.
Tree 4551' from DER, 1650' right of centerline, 119' AGL/543' MSL.
Tree 4646' from DER, 1709' right of centerline, 126' AGL/549' MSL.
Antennas, towers beginning 1.3 NM from DER, 849' right of centerline, up to 327' AGL/725' MSL.
Tower 1.5 NM from DER, 846' right of centerline, 258' AGL/666' MSL.
**Rwy 27,** trees, pole beginning 261' from DER, 238' right of centerline, up to 106' AGL/464' MSL.
Trees, pole, antenna beginning 323' from DER, 247' left of centerline, up to 82' AGL/449' MSL.
Tree, antenna beginning 971' from DER, 389' left of centerline, up to 80' AGL/460' MSL.
Trees, antenna beginning 1241' from DER, 212' left of centerline, up to 84' AGL/464' MSL.
Trees beginning 2315' from DER, 76' right of centerline, up to 110' AGL/472' MSL.
Tree 3412' from DER, 1000' left of centerline, 466' MSL.
Trees beginning 3451' from DER, 866' left of centerline, up to 106' AGL/470' MSL.
Trees beginning 3480' from DER, 427' left of centerline, up to 114' AGL/471' MSL.

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





22 FEB 2024 to 21 MAR 2024

**GALLATIN, TN**

MUSIC CITY EXEC (XNX)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4B 25JAN24 (24025) (FAA)

TAKEOFF MINIMUMS:

**Rwy 35,** 300-1½ or std w/min climb of 310' per NM to 900..

DEPARTURE PROCEDURES:

**Rwy 35,** climb heading 353° to 1800 before turning left.

TAKEOFF OBSTACLE NOTES:

**Rwy 17,** trees beginning 99' from DER, left and right of centerline, up to 91' AGL/586' MSL.
Pole 537' from DER, 605' left of centerline, 34' AGL/549' MSL.
Trees beginning 940' from DER, left and right of centerline, up to 83' AGL/570' MSL.
**Rwy 35,** TL towers and poles beginning 131' from DER, left and right of centerline, up to 25' AGL/624' MSL.
Terrain beginning 171' from DER, 447' left of centerline, up to 592' MSL.
Vehicles on road beginning 199' from DER, left and right of centerline, up to 17' AGL/605' MSL.
Trees and poles beginning 923' from DER, left and right of centerline, up to 91' AGL/702' MSL.
Buildings beginning 1023' from DER, left and right of centerline, up to 26' AGL/623' MSL.
TL towers beginning 1311' from DER, 452' left of centerline, up to 97' AGL/702' MSL.
Trees and poles beginning 3251' from DER, left and right of centerline, up to 96' AGL/718' MSL.
TL towers beginning 4374' from DER, 428' left of centerline, up to 95' AGL/722' MSL.

**GEORGETOWN, KY**

GEORGETOWN-SCOTT COUNTY RGNL (27K)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 29MAR18 (18088) (FAA)

TAKEOFF OBSTACLE NOTES:

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

**GLASGOW, KY**

GLASGOW MUNI (GLW)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 28JUN12 (12180) (FAA)

TAKEOFF MINIMUMS:

**Rwy 8,** 300-1½ or std. w/ min. climb of 633' per NM to 1000.
**Rwy 26,** 300-1 or std. w/ min. climb of 297' per NM to 1000.

DEPARTURE PROCEDURE:

**Rwy 8,** climb heading 075° to 1300 before turning right.

TAKEOFF OBSTACLE NOTES:

**Rwy 8,** tree 2118' from DER, 1048' left of centerline, up to 100' AGL/889' MSL.
Tree 2336' from DER, 909' left of centerline, up to 100' AGL/869' MSL.
Terrain beginning 49' from DER, 9' left of centerline, up to 785' MSL.
Terrain beginning 183' from DER, 69' right of centerline, up to 728' MSL.
**Rwy 26,** multiple trees beginning 2098' from DER, left and right of centerline, up to 100' AGL/869' MSL.

**GODMAN AAF (KFTK)**

FORT KNOX, KY

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 07SEP23 (23250) (USA)

TAKEOFF MINIMUMS:

**Rwy 15,** std w/min climb of 290'/NM to 1200 or 300-1¼.

DEPARTURE PROCEDURE:

**Rwys 15, 18, 33, 36,** climb rwy hdg to 1200 before turning.

TAKEOFF OBSTACLE NOTES:

**Rwy 15,** trees 841' from DER, 378' left of centerline, 760' MSL.
Trees 1015' from DER, 690' left of centerline, 803' MSL.
Trees 2036' from DER, 885' right of centerline, 806' MSL.
Trees 2544' from DER, 468' left of centerline, 808' MSL.
Tank 5108' from DER, 1644' left of centerline, 130' AGL/875' MSL.
Tank 5216' from DER, 1639' left of centerline, 131' AGL/885' MSL.
**Rwy 18,** vehicle 250' from DER, 2' left of centerline, 735' MSL.
Trees 1685' from DER, on centerline, 806' MSL.
**Rwy 33,** vehicle 677' from DER, 512' left of centerline, 788' MSL.
Fence 693' from DER, 505' right of centerline, 775' MSL.
Trees 1010' from DER, 504' right of centerline, 861' MSL.
Fence 711' from DER, 515' left of centerline, 786' MSL.
Trees 2107' from DER, 27' left of centerline, 852' MSL.
Trees 3946' from DER, 1124' right of centerline, 863' MSL.
Power pole 1945' from DER, 589' left of centerline, 821' MSL.
Pylon 1946' from DER, 571' left of centerline, 59' AGL/817' MSL.
Pylon 1999' from DER, 281' left of centerline, 59' AGL/817' MSL.
Pylon 2054' from DER, 7' left of centerline, 59' AGL/814' MSL.

**CON'T**

## GODMAN AAF (KFTK) (CON'T)

FORT KNOX, KY (CON'T)

**Rwy 33 (CON'T),** pylon 2091' from DER, 223' right of centerline, 59' AGL/827' MSL.
Pylon 2116' from DER, 917' left of centerline, 59' AGL/835' MSL.
Pylon 2142' from DER, 467' right of centerline, 59' AGL/830' MSL.
Pylon 2184' from DER, 692' right of centerline, 59' AGL/837' MSL.
Pylon 2223' from DER, 917' right of centerline, 59' AGL/847' MSL.
**Rwy 36,** vehicle 252' from DER, 7' left of centerline, 10' AGL/768' MSL.
Vehicle 433' from DER, 1' right of centerline, 10' AGL/771' MSL.
Vehicle 1024' from DER, 620' left of centerline, 782' MSL.
Trees 3788' from DER, 821' left of centerline, 867' MSL.
Trees 3740' from DER, 664' left of centerline, 863' MSL.
Vehicle 663' from DER, 98' right of centerline, 777' MSL.
Rail cars 623' from DER, 2' right of centerline 23' AGL/794' MSL.
Vegetation 520' from DER, 142' right of centerline, 768' MSL.
Pylon 3311' from DER, 1173' left of centerline, 59' AGL/845' MSL.

## GREENEVILLE, TN

GREENEVILLE MUNI (GCY)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 5A 21MAY20 (20142) (FAA)

TAKEOFF MINIMUMS:

**Rwy 5,** 300-2 w/min. climb of 250' per NM to 4000, or 2700-3 for climb in visual conditions.
**Rwy 23,** 300-1 w/min. climb of 285' per NM to 4400, or std. w/min. climb of 340' per NM to 4400, or 2700-3 for climb in visual conditions.

DEPARTURE PROCEDURE:

**Rwy 5,** climb on heading 054° to 4000 before turning right.
**Rwy 23,** climb on heading 234° to 4400 before turning left.

VCOA:

**All Rwys,** obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions, to cross Greeneville Muni airport at or above 4200 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

**Rwy 5,** lighting 20' from DER, 91' left of centerline, 4' AGL/1604' MSL.
Lighting 20' from DER, 88' right of centerline, 2' AGL/1603' MSL.
Terrain, vegetation beginning 65' from DER, 304' right of centerline, up to 1633' MSL.
Tree 85' from DER, 392' left of centerline, 1617' MSL.
Trees beginning 414' from DER, 346' right of centerline, up to 1645' MSL.
Trees beginning 543' from DER, 430' right of centerline, up to 1669' MSL.
Tree 1374' from DER, 746' right of centerline, 1728' MSL.
Trees beginning 1400' from DER, 288' right of centerline, up to 112' AGL/1757' MSL.
Tree, vegetation, terrain, fence beginning 1521' from DER, 32' right of centerline, up to 1789' MSL.
Trees beginning 3257' from DER, 17' left of centerline, up to 1716' MSL.
Trees beginning 3439' from DER, 589' right of centerline, up to 113' AGL/1791' MSL.
Trees beginning 3540' from DER, 318' right of centerline, up to 1810' MSL.
Tree, terrain beginning 3700' from DER, 180' right of centerline, up to 1846' MSL.
Trees beginning 3861' from DER, 50' left of centerline, up to 1724' MSL.
Trees beginning 3917' from DER, 18' right of centerline, up to 1857' MSL.
Tree, electrical system beginning 4545' from DER, 54' right of centerline, up to 100' AGL/1875' MSL.
Tree 4783' from DER, 6' left of centerline, 1740' MSL.
Tree 5064' from DER, 39' left of centerline, 94' AGL/1775' MSL.
Tree beginning 5112' from DER, 7' right of centerline, up to 100' AGL/1889' MSL.
Trees beginning 5201' from DER, 28' left of centerline, up to 1789' MSL.
Tree 5877' from DER, 174' left of centerline, 87' AGL/1794' MSL.
Trees beginning 5977' from DER, 175' left of centerline, up to 1803' MSL.
Tree 1 NM from DER, 197' left of centerline, 1805' MSL.
Trees beginning 1 NM from DER, 213' left of centerline, up to 1808' MSL.
Tree 1.4 NM from DER, 930' right of centerline, 1889' MSL.
Tree 1.4 NM from DER, 749' right of centerline, 1889' MSL.
**Rwy 23,** tree, lighting, sign beginning 111' from DER, 29' left of centerline, up to 83' AGL/1629' MSL.
Tree 2912' from DER, 1183' left of centerline, 129' AGL/1666' MSL.
Tree 3817' from DER, 1398' right of centerline, 1698' MSL.
Trees beginning 3998' from DER, 1398' right of centerline, up to 1728' MSL.
Trees beginning 4318' from DER, 1417' right of centerline, up to 1768' MSL.
Trees beginning 4362' from DER, 1332' right of centerline, up to 1773' MSL.


22 FEB 2024 to 21 MAR 2024

**GREENVILLE, KY**

MUHLENBURG COUNTY (M21)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 31MAY12 (12152) (FAA)

TAKEOFF MINIMUMS:

**Rwy 6,** 300-1¾.

**Rwy 24,** 400-3 or std. w/min. climb of 465' per NM to 1000.

TAKEOFF OBSTACLE NOTES:

**Rwy 6,** terrain and trees beginning 246' from DER. 221' left of centerline, up to 100' AGL/539' MSL.
Terrain and trees beginning 1089' from DER, 35' right of centerline, up to 100' AGL/559' MSL.
Trees 1415' from DER, 195' right of centerline, up to 100' AGL/609' MSL.
Trees 1.1 NM from DER, 2312' left of centerline, up to 100' AGL/689' MSL.
Trees 1.4 NM from DER, 2564' left of centerline, up to 100' AGL/669' MSL.
**Rwy 24,** trees beginning 518' from DER, 363' left of centerline, up to 100' AGL/519' MSL.
Terrain and trees beginning 328' from DER, 502' right of centerline, up to 100' AGL/539' MSL.
Trees 2659' from DER, 326' left of centerline, up to 100' AGL/569' MSL.
Tower 2.4 NM from DER, 4098' left of centerline, 218' AGL/818' MSL.

**HARDINSBURG, KY**

BRECKINRIDGE COUNTY (I93)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 25APR19 (19115) (FAA)

TAKEOFF MINIMUMS:

**Rwy 28,** 300-2¼ or std. w/min. climb of 260' per NM to 1200 or alternatively, with std. takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1500' prior to DER.

DEPARTURE PROCEDURE:

**Rwy 28,** climb on heading 281° to 1200 before turning left.

TAKEOFF OBSTACLE NOTES:

**Rwy 10,** tree 222' from DER, 328' left of centerline, 54' AGL/749' MSL.
Trees beginning 352' from DER, 315' left of centerline, up to 96' AGL/775' MSL.
Tree 531' from DER, 437' right of centerline, 41' AGL/749' MSL.
**Rwy 28,** tree, pole beginning 94' from DER, 505' right of centerline, up to 65' AGL/749' MSL.
Tree 198' from DER, 361' left of centerline, 30' AGL/729' MSL.
Tree, pole beginning 502' from DER, 259' right of centerline, up to 80' AGL/750' MSL.
Trees beginning 688' from DER, 28' right of centerline, up to 89' AGL/765' MSL.
Tree 930' from DER, 738' left of centerline, 77' AGL/755' MSL.
Tree 1091' from DER, 648' left of centerline, 89' AGL/770' MSL.
Trees beginning 1111' from DER, 643' left of centerline, up to 81' AGL/772' MSL.
Trees beginning 1355' from DER, 210' right of centerline, up to 91' AGL/771' MSL.
Trees beginning 1477' from DER, 236' right of centerline, up to 97' AGL/777' MSL.
Tree 2226' from DER, 812' left of centerline, 72' AGL/775' MSL.
Tower 1.8 NM from DER, 581' left of centerline, 366' AGL/1007' MSL.

**HARLAN, KY**

TUCKER-GUTHRIE MEML (I35)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 21JUL16 (22139) (FAA)

TAKEOFF MINIMUMS:

**Rwy 8,** std. w/min. climb of 470' per NM to 4200 or 2800-3 for VCOA.
**Rwy 26,** 1000-3 w/min. climb of 430' per NM to 3000 or 2800-3 for VCOA.

DEPARTURE PROCEDURE:

**Rwy 8,** climb on heading 080° to 4200 before proceeding on course.
**Rwy 26,** climb on heading 250° to 4200 before proceeding on course.

VCOA:

**Rwys 8, 26,** obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Tucker-Guthrie Meml at or above 4200' before proceeding on course.

TAKEOFF OBSTACLE NOTES:

**Rwy 8,** trees beginning 350' from DER, 97' right of centerline, up to 100' AGL/1619' MSL.
Trees beginning 359' from DER, 126' right of centerline, up to 100' AGL/1739' MSL.
Trees beginning 1105' from DER, 308' right of centerline, up to 100' AGL/1779' MSL.
Trees beginning 1471' from DER, 369' right of centerline, up to 100' AGL/1819' MSL.
Trees beginning 3951' from DER, 826' right of centerline, up to 100' AGL/1859' MSL.
Trees beginning 1.9 NM from DER, 3003' right of centerline, up to 100' AGL/2099' MSL.
Trees beginning 2.2 NM from DER, 2674' right of centerline, up to 100' AGL/2299' MSL.
Trees beginning 2.5 NM from DER, 1549' right of centerline, up to 100' AGL/2139' MSL.
**Rwy 26,** trees beginning 113' from DER, 220' left of centerline, up to 100' AGL/1539' MSL.
Trees beginning 187' from DER, 147' right of centerline, up to 100' AGL/1619' MSL.
Trees beginning 2112' from DER, 677' right of centerline, up to 100' AGL/1739' MSL.
Trees beginning 2913' from DER, 944' right of centerline, up to 100' AGL/1819' MSL.
Tower 1.5 NM from DER, 1294' left of centerline, 343' AGL/1802' MSL.
Trees beginning 1.7 NM from DER, 3222' right of centerline, up to 100' AGL/2139' MSL.

**HARTFORD, KY**

OHIO COUNTY (JQD)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 02MAY13 (13122) (FAA)

TAKEOFF MINIMUMS:

**Rwy 3,** 500-3 or std. w/ min. climb of 257' per NM to 1200.

TAKEOFF OBSTACLE NOTES:

**Rwy 3,** trees beginning 388' from DER, 508' right of centerline, up to 100' AGL/669' MSL.
Trees beginning 1741' from DER, 890' left of centerline, up to 100' AGL/669' MSL.
Tower 2.5 NM from DER, 3516' right of centerline, 290' AGL/950' MSL.
**Rwy 21,** trees beginning 79' from DER, 294' right of centerline, up to 100' AGL/585' MSL.
Trees beginning 95' from DER, 279' left of centerline, up to 100' AGL/568' MSL.

**HAZARD, KY**

WENDELL H. FORD (CPF)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 05APR12 (12096) (FAA)

TAKEOFF MINIMUMS:

**Rwy 6 ,** 500-2¾.
**Rwy 14,** 500-2¼ w/min. climb of 291' per NM to 2300 or 1000-3 for climb in visual conditions.
**Rwy 24,** 500-2½.
**Rwy 32,** 300-2¼ or std. w/min. climb of 363' per NM to 1700.

