INSTRUMENT APPROACH PROCEDURE CHARTS

IFR ALTERNATE AIRPORT MINIMUMS

Standard alternate minimums for non-precision approaches are 800-2 (NDB, VOR, LOC, TACAN, LDA, VORTAC, VOR/DME, ASR or WAAS LNAV); for precision approaches 600-2 (ILS or PAR). Airports within this geographical area that require alternate minimums other than standard or alternate minimums with restrictions are listed below. NA - means alternate minimums are not authorized due to unmonitored facility or absence of weather reporting service. Civil pilots see FAR 91. IFR Alternate Airport Minimums: Ceiling and Visibility Minimums not applicable to USA/USN/USAF. Pilots must review the IFR Alternate Airport Minimums Notes for alternate airfield suitability.

NAME ALTERNATE MINIMUMS

ALBEMARLE, NC
STANLY
COUNTY (VUJ) ..... **ILS or LOC Rwy 22L[1,2]**
NDB Rwy 22L[1]
RNAV (GPS) Rwy 4R
RNAV (GPS) Rwy 22L
NA when local weather not available.
[1]NA when control tower closed.
[2]ILS, Categories A, B, C, D, 700-2.

ALLENDALE, SC
ALLENDALE
COUNTY (AQX) ..... **RNAV (GPS) Rwy 17**
RNAV (GPS) Rwy 35
NA when local weather not available.

ANDERSON, SC
ANDERSON
RGNL (AND) ..... **ILS or LOC Rwy 5**
RNAV (GPS) Rwy 5
RNAV (GPS) Rwy 17[1]
RNAV (GPS) Rwy 23
RNAV (GPS) Rwy 35[1]
VOR Rwy 5
NA when local weather not available.
[1]Category D, 800-2¼.

ASHEVILLE, NC
ASHEVILLE
RGNL (AVL) ..... **ILS or LOC Rwy 16[1,2]**
ILS or LOC Rwy 34[1,2]
RNAV (GPS) Rwy 16[3,4]
RNAV (GPS) Rwy 34[3,5]
RADAR-1[1], 900-2¾
[1]NA when control tower closed.
[2]ILS, Categories A, B, C, 800-2; Category D, 800-2¼. LOC, Category D, 800-2¼.
[3]NA when local weather not available.
[4]Categories A, B, 900-2; Category C, 900-2½; Category D, 900-2¾.
[5]Categories A, B, 1000-2, Categories C, D, 1000-3.

NAME ALTERNATE MINIMUMS

BARNWELL, SC
BARNWELL
RGNL (BNL) ..... **RNAV (GPS) Rwy 17**
NA when local weather not available.

BEAUFORT, NC
MICHAEL J.
SMITH FIELD (MRH) ..... **RNAV (GPS) Rwy 3**
RNAV (GPS) Rwy 8
RNAV (GPS) Rwy 14
RNAV (GPS) Rwy 21
RNAV (GPS) Rwy 26
RNAV (GPS) Rwy 32
NA when local weather not available.

BEAUFORT, SC
BEAUFORT
COUNTY (ARW) ..... **RNAV (GPS) Rwy 7**
RNAV (GPS) Rwy 25
NA when local weather not available.

BENNETTSVILLE, SC
MARLBORO COUNTY JETPORT-H E AVENT
FIELD (BBP) ..... **RNAV (GPS) Rwy 7**
RNAV (GPS) Rwy 25
NA when local weather not available.

BURLINGTON, NC
BURLINGTON-ALAMANCE
RGNL (BUY) ..... **RNAV (GPS) Rwy 6**
NA when local weather not available.
Category D, 800-2¼.

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NAME ALTERNATE MINIMUMS

CHARLESTON, SC

CHARLESTON
AFB/INTL (CHS)..... **ILS or LOC Rwy 15[1]**
ILS or LOC/DME Rwy 33[1]
VOR/DME or TACAN Rwy 3[2]
VOR/DME or TACAN Rwy 21[2]
[1]ILS, Category E, 700-2½; LOC, Category E, 800-2½.
[2]Category E, NA.

CHARLESTON
EXECUTIVE (JZI).....**ILS or LOC Rwy 9**
RNAV (GPS) Rwy 4
RNAV (GPS) Rwy 9
RNAV (GPS) Rwy 27
NA when local weather not available.

CHARLOTTE, NC

CHARLOTTE/DOUGLAS
INTL (CLT) .....**ILS or LOC Rwy 23**
ILS, Categories A, B, C, D, 700-2.

CHERAW, SC

CHERAW MUNI/LYNCH BELLINGER
FIELD (CQW).....**RNAV (GPS) Rwy 26[12]**
VOR/DME Rwy 8[3]
[1]NA when local weather not available.
[2]Category C, 900-2½; Category D, 900-2¾.
[3]Category C, 900-2¼; Category D, 900-2½.

CHESTER, SC

CHESTER CATAWBA
RGNL (DCM)..... **NDB Rwy 35[1]**
RNAV (GPS) Rwy 17
RNAV (GPS) Rwy 35
NA when local weather not available.
[1]Category D, 800-2¼.

CLEMSON, SC

OCONEE COUNTY
RGNL (CEU) ..... **NDB Rwy 25**
RNAV (GPS) Rwy 7
RNAV (GPS) Rwy 25
NA when local weather not available.

CLINTON, NC

CLINTON-SAMPSON
COUNTY (CTZ).....**LOC Rwy 6**
RNAV (GPS) Rwy 6
RNAV (GPS) Rwy Y 24
RNAV (GPS) Rwy Z 24
VOR/DME-A
NA when local weather not available.

NAME ALTERNATE MINIMUMS

COLUMBIA, SC

COLUMBIA
METROPOLITAN (CAE).....**ILS or LOC Rwy 5[1]**
ILS or LOC Rwy 11[2]
ILS or LOC Rwy 29[2]
[1]ILS, Categories A, B, 800-2; Category C, 800-2¼; Category D, 800-2½; LOC, Category C 800-2¼; Category D, 800-2½.
[2]ILS, Categories C, D, 700-2.

CONCORD, NC

CONCORD
RGNL (JQF).....**ILS or LOC Rwy 20[1]**
RNAV (GPS) Rwy 2[2]
RNAV (GPS) Rwy 20[2]
Category D, 800-2½.
[1]NA when control tower closed.
[2]NA when local weather not available.

CONWAY, SC

CONWAY-HORRY
COUNTY (HYW).....**RNAV (GPS) Rwy 4**
RNAV (GPS) Rwy 22
NA when local weather not available.

CURRITUCK, NC

CURRITUCK COUNTY
RGNL (ONX).....**RNAV (GPS) Rwy 5**
RNAV (GPS) Rwy 23
NA when local weather not available.

DARLINGTON, SC

DARLINGTON COUNTY
JETPORT (UDG) .....**RNAV (GPS) Rwy 5**
RNAV (GPS) Rwy 23
VOR/DME-A
NA when local weather not available.

EDENTON, NC

NORTHEASTERN
RGNL (EDE) .....**ILS or LOC Rwy 19**
RNAV (GPS) Rwy 1
RNAV (GPS) Rwy 19
NA when local weather not available.

ELIZABETH CITY, NC

ELIZABETH CITY CG AIR STATION/
RGNL (ECG)..... **ILS or LOC Rwy 10[12]**
RNAV (GPS) Rwy 10
NA when local weather not available.
[1]ILS, Category D 700-2.
[2]ILS, LOC, NA when control tower closed.

NAME ALTERNATE MINIMUMS

ELIZABETHTOWN, NC
CARL L BROWN JR
FIELD (EYF)..... **RNAV (GPS) Rwy 15**
RNAV (GPS) Rwy 33
VOR/DME Rwy 15
NA when local weather not available.

ERWIN, NC
HARNETT RGNL
JETPORT (HRJ)..... **LOC/DME Rwy 5**
RNAV (GPS) Rwy 5
RNAV (GPS) Rwy 23
NA when local weather not available.

FAYETTEVILLE, NC
FAYETTEVILLE RGNL/GRANNIS
FIELD (FAY)..... **ILS or LOC/DME Rwy 4[2]**
RNAV (GPS) Rwy 4[3]
RNAV (GPS) Rwy 22[3]
VOR Rwy 22[1]
[1]NA when local weather not available.
[2]ILS, Category C, 700-2; Category D, 700-2¼. LOC, Category D, 800-2¼.
[3]Category D, 800-2¼.

FLORENCE, SC
FLORENCE
RGNL (FLO)..... **ILS or LOC Rwy 9[12]**
RNAV (GPS) Rwy 1
RNAV (GPS) Rwy 9
RNAV (GPS) Rwy 19
RNAV (GPS) Rwy 27
VOR or TACAN-A
NA when local weather not available.
[1]ILS, Categories A, B, C, 700-2; Category D, 700-2¼. LOC, Category D, 800-2¼.
[2]NA when control tower closed.

FRANKLIN, NC
MACON COUNTY (1A5) ..... **RNAV (GPS)-A**
NA when local weather not available.
Categories A, B, 1600-2; Category C, 1800-3.

GASTONIA, NC
GASTONIA MUNI (AKH).... **RNAV (GPS) Rwy 21**
NA when local weather not available.

GEORGETOWN, SC
GEORGETOWN
COUNTY (GGE)..... **RNAV (GPS) Rwy 23**
NA when local weather not available.
Category D, 800-2½.

NAME ALTERNATE MINIMUMS

GOLDSBORO, NC
WAYNE EXECUTIVE
JETPORT (GWW)..... **ILS or LOC Rwy 23**
RNAV (GPS) Rwy 5
RNAV (GPS) Rwy 23
VOR-A
NA when local weather not available.

GREENSBORO, NC
PIEDMONT TRIAD
INTL (GSO)..... **RNAV (GPS) Rwy 14**
RNAV (GPS) Rwy 32
NA when local weather not available.

GREENVILLE, NC
PITT-
GREENVILLE (PGV)..... **RNAV (GPS) Rwy 2**
RNAV (GPS) Rwy 8
RNAV (GPS) Rwy 20
RNAV (GPS) Rwy 26
NA when local weather not available.

GREENVILLE, SC
DONALDSON
CENTER (GYH)..... **ILS or LOC Rwy 5**
NA when local weather not available.
NA when control tower closed.

GREENVILLE
DOWNTOWN (GMU)..... **ILS or LOC Rwy 1[123]**
RNAV (GPS) Rwy 1[24]
RNAV (GPS) Rwy 10[24]
RNAV (GPS) Rwy 19[24]
RADAR-1[14]
[1]NA when control tower closed.
[2]NA when local weather not available.
[3]ILS, Category D, 700-2. LOC, Category D, 800-2¼.
[4]Category D, 800-2¼.

GREENWOOD, SC
GREENWOOD
COUNTY (GRD) ..... **NDB or GPS Rwy 27**
VOR OR GPS Rwy 9
VOR Rwy 27
NA when local weather not available.

GREER, SC
GREENVILLE-SPARTANBURG INTL-ROGER
MILLIKEN (GSP)..... **ILS or LOC/DME Rwy 4[1]**
ILS or LOC Rwy 22[1]
RADAR-1
RNAV (GPS) Rwy 4
RNAV (GPS) Rwy 22
NA when local weather not available.
[1]NA when control tower closed.

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NAME ALTERNATE MINIMUMS

HICKORY, NC
HICKORY RGNL (HKY) ..... **ILS or LOC Rwy 24[1]**
RNAV (GPS) Rwy 1
RNAV (GPS) Rwy 6
RNAV (GPS) Rwy 19
RNAV (GPS) Rwy 24
NA when local weather not available.
[1]NA when control tower closed.

JACKSONVILLE, NC
ALBERT J ELLIS (OAJ).....**ILS or LOC Rwy 5**
RNAV (GPS) Rwy 5
RNAV (GPS) Rwy 23
NA when local weather not available.

JEFFERSON, NC
ASHE COUNTY (GEV).....**LOC Rwy 28**
RNAV (GPS) Rwy 28
Categories A, B, 1100-2; Category C, 1100-3; Category D, 1500-3.
NA when local weather not available.

KENANSVILLE, NC
DUPLIN CO (DPL)..... **RNAV (GPS) Rwy 5**
RNAV (GPS) Rwy 23
NA when local weather not available.

KINGSTREE, SC
WILLIAMSBURG
RGNL (CKI)..... **RNAV (GPS) Rwy 32**
NA when local weather not available.
Category D, 1000-3.

KINSTON, NC
KINSTON RGNL JETPORT AT
STALLINGS FIELD (ISO)..... **ILS Rwy 5[12]**
RNAV (GPS) Rwy 5[3]
RNAV (GPS) Rwy 23[3]
VOR Rwy 23[1]
[1]NA when control tower closed.
[2]Category D, 700-2.
[3]NA when local weather not available.

LANCASTER, SC
LANCASTER COUNTY-MC WHIRTER
FIELD (LKR)..... **RNAV (GPS) Rwy 6**
RNAV (GPS) Rwy 24
VOR/DME-A[1]
NA when local weather not available.
[1]Categories A, B, 900-2; Category C, 900-2½; Category D, 900-2¾.

NAME ALTERNATE MINIMUMS

LEXINGTON, NC
DAVIDSON
COUNTY (EXX) .....**RNAV (GPS) Rwy 6**
RNAV (GPS) Rwy 24
VOR/DME Rwy 24
NA when local weather not available.

LINCOLNTON, NC
LINCOLNTON-LINCOLN
COUNTY RGNL (IPJ) .....**NDB Rwy 23[1]**
RNAV (GPS) Rwy 5
RNAV (GPS) Rwy 23
NA when local weather not available.
[1]Category D, 800-2¼.

LOUISBURG, NC
TRIANGE NORTH
EXECUTIVE (LHZ)..... **RNAV (GPS) Rwy 5[1]**
RNAV (GPS) Rwy 23[1]
VOR/DME-A[2]
[1]NA when local weather not available.
[2]Category D 800-2-¼.

LUMBERTON, NC
LUBERTON RGNL (LBT).....**ILS or LOC Rwy 5**
RNAV (GPS) Rwy 5
RNAV (GPS) Rwy 13
RNAV (GPS) Rwy 23
NA when local weather not available.

MANTEO, NC
DARE COUNTY
RGNL (MQI).....**RNAV (GPS) Rwy 5**
RNAV (GPS) Rwy 17
RNAV (GPS) Rwy 23
NA when local weather not available.

MAXTON, NC
LAURINBURG-
MAXTON (MEB) .....**ILS or LOC Rwy 5**
RNAV (GPS) Rwy 5
RNAV (GPS) Rwy 23
NA when local weather not available.

MONROE, NC
CHARLOTTE-MONROE
EXECUTIVE (EQY).....**RNAV (GPS) Rwy 5**
RNAV (GPS) Rwy 23
NA when local weather not available.

MORGANTON, NC
FOOTHILLS RGNL (MRN).....**LOC Rwy 3**
RNAV (GPS) Rwy 3
RNAV (GPS) Rwy 21
NA when local weather not available.

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NAME ALTERNATE MINIMUMS

MOUNT AIRY, NC
MOUNT AIRY/SURRY
COUNTY (MWK) ..... **RNAV (GPS) Rwy 18**
RNAV (GPS) Rwy 36
NA when local weather not available.
Category C, 900-2½; Category D, 1000-3.

MOUNT PLEASANT, SC
MT PLEASANT RGNL-
FAISON FIELD (LRO) ..... **RNAV (GPS) Rwy 17**
RNAV (GPS) Rwy 35
VOR/DME-A
NA when local weather not available.

MYRTLE BEACH, SC
MYRTLE BEACH
INTL (MYR) ..... **ILS or LOC Rwy 18**
ILS or LOC Rwy 36
ILS, Category D, 700-2.

NEW BERN, NC
COASTAL CAROLINA
RGNL (EWN)..... **RNAV (GPS) Rwy 4**
RNAV (GPS) Rwy 22
VOR Rwy 4
VOR Rwy 22
NA when local weather not available.

NEWBERRY, SC
NEWBERRY COUNTY (EOE)..... **NDB Rwy 22**
RNAV (GPS) Rwy 4
RNAV (GPS) Rwy 22
NA when local weather not available.

NORTH MYRTLE BEACH, SC
GRAND STRAND
(CRE) ..... **ILS or LOC/DME Rwy 23[1]**
RNAV (GPS) Rwy 5[2]
RNAV (GPS) Rwy 23[2]
VOR Rwy 5[2]
VOR Rwy 23[2]
NA when local weather not available.
[1]ILS, Category D, 700-2¼. LOC, Category D, 800-2¼.
[2]Category D, 800-2¼.

OAK ISLAND, NC
CAPE FEAR RGNL JETPORT/HOWIE
FRANKLIN FIELD (SUT) ..... **RNAV (GPS) Rwy 5**
RNAV (GPS) Rwy 23
NA when local weather not available.

NAME ALTERNATE MINIMUMS

ORANGEBURG, SC
ORANGEBURG
MUNI (OGB) ..... **RNAV (GPS) Rwy 5**
RNAV (GPS) Rwy 17
RNAV (GPS) Rwy 23
RNAV (GPS) Rwy 35
NA when local weather not available.
Category D, 800-2¼.

OXFORD, NC
HENDERSON-OXFORD (HNZ) ..... **LOC Rwy 6**
NDB Rwy 6
RNAV (GPS) Rwy 6
RNAV (GPS) Rwy 24
NA when local weather not available.

PINEHURST/SOUTHERN PINES, NC
MOORE
COUNTY (SOP)..... **RNAV (GPS) Rwy 5**
RNAV (GPS) Rwy 23
NA when local weather not available.

RALEIGH/DURHAM, NC
RALEIGH-DURHAM
INTL (RDU)..... **ILS or LOC Rwy 5L[1]**
ILS or LOC Rwy 5R[1]
ILS or LOC Rwy 23L[2]
ILS or LOC Rwy 23R[2]
VOR Rwy 32[3]
[1]ILS, Category D, 700-2.
[2]ILS, Categories A,B, 800-2; Category C, 800-2¼; Category D, 800-2½. LOC, Category C, 800-2¼; Category D, 800-2½.
[3]Category C, 800-2¼; Category D, 800-2½.

REIDSVILLE, NC
ROCKINGHAM COUNTY NC
SHILOH (SIF)..... **NDB Rwy 31**
RNAV (GPS) Rwy 13
RNAV (GPS) Rwy 31
NA when local weather not available.

ROANOKE RAPIDS, NC
HALIFAX-NORTHAMPTON
RGNL (IXA)..... **RNAV (GPS) Rwy 2**
RNAV (GPS) Rwy 20
VOR/DME Rwy 2
NA when local weather not available.

ROCK HILL, SC
ROCK HILL/YORK CO/
BRYANT FIELD (UZA)..... **RNAV (GPS) Rwy 2**
RNAV (GPS) Rwy 20
NA when local weather not available.

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NAME ALTERNATE MINIMUMS

ROCKINGHAM, NC
RICHMOND
COUNTY (RCZ) ..... **RNAV (GPS) Rwy 32**
NA when local weather not available.

ROCKY MOUNT, NC
ROCKY MOUNT-
WILSON RGNL (RWI) ..... **RNAV (GPS) Rwy 4**
RNAV (GPS) Rwy 22
VOR/DME Rwy 22
NA when local weather not available.

ROXBORO, NC
PERSON
COUNTY (TDF) ..... **RNAV (GPS) Rwy 6**
RNAV (GPS) Rwy 24
NA when local weather not available.

RUTHERFORDTON, NC
RUTHERFORD CO/MARCHMAN
FIELD (FQD) ..... **RNAV (GPS) Rwy 1**[1]
RNAV (GPS) Rwy 19
NA when local weather not available.
[1]Categories A, B, 900-2; Category C, 900-2¾; Category D, 900-3.

SANFORD, NC
RALEIGH EXECUTIVE JETPORT AT SANFORD
-LEE COUNTY (TTA) ..... **RNAV (GPS) Rwy 3**
RNAV (GPS) Rwy 21
NA when local weather not available.

SALISBURY, NC
ROWAN
COUNTY (RUQ) ..... **RNAV (GPS) Rwy 2**
RNAV (GPS) Rwy 20
NA when local weather not available.

SHELBY, NC
SHELBY-CLEVELAND
COUNTY RGNL (EHO) ..... **NDB Rwy 23**[1]
RNAV (GPS) Rwy 5
RNAV (GPS) Rwy 23
NA when local weather not available.
[1]Category C, 800-2¼; Category D, 800-2½.

SMITHFIELD, NC
JOHNSTON
COUNTY (JNX) ..... **RNAV (GPS) Rwy 3**
RNAV (GPS) Rwy 21
NA when local weather not available.
Category D, 800-2½.

NAME ALTERNATE MINIMUMS

SPARTANBURG, SC
SPARTANBURG DOWNTOWN
MEMORIAL (SPA) ..... **ILS or LOC Rwy 5**
RNAV (GPS) Rwy 5
RNAV (GPS) Rwy 23
NA when local weather not available.

STATESVILLE, NC
STATESVILLE
RGNL (SVH) ..... **RNAV (GPS) Rwy 10**
RNAV (GPS) Rwy 28
VOR/DME Rwy 10
NA when local weather not available.

SUMMERVILLE, SC
SUMMERVILLE (DYB) ..... **RNAV (GPS) Rwy 6**
RNAV (GPS) Rwy 24
NA when local weather not available.
Categories A, B, 900-2; Category C, 900-2¼.

SUMTER, SC
SUMTER
MUNI (SMS) ..... **ILS or LOC/DME Rwy 23**
RNAV (GPS) Rwy 5[1]
RNAV (GPS) Y Rwy 23
RNAV (GPS) Z Rwy 23
NA when local weather not available.
[1]Category C, 800-2¼; Category D, 800-2½.

WADESBORO, NC
ANSON COUNTY-JEFF CLOUD
FIELD (AFP) ..... **ILS or LOC Rwy 34**[1]
RNAV (GPS) Rwy 16[2]
RNAV (GPS) Rwy 34[2]
NA when local weather not available.
[1]ILS, Category C, 700-1 7/8; Category D, 700-2¼. LOC, Category D, 800-2¼.
[2]Category D, 800-2¼.

WALTERBORO, SC
LOWCOUNTRY
RGNL (RBW) ..... **RNAV (GPS) Rwy 5**
RNAV (GPS) Rwy 17
RNAV (GPS) Rwy 23
RNAV (GPS) Rwy 35
NA when local weather not available.

WASHINGTON, NC
WARREN FIELD (OCW) ..... **RNAV (GPS) Rwy 5**
RNAV (GPS) Rwy 17
RNAV (GPS) Rwy 23
RNAV (GPS) Rwy 35
VOR/DME Rwy 5[1]
NA when local weather not available.
[1]Categories C, D, 800-2½.

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NAME	ALTERNATE MINIMUMS	NAME	ALTERNATE MINIMUMS

WHITEVILLE, NC
COLUMBUS COUNTY
MUNI (CPC) ..... **NDB Rwy 6**
RNAV (GPS) Rwy 6
NA when local weather not available.

WILMINGTON, NC
WILMINGTON
INTL (ILM) ..... **ILS Y or LOC/DME Rwy 6[2]**
ILS Y or LOC Rwy 24[2]
ILS Y or LOC Rwy 35[12]
RADAR-1[1]
RNAV (GPS) Rwy 6[3]
RNAV (GPS) Rwy 17[3]
RNAV (GPS) Rwy 24[3]
RNAV (GPS) Rwy 35[3]
[1]NA when control tower closed.
[2]ILS, Category C, 700-2; Category D, 900-3;
LOC, Category D, 900-3.
[3]Category D, 900-3.

WINNSBORO, SC
FAIRFIELD
COUNTY (FDW)..... **NDB Rwy 4**
RNAV (GPS) Rwy 4
RNAV (GPS) Rwy 22
NA when local weather not available.

WINSTON-SALEM, NC
SMITH
REYNOLDS (INT) ..... **ILS or LOC Rwy 33[12]**
RNAV (GPS) Rwy 15[3,4]
RNAV (GPS) Rwy 33[3,5]
VOR/DME Rwy 15[5]
[1]NA when control tower closed.
[2]ILS,Categories B,C, 700-2,Category D,
800-2½. LOC, Category D, 800-2½.
[3]NA when local weather not available.
[4]Category D, 800-2¼.
[5]Category D, 800-2½.

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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. Altitudes, unless otherwise indicated, are minimum altitudes in MSL.

DPs specifically designed for obstacle avoidance are referred to as Obstacle Departure Procedures (ODPs) and are described below in text, or published separately as a graphic procedure. If the (Obstacle) DP is published as a graphic procedure, its name will be listed below, and it can be found in either this volume (civil), or 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 a departure procedure (i.e.,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.

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) Aircraft having two engines or less - one statute mile. (2) Aircraft having more than two engines - one-half statute mile. These standard minima apply in the absence of any different minima listed below.