DEPARTURE PROCEDURE:

**Rwy 6,** climb heading 065° to 1900 before proceeding on course.
**Rwy 14,** climb heading 145° to 2000 before proceeding on course, or for climb in visual conditions, cross Wendell H. Ford airport at or above 2100 before proceeding on course.
**Rwy 24,** climb heading 245° to 1900 before proceeding on course.
**Rwy 32,** climb heading 325° to 1700 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

**Rwy 6,** trees beginning 1457' from DER, left and right of centerline, up to 100' AGL/1699' MSL.
**Rwy 14,** rising terrain beginning 117' from DER, 125' right of centerline, up to 1435' MSL.
Multiple pole, fence, bushes beginning 131' from DER, 415' right of centerline, up to 80' AGL/1477' MSL.
Trees beginning 1284' from DER, left and right of centerline, up to 100' AGL/1659' MSL.
**Rwy 24,** trees beginning 13' from DER, left and right of centerline, up to 100' AGL/1739' MSL.
**Rwy 32,** multiple poles, buildings and antenna beginning 34' from DER, 471' left of centerline, up to 80' AGL/1279' MSL.
Airplane on Rwy 6/24 155' from DER, 427' right of centerline, up to 25' AGL/1264' MSL.
Multiple trees beginning 997' from DER, left and right of centerline, up to 100' AGL/1539' MSL.

**HENDERSON, KY**

HENDERSON CITY-COUNTY (EHR)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 13JAN11 (11013) (FAA)

DEPARTURE PROCEDURE:

**Rwy 9,** climb heading 089° to 1500 before turning left.

TAKEOFF OBSTACLE NOTES:

**Rwy 9,** vehicle on road 336' from DER, 365' left of centerline, 15' AGL/405' MSL.
Poles beginning 422' from DER, 355' left of centerline, up to 36' AGL/421' MSL.
Trees beginning 463' from DER, 523' left of centerline up to 88' AGL/473' MSL.
Building and equipment on building 3604' from DER, 598' MSL left of centerline, up to 102' AGL/487' MSL.
Elevator 3658' from DER, 1007' left of centerline, 137' AGL/527' MSL.
**Rwy 27,** vehicle on road 198' from DER, 437' left of centerline, 15' AGL/399' MSL.
Pole 1806' from DER, 401' right of centerline, 48' AGL/433' MSL.
Trees beginning 2343' from DER, 552' right of centerline, up to 100' AGL/489' MSL.
Trees beginning 2563' from DER, 374' left of centerline, up to 109' AGL/489' MSL.

**HOHENWALD, TN**

PAUL BRIDGES FLD (0M3)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 11MAR10 (21112) (FAA)

TAKEOFF MINIMUMS:

**Rwy 20,** 300-1¼ or std. w/min. climb of 246' per NM to 1300.

TAKEOFF OBSTACLE NOTES:

**Rwy 2,** vehicle on road, 16' from DER, 121' right of centerline, up to 17' AGL/996' MSL.
Vehicles on road 119' from DER, left and right of centerline, up to 17' AGL/996' AGL.
Trees beginning 812' from DER, left and right of centerline, up to 100' AGL/1099' MSL.
**Rwy 20,** trees beginning 655' from DER, 544' right of centerline, up to 100' AGL/1059' MSL.
Trees beginning 1682' from DER, 597' left of centerline, up to 100' AGL/1059' MSL.
Power lines, 1.2 NM from DER, left and right of centerline, up to 169' AGL/1149' MSL.

**HOPKINSVILLE, KY**

HOPKINSVILLE-CHRISTIAN COUNTY (HVC)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 06OCT22 (22279) (FAA)

TAKEOFF MINIMUMS:

**Rwy 26,** 300-1⅜ or std. w/min. climb of 275' to 900.

TAKEOFF OBSTACLE NOTES:

**Rwy 8,** terrain 53' from DER, 498' left of centerline, 568' MSL.
Tree 1192' from DER, 417' right of centerline, 58' AGL/604' MSL.
Tree 1683' from DER, 371' left of centerline, 63' AGL/622' MSL.
Trees beginning 1904' from DER, 117' left of centerline, up to 88' AGL/651' MSL.
Trees beginning 2658' from DER, 752' left of centerline, up to 93' AGL/653' MSL.
Tree 3737' from DER, 1352' left of centerline, 88' AGL/662' MSL.
Transmission line 4394' from DER, 1574' left of centerline, 87' AGL/675' MSL.
**Rwy 26,** tree, vehicle on road beginning 175' from DER, 262' left of centerline, up to 54' AGL/568' MSL.
Tree 556' from DER, 535' right of centerline, 73' AGL/613' MSL.
Trees beginning 609' from DER, 40' left of centerline, up to 105' AGL/618' MSL.
Trees, poles beginning 785' from DER, 1' right of centerline, up to 91' AGL/621' MSL.
Trees beginning 1507' from DER, 12' left of centerline, up to 116' AGL/630' MSL.
Tower, trees beginning 2255' from DER, 111' left of centerline, up to 130' AGL/670' MSL.
Antenna, tree beginning 2469' from DER, 203' left of centerline, up to 134' AGL/676' MSL.
Trees beginning 2900' from DER, 424' right of centerline, up to 70' AGL/633' MSL.
Tree 4294' from DER, 873' right of centerline, 91' AGL/645' MSL.
Tree 4463' from DER, 1421' right of centerline, 73' AGL/653' MSL.
Tree 4614' from DER, 1499' right of centerline, 81' AGL/658' MSL.
Elevator, building 1.1 NM from DER, 1436' right of centerline, 210' AGL/778' MSL.

**HUMBOLDT, TN**

HUMBOLDT MUNI (M53)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 25FEB21 (21056) (FAA)

DEPARTURE PROCEDURE:

**Rwy 4,** climb on heading 075° to 1700 before turning left.

TAKEOFF OBSTACLE NOTES:

**Rwy 4,** trees beginning 17' from DER, 275' right of centerline, up to 84' AGL/494' MSL.
Trees beginning 66' from DER, 291' left of centerline, up to 472' MSL.
Trees beginning 342' from DER, 205' left of centerline, up to 476' MSL.
Trees beginning 802' from DER, 323' left of centerline, up to 478' MSL.
Trees beginning 936' from DER, 402' left of centerline, up to 485' MSL.
Trees beginning 984' from DER, 50' left of centerline, up to 96' AGL/503' MSL.
Trees beginning 1080' from DER, 28' right of centerline, up to 91' AGL/505' MSL.
**Rwy 22,** tree 61' from DER, 234' right of centerline, 435' MSL.
Traverse way beginning 80' from DER, 245' left of centerline, up to 416' MSL.
Trees, transmission line beginning 150' from DER, 0' right of centerline, up to 91' AGL/483' MSL.
Pole 265' from DER, 297' left of centerline, 437' MSL.
Trees beginning 493' from DER, 173' left of centerline, up to 444' MSL.
Trees beginning 584' from DER, 126' left of centerline, up to 449' MSL.
Trees beginning 622' from DER, 189' left of centerline, up to 480' MSL.
Trees, transmission line beginning 850' from DER, 16' left of centerline, up to 481' MSL.

**HUNTINGDON, TN**

CARROLL COUNTY (HZD)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 13JAN11 (11013) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 1,** trees beginning 33' from DER, 4' right of centerline, up to 102' AGL/612' MSL.
Trees beginning 567' from DER, 88' left of centerline, up to 99' AGL/589' MSL.
**Rwy 19,** trees beginning 1647' from DER, 561' left of centerline to 215' right of centerline, up to 100' AGL/599' MSL.

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**JACKSBORO, TN**

COLONEL TOMMY C STINER AIRFIELD(JAU)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2A 08NOV18 (18312) (FAA)

TAKEOFF MINIMUMS:

**Rwy 23,** NA-obstacles.

**Rwy 5,** std. w/min. climb of 477' per NM to 2400, or 1600-2½ for VCOA.

DEPARTURE PROCEDURE:

**Rwy 5,** climb heading 049° to 3400 before proceeding on course.

VCOA:

**Rwy 5,** obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Colonel Tommy C Stiner Airfield at or above 2600 then proceed on VXV R-336 to 3400 before proceeding on course. Do not exceed 210 KIAS until established on VXV R-336 southeast bound.

TAKEOFF OBSTACLE NOTES:

**Rwy 5,** vegetation beginning 17' from DER, 236' right of centerline, 100' AGL/1301' MSL.
Vegetation beginning 53' from DER, 26' left of centerline, up to 100' AGL/1255' MSL.
Vegetation beginning 2342' from DER, 37' left of centerline, up to 100' AGL/1288' MSL.
Vegetation beginning 2554' from DER, 254' left of centerline, up to 100' AGL/1324' MSL.
Vegetation beginning 2671' from DER, 48' left of centerline, up to 100' AGL/1339' MSL.

**JACKSON, KY**

JULIAN CARROLL (JKL)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 22JUN17 (17173) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 1,** tree and vertical structure beginning 31' from DER, 368' right of centerline, up to 79' AGL/1426' MSL.
Trees beginning 48' from DER, 33' left of centerline, up to 78' AGL/1426' MSL.
Trees beginning 831' from DER, 504' right of centerline, up to 54' AGL/1431' MSL.
Tree 1614' from DER, 712' right of centerline, 94' AGL/1436' MSL.
**Rwy 19,** tree 79' from DER, 503' left of centerline, 111' AGL/1403' MSL.
Tree, vertical structure and fence beginning 160' from DER, 334' right of centerline, up to 103' AGL/1415' MSL.
Tree and bush beginning 170' from DER, 25' left of centerline, up to 95' AGL/1417' MSL.
Tree, fence and vertical structure beginning 241' from DER, 335' right of centerline, up to 75' AGL/1432' MSL.
Tree, fence and vertical structure beginning 320' from DER, 357' left of centerline, up to 106' AGL/1428' MSL.
Tree 438' from DER, 537' left of centerline, 93' AGL/1434' MSL.
Tree 567' from DER, 610' left of centerline, 80' AGL/1437' MSL.

**JACKSON, TN**

MC KELLAR-SIPES RGNL (MKL)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 28FEB19 (19059) (FAA)

DEPARTURE PROCEDURE:

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

TAKEOFF OBSTACLE NOTES:

**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.
Power lines 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)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 17JAN08 (08017) (FAA)

TAKEOFF OBSTACLE NOTES:

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

**JAMESTOWN, TN**

JAMESTOWN MUNI (2A1)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG–A 07OCT21 (21280) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 1,** trees beginning 1013' from DER, left and right of centerline, up to 100' AGL/1819' MSL.

**Rwy 19,** trees beginning 1392' from DER, left and right of centerline, up to 100' AGL/1819' MSL.

**JASPER, TN**

MARION COUNTY/BROWN FLD (APT)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2A 25FEB21 (21336) (FAA)

TAKEOFF MINIMUMS:

**Rwy 4,** std. w/min. climb of 460' per NM to 2600 or 2000-3 for climb in visual conditions.

**Rwy 22,** std. w/min. climb of 305' per NM to 2300.

DEPARTURE PROCEDURE:

**Rwy 22,** climb heading 230° to 2300 before turning on course.

VCOA:

**Rwy 4,** obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Marion County/ Brown Fld at or above 2500 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

**Rwy 4,** trees, vegetation beginning 163' from DER, 161' left of centerline, up to 758' MSL.
Trees, vegetation beginning 691' from DER, 9' left of centerline, up to 764' MSL.
Trees beginning 1199' from DER, 87' right of centerline, up to 683' MSL.
Tree 1478' from DER, 120' right of centerline, 700' MSL.
Tree 1586' from DER, 74' right of centerline, 708' MSL.
Trees beginning 1658' from DER, 24' right of centerline, up to 711' MSL.
Trees beginning 2386' from DER, 34' right of centerline, up to 716' MSL.
Tree 2825' from DER, 57' right of centerline, 718' MSL.

**Rwy 22,** trees, transmission line beginning 129' from DER, 3' left of centerline, up to 685' MSL.
Trees, pole beginning 151' from DER, 19' right of centerline, up to 674' MSL.
Tree 1073' from DER, 141' right of centerline, 680' MSL.
Trees beginning 1110' from DER, 177' left of centerline, up to 686' MSL.
Trees, transmission line, pole beginning 1121' from DER, 19' right of centerline, up to 682' MSL.
Trees, pole, transmission line beginning 1202' from DER, 54' left of centerline, up to 687' MSL.
Trees beginning 1539' from DER, 77' right of centerline, up to 691' MSL.
Tree 1604' from DER, 157' left of centerline, 695' MSL.
Trees beginning 1715' from DER, 199' right of centerline, up to 701' MSL.
Trees beginning 1777' from DER, 64' right of centerline, up to 709' MSL.
Tree 1983' from DER, 33' left of centerline, 708' MSL.
Tree 2053' from DER, 294' right of centerline, 716' MSL.
Tree 2061' from DER, 231' left of centerline, 712' MSL.
Tree 2077' from DER, 135' left of centerline, 715' MSL.
Trees beginning 2084' from DER, 22' left of centerline, up to 723' MSL.
Trees beginning 2087' from DER, 167' right of centerline, up to 724' MSL.
Trees beginning 2216' from DER, 10' right of centerline, up to 728' MSL.
Trees beginning 2270' from DER, 89' left of centerline, up to 729' MSL.
Tree 3580' from DER, 206' right of centerline, 731' MSL.
Tree 3646' from DER, 160' left of centerline, 753' MSL.
Tree 3658' from DER, 65' right of centerline, 740' MSL.
Tree 3659' from DER, 43' left of centerline, 757' MSL.
Tree 3677' from DER, 211' right of centerline, 746' MSL.
Trees beginning 3742' from DER, 27' right of centerline, up to 756' MSL.
Trees beginning 3769' from DER, 23' left of centerline, up to 758' MSL.



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**KNOXVILLE, TN**

KNOXVILLE DOWNTOWN ISLAND (DKX)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 5 26AUG10 (10238) (FAA)

TAKEOFF MINIMUMS:

**Rwy 8,** 400-2¼ or std. w/ min. climb of 395' per NM to 1400.

**Rwy 26,** 500-2¾ w/ min. climb of 204' per NM to 1400 or 2600-3 for climb in visual conditions.

DEPARTURE PROCEDURE:

**Rwy 8,** climb heading 085° to intercept VXV R-053 to 4100 before proceeding on course.

**Rwy 26,** climb heading 245° to intercept VXV R-275 to 3100 before proceeding on course or for climb in visual conditions cross Knoxville Downtown Island Airport at or above 3300 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

**Rwy 8,** trees beginning 31' from DER, 142' left of centerline, up to 96' AGL/871' MSL.
Trees beginning 2662' from DER, 856' right of centerline, up to 100' AGL/1219' MSL.

**Rwy 26,** trees beginning 1792' from DER, 883' right of centerline, up to 57' AGL/1056' MSL.
Trees beginning 4606' from DER, 1153' left of centerline, up to 100' AGL/1239' MSL.
Trees and buildings 1.65 NM from DER, 1241' left of centerline, up to 100' AGL/1259' MSL.
Trees and buildings beginning 1.67 NM from DER, 2666' right of centerline, up to 100' AGL/1328' MSL.

MC GHEE TYSON (TYS)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 9 12AUG21 (21224) (FAA)

DEPARTURE PROCEDURE:

**Rwys 5L/R,** climb direct VXV VORTAC then on VXV VORTAC R-053 to 4100 before proceeding on course.

**Rwys 23L/R,** climb on VXV VORTAC R-226 to 4300 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

**Rwy 5R,** terrain 53' from DER, 489' left of centerline, 967' MSL.
Poles beginning 96' from DER, 438' right of centerline, up to 45' AGL/976' MSL.

**Rwy 23L,** catenaries beginning 3690' from DER, 521' left of centerline, up to 144' AGL/1040' MSL.
Transmission line towers beginning 3885' from DER, 1003' left of centerline, up to 137' AGL/1049' MSL.

**Rwy 23R,** transmission line tower 3787' from DER, 1510' left of centerline, 117' AGL/1025' MSL.



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**LAFAYETTE, TN**

LAFAYETTE MUNI (3M7)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 09APR09 (09099) (FAA)

TAKEOFF OBSTACLE NOTES:

**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)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 09APR09 (09099) (FAA)

TAKEOFF OBSTACLE NOTES:

**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, power lines and vehicle on road 1395' from DER, on centerline, up to 100' AGL/1059' MSL.