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

NAME TAKEOFF MINIMUMS

AHOSKIE, NC

TRI-COUNTY (ASJ)
ORIG 11125 (FAA)

NOTE: **Rwy 1,** trees beginning at DER, 219' left of centerline, up to 100' AGL/169' MSL. Vehicles on road beginning 206' from DER, 443' left of centerline, up to 10' AGL/79' MSL. Trees beginning 457' from DER, 461' right of centerline, up to 100' AGL/169' MSL. Power lines beginning 5130' from DER, 1827' right of centerline, up to 150' AGL/219' MSL.**Rwy 19,** vehicles on road 234' from DER, 502' right of centerline, up to 10' AGL/79' MSL. Vehicles on road beginning 244' from DER, left and right of centerline, up to 15' AGL/84' MSL. Trees beginning 717' from DER, 626' right of centerline, up to 100' AGL/169' MSL. Trees beginning 277' from DER, 244' left of centerline, up to 100' AGL/169' MSL.

NAME TAKEOFF MINIMUMS

AIKEN, SC

AIKEN MUNI (AIK)
AMDT 1 08045 (FAA)

TAKEOFF MINIMUMS: **Rwy 1,**200-1¼ or std. w/ min. climb of 220' per NM to 800, or alternatively, with std. takeoff min. and a normal 200' NM climb gradient, takeoff must occur no later than 1400' prior to DER.

DEPARTURE PROCEDURE: **Rwy 19,** climb heading 186° to 1100 before turning west.

NOTE: **Rwy 1**, terrain 74' from DER, 9' left of centerline, 496' MSL. Numerous trees beginning 169' from DER, 35' left of centerline, up to 100' AGL/659' MSL. Tree 6,023' from DER, 1,609' left of centerline, up to 100' AGL/649' MSL. Terrain beginning 75' from DER, 246' right of centerline up to 496' MSL. Numerous trees beginning 1322' from DER, 241' right of centerline, up to 100' AGL/609' MSL. **Rwy 7,** terrain beginning 51' from DER, 207' right of centerline up to 499' MSL. Numerous trees beginning 1230' from DER, 550' right of centerline, up to 100' AGL/609' MSL. Numerous trees beginning 1601' from DER, 731' left of centerline, up to 56' AGL/563' MSL. **Rwy 19,** numerous trees beginning at DER, 110' right of centerline, up to 100' AGL/629' MSL. numerous trees beginning 6' from DER, 82' left of centerline, up to 100' AGL/639' MSL. **Rwy 25,** tree 1244' from DER, 766' right of centerline, 73' AGL/572' MSL. Tree 1506' from DER, 661' left of centerline, 72' AGL/561' MSL.

ALBEMARLE, NC
STANLY COUNTY (VUJ)
AMDT 1 11321 (FAA)
TAKEOFF MINIMUMS: **Rwys 4L,22R,** NA - VRF runway. **Rwy 4R,** 300-1½ or std. w/min. climb of 276' per NM to 1000.
NOTE: **Rwy 4R,** tree 4312' from DER, 374' right of centerline, 78' AGL/692' MSL. Tree 1.2 NM from DER, 2063' left of centerline, 98' AGL/837' MSL. **Rwy 22L,** trees beginning 190' from DER, 142' right of centerline, up to 82' AGL/682' MSL. Railroad 438' from DER, 403' right of centerline, 23' AGL/620' MSL.

ALLENDALE, SC
ALLENDALE COUNTY (AQX)
AMDT 1 13290 (FAA)
NOTE: **Rwy 17,** trees beginning 11' from DER, 366' right of centerline, up to 100' AGL/222' MSL. Vehicles on roadway beginning 293' from DER, 558' left of centerline, up to 15' AGL/164' MSL. Trees 342' from DER, 577' left of centerline, up to 100' AGL/214' MSL. Trees beginning 1962' from DER, 603' left of centerline, up to 100' AGL/246' MSL. **Rwy 35,** trees beginning 38' from DER, 306' right of centerline, up to 100' AGL/269' MSL. Trees beginning 95' from DER, 324' left of centerline, up to 100' AGL/289' MSL.

ANDERSON, SC
ANDERSON RGNL (AND)
ORIG 07018 (FAA)
NOTE: **Rwy 5,** multiple trees beginning 1282' from DER, 172' right of centerline, up to 93' AGL/879' MSL. Multiple trees beginning 85' from DER, 299' left of centerline, up to 89'AGL/878' MSL. **Rwy 17,** multiple trees beginning 1017' from DER, 25' right of centerline, up to 73' AGL/800' MSL. Multiple trees beginning 3' from DER, 47' left of centerline, up to 77' AGL/820' MSL. **Rwy 23,** transmission line tower and multiple trees beginning 1186' from DER, 552' left of centerline, up to 100' AGL/890' MSL. **Rwy 35,** multiple trees beginning 131' from DER, 279' right of centerline, up to 87' AGL/854' MSL. Ceilometer and tree beginning 257' from DER, 319' left of centerline, up to 73' AGL/820' MSL.

ANDREWS, NC
WESTERN CAROLINA RGNL (RHP)
AMDT 1A 10014 (FAA)
TAKEOFF MINIMUMS: **Rwys 8, 26,** max. 180 KIAS 3400-2, max. 210 KIAS 3400-2½, max. 250 KIAS 3400-3.
DEPARTURE PROCEDURE: **Rwys 8, 26,** procedure NA at night. Remain within 3 NM of Western Carolina RGNL while climbing in visual conditions to cross airport westbound at or above 4900. Then climb to 7000 via heading 251° and HARRIS (HRS) VORTAC R-356 to HRS VORTAC before proceeding on course.

ANDREWS, SC
ROBERT F. SWINE (PHH)
ORIG 02276 (FAA)
TAKEOFF MINIMUMS: **Rwy 18,** 300-1. **Rwy 36,** 400-1.
DEPARTURE PROCEDURE: **Rwys 18, 36,** climb runway heading to 500 before turning left.
NOTE: **Rwy 18,** tower 165' from DER, 500' right of centerline, 118' AGL/145' MSL. Tree 630' from DER, 350' left of centerline, 87' AGL/114' MSL. Water tank 340' from DER, 1040' right of centerline, 129' AGL/156' MSL. **Rwy 36,** tree 60' from DER, 500' left of centerline, 67' AGL/85'MSL. Tree 10' from DER, 210' right of centerline, 55' AGL/73' MSL. Tree 10' from DER, 190' left of centerline, 32' AGL/50' MSL. Tree 720' from DER, 265' right of centerline, 34' AGL/61' MSL.

ASHEBORO, NC
ASHEBORO RGNL (HBI)
AMDT 2 02332 (FAA)
TAKEOFF MINIMUMS: **Rwy 3,** std. with a min. climb of 230' per NM to 1200. **Rwy 21,** 400-2 or std. with a min. climb of 340' per NM to 1200.
DEPARTURE PROCEDURE: **Rwy 21,** climb runway heading to 1500 before turning southeast.

ASHEVILLE, NC
ASHEVILLE RGNL (AVL)
AMDT 9 13178 (FAA)
TAKEOFF MINIMUMS: **Rwy 16,** std. w/ min. climb of 250' per NM to 4500 or 3600-3 for climb in visual conditions. **Rwy 34,** std. w/ min. climb of 410' per NM to 5700 or 3600-3 for climb in visual conditions.
DEPARTURE PROCEDURE: **Rwy 16,** climb heading 164° to 4500 before proceeding on course or for climb in visual conditions: cross Asheville Rgnl airport at or above 5600 MSL before proceeding on course. When executing VCOA, notify ATC prior to departure. VCOA NA at night. **Rwy 34,** climb heading 344° to 5700 before proceeding on course or for climb in visual conditions: cross Asheville Rgnl airport at or above 5600 MSL before proceeding on course. When executing VCOA, notify ATC prior to departure. VCOA NA at night.
NOTE: **Rwy 16**, approach lights at DER, on centerline, up to 1' AGL/2111' MSL. Vehicles on road and trees beginning 141' from DER, 219' left of centerline, up to 76' AGL/2151' MSL. **Rwy 34**, trees beginning 11' from DER, 284' left of centerline, up to 44' AGL/2184' MSL. Antenna and trees beginning 543' from DER, 614' left of centerline, up to 105' AGL/2202' MSL.

BAMBERG, SC
BAMBERG COUNTY (99N)
ORIG 11013 (FAA)
TAKEOFF MINIMUMS: **Rwy 5,** 400-2½ or std. w/ min. climb of 259' per NM to 800.
NOTE: **Rwy 5,** trees beginning at DER, 500' left/right of centerline, up to 100' AGL/329' MSL. Power lines 2,527' from DER, crossing centerline, up to 100' AGL/319' MSL. Tower 2 NM from DER, 2738' right of centerline, 380' AGL/627' MSL. **Rwy 23,** trees beginning at DER, 500' left of centerline, up to 100' AGL/319' MSL.

BARNWELL, SC
BARNWELL RGNL (BNL)
AMDT 2 07214 (FAA)
TAKEOFF MINIMUMS: **Rwy 17,** 300-2½ or std. w/ min. climb of 241' per NM to 800.
DEPARTURE PROCEDURE: **Rwy 17,** climb heading 165°to 1100 before turning. **Rwy 23,** climb heading 230°to 1100 before turning south.
NOTE: **Rwy 5,** trees beginning 1959' from DER, 506' right of centerline, up to 100' AGL/329' MSL. Trees beginning 2458' from DER, 440' left of centerline, up to 100' AGL/359' MSL. **Rwy 17,** trees beginning 3225' from DER, 1092' right of centerline, up to 100' AGL/ 339' MSL. Tower 1.9 NM from DER, 3064' left of centerline, 366' AGL/544' MSL. **Rwy 23,** trees beginning 717' from DER, 237' right of centerline, up to 100' AGL/339' MSL. Trees beginning 971' from DER, 254' left of centerline, 100' AGL/349' MSL. Tree 2933' from DER, 559' left of centerline, 100' AGL/319' MSL. **Rwy 35,** trees beginning 948' from DER, 570' left of centerline, up to 100' AGL/349' MSL. Trees beginning 2805' from DER, 440' right of centerline, up to 100' AGL/359' MSL.

BEAUFORT, NC
MICHAEL J. SMITH FIELD (MRH)
AMDT 4 13122 (FAA)
TAKEOFF MINIMUMS: **Rwy 21,** 300-1 or std. w/ min. climb of 740' per NM to 300.
NOTE: **Rwy 3**, tree 41' from DER, 379' left of centerline, 58' AGL/64' MSL. Trees beginning 1030' from DER, 351' right of centerline, up to 54' AGL/62' MSL. Trees beginning 1873' from DER, 21' left of centerline, up to 100' AGL/109' MSL. Tree 2070' from DER, 106' right of centerline, 80' AGL/86' MSL. Tree 3039' from DER, 613' right of centerline, 100' AGL/114' MSL. **Rwy 8**, trees beginning 447' from DER, 140' left of centerline, up to 31' AGL/51' MSL. Tree 3609' from DER, 577' left of centerline, 100' AGL/104' MSL. **Rwy 14**, trees beginning 148' from DER, left and right of centerline, up to 100' AGL/114' MSL. **Rwy 21**, vehicles on roadway 262' from DER, left and right of centerline, up to 15' AGL/24' MSL. Trees beginning 475' from DER, 132' right of centerline, up to 100' AGL/104' MSL. Boats beginning 506' from DER, left and right of centerline, up to 77' AGL/77' MSL. Tower 2566' from DER, 925' left of centerline, 162' AGL/172' MSL. **Rwy 26**, trees beginning 52' from DER, 308' left of centerline, up to 43' AGL/49' MSL. Building and trees beginning 131' from DER, 417' right of centerline, 18' AGL/24' MSL. Boats beginning 383' from DER, left and right of centerline, up to 77' AGL/77' MSL. **Rwy 32**, trees beginning 30' from DER, 182' left of centerline, up to 100' AGL/104' MSL. Trees beginning 30' from DER, 419' right of centerline, up to 100' AGL/104' MSL. Boats beginning 452' from DER, left and right of centerline, up to 77' AGL/77' MSL.

BEAUFORT, SC
BEAUFORT COUNTY (ARW)
AMDT 1 03191 (FAA)
DEPARTURE PROCEDURE: **Rwy 7,** climb runway heading to 1700 before turning right. **Rwy 25,** climb runway heading to 300 before turning right.
NOTE: **Rwy 25,** tree 1100' from DER, 70' left of centerline, 40' AGL/50' MSL. Power line 1000' from DER, on centerline, 30' AGL/ 35' MSL.

BENNETTSVILLE, SC
MARLBORO COUNTY JETPORT-H.E. AVENT FIELD (BBP)
AMDT 1 10210 (FAA)
NOTE: **Rwy 7,** pole 97' from DER, 379' right of centerline, 35' AGL/181' MSL. Trees beginning 1415' from DER, 412' left of centerline, up to 86' AGL/232' MSL. Trees beginning 2495' from DER, 256' right of centerline, up to 89' AGL/235' MSL. **Rwy 25,** tree 77' from DER, 148' right of centerline, 18' AGL/156' MSL. Trees beginning 2681' from DER, 382' right of centerline, up to 89' AGL/227' MSL.

BOGUE MCALF (KNJM),
SWANSBORO, NC. 11153
TAKEOFF OBSTACLES: **Rwy 5,** trees 65' AGL/ 145' MSL, 1649' from DER. Trees, 125' AGL/ 145' MSL, 1252' from DER, 257' right of centerline. Trees, 125' AGL/145' MSL, 761' from DER, 262' left of centerline.

BURLINGTON, NC
BURLINGTON-ALAMANCE RGNL (BUY)
DEPARTURE PROCEDURE: **Rwy 6,** climb runway heading to 1200 before turning left.

CAMDEN, SC
WOODWARD FIELD (CDN)
AMDT 1 07298 (FAA)
TAKEOFF MINIMUMS: **Rwy 6,** 200-1¼ or std. w/ min. climb of 362' per NM to 700.
NOTE: **Rwy 6,** light 184' from DER, 500' right of centerline, 27' AGL/316' MSL. Trees beginning 867' from DER, 113' right of centerline, up to 83' AGL/373' MSL. Trees beginning 736' from DER, 256' left of centerline, up to 100' AGL/419' MSL. Water tank 5407' from DER, 1852' left of centerline, 168' AGL/487' MSL. **Rwy 14,** trees and terrain beginning 90' from DER, 68' left of centerline, up to 100' AGL/409' MSL. Trees and terrain beginning 159' from DER, 148' right of centerline, up to 100' AGL/399' MSL. **Rwy 24,** trees beginning 137' from DER, 413' right of centerline, up to 100' AGL/338' MSL. Trees beginning 234' from DER, 389' left of centerline, up to 100' AGL/347' MSL. **Rwy 32,** trees beginning 3059' from DER, 455' right of centerline, up to 100' AGL/449' MSL. Tree 5066' from DER, 858' left of centerline, 100' AGL/429' MSL.

CHAPEL HILL, NC
HORACE WILLIAMS (IGX)
AMDT 3 06215 (FAA)
DEPARTURE PROCEDURE: **Rwy 9,** climb heading 090° to 1400 before turning southwest. **Rwy 27,** climb heading 270°to 2400 before turning south.
NOTE: **Rwy 9,** trees 1084' from DER, 250' left of centerline, 82' AGL/551' MSL. Trees 785' from DER, 401' right of centerline, 56' AGL/520' MSL. **Rwy 27,** trees 200' from DER, 240' left of centerline, 43' AGL/542' MSL.

14 NOV 2013 to 12 DEC 2013
14 NOV 2013 to 12 DEC 2013

CHARLESTON, SC

CHARLESTON AFB/INTL (CHS)
AMDT 7 11237 (FAA)

NOTE: **Rwy 3,** electrical equipment, towers, and trees beginning 98' from DER, 409' right of centerline, up to 104' AGL/ 136' MSL. Tree 2653' from DER, 993' left of centerline, 100' AGL/ 139' MSL. **Rwy 15,** trees beginning 1297' from DER, 772' left of centerline, up to 100' AGL/ 119' MSL. **Rwy 33,** trees beginning 2190' from DER, 1002' right of centerline, up to 100' AGL/ 139' MSL. Trees beginning 3061' from DER, 1284' left of centerline, up to 100' AGL/ 144' MSL.

CHARLESTON EXECUTIVE (JZI)
AMDT 1 10238 (FAA)

DEPARTURE PROCEDURE: **Rwy 22,** climb heading 217°to 600 before turning right.

NOTE: **Rwy 4,** trees beginning 2473' from DER, 530' left of centerline, up to 75' AGL/85' MSL. **Rwy 22,** trees 502' from DER, 181' right of centerline, up to 100' AGL/109' MSL. Trees beginning 2183' from DER, left to right of centerline up to 100' AGL/109' MSL. **Rwy 27,** trees beginning 779' from DER, 84' left of centerline, up to 77' AGL/96' MSL. Pole 1011' from DER, 585' left of centerline, 42' AGL/61' MSL. Trees beginning 90' from DER, 273' right of centerline, up to 60' AGL/78' MSL.

CHARLOTTE, NC

CHARLOTTE/DOUGLAS INTL (CLT)
AMDT 6 13122 (FAA)

DEPARTURE PROCEDURE: **Rwy 5,** climb heading 055°to 1700 before turning right. **Rwy 36C,** climb heading 003°to 1400 before turning left. **Rwy 36L,** climb heading 003°to 1800 before turning left.

NOTE: **Rwy 5**, trees beginning 1031' from DER, 480' left of centerline, up to 127' AGL/856' MSL. **Rwy 18C**, trees beginning 1688' from DER, 735' left of centerline, up to 108' AGL/787' MSL. Trees beginning 3251' from DER, 995' right of centerline, up to 102' AGL/841' MSL. **Rwy 18L**, pole 981' from DER, 708' left of centerline, 64' AGL/763' MSL. Trees beginning 1235' from DER, 707' right of centerline, up to 88' AGL/767' MSL. Tower 4408' from DER, 1505' left of centerline, 160' AGL/850' MSL. **Rwy 23**, trees 2242' from DER, 1097' right of centerline, up to 92' AGL/811' MSL. **Rwy 36C**, trees beginning 1937' from DER, 725' left of centerline, up to 54' AGL/823' MSL. Trees beginning 1420' from DER, 309' right of centerline, up to 114' AGL/823' MSL. **Rwy 36R**, trees beginning 1476' from DER, 741' left of centerline, up to 92' AGL/851' MSL. Railroad, pole, and trees beginning 471' from DER, 93' right of centerline, up to 36' AGL/795' MSL. Tower and trees beginning 3686' from DER, 530' right of centerline, up to 93' AGL/852' MSL.

CHERAW, SC

CHERAW MUNI/LYNCH BELLINGER FIELD (CQW)
AMDT 1 07074 (FAA)

NOTE: **Rwy 8,** multiple trees 465' from DER, 176' right of centerline, up to 100' AGL/279' MSL. Power lines 845' from DER, 501' left of centerline, 65' AGL/243' MSL. Multiple trees 2407' from DER, 11' left of centerline, up to 100' AGL/279' MSL. **Rwy 26,** trees 1089' from DER, 213' left of centerline, up to 100' AGL/389' MSL. Trees 1467' from DER, 63' right of centerline, up to 100' AGL/379' MSL. Power lines 2066' from DER, 186' right of centerline, 65' AGL/243' MSL.

CHERRY POINT MCAS (CUNNINGHAM FLD) (KNKT)

CHERRY POINT, NC 08073

Rwy 5R, 14L, 23R, 32L: Diverse departures not authorized.

TAKEOFF OBSTACLES: **Rwy 5L**: Tree, 2765' from DER, 985' left of centerline, 91' MSL; Tree, 2414' from DER, 974' left of centerline, 87' MSL; Tree, 1470' from DER, 838' left of centerline, 85' MSL; Tree, 686' from DER, 678' left of centerline, 62' MSL; Tree, 1074' from DER, 497' left of centerline, 54' MSL; Tree, 780' from DER, 566' left of centerline, 50' MSL. **Rwy 14R**: Tree, 960' from DER, 727' left of centerline, 47' MSL.

CHESTER, SC

CHESTER CATAWBA RGNL (DCM)
ORIG 09015 (FAA)

NOTE: **Rwy 5,** trees beginning 383' from DER, 180' left of centerline up to 100' AGL/719' MSL. **Rwy 17,** trees beginning 54' from DER, 289' left of centerline up to 100' AGL/739' MSL. Trees beginning 164' from DER, 291' right of centerline up to 100' AGL/739' MSL. **Rwy 23,** trees beginning 163' from DER, 379' right of centerline up to 100' AGL/729' MSL. Trees beginning 3229' from DER, 726' left of centerline up to 100' AGL/779' MSL. **Rwy 35,** vehicle on road 761' from DER, 684' left of centerline up to 15' AGL/734' MSL. Trees beginning 321' from DER, 684' right of centerline up to 100' AGL/761' MSL.

CLEMSON, SC

OCONEE COUNTY RGNL (CEU)
AMDT 3 11321 (FAA)

DEPARTURE PROCEDURE: **Rwy 25,** climb heading 253° to 1900 before turning right.

NOTE: **Rwy 7,** trees beginning 8' from DER, 310' left of centerline, up to 35' AGL/909' MSL. Trees beginning 87' from DER, 93' right of centerline, up to 100' AGL/979' MSL. **Rwy 25,** trees beginning 109' from DER, 6' right of centerline, up to 100' AGL/979' MSL. Trees beginning 123' from DER, 8' left of centerline, up to 83' AGL/971' MSL. Multiple poles beginning 457' from DER, left and right of centerline, up to 48' AGL/936' MSL.

CLINTON, NC

CLINTON-SAMPSON COUNTY (CTZ)
AMDT 2 11125 (FAA)

NOTE: **Rwy 6,** trees 10' from DER, 393' right of centerline, up to 116' AGL/245' MSL. Trees 1306' from DER, 9' left of centerline, up to 100' AGL/269' MSL. **Rwy 24,** trees 14' from DER, 3' right of centerline, up to 99' AGL/188' MSL. Tree 1718' from DER, 891' left of centerline, 100' AGL/219' MSL.

COLUMBIA, SC

COLUMBIA METROPOLITAN (CAE)
AMDT 1 09239 (FAA)

NOTE: **Rwy 5,** trees beginning 127' from DER, 128' left of centerline, up to 97' AGL/286' MSL. Trees beginning 420' from DER, 21' right of centerline, up to 74' AGL/283' MSL. **Rwy 11,** trees beginning 1896' from DER, 621' left of centerline, up to 48' AGL/277' MSL. Light pole and trees beginning 1043' from DER, 723' right of centerline, up to 69' AGL/268' MSL. **Rwy 23,** trees 3573' from DER, 1191' right of centerline, up to 60' AGL/329' MSL. **Rwy 29,** trees beginning 567' from DER, 535' left of centerline, up to 87' AGL/286' MSL. Trees beginning 1045' from DER, 526' right of centerline, up to 63' AGL/332' MSL.

COLUMBIA, SC (CON'T)

JIM HAMILTON L.B. OWENS (CUB)
AMDT 3 09323 (FAA)

TAKEOFF MINIMUMS: **Rwy 31,** 600-2½ or std. with min. climb of 345' per NM to 1000.

DEPARTURE PROCEDURE: **Rwy 31,**climb heading 311°to 1500 before turning Northbound.

NOTE: **Rwy 13,** trains beginning at DER, 138' right of centerline, up to 23' AGL/202' MSL. Trees beginning 3' from DER, 88' right of centerline, up to 106' AGL/255' MSL. Trees beginning 131' from DER, 84' left of centerline, up to 97' AGL/256' MSL. **Rwy 31,** trains beginning at DER, 437' left of centerline, up to 23' AGL/222' MSL. Buildings beginning 632' from DER, 260' right of centerline, up to 372' AGL/681' MSL. Buildings beginning 1050' from DER, 20' left of centerline, up to 50' AGL/252' MSL. Tower 2.1 NM from DER, 3510' right of centerline, 422' AGL/747' MSL.

CONCORD, NC

CONCORD RGNL (JQF)
AMDT 3 10070 (FAA)

TAKEOFF MINIMUMS: **Rwy 20,**300-1¾ or std. w/ min. climb of 204' per NM to 1000, or alternatively, with standard takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 1200' prior to DER.

DEPARTURE PROCEDURE: **Rwy 2,** climb heading 016°to 2200 before proceeding on course. **Rwy 20,** climbing right turn heading 290°to intercept CLT VOR/DME R-039 outbound to 2100 before proceeding on course.