**LEBANON, TN**

LEBANON MUNI (M54)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 29JUL10 (10210) (FAA)

TAKEOFF MINIMUMS:

**Rwys 4, 22,** NA-Obstacles.

**Rwy 19,** std. w/ min. climb of 285' per NM to 1500, or 1100-2½ for climb in visual conditions.

DEPARTURE PROCEDURE:

**Rwy 19,** for climb in visual conditions cross Lebanon Muni airport at or above 1500 MSL before proceeding on course.

TAKEOFF OBSTACLE NOTES:

**Rwy 1,** trees beginning 432' from DER, 313' right of centerline, up to 63' AGL/662' MSL.
Road 348' from DER, 166' right of centerline, 15' AGL/568' MSL.
Power pole 1174' from DER, 445' right of centerline, 38' AGL/597' MSL.
Tree 2136' from DER, 8' left of centerline, 63' AGL/612' MSL.
**Rwy 19,** trees beginning 1339' from DER, 342' right of centerline, up to 74' AGL/844' MSL.
Road 334' from DER, 206' right of centerline, 15' AGL/607' MSL.
Trees beginning 2085' from DER, 511' left of centerline, up to 68' AGL/749' MSL.

**LEITCHFIELD, KY**

LEITCHFIELD-GRAYSON CO (M20)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 25APR19 (19115) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 2,** vehicle on road, building 21' from DER, 454' right of centerline, 30' AGL/801' MSL.
Trees beginning 82' from DER, 337' left of centerline, up to 51' AGL/827' MSL.
Trees, vehicle on road, pole, terrain beginning 161' from DER, 125' right of centerline, up to 52' AGL/808' MSL.
Pole, terrain beginning 685' from DER, 129' right of centerline, up to 26' AGL/812' MSL.
Vehicle on road, terrain, building beginning 752' from DER, 202' right of centerline, up to 818' MSL.
Vehicle on road, terrain, pole, trees beginning 830' from DER, 67' right of centerline, up to 820' MSL.
**Rwy 20,** trees beginning 73' from DER, 289' right of centerline, up to 88' AGL/746' MSL.
Vegetation 204' from DER, 39' left of centerline, 23' AGL/714' MSL.
Tree 1633' from DER, 785' left of centerline, 66' AGL/752' MSL.
Tree 1686' from DER, 665' left of centerline, 75' AGL/754' MSL.
Trees beginning 1807' from DER, 524' left of centerline, up to 72' AGL/775' MSL.
Tree 1913' from DER, 854' left of centerline, 70' AGL/785' MSL.
Trees beginning 1921' from DER, 628' left of centerline, up to 88' AGL/789' MSL.
Trees beginning 2085' from DER, 758' left of centerline, up to 66' AGL/792' MSL.
Tree 2173' from DER, 263' right of centerline, 81' AGL/764' MSL.
Trees beginning 2298' from DER, 239' right of centerline, up to 82' AGL/773' MSL.
Trees beginning 2305' from DER, 825' left of centerline, up to 76' AGL/794' MSL.
Tree 2344' from DER, 1044' left of centerline, 76' AGL/812' MSL.
Trees, pole beginning 2399' from DER, 3' left of centerline, up to 79' AGL/827' MSL.
Trees beginning 2434' from DER, 138' right of centerline, up to 77' AGL/779' MSL.
Trees beginning 2587' from DER, 52' right of centerline, up to 72' AGL/790' MSL.
Tree 2884' from DER, 250' right of centerline, 60' AGL/791' MSL.
Tree 3047' from DER, 138' right of centerline, 57' AGL/796' MSL.
Trees beginning 3070' from DER, 19' right of centerline, up to 53' AGL/799' MSL.
Tree 3786' from DER, 240' right of centerline, 88' AGL/803' MSL.
Transmission line, trees beginning 3832' from DER, 82' left of centerline, up to 87' AGL/840' MSL.
Tree 4053' from DER, 430' right of centerline, 72' AGL/808' MSL.
Catenary 4393' from DER, 3' right of centerline, 90' AGL/822' MSL.

**LEWISBURG, TN**

ELLINGTON (LUG)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 26JUN14 (14177) (FAA)

TAKEOFF MINIMUMS:

**Rwy 20,** 500-2¾ or std. w/min. climb of 260' per NM to 1300.

DEPARTURE PROCEDURE:

**Rwy 20,** climb heading 201° to 1300 before turning right.

TAKEOFF OBSTACLE NOTES:

**Rwy 2,** trees and navaid beginning 5' from DER, 496' right of centerline, up to 55' AGL/765' MSL.
Navaid 8' from DER, 112' left of centerline, 10' AGL/710' MSL.
Vehicles on road beginning 353' from DER, 594' right of centerline, up to 15' AGL/727' MSL.
Trees beginning 405' from DER, 569' left of centerline, up to 43' AGL/753' MSL.
Trees beginning 2071' from DER, 321' left of centerline, up to 89' AGL/789' MSL.
Trees and tower beginning 2182' from DER, 117' right of centerline, up to 117' AGL/798' MSL.
**Rwy 20,** trees and poles beginning 38' from DER, 418' left of centerline, up to 80' AGL/790' MSL.
Sign, trees, poles, vehicles on road, windsock and buildings beginning 56' from DER, 246' right of centerline, up to 76' AGL/786' MSL.
Trees beginning 1988' from DER, 701' left of centerline, up to 76' AGL/806' MSL.
Trees beginning 1857' from DER, 466' right of centerline, up to 86' AGL/806' MSL.

**LEWISPORT, KY**

HANCOCK COUNTY/RON LEWIS FLD (KY8)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 14JUL22 (22195) (FAA)

TAKEOFF MINIMUMS:

**Rwy 5,** 300-1¼ or std. w/min. climb gradient of 430' per NM to 700.

**Rwy 23,** 400-1⅝ or std. w/min. climb gradient of 350' per NM to 900.

TAKEOFF OBSTACLE NOTES:

**Rwy 5,** traverse way, fence beginning 3' from DER, 368' left of centerline, up to 426' MSL.
Trees beginning 424' from DER, 434' left of centerline, up to 468' MSL.
Electrical system beginning 1252' from DER, 665' right of centerline, up to 29' AGL/452' MSL.
Trees beginning 1686' from DER, 696' right of centerline, up to 555' MSL.
Electrical system, tree, building, pole beginning 2000' from DER, 134' right of centerline, up to 17' AGL/471' MSL.
Tree, electrical system, building, terrain, vertical structure, fence beginning 2892' from DER, 21' right of centerline, up to 566' MSL.
Tree, terrain beginning 3418' from DER, 8' right of centerline, up to 78' AGL/510' MSL.
Tree 5002' from DER, 31' left of centerline, 541' MSL.
Trees beginning 5008' from DER, 74' right of centerline, up to 559' MSL.
Tree 1 NM from DER, 465' right of centerline, 577' MSL.
**Rwy 23,** trees beginning 65' from DER, 401' right of centerline, up to 437' MSL.
Electrical system, vehicle on road, pole beginning 388' from DER, 425' right of centerline, up to 39' AGL/443' MSL.
Pole, electrical system beginning 564' from DER, 519' left of centerline, up to 34' AGL/438' MSL.
Trees beginning 2082' from DER, 77' left of centerline, up to 60' AGL/462' MSL.
Trees beginning 2682' from DER, 114' left of centerline, up to 506' MSL.
Trees beginning 2740' from DER, 23' right of centerline, up to 489' MSL.
Trees beginning 2763' from DER, 4' left of centerline, up to 518' MSL.
Trees beginning 3249' from DER, 6' left of centerline, up to 523' MSL.
Trees beginning 3254' from DER, 5' right of centerline, up to 510' MSL.
Trees beginning 3433' from DER, 16' right of centerline, up to 510' MSL.
Trees beginning 3865' from DER, 11' right of centerline, up to 509' MSL.
Tower, antenna beginning 1.3 NM from DER, 1460' left of centerline, up to 300' AGL/770' MSL.

**LEXINGTON, KY**

BLUE GRASS (LEX)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 7 23SEP10 (10266) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 4,** trees beginning 301' from DER, 502' left of centerline, up to 100' AGL/1039' MSL.
Light 710' from DER, 657' right of centerline, 35' AGL/955' MSL.
Trees beginning 898' from DER, 501' right of centerline, up to 70' AGL/1041' MSL.
Trees beginning 1921' from DER, 520' left of centerline, up to 100' AGL/1042' MSL.
**Rwy 9,** antenna on glideslope 685' from DER, 189' right of centerline, 34' AGL/1014' MSL.
Trees beginning 1521' from DER, 905' left of centerline, up to 100' AGL/1039' MSL.
**Rwy 22,** trees beginning 6' from DER, 494' right of centerline, up to 100' AGL/999' MSL.
Trees beginning 374' from DER, 208' left of centerline, up to 100' AGL/1019' MSL.
Pole 4382' from DER, 1383' left of centerline, 110' AGL/1080' MSL.
**Rwy 27,** trees beginning 15' from DER, 453' left of centerline, up to 100' AGL/1059' MSL.
Trees beginning 456' from DER, 438' right of centerline, up to 100' AGL/1049' MSL.

**LEXINGTON-PARSONS, TN**

BEECH RIVER RGNL (PVE)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 25OCT07 (07298) (FAA)

TAKEOFF OBSTACLE NOTES:

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

**LIVINGSTON, TN**

LIVINGSTON MUNI (8A3)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 22OCT09 (09295) (FAA)

DEPARTURE PROCEDURE:

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

TAKEOFF OBSTACLE NOTES:

**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/MAGEE (LOZ)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3A 02MAY13 (21140) (FAA)

TAKEOFF MINIMUMS:

**Rwy 6,** 500-2 or std. w/min. climb of 449' per NM to 1900.

TAKEOFF OBSTACLE NOTES:

**Rwy 6,** tree 53' from DER, 319' left of centerline, 40' AGL/1218' MSL.
Pole 127' from DER, 467' left of centerline, 40' AGL/1203' MSL.
Pole 130' from DER, 336' left of centerline, 40' AGL/1207' MSL.
Trees beginning 251' from DER, 336' left of centerline, up to 60' AGL/1221' MSL.
Trees beginning 577' from DER, 337' right of centerline, up to 60' AGL/1216' MSL.
Trees beginning 608' from DER, 62' left of centerline, up to 100' AGL/1256' MSL.
Tree 1300' from DER, 700' left of centerline, 100' AGL/1264' MSL.
Tree 1418' from DER, 441' right of centerline, 80' AGL/1228' MSL.
Trees beginning 1613' from DER, 224' right of centerline, up to 100' AGL/1247' MSL.
Trees beginning 1.3 NM from DER, 444' left of centerline, up to 100' AGL/1419' MSL.
Trees beginning 1.5 NM from DER, 716' left of centerline, up to 100' AGL/1616' MSL.
Tower 1.5 NM from DER, 1371' left of centerline, 120' AGL/1659' MSL.
Trees beginning 1.5 NM from DER, 2356' right of centerline, up to 100' AGL/1476' MSL.
Trees beginning 1.6 NM from DER, 1505' right of centerline, up to 100' AGL/1644' MSL.
**Rwy 24,** trees beginning 5' from DER, 312' left of centerline, up to 60' AGL/1258' MSL.
Tree 153' from DER, 471' right of centerline, 60' AGL/1258' MSL.
Power lines beginning 160' from DER, 384' left of centerline extending 263' from DER, 536' right of centerline, up to 40' AGL/1249' MSL.
Trees beginning 351' from DER, 391' left of centerline, up to 60' AGL/1273' MSL.
Trees beginning 581' from DER, 502' right of centerline, up to 100' AGL/1288' MSL.
Trees beginning 1122' from DER, 532' left of centerline, up to 100' AGL/1279' MSL.
Trees beginning 1155' from DER, 76' left of centerline, up to 100' AGL/1275' MSL.
Trees beginning 1249' from DER, 75' right of centerline, up to 100' AGL/1263' MSL.



22 FEB 2024 to 21 MAR 2024

**LOUISVILLE, KY**

BOWMAN FLD (LOU)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4 16DEC10 (21168) (FAA)

TAKEOFF MINIMUMS:

**Rwy 33,** 300-1¾ or std. w/min. climb of 205' per NM to 900, or alternatively, with std. takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1300' prior to DER.

TAKEOFF OBSTACLE NOTES:

**Rwy 6,** trees beginning 361' from DER, 143' left of centerline, up to 96' AGL/625' MSL.
Trees beginning 372' from DER, 32' right of centerline, up to 90' AGL/619' MSL.
**Rwy 15,** trees beginning 880' from DER, 112' left of centerline, up to 69' AGL/588' MSL.
Vehicles on road and trees beginning 153' from DER, 107' right of centerline, up to 85' AGL/594' MSL.
**Rwy 24,** trees beginning 137' from DER, 77' left of centerline, up to 94' AGL/643' MSL.
Vehicles on road and trees beginning 189' from DER, 4' right of centerline, up to 84' AGL/643' MSL.
Tower 4828' from DER, 1728' right of centerline, 140' AGL/690' MSL.
**Rwy 33,** trees beginning 198' from DER, 1' left of centerline, up to 53' AGL/602' MSL.
Trees beginning 184' from DER, 264' right of centerline, up to 82' AGL/621' MSL.
Antenna on stack 1.5 NM from DER, 1421' right of centerline, 221' AGL/770' MSL.

**LOUISVILLE, KY (CON'T)**

LOUISVILLE MUHAMMAD ALI INTL (SDF)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 5A 15AUG19 (19227) (FAA)

TAKEOFF MINIMUMS:

**Rwy 17L,** std. w/min. climb of 230' per NM to 1300.

**Rwy 17R,** std. w/min. climb of 260' per NM to 1300.

TAKEOFF OBSTACLE NOTES:

**Rwy 11**, tree, sign, vehicle on road, beginning 755' from DER, 210' left of centerline, up to 35' AGL/507' MSL.
Trees, beginning 1025' from DER, 416' right of centerline, up to 65' AGL/533' MSL.
Tree 1109' from DER, 542' left of centerline, 48' AGL/520' MSL.
Trees, beginning 1127' from DER, 218' left of centerline, up to 59' AGL/532' MSL.
Trees, beginning 1454' from DER, 298' left of centerline, up to 66' AGL/538' MSL.
Trees, beginning 1468' from DER, 776' right of centerline, up to 83' AGL/551' MSL.
Trees, beginning 1558' from DER, 301' left of centerline, up to 89' AGL/561' MSL.
Trees, beginning 1674' from DER, 247' left of centerline, up to 98' AGL/571' MSL.
Tree 2427' from DER, 489' right of centerline, 85' AGL/554' MSL.
Tree 2905' from DER, 876' right of centerline, 91' AGL/556' MSL.
Trees, beginning 2948' from DER, 563' right of centerline, up to 112' AGL/578' MSL.
**Rwy 17L**, pole 327' from DER, 511' left of centerline, 32' AGL/493' MSL.
Tree, sign beginning 421' from DER, 301' left of centerline, up to 507' MSL.
NAVAID 497' from DER, 298' right of centerline, 22' AGL/485' MSL.
Pole 622' from DER, 642' right of centerline, 32' AGL/496' MSL.
Tree, pole beginning 1431' from DER, 542' left of centerline, up to 560' MSL.
**Rwy 17R**, pole 665' from DER, 334' left of centerline, 496' MSL.
Transmission line, pole beginning 747' from DER, 666' right of centerline, up to 48' AGL/505' MSL.
Transmission line 2392' from DER, 939' left of centerline, 70' AGL/531' MSL.
**Rwy 29**, terrain beginning 144' from DER, 316' left of centerline, up to 484' MSL.
NAVAID, tower, tree beginning 473 ' from DER, 72' right of centerline, up to 51' AGL/530' MSL.
Tree, pole beginning 691' from DER, 217' left of centerline, up to 41' AGL/520' MSL.
Tree, pole, transmission line beginning 1067' from DER, 87' right of centerline, up to 55' AGL/531' MSL.
Tree, stack beginning 1169' from DER, 285' left of centerline, up to 60' AGL/539' MSL.
Tree, pole, building beginning 1257' from DER, 1' left of centerline, up to 550' MSL.
Tree, pole beginning 1288' from DER, 31' right of centerline, up to 533' MSL.
Trees beginning 1779' from DER, 33' right of centerline, up to 60' AGL/534' MSL.
Trees beginning 1880' from DER, 24' right of centerline, up to 69' AGL/546' MSL.
Trees beginning 1979' from DER, 220' right of centerline, up to 82' AGL/560' MSL.
Tree 2247' from DER, 641' right of centerline, 96' AGL/574' MSL.
Trees beginning 3664' from DER, 65' left of centerline, up to 107' AGL/588' MSL.
**Rwy 35L**, electrical system 262' from DER, 262' left of centerline, 500' MSL.
Pole 274' from DER, 489' right of centerline, 36' AGL/510' MSL.
Pole 418' from DER, 451' right of centerline, 38' AGL/516' MSL.
Pole 690' from DER, 117' left of centerline, 35' AGL/509' MSL.
Pole 815' from DER, 228' right of centerline, 40' AGL/526' MSL.
Tree 915' from DER, 512' left of centerline, 524' MSL.
Pole 1245' from DER, 396' left of centerline, 40' AGL/528' MSL.
Pole 1395' from DER, 791' left of centerline, 46' AGL/538' MSL.
Tree 1600' from DER, 258' right of centerline, 545' MSL.
Tree 2547' from DER, 678' right of centerline, 560' MSL.
Roller coaster 2950' from DER, 237' right of centerline, 100' AGL/571' MSL.
**Rwy 35R**, pole 542' from DER, 457' right of centerline, 23' AGL/519' MSL.
Pole 721' from DER, 303' right of centerline, 31' AGL/522' MSL.
Tree 2272' from DER, 610' right of centerline, 562' MSL.
Tree 2403' from DER, 945' right of centerline, 580' MSL.