NOTE: **Rwy 2,** poles and trees beginning 2624' from DER, 688' left of centerline, up to 45' AGL/784' MSL. Trees beginning 2107' from DER, 787' right of centerline, up to 24' AGL/783' MSL. **Rwy 20,** street lights beginning 3047' from DER, 196' right of centerline, up to 105' AGL/744' MSL. Trees 1.3 NM from DER, 1544' right of centerline, up to 100' AGL/849' MSL.

CONWAY, SC

CONWAY-HORRY COUNTY (HYW)
AMDT 1A 11237 (FAA)

NOTE: **Rwy 4,** trees beginning 58' from DER, 393' left of centerline, up to 108' AGL/147' MSL. **Rwy 22,** trees beginning 184' from DER, 184' left of centerline, up to 86' AGL/125' MSL. Trees beginning 1508' from DER, 212' right of centerline, up to 73' AGL/112' MSL.

CURRITUCK, NC

CURRITUCK COUNTY RGNL (ONX)
AMDT 1 09127 (FAA)

DEPARTURE PROCEDURE: **Rwy 5,** climb heading 045°to 1300 before proceeding on course. **Rwy 23,** climb heading 240°to 4000 before turning southbound.

NOTE: **Rwy 5,** trees beginning 41' from DER, 166' left of centerline, up to 100' AGL/122' MSL. Tree 4058' from DER, 388' right of centerline, 100' AGL/124' MSL. **Rwy 23,** trees beginning 60' from DER, 384' left of centerline, up to 100' AGL/115' MSL. Trees beginning 201' from DER, 427' right of centerline, up to 100' AGL/121' MSL.

DARLINGTON, SC

DARLINGTON COUNTY JETPORT (UDG)
ORIG-A 13038 (FAA)

NOTE: **Rwy 5,** multiple trees beginning 11' from DER, 241' left of centerline, up to 97' AGL/246' MSL. Multiple trees beginning 72' from DER, 29' right of centerline, up to 97' AGL/236' MSL. **Rwy 23,** antenna 18' from DER, 263' left of centerline, 9' AGL/194' MSL. Trees beginning 241' from DER, 394' left of centerline, up to 70' AGL/249' MSL. Tree 732' from DER, 427' right of centerline, 33' AGL/212' MSL.

DILLON, SC

DILLON COUNTY (DLC)
AMDT 1 12208 (FAA)

TAKEOFF MINIMUMS: **Rwy 7,** 500-3 or std. w/min. climb of 250' per NM to 700.

DEPARTURE PROCEDURE: **Rwy 7,** climb heading 070° to 1400 before turning south. **Rwy 25,** climb heading 250°to 1900 before turning south.

NOTE: **Rwy 7,** trees beginning 77' from DER, 158' left of centerline, up to 100' AGL/214' MSL. Trees beginning 162' from DER, 494' right of centerline, up to 100' AGL/209' MSL. Tower 2.3 NM from DER, 2100' left of centerline, 370' AGL/510' MSL. **Rwy 25,** vehicles beginning 17' from DER, 313' left of centerline, up to 15' AGL/149' MSL. Vehicles beginning 28' from DER, 163' right of centerline, up to 15' AGL/149' MSL. Trees beginning 42' from DER, 256' left of centerline, up to 100' AGL/234' MSL. Trees beginning 182' from DER, 75' right of centerline, up to 100' AGL/244' MSL. Vehicles beginning 765' from DER, left and right of centerline, up to 17' AGL/156' MSL.

EDENTON, NC

NORTHEASTERN RGNL (EDE)
ORIG 09211 (FAA)

NOTE: **Rwy 1,** trees beginning 23' from DER, left and right of centerline, up to 100' AGL/117' MSL. **Rwy 19,** poles beginning 1038' from DER, 567' left of centerline, 37' AGL/47' MSL. Trees beginning 1258' from DER, left and right of centerline, up to 100' AGL/114' MSL.

ELIZABETH CITY, NC

ELIZABETH CITY COAST GUARD AIR STATION/RGNL (ECG)

NOTE: When tethered balloon located approximately 2 NM southeast of airport is flying: **Rwys 1,10,** climb runway heading to 4000 before turning south. **Rwy 19,** climb to 4000 via ECG R-160 before turning east. **Rwy 28,** climb runway heading to 4000 before turning east.

ELIZABETHTOWN, NC

CURTIS L BROWN JR FIELD (EYF)
ORIG 09183 (FAA)

DEPARTURE PROCEDURE: **Rwy 15,** climb heading 152°to 2100 before turning left. **Rwy 33,** climb heading 332°to 1100 before proceeding on course.

NOTE: **Rwy 15,** trees beginning 368' from DER, left and right of centerline, up to 100' AGL/214' MSL. **Rwy 33,** vehicle on road 177' from DER, 543' right of centerline, 15' AGL/144' MSL. Trees beginning 344' from DER, left and right of centerline, up to 100' AGL/229' MSL.

ELKIN, NC
ELKIN MUNI (ZEF)
ORIG 00223 (FAA)
TAKEOFF MINIMUMS: **Rwy 7,** 300-1 or std. with a min. climb of 270' per NM to1300. **Rwy 25,** 300-1 or std. with a min. climb of 290' per NM to 1300.
DEPARTURE PROCEDURE: **Rwys 7, 25,** climb to 3900 before turning north.

ERWIN, NC
HARNETT RGNL JETPORT (HRJ)
ORIG 07242 (FAA)
NOTE: **Rwy 5,** multiple trees beginning 1529' from DER 16' left of centerline, up to 96' AGL/297' MSL. Multiple trees beginning 2775' from DER, 111' right of centerline, up to 76' AGL/282' MSL. Multiple poles beginning 303' from DER, 445' left of centerline, up to 17' AGL/239' MSL. Pole beginning 671' from DER, 610' right of centerline, up to 38' AGL/239' MSL.
NOTE: **Rwy 23,** trees beginning 94' from DER, 206' right of centerline, up to 64' AGL/252' MSL. Trees beginning 5' from DER, 296' right of centerline, up to 59' AGL/247' MSL.

FAYETTEVILLE, NC
FAYETTEVILLE RGNL/GRANNIS FIELD (FAY)
ORIG 08213 (FAA)
NOTE: **Rwy 4,** trees beginning 154' from DER, 117' right of centerline, up to 79' AGL/189' MSL. Trees beginning 344' from DER, 240' left of centerline, up to 63' AGL/173' MSL. **Rwy 10,** trees beginning 182' from DER, 295' right of centerline, up to 43' AGL/223' MSL. Trees beginning 451' from DER, 383' left of centerline, up to 62' AGL/242' MSL. **Rwy 22,** vehicle on road 98' from DER, left and right of centerline, up to 15' AGL/186' MSL. Trees beginning 1059' from DER, 551' right of centerline, up to 94' AGL/264' MSL.

FLORENCE, SC
FLORENCE RGNL (FLO)
AMDT 5 09071 (FAA)
DEPARTURE PROCEDURE: **Rwy 1,** climb on heading 021° to 1200 prior to turning left.
NOTE: **Rwy 1,** trees beginning 1929' from DER, 29' left of centerline up to 81' AGL/224' MSL. Trees beginning 1786' from DER, 239' right of centerline up to 89' AGL/232' MSL. Poles beginning 1628' from DER, 160' left and right of centerline up to 45' AGL/188' MSL. Antenna 341' from DER, 487' left of centerline up to 47' AGL/190' MSL. Floodlight 3262' from DER, 806' left of centerline up to 103' AGL/246' MSL. Floodlight 1498' from DER, 313' left of centerline up to 39' AGL/182' MSL. **Rwy 9,** trees beginning 3016' from DER, 635' left of centerline up to 91' AGL/212' MSL. Trees beginning 121' from DER, 14' right of centerline up to 97' AGL/218' MSL. Bushes beginning 32' from DER, 289' right of centerline up to 17' AGL/138' MSL. **Rwy 19,** trees beginning 174' from DER, 273' left of centerline up to 54' AGL/166' MSL. Trees beginning 811' from DER, 23' right of centerline up 69' AGL/181' MSL. Bushes beginning 20' from DER, 338' right of centerline up to 12' AGL/125' MSL. **Rwy 27,** trees beginning 102' from DER, 389' left of centerline up to 30' AGL/159' MSL.

FRANKLIN, NC
MACON COUNTY (1A5)
ORIG 09071 (FAA)
TAKEOFF MINIMUMS: **Rwys 7, 25,** Procedure NA at night. 5700-3, for climb in visual conditions.
DEPARTURE PROCEDURE: **Rwys 7, 25,** for climb in visual conditions remain within 3 NM of Macon County airport to cross airport south bound at or above 7600 via ODF R-349 to ODF VORTAC.
NOTE: **Rwy 7,** trees 599' from DER, 124' left of centerline, up to 38' AGL/2037' MSL. Vehicle on road 964' from DER, 720' left of centerline, 15' AGL/2054' MSL. Trees 1666' from DER, 620' right of centerline, up to 100' AGL/2179' MSL. Trees beginning 3090' from DER, 1270' left of and to centerline, up to 100' AGL/3139' MSL. Trees beginning 5665' from DER, 337' right of and to centerline, up to 100' AGL/2699' MSL. **Rwy 25,** vehicle on road 63' from DER, 318' left of centerline, 15' AGL/2054' MSL. Terrain 1000' from DER, on centerline, 2061' MSL. Trees beginning 1737' from DER, 848' left of and to centerline, up to 100' AGL/3519' MSL. Trees beginning 2460' from DER, 440' right of and to centerline, up to 100' AGL/3059' MSL.

GASTONIA, NC
GASTONIA MUNI (AKH)
AMDT 5 10042 (FAA)
DEPARTURE PROCEDURE: **Rwy 3,** climb heading 049° to 2600 before proceeding West or North. **Rwy 21,** climb heading 214° to 1500 before proceeding North.
NOTE: **Rwy 3,** trees beginning 1200' from DER, 433' left of centerline, up to 80' AGL/859' MSL. Trees beginning 162' from DER, 371' right of centerline, up to 136' AGL/885' MSL. **Rwy 21,** antenna and trees beginning 269' from DER, 210' left of centerline, up to 101' AGL/880' MSL. Trees beginning 252' from DER, 264' right of centerline, up to 113' AGL/882' MSL.

GEORGETOWN, SC
GEORGETOWN COUNTY (GGE)
ORIG 78222 (FAA)
DEPARTURE PROCEDURE: **Rwys 5, 23, 29, 34,** climb runway heading to 500 before turning.

GOLDSBORO, NC
WAYNE EXECUTIVE JETPORT (GWW)
AMDT 1A 11321 (FAA)
NOTE: **Rwy 5,** tree 184' from DER, 494' right of centerline, 41' AGL/174' MSL. **Rwy 23,** trees beginning 107' from DER, 313' right of centerline, up to 109' AGL/ 242' MSL. Bush 101' from DER, 487' left of centerline, 9' AGL/142' MSL. Trees beginning 2212' from DER, 12' left of centerline, up to 98' AGL/231' MSL.

GREENSBORO, NC
PIEDMONT TRIAD INTL (GSO)
AMDT 1 09295 (FAA)
NOTE: **Rwy 5L,** trees beginning 1328' from DER, 524' left of centerline, up to 88' AGL/912' MSL. **Rwy 5R,** terrain and trees beginning 3' from DER, 499' right of centerline, up to 102' AGL/981' MSL. Trees beginning 2751' from DER, 1191' left of centerline, 57' AGL/966' MSL. **Rwy 14,** pole and railroad signal beginning 937' from DER, 604' right of centerline, up to 51' AGL/940' MSL. **Rwy 23L,** trees beginning 834' from DER, 719' left of centerline, up to 65' AGL/934' MSL. **Rwy 23R,** trees beginning 1195' from DER, 191' left of centerline, up to 100' AGL/970' MSL. Utility pole 170' from DER, 540' left of centerline, 33' AGL/936' MSL. Trees beginning 1715' from DER, 358' right of centerline, up to 100' AGL/967' MSL. **Rwy 32,** trees beginning 1' from DER, 289' right of centerline up to 90' AGL/1019' MSL.

GREENVILLE, NC
PITT-GREENVILLE (PGV)
AMDT 4 13010 (FAA)

TAKEOFF MINIMUMS: **Rwys 15, 33,** NA-closed.

NOTE: **Rwy 2,** fence beginning 247' from DER, 464' right of centerline, up to 7' AGL/33' MSL. Multiple trees beginning 999' from DER, 545' right of centerline, up to 110' AGL/136' MSL. Multiple trees beginning 3294' from DER, 578' left of centerline, up to 106' AGL/132' MSL. **Rwy 8,** multiple trees beginning 1174' from DER, 343' right of centerline, up to 99' AGL/125' MSL. Stack on building 2001' from DER, 574' right of centerline, 60' AGL/86' MSL. Obstruction light on pole 1317' from DER, 67' right of centerline, 33' AGL/59' MSL. Pole 101' from DER, 325' left of centerline, 28' AGL/54' MSL. Multiple trees beginning 180' from DER, 43' left of centerline, up to 95' AGL/121' MSL. **Rwy 20,** sign 72' from DER, 250' left of centerline, 3' AGL/23' MSL. Obstruction light on DME 492' from DER, 277' right of centerline, 24' AGL/44' MSL. Multiple trees beginning 273' from DER, 76' right of centerline, up to 134' AGL/154' MSL. Multiple trees beginning 426' from DER, 110' left of centerline, up to 148' AGL/168' MSL. Road 312' from DER, 495 left of centerline, 14' AGL/40' MSL. Transmission pole 2412' from DER, 398' left of centerline 62' AGL/87' MSL. **Rwy 26,** multiple trees beginning 268' from DER, 219' right of centerline, up to 91' AGL/117' MSL. Multiple trees beginning 1111' from DER, 139' left of centerline, up to 104' AGL/130' MSL.

GREENVILLE, SC
DONALDSON CENTER (GYH)
ORIG 07074 (FAA)

TAKEOFF MINIMUMS: **Rwy 5,** 300-1¾ or std. w/ min. climb of 220' per NM to 1300, or alternatively, w/ standard takeoff minimums and a normal 200'/ NM climb gradient, takeoff must occur no later than 1800' prior to DER.

NOTE: **Rwy 5,** antenna on obstruction light tower 1.7 NM from DER, 2183' left of centerline, 250' AGL/1167' MSL. Multiple trees beginning 1103' from DER, 151' right of centerline, up to 50' AGL/985' MSL. **Rwy 23,** stack 2761' from DER, 1152' left of centerline, 100' AGL/1026' MSL. Multiple trees beginning 2339' from DER, 231' right of centerline, up to 90' AGL/1001' MSL. Multiple trees beginning 2419' from DER, 52' left of centerline, up to 95' AGL/1020' MSL.

GREENVILLE, SC (CON'T)
GREENVILLE DOWNTOWN (GMU)
AMDT 6 12012 (FAA)

TAKEOFF MINIMUMS: **Rwy 10,** 300-2¼ or std. w/min. climb of 340' per NM to 1300. **Rwy 28,** 300-2¼ or std. w/ min. climb of 220' per NM to 1500, or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1900' prior to DER.

DEPARTURE PROCEDURE: **Rwy 1,** climb heading 006° to 2700 before turning left. **Rwy 10,** climb heading 096° to 1600 before turning left. **Rwy 19,** climb heading 186° to 1600 before turning right. **Rwy 28,** climb heading 276° to 2200 before turning right.

NOTE: **Rwy 1,** trees beginning 203' from DER, 3' right of centerline, up to 62' AGL/1179' MSL. Poles beginning 286' from DER, 207' right of centerline, up to 50' AGL/1143' MSL. Trees beginning 390' from DER, 528' left of centerline, up to 109' AGL/1123' MSL. **Rwy 10,** trees beginning 29' from DER, 188' right of centerline, up to 100' AGL/1300' MSL. Trees beginning 428' from DER, 161' left of centerline, up to 67' AGL/1051' MSL. Tower 5214' from DER, 810' left of centerline, 152' AGL/1173' MSL. **Rwy 19,** light pole 431' from DER, 527' left of centerline, 32' AGL/ 1003' MSL. Tree 2905' from DER, 903' right of centerline, 100' AGL/1075' MSL. **Rwy 28,** tree 364' from DER, 249' left of centerline, 46' AGL/1 014' MSL. Trees beginning 1038' from DER, 153' right of centerline, up to 90' AGL/1040' MSL. Building 1.9 NM from DER, 2041' right of centerline, 333' AGL/1315' MSL.

GREENWOOD, SC
GREENWOOD COUNTY (GRD)
ORIG 08017 (FAA)

NOTE: **Rwy 9,** tree 1859' from DER, 990' left of centerline, 100' AGL/719' MSL.

GREER, SC
GREENVILLE-SPARTANBURG INTL-ROGER MILLIKEN (GSP)
AMDT 1 10042 (FAA)

DEPARTURE PROCEDURE: **Rwy 4,** climb heading 038° to 2500 before turning left.

NOTE: **Rwy 4,** tree 1422' from DER, 832' right of centerline, 100' AGL/1001' MSL. Tree 1454' from DER, 146' left of centerline, 78' AGL/1023' MSL.

HARTSVILLE, SC
HARTSVILLE REGIONAL (HVS)
ORIG 08045 (FAA)

NOTE: **Rwy 3,** trees beginning 2478' from DER, 684' right of centerline, up to 100' AGL/489' MSL. trees beginning 405' from DER, 363' left of centerline, up to 100' AGL/479' MSL. Road and vehicle 59' from DER, 418' right of centerline, up to 15' AGL/374' MSL. **Rwy 21,** trees beginning 128' from DER, 255' right of centerline, up to 100' AGL/439' MSL. Trees beginning 216' from DER, 325' left of centerline, up to 100' AGL/429' MSL. Road and vehicle 11' from DER, 335' right of centerline, up to 15' AGL/364' MSL.

HATTERAS, NC
BILLY MITCHELL (HSE)
ORIG 09267 (FAA)

NOTE: **Rwy 7,** trees beginning 388' from DER, left of centerline, up to 100' AGL/169' MSL. **Rwy 25,** trees 512' from DER, 103' right of centerline, 100' AGL/110' MSL. Boat mast 2107' from DER, 664' left of centerline, 100' AGL/100' MSL.

HICKORY, NC
HICKORY RGNL (HKY)
AMDT 4 11237 (FAA)
DEPARTURE PROCEDURE: Use HICKORY DEPARTURE.

HILTON HEAD ISLAND, SC
HILTON HEAD (HXD)
ORIG 03191 (FAA)
NOTE: **Rwy 3,** numerous trees 328' from DER, 428' left of DER, 86' AGL/106' MSL. Numerous trees 319' from DER, 390' right of DER, 83' AGL/97' MSL. **Rwy 21,** numerous trees 39' from DER, 357' right of DER, 94' AGL/111' MSL. Numerous trees 368' from DER, 332' left of DER, 73' AGL/87' MSL. Numerous trees 1421' from DER, 221' right of DER, 74' AGL/91' MSL. Numerous trees 1207' from DER, 329' left of DER, 85' AGL/99' MSL.

JACKSONVILLE, NC
ALBERT J. ELLIS (OAJ)
AMDT 2 12264 (FAA)
NOTE: **Rwy 5,** vehicles on road 93' from DER, left and right of centerline, up to 15' AGL/107' MSL. Pole 1319' from DER, 830' left of centerline, 44' AGL/127' MSL. Trees beginning 1678' from DER, left and right of centerline up to 100' AGL/198' MSL. **Rwy 23,** vehicles on road 233' from DER, 221' left of centerline, up to 15' AGL/107' MSL. Trees beginning 2091' from DER, left and right of centerline, up to 100' AGL/192' MSL.

JEFFERSON, NC
ASHE COUNTY (GEV)
TAKEOFF MINIMUMS: **Rwys 10, 28,** 1900-3.
DEPARTURE PROCEDURE: **Rwys 10, 28,** climb visually over the airport to 5000 before proceeding on course.

KENANSVILLE, NC
DUPLIN COUNTY (DPL)
ORIG 09015 (FAA)
NOTE: **Rwy 5,** trees beginning 30' from DER, 156' right of centerline, up to 100' AGL/238' MSL. Trees beginning 1915' from DER, 126' left of centerline, up to 100' AGL/231' MSL. Vehicles on road 641' from DER, left and right of centerline, up to 17' AGL/156' MSL. **Rwy 23,** trees beginning 12' from DER, 329' left of centerline, up to 100' AGL/218' MSL. Trees beginning 16' from DER, 59' right of centerline, up to 100' AGL/225' MSL.

KINGSTREE, SC
WILLIAMSBURG RGNL (CKI)
AMDT 1 07018 (FAA)
TAKEOFF MINIMUMS: **Rwy 32,** 200-1 or std. w/ min. climb of 353' per NM to 300.
DEPARTURE PROCEDURE: **Rwy 14,** climb heading132°to 800 before turning north.
NOTE: **Rwy 32,** multiple trees beginning 165' from DER, 360' right of centerline, up to 71' AGL/175' MSL.

KINSTON, NC
KINSTON RGNL JETPORT AT STALLINGS FIELD (ISO)
ORIG 07298 (FAA)
DEPARTURE PROCEDURE: **Rwy 5,** climb heading 050°to 1800 before turning east.
NOTE: **Rwy 5,** multiple poles 1521' from DER, 237' right of centerline, up to 64' AGL/137' MSL. Pole 1625' from DER, 53' left of centerline, 52' AGL/128' MSL. Multiple trees 1873' from DER, 110' right of centerline, up to 73' AGL/173' MSL. **Rwy 23,** multiple trees 770' from DER, 598' left of centerline, up to 87' AGL/186' MSL, multiple trees 1092' from DER, 109' right of centerline, up to 49' AGL/148' MSL.

LAKE CITY, SC
LAKE CITY MUNI CJ EVANS FIELD (51J)
ORIG 07074 (FAA)
TAKEOFF MINIMUMS: **Rwy 1,** 500-2½ or std. w/ min. climb of 375' per NM to 700. **Rwy 19,** 300-1 or std. w/ min. climb of 404' per NM to 400.
NOTE: **Rwy 1,** tree 1474' from DER, 189' right of centerline, 62' AGL/143' MSL. Multiple towers beginning 1.6 NM from DER, 1285' left of centerline, up to 411' AGL/491' MSL. **Rwy 19,** tree 1428' from DER, 225' right of centerline, 53' AGL/134' MSL. Tank 4906' from DER, 1349' left of centerline, 180' AGL/254' MSL.

LANCASTER, SC
LANCASTER COUNTY- MCWHIRTER FIELD (LKR)
AMDT 1 09351 (FAA)
NOTE: **Rwy 6,** trees beginning 176' from DER, 394' left of centerline, up to 26' AGL/526' MSL. Vehicles on roadway 322' from DER, 401' right of centerline, up to 15' AGL/517' MSL. Trees beginning 4704' from DER, 1425' left of centerline, up to 80' AGL/630' MSL. **Rwy 24,** trees beginning 73' from DER, 492' left of centerline, up to 27' AGL/467' MSL.

LAURENS, SC
LAURENS COUNTY (LUX)
ORIG 13122 (FAA)
NOTE: **Rwy 8**, trees and bushes beginning 72' from DER, 298' right of centerline, up to 68' AGL/787' MSL. Vehicles on roadway, poles and trees beginning 929' from DER, 5' left of centerline, up to 120' AGL/789' MSL. Rising terrain and trees beginning 944' from DER, 1' right of centerline, up to 106' AGL/777' MSL. Vehicles on roadway beginning 955' from DER, left and right of centerline up to 15' AGL/734' MSL. Building 1013' from DER, 662' right of centerline, 18' AGL/729' MSL. Fence beginning 1051' from DER, 434' right of centerline, 2' AGL/723' MSL. **Rwy 26**, trees beginning 104' from DER, 470' right of centerline, up to 128' AGL/799' MSL. Trees beginning 580' from DER, 169' left of centerline, up to 117' AGL/766' MSL. Trees beginning 915' from DER, 113' right of centerline, up to 110' AGL/768' MSL.

LEXINGTON, NC
DAVIDSON COUNTY (EXX)
AMDT 1 12208 (FAA)
TAKEOFF MINIMUMS: **Rwy 6,** 300-1 or std. w/min. climb of 384' per NM to 1000.
NOTE: **Rwy 6,** trees beginning 917' from DER 34' right of centerline, up to 100' AGL/856' MSL. Trees beginning 158' from DER, 8' left of centerline, up to 100' AGL/859' MSL. Tanks 1520' from DER, 121' left of centerline, up to 110' AGL/755' MSL. **Rwy 24,** tree 53' from DER, 472' left of centerline, 100' AGL/774' MSL. Terrain beginning 150' from DER, 223' right of centerline, 754' MSL.