**MADISONVILLE, KY**

MADISONVILLE RGNL (2I0)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 14FEB08 (08045) (FAA)

TAKEOFF OBSTACLE NOTES:

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

**MADISONVILLE, TN**

MONROE COUNTY (MNV)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 25DEC03 (03359) (FAA)

DEPARTURE PROCEDURE:

**Rwy 5,** climb via runway heading and VXV VORTAC R-231 northeast bound to 3100' before turning.

**Rwy 23,** climb via runway heading and VXV VORTAC R-231 southwest bound to 2700' before turning.

TAKEOFF OBSTACLE NOTES:

**Rwy 5,** building 2340' from DER, 263' left of centerline, 88' AGL/1089' MSL.

**Rwy 23,** trees 1188' from DER, 211' left of centerline, 74' AGL/1105' MSL.

**MARION, KY**

MARION-CRITTENDEN COUNTY JAMES C JOHNSON RGNL (GDA)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 19MAY22 (22139) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 7,** fence 2' from DER, 474' left of centerline, 7' AGL/642' MSL.

Trees, fence beginning 64' from DER, 248' left of centerline, up to 72' AGL/707' MSL.

Tree 106' from DER, 507' left of centerline, 712' MSL.

Trees beginning 210' from DER, 242' left of centerline, up to 716' MSL.

Trees beginning 2741' from DER, 1029' right of centerline, up to 88' AGL/702' MSL.

Trees beginning 2846' from DER, 719' right of centerline, up to 105' AGL/705' MSL.

Tree 3861' from DER, 1071' left of centerline, 94' AGL/725' MSL.

**Rwy 25,** trees beginning 29' from DER, 190' right of centerline, up to 60' AGL/690' MSL.

Tree 405' from DER, 301' left of centerline, 32' AGL/688' MSL.

Trees, pole, transmission line, building beginning 453' from DER, 302' left of centerline, up to 58' AGL/707' MSL.

Trees beginning 705' from DER, 308' left of centerline, up to 49' AGL/708' MSL.

Trees beginning 732' from DER, 5' left of centerline, up to 711' MSL.

Trees beginning 1144' from DER, 154' right of centerline, up to 72' AGL/693' MSL.

Trees beginning 1185' from DER, 71' right of centerline, up to 77' AGL/694' MSL.

Trees beginning 1379' from DER, 75' right of centerline, up to 97' AGL/708' MSL.

Trees beginning 1445' from DER, 33' right of centerline, up to 101' AGL/713' MSL.

Tree 1808' from DER, 14' right of centerline, 95' AGL/714' MSL.

Tree 1811' from DER, 30' left of centerline, 94' AGL/718' MSL.

Trees beginning 1827' from DER, 173' left of centerline, up to 74' AGL/722' MSL.

Trees beginning 1849' from DER, 370' left of centerline, up to 73' AGL/732' MSL.

Trees beginning 1883' from DER, 178' left of centerline, up to 85' AGL/735' MSL.

Trees beginning 2279' from DER, 867' left of centerline, up to 96' AGL/739' MSL.

Trees beginning 2542' from DER, 708' left of centerline, up to 94' AGL/740' MSL.

Trees beginning 2887' from DER, 726' left of centerline, up to 95' AGL/741' MSL.

**MAYFIELD, KY**

MAYFIELD GRAVES COUNTY (M25)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 27JUN13 (13178) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 1**, poles and trees beginning 126' from DER, 324' right of centerline, up to 73' AGL/584' MSL.

Vehicles on roadway beginning 466' from DER, 454' right of centerline, up to 15' AGL/550' MSL.

Vertical structure 567' from DER, 467' right of centerline, 28' AGL/539' MSL.

Trees beginning 795' from DER, 566' right of centerline, up to 84' AGL/595' MSL.

Trees beginning 1508' from DER, left and right of centerline, up to 100' AGL/583' MSL.

**Rwy 19**, rising terrain, vehicles on roadway and poles beginning 6' from DER, 105' right of centerline, up to 38' AGL/559' MSL.

Vertical structure 384' from DER, 222' right of centerline, 10' AGL/531' MSL.

Trees, poles and buildings beginning 441' from DER, 57' left of centerline, up to 58' AGL/569' MSL.

Vertical structure 630' from DER, 88' right of centerline, 22' AGL/543' MSL.

Trees, buildings and poles beginning 613' from DER, 2' right of centerline, up to 40' AGL/599' MSL.

Vehicles on roadway beginning 630' from DER, 88' right of centerline, up to 15' AGL/543' MSL.

Trees beginning 1589' from DER, 40' left of centerline, up to 100' AGL/639' MSL.

Trees beginning 1663' from DER, 133' right of centerline, up to 86' AGL/614' MSL.



22 FEB 2024 to 21 MAR 2024

**MC MINNVILLE, TN**

WARREN COUNTY MEML (RNC)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 19MAY22 (22139) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 5,** terrain 5' from DER, 495' left of centerline, 1032' MSL.
Fence, terrain beginning 170' from DER, 451' left of centerline, up to 6' AGL/1038' MSL.
Vehicles on road 201' from DER, 507' left of centerline, 3' AGL/1048' MSL.
Tree 416' from DER, 587' left of centerline, 39' AGL/1082' MSL.
Transmission line, pole beginning 522' from DER, 553' right of centerline, up to 21' AGL/1053' MSL.
Trees, transmission line, pole beginning 539' from DER, 528' right of centerline, up to 1092' MSL.
Tree 617' from DER, 480' left of centerline, 52' AGL/1084' MSL.
Tree 689' from DER, 553' left of centerline, 68' AGL/1096' MSL.
Tree 1975' from DER, 661' right of centerline, 82' AGL/1096' MSL.
Trees beginning 2054' from DER, 615' right of centerline, up to 1104' MSL.
Trees beginning 2208' from DER, 531' right of centerline, up to 1107' MSL.
Tree 2558' from DER, 1109' left of centerline, 1099' MSL.
Tree 2639' from DER, 850' right of centerline, 1113' MSL.
Trees beginning 2645' from DER, 547' right of centerline, up to 121' AGL/1115' MSL.
Tree 2993' from DER, 398' left of centerline, 1110' MSL.
Trees beginning 3004' from DER, 284' left of centerline, up to 105' AGL/1113' MSL.
Tree 3367' from DER, 24' right of centerline, 1116' MSL.
Trees beginning 3432' from DER, 12' left of centerline, up to 1118' MSL.
Tree 3523' from DER, 844' right of centerline, 106' AGL/1123' MSL.
Trees beginning 3533' from DER, 2' right of centerline, up to 1127' MSL.
Trees beginning 3634' from DER, 1103' left of centerline, up to 101' AGL/1127' MSL.
Tree 4103' from DER, 1345' right of centerline, 98' AGL/1136' MSL.
Tree 4660' from DER, 1571' right of centerline, 109' AGL/1144' MSL.
Tree 4760' from DER, 1563' right of centerline, 1151' MSL.
**Rwy 23,** terrain, lighting beginning 1' from DER, 125' left of centerline, up to 1036' MSL.
Lighting 9' from DER, 125' right of centerline, 3' AGL/1033' MSL.
Fence, terrain beginning 150' from DER, 310' right of centerline, up to 7' AGL/1043' MSL.
Fence 198' from DER, 348' right of centerline, 11' AGL/1044' MSL.
Fence 232' from DER, 349' right of centerline, 7' AGL/1048' MSL.
Tree, building beginning 247' from DER, 263' right of centerline, up to 1049' MSL.
Fence 391' from DER, 349' right of centerline, 6' AGL/1051' MSL.
Trees beginning 551' from DER, 540' left of centerline, up to 70' AGL/1117' MSL.
Tree, terrain beginning 902' from DER, 95' right of centerline, up to 1118' MSL.
Trees, building, pole beginning 925' from DER, 495' left of centerline, up to 1133' MSL.
Tree, terrain beginning 1048' from DER, 107' right of centerline, up to 1124' MSL.
Trees, terrain, fence, building, pole, transmission line beginning 1219' from DER, 104' right of centerline, up to 1152' MSL.
Trees beginning 1600' from DER, 488' left of centerline, up to 1135' MSL.
Tree, vehicles on road, terrain beginning 1616' from DER, 424' right of centerline, up to 1155' MSL.
Trees, vehicles on road beginning 1731' from DER, 48' left of centerline, up to 1136' MSL.
Tree, transmission line, pole beginning 1748' from DER, 646' right of centerline, up to 93' AGL/1169' MSL.
Trees, vehicles on road, terrain, fence, antenna, poles, transmission line, buildings beginning 1797' from DER, 10' right of centerline, up to 1173' MSL.
Tree 2544' from DER, 614' left of centerline, 1139' MSL.
Trees, vehicles on road, poles, transmission line, buildings beginning 2560' from DER, 116' left of centerline, up to 1144 ' MSL.
Trees beginning 3101' from DER, 65' left of centerline, up to 125' AGL/1177' MSL.

**MEMPHIS, TN**

GENERAL DEWITT SPAIN (M01)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4 08MAR12 (12068) (FAA)

TAKEOFF MINIMUMS:

**Rwy 17,** std. w/min. climb of 280' per NM to 1000, or 1100-2½ for climb in visual conditions.

DEPARTURE PROCEDURE:

**Rwy 17,** climb heading 167° to 1000 before proceeding on course, or for climb in visual conditions, cross General Dewitt Spain Airport at or above 1200 before proceeding on course.
**Rwy 35,** climb heading 347° to 1000 before turning right.

TAKEOFF OBSTACLE NOTES:

**Rwy 17,** vehicles on roadway 354' from DER, 51' left and right of centerline, up to 15' AGL/239' MSL.
Trees beginning 107' from DER, 491' left of centerline, up to 100' AGL/319' MSL.
Tower 2.7 NM from DER, 3133' right of centerline, 465' AGL/735' MSL.
**Rwy 35,** trees beginning 15' from DER, 388' right of centerline, up to 100' AGL/324' MSL.
Trees beginning 1116' from DER, 17' left of centerline, up to 100' AGL/324' MSL.
Rising terrain 2268' from DER, 592' left of centerline, 285' MSL.

**MEMPHIS, TN (CON'T)**

MEMPHIS INTL (MEM)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4A 17AUG17 (17229) (FAA)

DEPARTURE PROCEDURE:

**Rwy 36C,** climb heading 360° to 700 before turning left.

TAKEOFF OBSTACLE NOTES:

**Rwy 9,** light pole 1497' from DER, 799' left of centerline, 43' AGL/342' MSL.

**Rwy 18R,** VORTAC and rod on pole beginning 3209' from DER, 1019' left of centerline, up to 43' AGL/412' MSL.

Trees 3231' from DER, 1038' right of centerline, up to 87' AGL/406' MSL.

**Rwy 27,** trees 4145' from DER, 1382' left of centerline, up to 112' AGL/361' MSL.

**Rwy 36C,** light pole 1948' from DER, 928' right of centerline, 77' AGL/336' MSL.

**MIDDLESBORO, KY**

MIDDLESBORO/BELL COUNTY (1A6)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 05JUL07 (22027) (FAA)

TAKEOFF 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.

TAKEOFF OBSTACLE NOTES:

**Rwy 10,** road and vehicle 264' from DER, on centerline, 17' AGL/1166' MSL.

Trees 52' from DER, 223' right of centerline, 100' AGL/1249' MSL.

Trees 617' from DER, 100' AGL/1249' MSL.

Tower 5066' from DER, 1033'left of centerline, 198' AGL/1335' MSL.

Trees 1 NM from DER, 1354' right of centerline, 100' AGL/1379' MSL.

Trees 1.67 NM from DER, 1900' left of centerline, 100' AGL/1599' MSL.

Numerous trees beginning 2 NM from DER, 3200' left and right of centerline, upsloping on Cumberland Mountain, up to 100' AGL/2499' MSL.

200' AAO 3.15 NM from DER, 1191' left of centerline, 200' AGL/2899' MSL.

**MILLINGTON, TN**

CHARLES W BAKER (2M8)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 25AUG11 (11237) (FAA)

DEPARTURE PROCEDURE:

**Rwy 18,** climb heading 185° to 1500 before turning left.

TAKEOFF OBSTACLE NOTES:

**Rwy 18,** trees beginning 164' from DER, 423' right of centerline, up to 100' AGL/329' MSL.

Trees beginning 1292' from DER, 496' left of centerline, up to 100' AGL/379' MSL.

Power line and poles beginning 2114' from DER, left to right of centerline, up to 105' AGL/331' MSL.

**Rwy 36,** trees beginning 173' from DER, 500' right of centerline, up to 100' AGL/368' MSL.

Trees beginning 2377' from DER, 19' left of centerline, up to 100' AGL/352' MSL.


22 FEB 2024 to 21 MAR 2024

**MILLINGTON, TN (CON'T)**

MILLINGTON/MEMPHIS (NQA)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-B 13SEP18 (21336) (FAA)

TAKEOFF MINIMUMS:

**Rwy 4,** 300-1¼ or std. w/min. climb of 245' per NM to 600, or alternatively with std. takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 2000' prior to DER.

TAKEOFF OBSTACLE NOTES:

**Rwy 4,** tree 62' from DER, 339' left of centerline, 365' MSL.
Trees beginning 79' from DER, 487' left of centerline, up to 382' MSL.
Terrain 97' from DER, 326' right of centerline, 323' MSL.
Terrain 290' from DER, 501' right of centerline, 328' MSL.
Fence beginning 318' from DER, 488' right of centerline, up to 7' AGL/336' MSL.
Tree 587' from DER, 591' right of centerline, 368' MSL.
Tree 1967' from DER, 119' right of centerline, 370' MSL.
Tree 2198' from DER, 319' right of centerline, 376' MSL.
Tree 2242' from DER, 924' left of centerline, 409' MSL.
Tree 2354' from DER, 865' right of centerline, 410' MSL.
Trees beginning 2382' from DER, 910' right of centerline, up to 428' MSL.
Trees beginning 2408' from DER, 952' left of centerline, up to 422' MSL.
Trees beginning 2670' from DER, 1202' right of centerline, up to 431' MSL.
Trees beginning 3274' from DER, 268' right of centerline, up to 444' MSL.
Trees beginning 3664' from DER, 1121' left of centerline, up to 426' MSL.
Tree 3867' from DER, 1021' left of centerline, 428' MSL.
Trees beginning 3920' from DER, 802' left of centerline, up to 433' MSL.
Trees beginning 4022' from DER, 254' left of centerline, up to 434' MSL.
Trees beginning 4191' from DER, 132' left of centerline, up to 448' MSL.
Trees beginning 4194' from DER, 105' right of centerline, up to 455' MSL.
Trees beginning 4255' from DER, 19' left of centerline, up to 457' MSL.
Trees beginning 4293' from DER, 81' right of centerline, up to 456' MSL.
Trees beginning 4511' from DER, 357' right of centerline, up to 459' MSL.
Trees beginning 4751' from DER, 585' right of centerline, up to 471' MSL.
Tree 5332' from DER, 1693' left of centerline, 465' MSL.
Trees beginning 5356' from DER, 1675' left of centerline, up to 470' MSL.
Tree 5476' from DER, 1873' left of centerline, 484' MSL.
Trees beginning 5606' from DER, 1822' left of centerline, up to 489' MSL.
Tree 5891' from DER, 1798' left of centerline, 474' MSL.
**Rwy 22,** terrain 44' from DER, 484' left of centerline, 278' MSL.
Tree 197' from DER, 497' left of centerline, 289' MSL.
Trees beginning 1368' from DER, 291' right of centerline, up to 335' MSL.
Trees beginning 3439' from DER, 1257' right of centerline, up to 371' MSL.
Tree 3835' from DER, 670' right of centerline, 374' MSL.