LIBERTY, NC
CAUSEY (2A5)
AMDT 1 97254 (FAA)
TAKEOFF MINIMUMS: **Rwys 2, 20,** 300-1.
DEPARTURE PROCEDURE: **Rwy 20,** for departures 245°CW 020°, climbing left turn direct LIB VORTAC, then proceed outbound via LIB R-256 to 3000 before proceeding on course.

LINCOLNTON, NC
LINCOLNTON COUNTY RGNL (IPJ)
AMDT 1 11125 (FAA)
DEPARTURE PROCEDURE: **Rwy 5,** climb heading 063°to 2000 before proceeding on course. **Rwy 23,** climb heading 233°to 2800 before turning left.
NOTE: **Rwy 5,** trees beginning 1913' from DER, left and right of centerline, up to 100' AGL/999' MSL. **Rwy 23,** trees beginning 1395' from DER, 41' left of centerline, up to 100' AGL/1059' MSL. Trees beginning 2068' from DER, 480' right of centerline, up to 100' AGL/1027' MSL.

LORIS, SC
TWIN CITY (5J9)
ORIG 10126 (FAA)
NOTE: **Rwy 8,** vehicles on roadway 18' from DER, 127' right of centerline, up to 15' AGL/119' MSL. Trees beginning 159' from DER, 208' right of centerline, up to 100' AGL/204' MSL. Trees beginning 169' from DER, 314' left of centerline, up to 100' AGL/204' MSL. **Rwy 26,** vehicles on roadway 9' from DER, 113' left of centerline, up to 15' AGL/119' MSL. Trees beginning 20' from DER, 182' left of centerline, up to 100' AGL/204' MSL. Hangar 81' from DER, 267' right of centerline, 50' AGL/154' MSL. Aircraft 87' from DER, 171' right of centerline, up to 30' AGL/134' MSL. Building 665' from DER, 139' left of centerline, 30' AGL/134' MSL. Building 1359' from DER, 226' right of centerline, 30' AGL/134' MSL.

LOUISBURG, NC
TRIANGLE NORTH EXECUTIVE (LHZ)
ORIG 11293 (FAA)
DEPARTURE PROCEDURE: **Rwy 5,** climb heading 046°to 1900 before turning right.
NOTE: **Rwy 5,** trees beginning 154' from DER, 516' right of centerline, up to 99' AGL/ 399' MSL. Trees beginning 166' from DER, 492' left of centerline, up to 75' AGL/ 415' MSL. Terrain 471' from DER, 394' left of centerline, 345' MSL. **Rwy 23,** vehicle on road 98' from DER, 457' right of centerline, up to 15' AGL/ 377' MSL. Power line 760' from DER, 635' right of centerline, 55' AGL/405' MSL.

LUMBERTON, NC
LUMBERTON RGNL (LBT)
AMDT 2A 13234 (FAA)
TAKEOFF MINIMUMS: **Rwy 31,** 400-1.
DEPARTURE PROCEDURE: **Rwy 31,** climb 270° heading to 600 before turning.

MANNING, SC
SANTEE COOPER RGNL (MNI)
ORIG 09043 (FAA)
NOTE: **Rwy 2,** trees beginning at DER, 480' right of centerline, up to 100' AGL/229' MSL. Trees beginning 16' from DER, 221' left of centerline, up to 100' AGL/209' MSL. Vehicle on road 85' from DER, 468' right of centerline, 15' AGL/117' MSL. **Rwy 20,** trees beginning 125' from DER, 289' right of centerline, up to 100' AGL/179' MSL. Trees beginning 86' from DER, 136' left of centerline, up to 100' AGL/189' MSL. Vehicle on road 250' from DER, on centerline, 15' AGL/110' MSL.

MANTEO, NC
DARE COUNTY RGNL (MQI)
AMDT 2 11349 (FAA)
TAKEOFF MINIMUMS: **Rwy 17,** 300-1½ or std. w/min. climb of 250' per N to 300. **Rwy 35,** 300-1½ or std. w/ min. climb of 260' per NM to 300.
NOTE: **Rwy 5,** multiple trees beginning 585' from DER, 417' left and right of centerline, up to 100' AGL/109' MSL. **Rwy 35,** multiple trees beginning 23' from DER,182' right and left of centerline, up to 100' AGL/116' MSL. Building 267' from DER, 410' right of centerline, 20' AGL/35' MSL. Ship 1 NM from DER, on centerline, 208' AGL/208' MSL.

MARION, SC
MARION COUNTY (MAO)
AMDT 1 86128 (FAA)
TAKEOFF MINIMUMS: **Rwy 4,** 400-1 or std. with a min. climb of 330' per NM to 600.
DEPARTURE PROCEDURE: **Rwy 4,** climb runway heading to 1000 before turning.

MAXTON, NC
LAURINBURG-MAXTON (MEB)
ORIG 07298 (FAA)
NOTE: **Rwy 5,** road 606' from DER, on centerline, 15' AGL/224' MSL. Trees 1002' from DER, 474' left of centerline, 67' AGL/267' MSL. **Rwy 13,** aircraft 762' from DER, 762' left of centerline, 58' AGL/266' MSL. **Rwy 23,** tree 1011' from DER, 512' right of centerline, 30' AGL/246' MSL. **Rwy 31,** trees beginning 1014' from DER, 58' left of centerline, up to 54' AGL/271' MSL.

MC ENTIRE JNGB (MMT)

EASTOVER, SC. . . . . .AMDT 1 12152

Rwy 5*

Rwy 32**

* Standard with CG of 310'/NM to 2700.

** Standard with CG of 230'/NM to 2700.

DEPARTURE PROCEDURE: Rwy 5, depart on a track of 050 to 2700' before turning on course, or as directed by ATC. **Rwy 32,** depart on a track of 320 to 700' MSL before turning on course, or as directed by ATC. Departing eastbound, complete turn within 4 NM to avoid R-6001, if unable, advise Control Tower prior to taxi. For climb in visual conditions: Ceiling 1600'/, Visibility 2.5 SM, remain within 4 NM of KMMT airport, cross KMMT airport at or above 1700' MSL before proceeding on course. Max airspeed 250 KIAS.

TAKEOFF OBSTACLES: Rwy 5, helicopters parked 136' from DER, 323' left of centerline, 17' AGL/ 276' MSL. Multiple trees left of centerline beginning 2321' out to 2917' from DER, 340' to 876' left of centerline, 70' AGL/309' MSL up to 319' MSL. Multiple trees right of centerline beginning 2193' out to 3840' from DER, 255' to 765' right of centerline, from 70' to 110' AGL/309' MSL up to 379' MSL. Multiple trees 4727' from DER, 1529' right of centerline, 130' AGL/403' MSL. **Rwy 14,** multiple trees beginning from 2328' from DER, 942' right of centerline, 110' AGL/329' MSL. Multiple trees left of centerline beginning 2400' out to 3781' from DER, 682' to 1199' left of centerline, from 90' to 91' AGL/289' to 319' MSL. Aircraft 120' from DER, 400' right of centerline, 39' AGL/255' MSL. Pylon 2665' from DER, 1713' right of centerline, 109' AGL/320' MSL. Pylon 3279' from DER, 1554' left of centerline, 109' AGL/322' MSL. Aircraft 125' from DER, 447' right of centerline, 39' AGL/255' MSL. Pylon 3282' from DER, 1553' left of centerline, 79' AGL/ 288'MSL. Pylon 2668' from DER, 1714' right of centerline, 79' AGL/286' MSL. **Rwy 23,** multiple trees right and left of centerline beginning from 2444' out to 4131' from DER, 45' to 1297' right and left of centerline, from 90' to 120' AGL/319' to 359' MSL. Aircraft 1921' from DER, 402' right of centerline, 39' AGL/288' MSL. Tower 2885' from DER, 98' right of centerline, 120' AGL/370' MSL. Building 907' from DER, 157' right of centerline, 12' AGL/259' MSL. Wind sensors 490' from DER, 531' left of centerline, 33' AGL/274' MSL. Power lines 2990' from DER, 1057' right of centerline, 35' AGL/294' MSL. Building 1356' from DER, 154' right of centerline, 18' AGL/266' MSL. Tractor 355' from DER, 434' right of centerline, 9' AGL/258' MSL. Tractor 827' from DER, 488' right of centerline, 9' AGL/258' MSL. Aircraft 1921' from DER, 400' right of centerline, 39' AGL/288' MSL. Aircraft 1440' from DER, 807' left of centerline, 39' AGL/278' MSL. Wind sensor 500' from DER, 495' left of centerline, 33' AGL/274' MSL. Building 857' from DER, 160' right of centerline, 10' AGL/259' MSL. Power lines 2991' from DER, 1055' right of centerline, 35' AGL/294' MSL. Building 1408' from DER, 155' right of centerline, 10' AGL/266' MSL. **Rwy 32,** multiple trees right of centerline beginning 3236' out to 3287' from DER, 498' to 997' right of centerline, up to 130' AGL/349' MSL. Multiple trees left of centerline beginning 3637' out to 4867' from DER, 2' to 1652' left of centerline, up to 130' AGL/329' up to 379' MSL. Localizer array 1116' from DER, 2' left of centerline, up to 5' AGL/284' MSL. Windsock 103' from DER, 417' left of centerline, up to 23' AGL/293' MSL.

MOCKSVILLE, NC

TWIN LAKES (8A7)

ORIG 07214 (FAA)

TAKEOFF MINIMUMS: **Rwy 27,** 300-1

NOTE: **Rwy 9,** numerous trees beginning 35' from DER, 27' right of centerline, up to 100' AGL/939' MSL. Numerous trees beginning 200' from DER, 164' left of centerline, up to 100' AGL/919' MSL. **Rwy 27,** numerous trees beginning 200' from DER, 78' right of centerline, up to 100' AGL/ 929' MSL. Numerous trees beginning 616' from DER, 77' left of centerline, up to 100' AGL/909' MSL.

MONCKS CORNER, SC

BERKELEY COUNTY (MKS)

ORIG 09015 (FAA)

TAKEOFF MINIMUMS: **Rwy 5,** 300-1¾ or std. w/ min. climb of 215' per NM to 400.

NOTE: **Rwy 5,** trees beginning 17' from DER, 102' right of centerline, up to 99' AGL/158' MSL. Terrain 30' from DER, 478' left of centerline, 79' MSL. Trees beginning 964' from DER, 66' left of centerline, up to 108' AGL/167' MSL. Poles beginning 467' from DER, 480' left of centerline, up to 24' AGL/103' MSL. Tower 1.4 NM from DER, 530' left of centerline, up to 228' AGL/292' MSL. **Rwy 23,** trees beginning abeam DER, 361' right of centerline, up to 100' AGL/199' MSL. Transmission poles beginning 1320' from DER, 249' right of centerline, up to 63' AGL/142' MSL. Terrain 21' from DER, 125' left of centerline, 76' MSL. Trees beginning 1141' from DER, 47' left of centerline, up to 84' AGL/163' MSL. Transmission pole 2503' from DER, 115' left of centerline, 62' AGL/141' MSL.

MONROE, NC

CHARLOTTE-MONROE EXECUTIVE (EQY)

AMDT 1 10042 (FAA)

NOTES: **Rwy 5,** trees beginning 150' from DER,202' left of centerline, up to 100' AGL/799' MSL. Vehicles on road and trees beginning 199' from DER, 259' right of centerline, up to 100' AGL/ 789' MSL.

MOORESVILLE, NC

LAKE NORMAN AIRPARK (14A)

ORIG 06327 (FAA)

TAKEOFF MINIMUMS: **Rwy 14,** std. w/ a min. climb of 294' per NM to 2900 or 1300-2½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 14,** for climb in visual conditions: cross Lake Norman Airpark at or above 2000' MSL before proceeding on course. **Rwy 32,** climb heading 324°to 1300 before proceeding on course.

NOTE: **Rwy 14,** terrain and multiple trees beginning 197' from DER, 308' left of centerline, up to 200' AGL/1099' MSL. Building and multiple trees beginning 158' from DER, 258' right of centerline, up to 100' AGL/979' MSL. **Rwy 32,** tree 559' from DER, on centerline, 42' AGL/851' MSL. Multiple trees beginning 47' from DER, 34' left of centerline, up to 101' AGL/890' MSL. Multiple trees beginning 526' from DER, 31' right of centerline, up to 97' AGL/886' MSL.

MORGANTON, NC
FOOTHILLS RGNL (MRN)
AMDT 2 11181 (FAA)

TAKEOFF MINIMUMS: **Rwy 21,** std. w/min. climb of 225' per NM to 3800.