**MONTICELLO, KY**

WAYNE COUNTY (EKQ)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 03MAY12 (12124) (FAA)

TAKEOFF MINIMUMS:

**Rwy 3,** 300-1¼.
**Rwy 21,** std. w/min. climb of 275' per NM to 1900 or 1400-3 for climb in visual conditions.

DEPARTURE PROCEDURE:

**Rwy 3,** climb heading 039° to 1700 before proceeding on course.
**Rwy 21,** climb heading 219° to 2000 before proceeding on course or for climb in visual conditions, cross Wayne County airport at or above 2200 before proceeding on course. When executing VCOA, notify ATC prior to departure.

TAKEOFF OBSTACLE NOTES:

**Rwy 3,** trees beginning 1292' from DER, 533' right of centerline, up to 100' AGL/1139' MSL.
Trees beginning 1459' from DER, 16' left of centerline, up to 100' AGL/1179' MSL.
Vehicles on roadway beginning 1402' from DER, 329' right of centerline, up to 17' AGL/1096' MSL.
**Rwy 21,** vehicles on roadway beginning 570' from DER, 469' left of centerline, up to 17' AGL/996' MSL.
Trees beginning 932' from DER, 285' right of centerline, up to 100' AGL/1059' MSL.
Trees beginning 1254' from DER, 200' left of centerline, up to 100' AGL/1059' MSL.

**MOREHEAD, KY**

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

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 18SEP14 (14261) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 2,** trees 777' from DER, 494' left of centerline, up to 77' AGL/1096' MSL.
Trees beginning 5041' from DER, 1228' right of centerline, 100' AGL/1139' MSL.
**Rwy 20,** vehicles on roadway, beginning 7' from DER, left and right of centerline, up to 15' AGL/1054' MSL.
Trees 432' from DER, 534' right of centerline, up to 75' AGL/1054' MSL.
Trees 1595' from DER, 716' left of centerline, up to 71' AGL/1090' MSL.
Trees beginning 3093' from DER, 954' right of centerline, up to 100' AGL/1159' MSL.
Tree 5021' from DER, 1767' right of centerline, 100' AGL/1179' MSL.

**MORRISTOWN, TN**

MOORE-MURRELL (MOR)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 6A 25FEB21 (21056) (FAA)

TAKEOFF MINIMUMS:

**Rwy 5,** std. w/ min. climb of 375' per NM to 3700, or 1200-3 for VCOA.

DEPARTURE PROCEDURE:

**Rwy 5,** for climb in visual conditions cross Moore-Murrell Airport at or above 2200 then via VXV VORTAC R-060 inbound to 4000 before proceeding on course.

**Rwy 23,** climb heading 233° and VXV VORTAC R-060 inbound to 4000 before proceeding on course.

VCOA:

**Rwy 5,** obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Moore-Murrell Airport at or above 2400 then on VXV VORTAC R-060 inbound to 4000 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

**Rwy 5,** pole 2187' from DER, 517' right of centerline, up to 16' AGL/1356' MSL.
Vehicle on road 2019' from DER, 1018' left of centerline, up to 17' AGL/1337' MSL.
Windsock 66' from DER, 189' left of centerline, up to 8' AGL/1282' MSL.
Railroad at DER, 295' right of centerline, up to 15' AGL/1288' MSL.
Trees beginning 1065' from DER, 464' left of centerline, up to 54' AGL/1414' MSL.
Trees beginning 191' from DER, 274' right of centerline, up to 51' AGL/1311' MSL.
**Rwy 23,** pole 1442' from DER, 451' right of centerline, up to 54' AGL/1367' MSL.
Vehicle on road 23' from DER, 337' left of centerline, up to 17' AGL/1367' MSL.
Vehicle on road 1246' from DER, 113' right of centerline, up to 17' AGL/1369' MSL.
Trees beginning 1774' from DER, 753' right of centerline, up to 100' AGL/1460' MSL.
Buildings 1583' from DER, 690' right of centerline, up to 30' AGL/1370' MSL.

**MOUNT STERLING, KY**

MOUNT STERLING/MONTGOMERY COUNTY (IOB)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 08APR10 (22027) (FAA)

TAKEOFF MINIMUMS:

**Rwy 3,** 500-3 or std. w/min. climb of 225' per NM to 1600.

TAKEOFF OBSTACLE NOTES:

**Rwy 3,** tower 2.6 NM from DER, 1674' right of centerline, 415' AGL/1425' MSL.
Trees beginning 33' from DER, 494' left of centerline, up to 100' AGL/1029' MSL.
Trees beginning 271' from DER, 568' right of centerline, up to 100' AGL/1019' MSL.
**Rwy 21,** trees beginning at DER, 289' left of centerline, up to 100' AGL/1149' MSL.
Trees beginning 301' from DER, 380' right of centerline, up to 100' AGL/1109' MSL.

**MOUNTAIN CITY, TN**

JOHNSON COUNTY (6A4)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 25FEB21 (21056) (FAA)

TAKEOFF MINIMUMS:

**Rwys 6, 24,** 3500-3 for VCOA.

VCOA:

**All Rwys,** obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Johnson County Airport at or above 5600 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

**Rwy 6,** trees 36' from DER, 304' right of centerline, 100' AGL/2330' MSL.
Vehicles on road 854' from DER, 668'right of centerline, up to 15' AGL/2374' MSL.
Trees 1544' from DER, 851' left of centerline, 100' AGL/2341' MSL.
Trees, tower beginning 1806' from DER, 347' right of centerline, up to 100' AGL/2480' MSL.
**Rwy 24,** vehicles on road 44' from DER, 239' left of centerline, up to 15' AGL/2256' MSL.
Trees, vehicles on road beginning 145' from DER, 319' left of centerline, up to 100' AGL/2341' MSL.
Trees beginning 646' from DER, 168' right of centerline, up to 100' AGL/2341' MSL.

**MURFREESBORO, TN**

MURFREESBORO MUNI (MBT)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4 29MAR18 (18088) (FAA)

TAKEOFF MINIMUMS:

**Rwy 18,** 400-2½, or std. w/ min. climb of 205' per NM to 1000.

DEPARTURE PROCEDURE:

**Rwy 18,** climb heading 184° to 1300 before turning right.

TAKEOFF OBSTACLE NOTES:

**Rwy 18,** trees and building beginning 194' from DER, 113' left of centerline, up to 661' MSL.
Trees beginning 1487' from DER, 140' right and 1084' left of centerline, up to 688' MSL.
Tower 1.9 NM from DER, 3202' right of centerline, 335' AGL/917' MSL.
**Rwy 36,** trees beginning 357' from DER, 100' right of centerline, up to 654' MSL.
Poles beginning 637' from DER, 488' left of centerline, up to 72' AGL/674' MSL.



22 FEB 2024 to 21 MAR 2024

**MURRAY, KY**

KYLE-OAKLEY FLD (CEY)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4 15DEC11 (22139) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 5,** trees and pole beginning 665' from DER, 473' right of centerline, up to 100' AGL/679' MSL.
Trees beginning 951' from DER, 346' left of centerline, up to 110' AGL/679' MSL.
**Rwy 23,** tree 16' from DER, 407' right of centerline, 69' AGL/660' MSL.
Trees beginning 144' from DER, 417' left of centerline, up to 85' AGL/689' MSL.

**NASHVILLE, TN**

JOHN C TUNE (JWN)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 15OCT15 (15288) (FAA)

TAKEOFF MINIMUMS:

**Rwy 2,** std. w/min. climb of 207' per NM to 1500, or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, departure must occur no later than 1900' prior to DER.

DEPARTURE PROCEDURE:

**Rwy 2,** climb heading 018° to 2300 before turning right.
**Rwy 20,** climb heading 198° to 2400 before proceeding on course.

VCOA:

**Rwy 2,** obtain ATC approval for climb in visual conditions when requesting IFR clearance. Climb in visual conditions to Cross John C Tune Airport at or above 2300 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

**Rwy 2,** rising terrain beginning 454' from DER, from 492' left of centerline to 233' right of centerline, up to 539' MSL.
Trees beginning 838' from DER, from 633' right of centerline, up to 68' AGL/548' MSL.
Trees beginning 1326' from DER, from 693' left of centerline, up to 56' AGL/556' MSL.
Trees beginning 1607' from DER, from 627' left of centerline, up to 86' AGL/565' MSL.
Trees beginning, 1918' from DER, from 554' left of centerline, up to 86' AGL/574' MSL.
**Rwy 20,** runway end lights beginning 10' from DER, 10' right of centerline and 11' left of centerline, 3' AGL/459' MSL.
Trees beginning 1145' from DER, from 490' left of centerline, up to 62' AGL/502' MSL.
Trees beginning 1655' from DER, left and right of centerline, up to 88' AGL/508' MSL.
Transmission towers beginning 2983' from DER, from 746' left of centerline, up to 144' AGL/550' MSL.

NASHVILLE INTL (BNA)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 8 15NOV12 (12320) (FAA)

TAKEOFF MINIMUMS:

**Rwy 31,** std. w/ min. climb of 240' per NM to 2600.

DEPARTURE PROCEDURE:

**Rwy 20L,** climb heading 201° to 1400 before turning right.
**Rwys 20C, 20R** climb heading 201° to 1800 before turning right.

TAKEOFF OBSTACLE NOTES:

**Rwy 2L,** trees beginning 203' from DER, 489' right of centerline, up to 60' AGL/576' MSL.
**Rwy 13,** blast fence obstruction light 335' from DER, 64' left of centerline, 6' AGL/595' MSL.
Trees beginning 2852' from DER, 28' right of centerline, up to 60' AGL/685' MSL.
Pole 3761' from DER, 726' right of centerline, 60' AGL/689' MSL.
**Rwy 20C,** trees beginning 2089' from DER, 934' right of centerline, up to 60' AGL/623' MSL.
**Rwy 20L,** trees beginning 1844' from DER, 720 left of centerline, up to 60' AGL/639' MSL.
**Rwy 20R,** flagpole 1298' from DER, 777' right of centerline, 37' AGL/636' MSL.
Building 2183' from DER, 1083' right of centerline, 91' AGL/680' MSL.
**Rwy 31,** ground 2' from DER, 498' left of centerline, 541' MSL.
LOC obstruction light 303' from DER, on centerline, 48' AGL/547' MSL.
Blast fence obstruction light 382' from DER, 50' left of centerline, 30' AGL/569' MSL.
Trees beginning 789' from DER, 331' right of centerline, up to 60' AGL/602' MSL.
Pole 1012' from DER, 429' left of centerline, 29' AGL/578' MSL.
Transmission tower 1882' from DER, 219' right of centerline, 61' AGL/610' MSL.
Pole 2037' from DER, 422' right of centerline, 47' AGL/596' MSL.
Transmission tower 2778' from DER, 83' left of centerline, 91' AGL/630' MSL.

**ONEIDA, TN**

SCOTT MUNI (SCX)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 03OCT02 (02276) (FAA)

TAKEOFF OBSTACLE NOTES:

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

22 FEB 2024 to 21 MAR 2024

**OWENSBORO, KY**

OWENSBORO/DAVIESS COUNTY RGNL (OWB)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 5B 25FEB21 (22027) (FAA)

TAKEOFF MINIMUMS:

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

DEPARTURE PROCEDURE:

**Rwy 36**, climb heading 002° to 1000 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

**Rwy 6**, building, pole beginning 288' from DER, 455' left of centerline, up to 444' MSL.
Tree 1489' from DER, 428' right of centerline, 448' MSL.
Trees beginning 1546' from DER, 463' right of centerline, up to 454' MSL.
Pole beginning 1835' from DER, 204' left of centerline, up to 45' AGL/452' MSL.
Pole 1863' from DER, 412' left of centerline, 49' AGL/457' MSL.
Trees beginning 1898' from DER, 350' left of centerline, up to 461' MSL.
Tree 2130' from DER, 700' right of centerline, 53' AGL/458' MSL.
Tree 2191' from DER, 533' left of centerline, 57' AGL/465' MSL.
Trees beginning 2282' from DER, 482' left of centerline, up to 468' MSL.
Tree 2364' from DER, 642' left of centerline, 474' MSL.
Spire 2403' from DER, 894' left of centerline, 85' AGL/491' MSL.
Tree 2498' from DER, 494' right of centerline, 468' MSL.
Tree 2654' from DER, 628' right of centerline, 64' AGL/470' MSL.
Tree 2714' from DER, 599' right of centerline, 471' MSL.
**Rwy 18,** terrain 224' from DER, 555' right of centerline, 403' MSL.
**Rwy 24,** trees beginning 1281' from DER, 726' right of centerline, up to 79' AGL/479' MSL.
Trees beginning 2223' from DER, 82' right of centerline, up to 482' MSL.
Tree 2589' from DER, 963' left of centerline, 71' AGL/471' MSL.
Tree 2952' from DER, 1290' left of centerline, 86' AGL/485' MSL.
**Rwy 36,** tank, building beginning 395' from DER, 544' left of centerline, up to 19' AGL/433' MSL.
Trees beginning 478' from DER, 500' right of centerline, up to 435' MSL.
Tree 940' from DER, 496' left of centerline, 443' MSL.
Tree 1035' from DER, 502' right of centerline, 439' MSL.

**PADUCAH, KY**

BARKLEY RGNL (PAH)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4 25FEB21 (21056) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 5,** tree 75' from DER, 299' left of centerline, 14' AGL/389' MSL.
Vegetation 131' from DER, 247' left of centerline, 395' MSL.
Trees, beginning 289' from DER, 475' left of centerline, up to 74' AGL/449' MSL.
Tree 696' from DER, 590' right of centerline, 427' MSL.
Trees, pole, electrical system, beginning 938' from DER, 2' right of centerline, up to 86' AGL/469' MSL.
Tree 1702' from DER, 489' left of centerline, 452' MSL.
Trees, beginning 1894' from DER, 441' left of centerline, up to 96' AGL/463' MSL.
Trees, beginning 2014' from DER, 4' left of centerline, up to 104' AGL/470' MSL.
Tree 3508' from DER, 883' right of centerline, 102' AGL/474' MSL.
**Rwy 14,** terrain 3' from DER, 497' right of centerline, 413' MSL.
Tree 142' from DER, 287' right of centerline, 13' AGL/420' MSL.
Tree 223' from DER, 271' right of centerline, 23' AGL/427' MSL.
Tree 1000' from DER, 205' right of centerline, 57' AGL/437' MSL.
Tree 1104' from DER, 396' right of centerline, 83' AGL/462' MSL.
Trees beginning 1143' from DER, 14' right of centerline, up to 89' AGL/469' MSL.
Tree 1160' from DER, 413' left of centerline, 101' AGL/481' MSL.
Trees beginning 1245' from DER, 63' left of centerline, up to 99' AGL/483' MSL.
Trees beginning 1665' from DER, 50' right of centerline, up to 69' AGL/471' MSL.
Trees beginning 1740' from DER, 13' right of centerline, up to 87' AGL/489' MSL.
Trees beginning 1933' from DER, 56' left of centerline, up to 99' AGL/491' MSL.
Trees beginning 1947' from DER, 4' left of centerline, up to 90' AGL/495' MSL.
Trees beginning 2483' from DER, 276' right of centerline, up to 69' AGL/504' MSL.
Tree 2559' from DER, 1068' right of centerline, 78' AGL/514' MSL.
Trees beginning 2837' from DER, 36' left of centerline, up to 89' AGL/498' MSL.
Trees beginning 2873' from DER, 265' right of centerline, up to 91' AGL/536' MSL.
Trees beginning 2966' from DER, 120' left of centerline, up to 92' AGL/504' MSL.
Trees beginning 3024' from DER, 11' left of centerline, up to 94' AGL/506' MSL.
Trees beginning 3041' from DER, 67' left of centerline, up to 93' AGL/510' MSL.
Trees beginning 3367' from DER, 178' right of centerline, up to 101' AGL/544' MSL.
Trees beginning 3818' from DER, 498' left of centerline, up to 93' AGL/519' MSL.
Tree 3987' from DER, 642' left of centerline, 91' AGL/520' MSL.
Trees beginning 5038' from DER, 962' right of centerline, up to 113' AGL/553' MSL.
**CON'T**

**PADUCAH, KY (CON'T)**

BARKLEY RGNL (PAH) (CON'T)

**Rwy 23,** vegetation 3' from DER, 423' right of centerline, 17' AGL/426' MSL.
Trees beginning 24' from DER, 408' right of centerline, up to 43' AGL/445' MSL.
Tree 442' from DER, 570' right of centerline, 33' AGL/452' MSL.
Tree 572' from DER, 629' left of centerline, 467' MSL.
Tree 576' from DER, 602' right of centerline, 32' AGL/457' MSL.
Trees beginning 971' from DER, 582' left of centerline, up to 73' AGL/483' MSL.
Tree, traverses ways beginning 975' from DER, 651' right of centerline, up to 53' AGL/466' MSL.
Trees beginning 1414' from DER, 812' right of centerline, up to 56' AGL/494' MSL.
Trees beginning 2629' from DER, 963' left of centerline, up to 95' AGL/513' MSL.
Tree 2970' from DER, 1263' left of centerline, 93' AGL/514' MSL.
Trees beginning 3940' from DER, 359' left of centerline, up to 67' AGL/517' MSL.
Tree 4238' from DER, 216' left of centerline, 56' AGL/518' MSL.
Trees beginning 4363' from DER, 416' left of centerline, up to 82' AGL/528' MSL.
**Rwy 32,** terrain 18' from DER, 452' left of centerline, 393' MSL.
Tree 217' from DER, 386' right of centerline, 28' AGL/416' MSL.
Tree 376' from DER, 533' right of centerline, 458' MSL.
Trees, pole beginning 378' from DER, 380' right of centerline, up to 83' AGL/460' MSL.
Tree 507' from DER, 363' left of centerline, 30' AGL/422' MSL.
Tree, pole beginning 611' from DER, 23' right of centerline, up to 82' AGL/463' MSL.
Tree 812' from DER, 326' left of centerline, 46' AGL/432' MSL.
Tree 886' from DER, 477' left of centerline, 65' AGL/437' MSL.
Trees beginning 1066' from DER, 226' left of centerline, up to 71' AGL/444' MSL.
Trees beginning 1605' from DER, 5' left of centerline, up to 97' AGL/459' MSL.
Trees beginning 1976' from DER, 442' right of centerline, up to 89' AGL/467' MSL.
Trees beginning 2289' from DER, 475' right of centerline, up to 104' AGL/471' MSL.
Tree 2519' from DER, 14' left of centerline, 88' AGL/460' MSL.
Trees beginning 2532' from DER, 6' left of centerline, up to 87' AGL/464' MSL.
Tree 2687' from DER, 1041' right of centerline, 102' AGL/482' MSL.
Trees beginning 2689' from DER, 531' left of centerline, up to 90' AGL/468' MSL.
Tree 2999' from DER, 174' left of centerline, 103' AGL/469' MSL.
Trees beginning 3022' from DER, 113' right of centerline, up to 132' AGL/487' MSL.
Trees beginning 3187' from DER, 356' right of centerline, up to 143' AGL/497' MSL.

**PARIS, TN**

HENRY COUNTY (PHT)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 11MAR10 (10070) (FAA)

TAKEOFF OBSTACLE NOTES:
**Rwy 2,** vehicle on road 772' from DER, 93' right of centerline, up to 15' AGL/589' MSL.
Trees beginning 1232' from DER, 258' left of centerline, up to 100' AGL/669' MSL.
**Rwy 20,** tree 2808' from DER, 630' right of centerline, 80' AGL/651' MSL.
Rising terrain beginning 274' from DER, 388' left of centerline, 604' MSL.

**PIKEVILLE, KY**

PIKE COUNTY/HATCHER FLD (PBX)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 07MAY09 (21336) (FAA)

TAKEOFF 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 Fld airport at or above 2300 before proceeding on course.
TAKEOFF OBSTACLE NOTES:
**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.

**PINE KNOT, KY**

MC CREARY COUNTY (18I)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 13NOV14 (14317) (FAA)

DEPARTURE PROCEDURE:
**Rwy 4,** climb heading 040° to 1900 before turning right.
**Rwy 22,** climb heading 220° to 2000 before turning left.
TAKEOFF OBSTACLE NOTES:
**Rwy 4,** trees beginning 73' from DER, 15' left of centerline, 218' right of centerline, up to 100' AGL/1439' MSL.
**Rwy 22,** trees beginning 473' from DER, 189' left of centerline, 380' right of centerline, up to 100' AGL/1499' MSL.


22 FEB 2024 to 21 MAR 2024

**PORTLAND, TN**

DOUGLAS HUNTER FLD (1M5)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 02AUG07 (23054) (FAA)

TAKEOFF OBSTACLE NOTES:

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

**PRESTONSBURG, KY**

BIG SANDY RGNL (SJS)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 30NOV23 (23334) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 3**, sign, light poles beginning 22' from DER, 89' left of centerline, up to 2' AGL/1222' MSL.
Tree 30' from DER,153' right of centerline, 1223' MSL.
Trees beginning 145' from DER, 400' left of centerline, up to 1263' MSL.
**Rwy 21,** tree 52' from DER, 369' left of centerline, 1173' MSL.
Trees beginning 68' from DER, 36' left of centerline, up to 1203' MSL.
Trees, pole, transmission line beginning 197' from DER, 136' right of centerline, up to 1226' MSL.
Trees beginning 1019' from DER, 205' left of centerline, up to 1219' MSL.
Tree 1203' from DER, 716' left of centerline, 1230' MSL.
Trees beginning 1243' from DER, 433' left of centerline, up to 1235' MSL.
Trees, transmission lines, terrain, poles, vehicles on roadway, utility building, electrical systems beginning 1316' from DER, 6' left of centerline, up to 1261' MSL.
Tree 1370' from DER, 84' right of centerline, 1228' MSL.
Pole, trees beginning 1393' from DER, 170' right of centerline, up to 41' AGL/1247' MSL.
Poles, vehicles on roadway, trees, terrain, utility building beginning 1527' from DER, 11' right of centerline, up to 38' AGL/1252' MSL.
Pole 2085' from DER, 74' right of centerline, 31' AGL/1259' MSL.
Transmission lines, trees, electrical system, pole beginning 2127' from DER, 98' right of centerline, up to 56' AGL/1262' MSL.
Trees, electrical system beginning 2294' from DER, 53' right of centerline, up to 1269' MSL.
Electrical system 2591' from DER, 724' left of centerline, 49' AGL/1271' MSL.
Electrical system 2631' from DER, 560' left of centerline, 52' AGL/1273' MSL.
Pole, trees, transmission lines, terrain beginning 2645' from DER, 74' left of centerline, up to 68' AGL/1284' MSL.
Terrain beginning 4077' from DER, 1393' left of centerline, up to 1287' MSL.

**PRINCETON, KY**

PRINCETON-CALDWELL COUNTY (2M0)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 25JUL13 (13206) (FAA)

TAKEOFF MINIMUMS:

**Rwy 5,** 300-1¾ or std. w/min. climb of 280' per NM to 900.

TAKEOFF OBSTACLE NOTES:

**Rwy 5,** trees beginning 14' from DER, 434' right of centerline, up to 100' AGL/779' MSL.
Trees beginning 314' from DER, 371' left of centerline, up to 58' AGL/577' MSL.
**Rwy 23,** structures and terrain beginning 11' from DER, 198' right of centerline, up to 4' AGL/599' MSL.
Structures and terrain beginning 40' from DER, 249' left of centerline, up to 4' AGL/593' MSL.
Trees beginning 385' from DER, 48' right of centerline, up to 73' AGL/622' MSL.
Trees beginning 421' from DER, 350' left of centerline, up to 68' AGL/647' MSL.
Utility poles beginning 764' from DER, 176' right of centerline, up to 33' AGL/613' MSL.


22 FEB 2024 to 21 MAR 2024

**PULASKI, TN**

ABERNATHY FLD (GZS)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 5 22APR21 (21280) (FAA)

TAKEOFF MINIMUMS:

**Rwy 16,** 300-2¼ or std. w/min. climb of 300' per NM to 1100.

**Rwy 34,** 400-3 or std. w/min. climb of 465' per NM to 1100.

DEPARTURE PROCEDURE:

**Rwy 16,** climb heading 155° to 1200 before turning right.

TAKEOFF OBSTACLE NOTES:

**Rwy 16,** trees beginning 60' from DER, 159' right of centerline, up to 683' MSL.
Tree 382' from DER, 203' left of centerline, 661' MSL.
Tree 448' from DER, 216' left of centerline, 667' MSL.
Trees beginning 507' from DER, 407' left of centerline, up to 674' MSL.
Pole 1066' from DER, 141' right of centerline, 50' AGL/691' MSL.
Pole, cranes beginning 1117' from DER, 212' right of centerline, up to 43' AGL/694' MSL.
Trees beginning 1170' from DER, 587' left of centerline, up to 694' MSL.
Poles beginning 1435' from DER, 137' right of centerline, up to 64' AGL/705' MSL.
Trees beginning 5236' from DER, 308' right of centerline, up to 778' MSL.
Trees beginning 1.3 NM from DER, 1795' right of centerline, up to 100' AGL/871' MSL.
Trees beginning 1.4 NM from DER, 1783' right of centerline, up to 942' MSL.
Trees beginning 1.5 NM from DER, 2784' left of centerline, up to 943' MSL.
Trees beginning 1.7 NM from DER, 2610' left of centerline, up to 948' MSL.
**Rwy 34,** trees beginning 3' from DER, 189' left of centerline, up to 756' MSL.
Trees beginning 2912' from DER, 769' right of centerline, up to 792' MSL.
Tree 3226' from DER, 1060' right of centerline, 811' MSL.
Trees beginning 3269' from DER, 536' right of centerline, up to 814' MSL.
Trees beginning 3416' from DER, 353' right of centerline, up to 824' MSL.
Trees beginning 3432' from DER, 540' left of centerline, up to 780' MSL.
Trees beginning 3444' from DER, 390' left of centerline, up to 782' MSL.
Tree 3566' from DER, 701' left of centerline, 790' MSL.
Trees beginning 3588' from DER, 391' left of centerline, up to 802' MSL.
Trees beginning 3596' from DER, 445' right of centerline, up to 848' MSL.
Trees beginning 3656' from DER, 847' left of centerline, up to 810' MSL.
Trees beginning 3665' from DER, 842' right of centerline, up to 868' MSL.
Trees beginning 3749' from DER, 9' right of centerline, up to 873' MSL.
Tree 3826' from DER, 561' left of centerline, 823' MSL.
Trees beginning 3859' from DER, 856' left of centerline, up to 833' MSL.
Trees beginning 3878' from DER, 137' left of centerline, up to 841' MSL.
Trees beginning 4052' from DER, 163' left of centerline, up to 860' MSL.
Trees beginning 4080' from DER, 671' left of centerline, up to 880' MSL.
Trees beginning 4165' from DER, 427' right of centerline, up to 883' MSL.
Tree 4197' from DER, 377' right of centerline, 887' MSL.
Tree 4251' from DER, 17' left of centerline, 899' MSL.
Trees beginning 4256' from DER, 200' left of centerline, up to 916' MSL.
Trees beginning 4276' from DER, 576' left of centerline, up to 932' MSL.
Trees beginning 4278' from DER, 39' right of centerline, up to 900' MSL.
Trees beginning 4323' from DER, 14' left of centerline, up to 938' MSL.
Trees, terrain beginning 4405' from DER, 13' right of centerline, up to 924' MSL.
Trees beginning 5268' from DER, 348' left of centerline, up to 963' MSL.
Trees beginning 5323' from DER, 417' left of centerline, up to 965' MSL.
Trees, tower beginning 5431' from DER, 42' left of centerline, up to 981' MSL.
Trees beginning 5484' from DER, 8' right of centerline, up to 945' MSL.
Trees beginning 1 NM from DER, 29' right of centerline, up to 960' MSL.
Trees beginning 1.1 nm from DER, 185' left of centerline, up to 1004' MSL.
Trees beginning 1.1 NM from DER, 9' right of centerline, up to 1013' MSL.
Trees beginning 2.2 NM from DER, 1252' left of centerline, up to 1033' MSL.
Tree 2.3 NM from DER, 2547' left of centerline, 1071' MSL.


22 FEB 2024 to 21 MAR 2024

**RICHMOND, KY**

CENTRAL KENTUCKY RGNL (RGA)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 21JUL16 (16203) (FAA)

DEPARTURE PROCEDURE:

**Rwy 18,** climb heading 180° to 1900 before turning left.

TAKEOFF OBSTACLE NOTES:

**Rwy 18,** trees beginning 19' from DER, 296' right of centerline, up to 1018' MSL.
Tree 579' from DER, 563' left of centerline, 1038' MSL.
Trees beginning 600' from DER, 479' left of centerline, 1048' MSL.
Trees, beginning 824' from DER, 579' right of centerline, 1055' MSL.
Trees, beginning 1637' from DER, 558' right of centerline, up to 1065' MSL.
Tree 2293' from DER, 374' left of centerline, 1068' MSL.
Tree 2355' from DER, 256' left of centerline, 1069' MSL.
Trees, beginning 2422' from DER, 36' left of centerline, up to 1073' MSL.
Trees, beginning 2443' from DER, 78' left of centerline, up to 1081' MSL.
Tree 2468' from DER, 109' right of centerline, 1070' MSL.
Tree 2605' from DER, 112' right of centerline, 1072' MSL.
**Rwy 36,** fence beginning 5' from DER, 402' right of centerline, up to 968' MSL.
Tree 21' from DER, 330' left of centerline, 978' MSL.

**ROCKWOOD, TN**

ROCKWOOD MUNI (RKW)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 15DEC11 (11349) (FAA)

DEPARTURE PROCEDURE:

**Rwy 4,** climb heading 044° to 2500 before turning left.
**Rwy 22,** climb heading 224° to 2600 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

**Rwy 4,** trees beginning 100' from DER, 234' right of centerline, up to 81' AGL/1646' MSL.
Trees beginning 593' from DER, 557' left of centerline, up to 88' AGL/1649' MSL.
**Rwy 22,** trees beginning 54' from DER, 101' left of centerline, up to 71' AGL/1676' MSL.
Trees beginning 630' from DER, 136' right of centerline, up to 70' AGL/1691' MSL.



**ROGERSVILLE, TN**

HAWKINS COUNTY (RVN)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 13SEP18 (18256) (FAA)

TAKEOFF MINIMUMS:

**Rwy 7,** 400-2¾ or std. w/min. climb of 385' per NM to 1700.
**Rwy 25,** 400-2½ w/min. climb of 250' per NM to 1700 or 1700-3 for VCOA.

DEPARTURE PROCEDURE:

**Rwy 7,** climb heading 071° to 3100 before proceeding on course.
**Rwy 25,** climb heading 236° to 2700 before proceeding on course.

VCOA:

**Rwy 25,** obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Hawkins County Airport at or above 2800 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

**Rwy 7**, trees, terrain beginning 102' from DER, 193' left of centerline, up to 1317' MSL.
Tree 346' from DER, 253' right of centerline, 1274' MSL.
Trees beginning 349' from DER, 273' right of centerline, up to 1290' MSL.
Tree 1188' from DER, 783' left of centerline, 1320' MSL.
Tree 1211' from DER, 787' left of centerline, 1324' MSL.
Trees beginning 1221' from DER, 207' right of centerline, up to 1306' MSL.
Tree 1580' from DER, 775' left of centerline, 1337' MSL.
Tree 1730' from DER, 795' left of centerline, 1346' MSL.
Trees, building beginning 1752' from DER, 26' left of centerline, up to 1351' MSL.
Tree 3880' from DER, 1357' right of centerline, 1340' MSL.
Trees beginning 4070' from DER, 1580' left of centerline, up to 1354' MSL.
Tree 5591' from DER, 1996' left of centerline, 1391' MSL.
Trees beginning 5786' from DER, 1377' left of centerline, up to 1408' MSL.
Trees beginning 5965' from DER, 1557' left of centerline, up to 1424' MSL.
Trees beginning one NM from DER, 1331' left of centerline, up to 1523' MSL.
Trees, building beginning 1.1 NM from DER, 1790' left of centerline, up to 1566' MSL.
Tower 2.2 NM from DER, 3132' left of centerline, 223' AGL/1589' MSL.

**CON'T**

**ROGERSVILLE, TN (CON'T)**

HAWKINS COUNTY (RVN) (CON'T)

**Rwy 25,** catenary, 1' from DER, 427' right of centerline, up to 44' AGL/1318' MSL.
Trees, beginning 75' from DER, 167' left of centerline, up to 1298' MSL.
Terrain 93' from DER, 196' right of centerline, 1265' MSL.
Building 153' from DER, 369' right of centerline, 34' AGL/1301' MSL.
Fence, trees, transmission line, pole, beginning 185 from DER, 143' right of centerline, up to 1308' MSL.
Trees, pole, transmission line, beginning 259' from DER, 105' left of centerline, up to 1309' MSL.
Tree 861' from DER, 565' right of centerline, 1326' MSL.
Trees, terrain, beginning 1087' from DER, 728' right of centerline, up to 1334' MSL.
Trees, beginning 2010' from DER, 393' left of centerline, up to 1331' MSL.
Tree 2088' from DER, 997' right of centerline, 1423' MSL.
Trees, terrain, beginning 2257' from DER, 596' right of centerline, up to 1453' MSL.
Tree 2344' from DER, 964' right of centerline, 1457' MSL.
Trees, terrain, fence, transmission line, poles, beginning 2440' from DER, 47' right of centerline, up to 1478' MSL.
Tree 3422' from DER, 204' left of centerline, 1341' MSL.
Tree 3461' from DER, 97' left of centerline, 1384' MSL.
Trees, beginning 3561' from DER, 7' left of centerline, up to 1402' MSL.
Trees, beginning 4089' from DER, 2' left of centerline, up to 1420' MSL.
Tree 4694' from DER, 1137' right of centerline, 1492' MSL.
Trees, transmission line, pole, beginning 4722' from DER, 18' right of centerline, up to 1503' MSL.
Trees, terrain, beginning 4863' from DER, 29' right of centerline, up to 1508' MSL.
Trees, terrain, beginning 5061' from DER, 19' right of centerline, up to 1526' MSL.
Trees, beginning 5200' from DER, 145' right of centerline, up to 1546' MSL.
Trees, terrain, beginning 5410' from DER, 295' right of centerline, up to 1569' MSL.
Trees, terrain, beginning 5644' from DER, 32' right of centerline, up to 1591' MSL.
Trees, beginning 5830' from DER, 388' right of centerline, up to 1600' MSL.
Trees, beginning 2 NM from DER, 3395' right of centerline, up to 1633' MSL.
Terrain+veg, trees beginning 2.2 NM from DER, 3420' right of centerline, up to 100' AGL/1846' MSL.

**RUSSELLVILLE, KY**

RUSSELLVILLE-LOGAN COUNTY (4M7)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4 07DEC17 (17341) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 7,** tree, pole beginning 13' from DER, 242' left of centerline, up to 48' AGL/687' MSL.
Tree 253' from DER, 347' right of centerline, 24' AGL/663' MSL.
Trees beginning 303' from DER, 389' left of centerline, up to 84' AGL/721' MSL.
Trees beginning 350' from DER, 346' right of centerline, up to 36' AGL/674' MSL.
Tree 473' from DER, 309' left of centerline, 87' AGL/723' MSL.
Trees beginning 1070' from DER, 432' left of centerline, up to 97' AGL/732' MSL.
Tree 1418' from DER, 638' right of centerline, 61' AGL/693' MSL.
Trees beginning 1438' from DER, 255' right of centerline, up to 86' AGL/718' MSL.
Transmission line 2580' from DER, 493' right of centerline, 84' AGL/731' MSL.
Catenary 2648' from DER, 2' right of centerline, 103' AGL/737' MSL.
Catenary 2698' from DER, 376' left of centerline, 105' AGL/740' MSL.
Transmission line 2752' from DER, 792' left of centerline, 101' AGL/742' MSL.
Transmission line 2791' from DER, 791' left of centerline, 90' AGL/744' MSL.
Tree 4099' from DER, 12' right of centerline, 101' AGL/762' MSL.
**Rwy 25,** traverse way, terrain beginning 3' from DER, 332' right of centerline, up to 699' MSL.
Pole 346' from DER, 532' right of centerline, 23' AGL/709' MSL.

**SABRE AAF (FORT CAMPBELL) (KEOD)**

CLARKSVILLE, TN

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 10AUG23 (23222) (USA)

TAKEOFF MINIMUMS:

**Rwy 23,** std. w/min. climb of 289'/NM to 1000 or 300-1¾.

TAKEOFF OBSTACLE NOTES:

**Rwy 23,** twr 1.4 NM from DER, 1755' left of centerline, 210' AGL/862' MSL.


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**SAVANNAH, TN**

SAVANNAH-HARDIN COUNTY (SNH)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 30JUL09 (09211) (FAA)

TAKEOFF MINIMUMS:

**Rwy 19,** 400-2¼ or std. w/min. climb of 260' per NM to 1000.

TAKEOFF OBSTACLE NOTES:

**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)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 25SEP08 (08269) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 17,** terrain beginning 71' from DER, 154' right of centerline, up to 644' MSL.
Trees beginning 104' from DER, 405' right of centerline, up to 76' AGL/695' MSL.
Pole 1208' from DER, 810' right of centerline, 28' AGL/687' MSL.
Pole 1857' from DER, 380' right of centerline, 45' AGL/664' MSL.

**Rwy 35,** vehicles on roadway 107' from DER, on centerline, up to 15' AGL/622' MSL.
Trees beginning 95' from DER, 206' right of centerline, up to 51' AGL/645' MSL.

**SEVIERVILLE, TN**

GATLINBURG-PIGEON FORGE (GKT)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4A 26MAY16 (16147) (FAA)

TAKEOFF MINIMUMS:

**Rwy 10,** std. w/min. climb of 320' per NM to 2900 or 900-2½ for climb in visual conditions.

**Rwy 28,** 400-2¾ or std. w/min. climb of 210' per NM to 1500 or alternatively, with std. takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur not later than 1200' prior to DER.

DEPARTURE PROCEDURE:

**Rwy 10,** Climbing left turn on VXV VORTAC R-090 westbound to VXV VORTAC to 5000 before proceeding on course. For climb in visual conditions: cross Gatlinburg-Pigeon Forge airport westbound on VXV VORTAC R-102 at or above 1900 MSL to VXV VORTAC; continue climb to 5000 before proceeding on course. When executing VCOA, notify ATC prior to departure.

**Rwy 28,** Climb on heading 282° and on VXV VORTAC R-102 to VXV VORTAC to 5000 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

**Rwy 10,** trees beginning 194' from DER, 378' right of centerline, up to 80' AGL/1123' MSL.
Trees beginning 300' from DER, 350' left of centerline, up to 80' AGL/1123' MSL.
Trees beginning 716' from DER, 255' left of centerline, up to 85' AGL/1131' MSL.
Power line 941' from DER, 602' right of centerline, 55' AGL/1079' MSL.

**Rwy 28,** trees beginning 184' from DER, 259' left of centerline, up to 45' AGL/1071' MSL.
Trees beginning 949' from DER, 376' right of centerline, up to 45' AGL/1116' MSL.
Tower 1119' from DER, 624' right of centerline, 78' AGL/1079' MSL.
Tower 2.2 NM from DER, 2629' right of centerline, 175' AGL/1359' MSL.



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**SHELBYVILLE, TN**

BOMAR FLD/SHELBYVILLE MUNI (SYI)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 31JUL08 (21336) (FAA)

DEPARTURE PROCEDURE:

**Rwy 18,** climb heading 180° to 1600 before turning left.

**Rwy 36,** climb heading 345° to 1700 before turning right.

TAKEOFF OBSTACLE NOTES:

**Rwy 18,** tree 81' from DER, 176' right of centerline, up to 100' AGL/890' MSL.
Tree 86' from DER, 199' left of centerline, up to 100' AGL/880' MSL.

**Rwy 36,** trees and terrain 505' from DER, 36' left of centerline, up to 7' AGL/806' MSL.

**SMITHVILLE, TN**

SMITHVILLE MUNI (0A3)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 05JUN08 (08157) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 6,** trees and terrain beginning 76' from DER, 256' right of centerline, up to 100' AGL/1199' MSL.
Trees beginning 733' from DER, 11' left of centerline up to 100' AGL/1119' MSL.

**Rwy 24,** trees and terrain beginning 76' from DER, 8' left of centerline, up to 100' AGL/1119' MSL.
Trees and terrain beginning 83' from DER, 162' right of centerline, up to 100' AGL/1179' MSL.

**SMYRNA, TN**

SMYRNA (MQY)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 7 02DEC21 (21336) (FAA)

TAKEOFF MINIMUMS:

**Rwy 19,** 300-2¼ or std. w/min. climb of 255' per NM to 1000, or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1400' prior to DER.

**Rwy 32,** 300-1 or std. w/min. climb of 260' per NM to 800.

DEPARTURE PROCEDURE:

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

TAKEOFF OBSTACLE NOTES:

**Rwy 1,** lighting 32' from DER, 120' right of centerline, 2' AGL/523' MSL.
Lighting 141' from DER, 250' left of centerline, 6' AGL/528' MSL.
Trees beginning 776' from DER, 26' right of centerline, up to 590' MSL.
Tree 991' from DER, 525' left of centerline, 564' MSL.
Trees beginning 1101' from DER, 53' left of centerline, up to 566' MSL.
Tree 1202' from DER, 263' left of centerline, 568' MSL.
Trees, beginning 1241' from DER, 26' left of centerline, up to 612' MSL.
Trees beginning 1436' from DER, 20' right of centerline, up to 601' MSL.
Trees beginning 1676' from DER, 9' right of centerline, up to 614' MSL.
Trees beginning 2085' from DER, 816' right of centerline, up to 615' MSL.
Trees beginning 2250' from DER, 819' left of centerline, up to 617' MSL.
**Rwy 14,** lighting 9' from DER, 104' right of centerline, 4' AGL/520' MSL.
Lighting 37' from DER, 254' left of centerline, 4' AGL/520' MSL.
Tree 1319' from DER, 808' left of centerline, 572' MSL.
Tree 3208' from DER, 198' left of centerline, 598' MSL.
**Rwy 19,** lighting 9' from DER, 125' right of centerline, 3' AGL/521' MSL.
Lighting 9' from DER, 125' left of centerline, 3' AGL/521' MSL.
Pole 1468' from DER, 139' left of centerline, 23' AGL/556' MSL.
Pole 1473' from DER, 40' left of centerline, 26' AGL/558' MSL.
Transmission line, pole, trees beginning 1547' from DER, 24' right of centerline, up to 50' AGL/580' MSL.
Pole 1594' from DER, 122' left of centerline, 33' AGL/566' MSL.
Tree 1647' from DER, 251' left of centerline, 577' MSL.
Trees, pole beginning 1690' from DER, 18' left of centerline, up to 609' MSL.
Tree 1786' from DER, 79' right of centerline, 590' MSL.
Trees beginning 1846' from DER, 293' right of centerline, up to 596' MSL.
Tree 1900' from DER, 571' left of centerline, 619' MSL.
Trees beginning 1973' from DER, 20' left of centerline, up to 626' MSL.
Tree 2038' from DER, 843' right of centerline, 597' MSL.
Tree 2057' from DER, 75' right of centerline, 600' MSL.
Trees beginning 2099' from DER, 316' right of centerline, up to 606' MSL.
Tree 2260' from DER, 648' right of centerline, 609' MSL.
Trees beginning 2271' from DER, 203' right of centerline, up to 613' MSL.
Trees beginning 2525' from DER, 40' right of centerline, up to 614' MSL.
Trees beginning 2973' from DER, 379' left of centerline, up to 634' MSL.
Trees beginning 3022' from DER, 28' left of centerline, up to 639' MSL.
Trees beginning 3546' from DER, 193' right of centerline, up to 618' MSL.
Tower, antenna beginning 1.7 NM from DER, 2303' right of centerline, up to 143' AGL/788' MSL.
**Rwy 32,** lighting 10' from DER, 105' right of centerline, 3' AGL/545' MSL.
Tree 78' from DER, 503' left of centerline, 563' MSL.
Trees beginning 89' from DER, 438' left of centerline, up to 598' MSL.
Trees beginning 402' from DER, 472' right of centerline, up to 583' MSL.
Tree 888' from DER, 552' right of centerline, 585' MSL.
Trees beginning 1067' from DER, 25' right of centerline, up to 588' MSL.
Trees beginning 1158' from DER, 82' left of centerline, up to 600' MSL.
Tree 1278' from DER, 86' right of centerline, 593' MSL.
Trees beginning 1310' from DER, 110' right of centerline, up to 598' MSL.
Tree 1339' from DER, 517' left of centerline, 609' MSL.
Trees beginning 1346' from DER, 61' left of centerline, up to 614' MSL.
Trees beginning 1371' from DER, 221' right of centerline, up to 599' MSL.
Tree 1503' from DER, 208' right of centerline, 601' MSL.
Trees beginning 1528' from DER, 26' right of centerline, up to 606' MSL.
Trees beginning 1684' from DER, 7' left of centerline, up to 617' MSL.
Tree 1995' from DER, 260' right of centerline, 623' MSL.

**CON'T**

22 FEB 2024 to 21 MAR 2024

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**SMYRNA, TN (CON'T)**

SMYRNA (MQY) (CON'T)

**Rwy 32 (CON'T),** trees beginning 2002' from DER, 61' right of centerline, up to 624' MSL.
Trees beginning 2082' from DER, 169' right of centerline, up to 625' MSL.
Trees beginning 2103' from DER, 388' left of centerline, up to 620' MSL.
Trees beginning 2523' from DER, 134' left of centerline, up to 621' MSL.
Trees beginning 2540' from DER, 57' right of centerline, up to 627' MSL.
Trees beginning 2672' from DER, 130' left of centerline, up to 625' MSL.
Trees beginning 2777' from DER, 108' left of centerline, up to 634' MSL.
Trees beginning 2880' from DER, 37' right of centerline, up to 633' MSL.
Trees beginning 3052' from DER, 63' right of centerline, up to 640' MSL.
Trees beginning 3069' from DER, 129' left of centerline, up to 635' MSL.
Tree 3346' from DER, 290' right of centerline, 641' MSL.
Trees beginning 3409' from DER, 186' left of centerline, up to 637' MSL.
Trees beginning 3460' from DER, 180' right of centerline, up to 644' MSL.
Trees beginning 3549' from DER, 285' left of centerline, up to 643' MSL.
Trees beginning 3613' from DER, 181' left of centerline, up to 646' MSL.
Trees beginning 3928' from DER, 33' right of centerline, up to 648' MSL.
Trees beginning 4083' from DER, 17' right of centerline, up to 651' MSL.
Trees beginning 4091' from DER, 55' left of centerline, up to 657' MSL.
Trees beginning 4099' from DER, 48' right of centerline, up to 655' MSL.
Trees beginning 4147' from DER, 28' left of centerline, up to 666' MSL.
Trees beginning 4226' from DER, 31' right of centerline, up to 663' MSL.
Tree 4270' from DER, 487' right of centerline, 670' MSL.
Trees beginning 4425' from DER, 120' right of centerline, up to 685' MSL.
Tree 4436' from DER, 138' left of centerline, 669' MSL.
Trees beginning 4499' from DER, 28' right of centerline, up to 686' MSL.
Trees beginning 4512' from DER, 262' left of centerline, up to 672' MSL.
Tree 4526' from DER, 436' left of centerline, 678' MSL.
Trees beginning 4590' from DER, 197' left of centerline, up to 688' MSL.
Trees beginning 4594' from DER, 59' right of centerline, up to 690' MSL.
Trees beginning 4820' from DER, 60' right of centerline, up to 694' MSL.
Trees, tower beginning 4915' from DER, 34' left of centerline, up to 694' MSL.
Trees beginning 4988' from DER, 41' right of centerline, up to 704' MSL.
Trees beginning 5145' from DER, 142' right of centerline, up to 709' MSL.
Trees beginning 5182' from DER, 11' right of centerline, up to 702' MSL.



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**SOMERSET, KY**

LAKE CUMBERLAND RGNL (SME)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4A 12AUG21 (21224) (FAA)

TAKEOFF MINIMUMS:
**Rwy 5,** 500-2 or std. w/min. climb of 440' per NM to 1600.
**Rwy 23,** 300-1¼ or std. w/min. climb of 375' per NM to 1300.

DEPARTURE PROCEDURE:
**Rwy 5,** climb heading 048° to 2000 before proceeding on course.
**Rwy 23,** climb heading 228° to 2000 before turning southbound.

TAKEOFF OBSTACLE NOTES:
**Rwy 5,** power lines beginning 2350' from DER, on centerline, up to 100' AGL/1009' MSL.
Trees beginning 5685' from DER, left and right of centerline, up to 100' AGL/1369' MSL.
Tower 1.7 NM from DER, 500' right of centerline, 100' AGL/1300' MSL.
**Rwy 23,** poles beginning 178' from DER, on centerline, up to 102' AGL/1111' MSL.
Trees beginning 281' from DER, left and right of centerline, up to 81' AGL/1190' MSL.
Buildings beginning 412' from DER, 336' right of centerline, up to 10' AGL/1089' MSL.
Hills beginning 982' from DER, 102' left of centerline, up to 927' MSL.
Signs beginning 1214' from DER, 45' right of centerline, 45' AGL/959' MSL.
Antenna 2939' from DER, 54' left of centerline, 56' AGL/1005' MSL.

**SOMERVILLE, TN**

FAYETTE COUNTY (FYE)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 28SEP06 (06271) (FAA)

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

**SPARTA, TN**

UPPER CUMBERLAND RGNL (SRB)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 15JAN09 (09015) (FAA)

DEPARTURE PROCEDURE:

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

TAKEOFF OBSTACLE NOTES:

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

**SPRINGFIELD, KY**

LEBANON-SPRINGFIELD-GEORGE HOERTER FLD (6I2)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 31MAR16 (21280) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 11,** trees beginning 137' from DER, 506' right of centerline, up to 75' AGL/956' MSL.
Trees beginning 217' from DER, 485' left of centerline, up to 90' AGL/897' MSL.
Trees beginning 330' from DER, 21' left of centerline, up to 26' AGL/885' MSL.
Trees beginning 764' from DER, 68' left of centerline, up to 80' AGL/891' MSL.
**Rwy 29,** vehicle on road 2' from DER, 304' right of centerline, 14' AGL/824' MSL.
Trees and pole beginning 402' from DER, 457' right of centerline, up to 43' AGL/860' MSL.
Trees beginning 1283' from DER, 639' left of centerline, up to 44' AGL/852' MSL.

**SPRINGFIELD, TN**

SPRINGFIELD ROBERTSON COUNTY (M91)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 09FEB12 (12040) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 4,** ground 129' from DER, 495' right of centerline, 715' MSL.
Trees beginning 495' from DER, 209' right of centerline, up to 100' AGL/800' MSL.
Trees beginning 863' from DER, 442' left of centerline, up to 100' AGL/784' MSL.
Transmission poles beginning 1410' from DER, 229' left of centerline, up to 38' AGL/748' MSL.
**Rwy 22,** power lines beginning 530' from DER, 625' left of centerline, up to 100' AGL/819' MSL.
Trees beginning 630' from DER, 520' left of centerline, up to 100' AGL/819' MSL.

**STURGIS, KY**

STURGIS MUNI (TWT)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4 03APR14 (14093) (FAA)

TAKEOFF MINIMUMS:

**Rwy 1,** 400-2¼ or std. w/ min. climb of 280' per NM to 800.

TAKEOFF OBSTACLE NOTES:

**Rwy 1,** trees beginning 2114' from DER, 514' left of centerline, up to 100' AGL/689' MSL.
**Rwy 19,** trees beginning 1248' from DER, 19' left of centerline, up to 94' AGL/454' MSL.
Trees beginning 2144' from DER, 226' right of centerline, up to 100' AGL/509' MSL.

**TAZEWELL, TN**

NEW TAZEWELL MUNI (3A2)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 29MAY14 (14149) (FAA)

TAKEOFF MINIMUMS:

**Rwy 7,** NA-Environmental and obstacles.
**Rwy 25,** 300-1 w/min. climb of 480' per NM to 2700, or 1800-2½ for climb in visual conditions.

DEPARTURE PROCEDURE:

**Rwy 25,** climb heading 250° to 2500 before proceeding on course.

VCOA:

**Rwy 25,** obtain ATC approval for climb in visual conditions when requesting IFR clearance. Climb in visual conditions to cross New Tazewell Muni airport at or above 2800 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

**Rwy 25,** multiple trees and bushes beginning 12' from DER, 190' right and left of centerline, up to 100' AGL/1213' MSL.
Fence 77' from DER, 246' right of centerline, 4' AGL/1185' MSL.
Poles 302' from DER, 254' right of centerline, 29' AGL/1253' MSL.
Building 691' from DER, 482' right of centerline, 16' AGL/1211' MSL.
Multiple trees beginning 5703' from DER, 406' right of centerline, up to 100' AGL/1328' MSL.


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

24025

## TOMPKINSVILLE, KY

TOMPKINSVILLE/MONROE COUNTY (TZV)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 28DEC23 (23362) (FAA)

TAKEOFF MINIMUMS:

**Rwy 4,** 300-1⅛ or std w/min climb of 231' per NM to 1300 or alternatively, with std takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1700' prior to DER.

TAKEOFF OBSTACLE NOTES:

**Rwy 4,** trees beginning 100' from DER, 109' right of centerline, up to 108' AGL/1107' MSL.
Tree 233' from DER, 301' left of centerline, 32' AGL/1046' MSL.
Tree 709' from DER, 266' left of centerline, 36' AGL/1055' MSL.
Building 810' from DER, 231' left of centerline, 44' AGL/1060' MSL.
Tree 5484' from DER, 1942' left of centerline, 120' AGL/1194' MSL.
**Rwy 22,** pole 10' from DER, 114' right of centerline, 11' AGL/1016' MSL.
Trees, fences beginning 52' from DER, 43' right of centerline, up to 27' AGL/1031' MSL.
Pole 482' from DER, 613' left of centerline, 30' AGL/1029' MSL.
Tree 835' from DER, 494' left of centerline, 58' AGL/1045' MSL.
Building 882' from DER, 552' right of centerline, 20' AGL/1062' MSL.
Pole, building beginning 985' from DER, 407' right of centerline, up to 28' AGL/1070' MSL.
Trees, pole beginning 1164' from DER, 273' left of centerline, up to 63' AGL/1066' MSL.
Trees, building, poles beginning 1197' from DER, 219' right of centerline, up to 55' AGL/1101' MSL.
Trees, pole beginning 1768' from DER, 2' right of centerline, up to 115' AGL/1140' MSL.
Tree 1880' from DER, 45' left of centerline, 54' AGL/1072' MSL.
Trees beginning 1917' from DER, 1' left of centerline, up to 66' AGL/1088' MSL.
Trees, pole beginning 1924' from DER, 58' left of centerline, up to 67' AGL/1091' MSL.
Trees beginning 2183' from DER, 156' left of centerline, up to 65' AGL/1093' MSL.
Trees beginning 2185' from DER, 76' left of centerline, up to 81' AGL/1109' MSL.
Trees beginning 2215' from DER, 9' left of centerline, up to 82' AGL/1112' MSL.
Tree 2244' from DER, 104' left of centerline, 82' AGL/1113' MSL.
Trees, pole beginning 2250' from DER, 28' left of centerline, up to 86' AGL/1117' MSL.
Trees, poles, transmission line beginning 2958' from DER, 15' left of centerline, up to 78' AGL/1118' MSL.
Trees beginning 3218' from DER, on and left of centerline, up to 88' AGL/1121' MSL.
Tree 4325' from DER, 967' left of centerline, 99' AGL/1130' MSL.

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## TRENTON, TN

GIBSON COUNTY (TGC)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 31JAN19 (19031) (FAA)

TAKEOFF MINIMUMS:

**Rwy 1**, 300-1¾ or std. w/min. climb of 360' per NM to 700.

DEPARTURE PROCEDURE:

**Rwy 1,** climb on heading 011° to 1200 before proceeding on course.
**Rwy 19,** climb on heading 191° to 1900 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

**Rwy 1**, tree, fence beginning 7' from DER, 157' left of centerline, up to 44' AGL/402' MSL.
Tree, fence beginning 45' from DER, 228' right of centerline, up to 44' AGL/394' MSL.
Trees beginning 337' from DER, 267' right of centerline, up to 43' AGL/398' MSL.
Tree, tower beginning 942' from DER, 352' right of centerline, up to 48' AGL/418' MSL.
Tree, pole beginning 1011' from DER, 265' left of centerline, up to 65' AGL/437' MSL.
Tree, pole, traverse way, antenna beginning 1060' from DER, 4' left of centerline, up to 80' AGL/461' MSL.
Tree, tower beginning 1088' from DER, 342' right of centerline, up to 63' AGL/434' MSL.
Tree, pole beginning 1137' from DER, 220' right of centerline, up to 85' AGL/448' MSL.
Tree, pole beginning 1266' from DER, 26' left of centerline, up to 84' AGL/472' MSL.
Trees beginning 1366' from DER, 72' right of centerline, up to 80' AGL/450' MSL.
Tree, building beginning 1916' from DER, 74' left of centerline, up to 69' AGL/477' MSL.
Trees beginning 2022' from DER, 89' right of centerline, up to 71' AGL/451' MSL.
Tree, pole, building, tower beginning 2250' from DER, 72' left of centerline, up to 82' AGL/483' MSL.
Trees beginning 2447' from DER, 419' right of centerline, up to 65' AGL/461' MSL.
Tree, pole beginning 2480' from DER, 491' right of centerline, up to 61' AGL/464' MSL.
Tree 3078' from DER, 984' right of centerline, 86' AGL/469' MSL.
Trees beginning 3182' from DER, 1105' right of centerline, up to 95' AGL/471' MSL.
Trees beginning 3574' from DER, 121' right of centerline, up to 75' AGL/474' MSL.
Trees beginning 4148' from DER, 1099' left of centerline, up to 88' AGL/501' MSL.
Tree, pole beginning 4576' from DER, 1065' left of centerline, up to 76' AGL/536' MSL.
Tree, tower, pole, building beginning 4762' from DER, 578' left of centerline, up to 80' AGL/567' MSL.
Tree, pole, tower, tree beginning 5573' from DER, 119' left of centerline, up to 83' AGL/588' MSL.
Tree 1 NM from DER, 2033' right of centerline, 100' AGL/520' MSL.
Tree 1.4 NM from DER, 2773' left of centerline, 100' AGL/579' MSL.

**CON'T**

22 FEB 2024 to 21 MAR 2024

**TRENTON, TN (CON'T)**

GIBSON COUNTY (TGC) (CON'T)

**Rwy 19,** lighting 38' from DER, 111' right of centerline, 23' AGL/360' MSL.
Trees beginning 138' from DER, 286' right of centerline, up to 89' AGL/425' MSL.
Tree 209' from DER, 485' left of centerline, 62' AGL/397' MSL.
Tree 222' from DER, 254' left of centerline, 62' AGL/398' MSL.
Tree 267' from DER, 380' left of centerline, 66' AGL/401' MSL.
Tree 469' from DER, 465' left of centerline, 98' AGL/431' MSL.
Tree 501' from DER, 432' right of centerline, 107' AGL/439' MSL.
Trees beginning 510' from DER, 28' right of centerline, up to 120' AGL/451' MSL.
Tree 574' from DER, 618' left of centerline, 108' AGL/440' MSL.
Trees beginning 633' from DER, 56' left of centerline, up to 111' AGL/442' MSL.
Trees beginning 2171' from DER, 169' left of centerline, up to 101' AGL/453' MSL.

**TULLAHOMA, TN**

TULLAHOMA RGNL/WM NORTHERN FLD (THA)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 25AUG11 (22027) (FAA)

TAKEOFF MINIMUMS:
**Rwys 9, 27,** NA-Environmental.
TAKEOFF OBSTACLE NOTES:
**Rwy 6,** buildings beginning 36' from DER, 439' right of centerline, up to 28' AGL/1098' MSL.
Rising terrain, beginning 41' from DER, 5' right of centerline, up to 1090' MSL.
Fence 83' from DER, 393' right of centerline, up to 12' AGL/1082' MSL.
Trees beginning 130' from DER, left and right of centerline, up to 100' AGL/1199' MSL.
Light poles beginning 674' from DER, 311' left of centerline, up to 36' AGL/1096' MSL.
**Rwy 18,** trees beginning 146' from DER, left and right of centerline, up to 100' AGL/1199' MSL.
Buildings beginning 299' from DER, 217' right of centerline, up to 32' AGL/1102' MSL.
**Rwy 24,** trees beginning 454' from DER, left and right of centerline, up to 100' AGL/1219' MSL.
**Rwy 36,** trees beginning 24' from DER, left and right of centerline, up to 100' AGL/1229' MSL.
Light pole 260' from DER, 498' left of centerline, 18' AGL/1088' MSL.

**UNION CITY, TN**

EVERETT-STEWART RGNL (UCY)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 25AUG11 (11237) (FAA)

TAKEOFF OBSTACLE NOTES:
**Rwy 1,** obstruction light 9' from DER, 124' right of centerline, 2' AGL/310' MSL.
Trees 1200' from DER, 734' left of centerline, up to 69' AGL/379' MSL.
Tractor 112' from DER, 405' left of centerline, 12' AGL/321' MSL.
**Rwy 19,** trees 1050' from DER, 61' left of centerline, up to 100' AGL/449' MSL.
Trees 1452' from DER, 865' right of centerline, up to 100' AGL/459' MSL.
Tractor 32' from DER, 81' left of centerline, 12' AGL/351' MSL.

**WAVERLY, TN**

HUMPHREYS COUNTY (0M5)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 09AUG79 (79221) (FAA)

TAKEOFF MINIMUMS:
**Rwys 3, 21,** 200-1.

**WILLIAMSBURG, KY**

WILLIAMSBURG-WHITLEY COUNTY (BYL)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2A 25FEB21 (21056) (FAA)

TAKEOFF MINIMUMS:
**Rwy 2,** 300-1¼ or std. w/ min. climb of 280' per NM to 1400.
**Rwy 20,** std. w/ min. climb of 350' per NM to 2500, or 1400-3 for VCOA.
DEPARTURE PROCEDURE:
**Rwy 2,** climb on heading 023° to 2000 before turning east.
**Rwy 20,** climb on heading 203° to 2000 before proceeding on course.
VCOA:
**Rwy 20,** obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Williamsburg-Whitley County Airport at or above 2400 before proceeding on course
**CON'T**



22 FEB 2024 to 21 MAR 2024
22 FEB 2024 to 21 MAR 2024

**WILLIAMSBURG, KY (CON'T)**

WILLIAMSBURG-WHITLEY COUNTY (BYL) (CON'T)

TAKEOFF OBSTACLE NOTES:

**Rwy 2,** tree 182' from DER, 250' left of centerline, 1184' MSL.
Tree 231' from DER, 243' left of centerline, 1195' MSL.
Trees beginning 1270' from DER, 592' right of centerline, up to 1225' MSL.
Trees beginning 1519' from DER, 684' left of centerline, up to 1263' MSL.
Tree 2306' from DER, 665' right of centerline, 1245' MSL.
Tree 3204' from DER, 1087' right of centerline, 1262' MSL.
Tree 3563' from DER, 466' left of centerline, 1268' MSL.
Tree 3644' from DER, 329' left of centerline, 1270' MSL.
Tree 3697' from DER, 126' left of centerline, 1273' MSL.
Tree 3704' from DER, 369' left of centerline, 1276' MSL.
Trees beginning 3731' from DER, 171' left of centerline, up to 1278' MSL.
Tree 4152' from DER, 311' left of centerline, 1282' MSL.
Trees beginning 4285' from DER, 24' right of centerline, up to 1296' MSL.
Tree 4355' from DER, 75' left of centerline, 1300' MSL.
Trees beginning 4406' from DER, 12' left of centerline, up to 1316' MSL.
Trees beginning 4451' from DER, 125' right of centerline, up to 1297' MSL.
Trees beginning 4504' from DER, 151' right of centerline, up to 1303' MSL.
Trees beginning 4536' from DER, 170' right of centerline, up to 1304' MSL.
Tree, terrain beginning 4720' from DER, 2' right of centerline, up to 1328' MSL.
Tree, terrain beginning 4986' from DER, on centerline, up to 1329' MSL.
Tree 5424' from DER, 43' left of centerline, 1322' MSL.
**Rwy 20,** tree 177' from DER, 347' left of centerline, 1165' MSL.
Tree 306' from DER, 466' left of centerline, 1192' MSL.
Tree, fence beginning 348' from DER, 409' left of centerline, up to 1217' MSL.
Trees beginning 405' from DER, 399' left of centerline, up to 1223' MSL.
Tree 1230' from DER, 787' right of centerline, 1187' MSL.
Tree 1411' from DER, 321' right of centerline, 1195' MSL.


22 FEB 2024 to 21 MAR 2024

**WINCHESTER, TN**

WINCHESTER MUNI (BGF)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 13NOV14 (14317) (FAA)

TAKEOFF MINIMUMS:

**Rwy 18,** std. w/min. climb of 330' per NM to 2400, or 1500-3 for climb in visual conditions.

DEPARTURE PROCEDURE:

**Rwy 18,** climb heading 185° to 2300 before turning left.
**Rwy 36,** climb heading 005° to 2000 before turning right.

VCOA:

**Rwy 18,** obtain ATC approval for climb in visual conditions when requesting IFR clearance. Climb in visual conditions to cross Winchester Muni airport at or above 2300 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

**Rwy 18,** trees beginning 174' from DER, 387' left of centerline, up to 81' AGL/1062' MSL.
Vehicles on roadway beginning 388' from DER, left and right of centerline, up to 17' AGL/1006' MSL.
Tower 726' from DER, 337' left of centerline, 31' AGL/1018' MSL.
Trees beginning 1237' from DER, 539' right of centerline, up to 126' AGL/1057' MSL.
Rising terrain beginning 3.4 NM from DER, left and right of centerline, up to 2119' MSL.
**Rwy 36,** rising terrain and trees beginning 97' from DER, 293' left of centerline, up to 109' AGL/1100' MSL.
Vehicles on roadway beginning 817' from DER, 659' left of centerline, up to 17' AGL/996' MSL.
Trees beginning 2654' from DER, 75' right of centerline, up to 60' AGL/1052' MSL.