DEPARTURE PROCEDURE: **Rwy 3,** climbing left turn direct FIQ NDB, thence ...
Rwy 21, climb direct FIQ NDB, thence ...
… continue climbing in holding pattern (Southwest, left turns, 031°inbound) to 5000 before proceeding on course.

NOTE: **Rwy 3,** trees beginning 167' from DER, 388' right of centerline, up to 100' AGL/1379' MSL. Rising terrain beginning 138' from DER, 3' right of centerline, up to 1280' MSL. Trees beginning 1180' from DER, 421' left of centerline, up to 68' AGL/1327' MSL. Rising terrain beginning 39' from DER, 223' left of centerline, up to 1277' MSL. **Rwy 21,** trees beginning 2329' from DER, 1061' right of centerline, up to 100' AGL/1339' MSL. Trees beginning 1681' from DER, 883' left of centerline, up to 100' AGL/1379' MSL.

MOUNT AIRY, NC
MOUNT AIRY/SURRY COUNTY (MWK)
AMDT 2 12152 (FAA)

DEPARTURE PROCEDURE: **Rwy 18,** climb heading 180°to 3000 then direct AZW NDB, climb in AZW NDB holding pattern (North, right turns, 179°inbound) to 5500 before proceeding on course. **Rwy 36,** climbing left turn direct AZW NDB, climb in AZW NDB holding pattern (North, right turns, 179°inbound) to 5500 before proceeding on course.

NOTE: **Rwy 18,** trees beginning 67' from DER, left and right of centerline, up to 100' AGL/1308' MSL. **Rwy 36,** power pole 408' from DER, 248' left of centerline, 55' AGL/1315' MSL. Trees beginning 1735' from DER, left and right of centerline, up to 100' AGL/1364' MSL.

MOUNT OLIVE, NC
MOUNT OLIVE MUNI (W40)
AMDT 2 13066 (FAA)

TAKEOFF MINIMUMS: **Rwy 23,** 300-1 or std. w/ min. climb of 334' per NM to 500.

NOTE: **Rwy 5,** trees beginning 971' from DER, 27' left of centerline, up to 100' AGL/267' MSL. Trees beginning 2209' from DER, 25' right of centerline, up to 100' AGL/262' MSL. Pole 454' from DER, 407' left of centerline, 17' AGL/191' MSL. Vehicle on road 363' from DER, 115' left of centerline, 15' AGL/179' MSL. Vehicle on road 321' from DER, 106' right of centerline, 15' AGL/181' MSL. GND 14' from DER, 107' right of centerline, 167' MSL. **Rwy 23,** tower 4535' from DER, 445' right of centerline, 196' AGL/355' MSL. Trees beginning 185' from DER, 108' left of centerline, up to 100' AGL/253' MSL. Trees beginning 865' from DER, 226' right of centerline, up to 100' AGL/259' MSL. Buildings beginning 110' from DER, 323' left of centerline, up to 25' AGL/181' MSL. Poles beginning 279' from DER, 43' left of centerline, up to 20' AGL/184' MSL.

MOUNT PLEASANT, SC
MT PLEASANT RGNL-FAISON FIELD (LRO)
AMDT 1 10126 (FAA)

DEPARTURE PROCEDURE: **Rwy 17,** climb heading 174°to 1400 before proceeding on course. **Rwy 35,** climb heading 354°to 1900 before turning right.

NOTE: **Rwy 17,** AAO 3.8 NM from DER, 4834' right of centerline, 200' AGL/210' MSL. **Rwy 35,** tree 1900' from DER, 921' left of centerline, 84' AGL/96' MSL. Tree 3043' from DER, 401' right of centerline, 83' AGL/95' MSL.

MYRTLE BEACH, SC
MYRTLE BEACH INTL (MYR)
AMDT 2 10042 (FAA)

NOTE: **Rwy 18,** trees beginning 1770' from DER, 664' left of centerline, up to 60' AGL/88' MSL.

NEW BERN, NC
COASTAL CAROLINA RGNL (EWN)
AMDT 4 12320 (FAA)

TAKEOFF MINIMUMS: **Rwy 14,** 300- 1 or std. w/ min. climb of 240' per NM to 300, or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1900' prior to DER. **Rwy 32,** std. w/ min. climb of 215' per NM to 800, or 1100-2½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 4,** climb heading 039° to 600 before turning north. **Rwy 32,** climb heading 316° to 800 before turning north, or for climb in visual conditions cross coastal Carolina RGNL airport at or above 1000 MSL before proceeding on course. When executing VCOA, notify ATC prior to departure.

NOTE: **Rwy 4,** signs beginning 9' from DER, 429' right of centerline, up to 45' AGL/61' MSL. Vehicles on road beginning 87' from DER, 499' left of centerline, up to 17' AGL/27' MSL. Trees, sign and vertical structure beginning 648' from DER, left and right of centerline, up to 91' AGL/104' MSL. **Rwy 14,** trees beginning 92' from DER, 257' left of centerline, up to 77' AGL/92' MSL. Trees and pole beginning 226' from DER, 146' right of centerline, up to 98' AGL/118' MSL. Trees and tower beginning 3335' from DER, 118' left of centerline, up to 120' AGL/145' MSL. Antenna 5034' from DER, 1239' left of centerline, up to 147' AGL/170' MSL. **Rwy 22,** bush beginning 101' from DER, 288' left of centerline, up to 6' AGL/16' MSL. Trees beginning 803' from DER, 56' left of centerline, up to 115' AGL/116' MSL. Trees beginning 809' from DER, 87' right of centerline, up to 134' AGL/139' MSL. Trees beginning 2977' from DER, left and right of centerline, up to 115' AGL/122' MSL. **Rwy 32**, bush and trees beginning 141' from DER, 236' left of centerline, up to 68' AGL/78' MSL. Trees beginning 718' from DER, right of centerline, up to 101' AGL/111' MSL. Trees and transmission tower 744' from DER, 31' left of centerline, up to 116' AGL/126' MSL.

NEWBERRY, SC
NEWBERRY COUNTY (EOE)
AMDT 1 08325 (FAA)

NOTE: **Rwy 4,** multiple trees beginning 1895' from DER, left and right of centerline, up to 100' AGL/659' MSL. **Rwy 22,** multiple trees beginning 500' from DER, left and right of centerline, up to 100' AGL/629' MSL.

NORTH AF AUX (KXNO)

NORTH, SC. 08157

CAUTION: **Rwy 5/23** diverse departure procedures not authorized at night. **Rwy 5/23** diverse departure not for civil use.

TAKEOFF OBSTACLES: **Rwy 5,** Terrain 1' to 40' from DER 41' to 309' left of centerline, 328' MSL. Possible vehicle on road extending across extended runway centerline 473' from DER 336' left to 711' right of centerline, 15' AGL/349' MSL. Possible C5 on taxiway 12' inward of DER 484' left of centerline, 65' AGL/387' MSL. Possible C5 on taxiway 31' inward of DER 235' left of centerline, 66' AGL/387' MSL. Building 917' from DER 641' right of centerline, 30' AGL/364' MSL. Trees 1215' to 1419' from DER 376' to 570' right of centerline, 92' AGL/398' MSL. Pylon 3627' from DER 1029' left of centerline, 79' AGL/366' MSL. **Rwy 6,** Terrain 1' to 237' from DER 85' to 563' left of centerline, 329' MSL; Possible C5 on taxiway 627' from DER 597' right of centerline, 65' AGL/387' MSL; Possible C5 on taxiway 833' from DER 374' right of centerline, 65' AGL/ 388' MSL. Trees 2412' to 2812' from DER 749' to 1197' left of centerline, 103' AGL/407' MSL; Trees 1722' to 2044' from DER 844' to 899' left of centerline, 72' AGL/381' MSL; Pylon 2363' from DER 1572' left of centerline, 79' AGL/403' MSL. **Rwy 24,** Pylon 1729' from DER, 1456' right of centerline, 79' AGL/325' MSL.

NORTH MYRTLE BEACH, SC

GRAND STAND (CRE)
ORIG 10014 (FAA)

NOTE: **Rwy 5,** vehicles on roadway 8' from DER, 455' right of centerline, up to 16' AGL/41' MSL. Trees beginning 1782' from DER, 6' right of centerline, up to 74' AGL/103' MSL. **Rwy 23,** trees beginning 43' from DER, 399' right of centerline, up to 33' AGL/58' MSL. Sign 60' from DER, 205' left of centerline, 11' AGL/36' MSL. Trees beginning 1393' from DER, 277' left of centerline, up to 62' AGL/88' MSL.

NORTH WILKESBORO, NC

WILKES COUNTY (UKF)
ORIG 90347 (FAA)

TAKEOFF MINIMUMS: **Rwy 1,** 400-1 or std. with a min. climb of 300' per NM to 1700.

OAK ISLAND, NC

CAPE FEAR RGNL JETPORT / HOWIE FRANKLIN FLD (SUT)
AMDT 1 12180 (FAA)

TAKEOFF MINIMUMS: **Rwy 5,** 400-3 or std. w/min. climb of 210' per NM to 600, or alternatively with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1500' prior to DER.

NOTE: **Rwy 5,** building, trees and towers beginning 18' from DER, 21' right of centerline, up to 92' AGL/97' MSL. Trees beginning 257' from DER, 21' left of centerline, up to 89' AGL/104' MSL. **Rwy 23,** trees beginning 42' from DER, left and right of centerline, up to 92' AGL/102' MSL.

ORANGEBURG, SC

ORANGEBURG MUNI (OGB)
AMDT 3A 10126 (FAA)

DEPARTURE PROCEDURE: **Rwy 5,** climb heading 049° to 1000 before proceeding on course. **Rwy 35,** climb heading 354° to 900 before proceeding on course.

NOTE: **Rwy 5,** trees beginning 190' from DER, 384' left of centerline, up to 100' AGL/289' MSL. Railroad 768' from DER, 407' right of centerline, 23' AGL/220' MSL. **Rwy 17,** trees beginning 2885' from DER, 1082' left of centerline, up to 100' AGL/282' MSL. Trees beginning 1132' from DER, 798' right of centerline, up to 100' AGL/257' MSL. **Rwy 23,** trees beginning 32' from DER, 45' left of centerline, up to 100' AGL/251' MSL. Power pole 1260' from DER, 127' left of centerline, 50' AGL/202' MSL. Trees beginning 870' from DER, 419' right of centerline, up to 100' AGL/259' MSL. **Rwy 35,** trees beginning 764' from DER, 703' left of centerline, up to 100' AGL/272' MSL. Trees beginning 1567' from DER, 473' right of centerline, up to 100' AGL/282' MSL. Terrain 13' from DER, 34' right of centerline, 174' MSL.

OXFORD, NC

HENDERSON-OXFORD (HNZ)
ORIG 08269 (FAA)

TAKEOFF MINIMUMS: **Rwy 24,** std. w/ min. climb of 245' per NM to 1900 or 700-3 for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 24,** for climb in visual conditions: cross Henderson-Oxford airport at or above 1100 MSL before proceeding on course.

NOTE: **Rwy 6,** trees beginning 7' from DER, 367' left of centerline, up to 100' AGL/629' MSL. **Rwy 24,** trees beginning 804' from DER, 393' left of centerline, up to 100' AGL/629' MSL.

PAGELAND, SC

PAGELAND (PYG)
ORIG 09071 (FAA)

NOTE: **Rwy 5,** trees beginning 365' from DER, 353' right of centerline, up to 100' AGL/689' MSL. Power lines 593' from DER, 93' right to 109' left of centerline, 100' AGL/679' MSL. Vehicle on road 12' from DER, 377' right of centerline, 15' AGL/582' MSL. Trees beginning 19' from DER, 455' left of centerline, up to 100' AGL/689' MSL. Vehicle on road 612' from DER, 329' left to right of centerline, 15' AGL/594' MSL. **Rwy 23,** trees beginning 29' from DER, 243' right of centerline, up to 100' AGL/679' MSL. Trees beginning 294' from DER, 290' left of centerline, up to 100' AGL/669' MSL. Vehicle on road 34' from DER, 413' left of centerline, 15' AGL/574' MSL. Power line, 1863' from DER, 987' left of centerline, 79' AGL/609' MSL.

PELION, SC

LEXINGTON COUNTY AT PELION (6J0)
ORIG 09155 (FAA)

NOTE: **Rwy 18,** trees beginning 1705' from DER, 1' right of centerline, up to 71' AGL/521' MSL. Trees beginning 429' from DER, 298' left of centerline, up to 34' AGL/484' MSL. Power poles 430' from DER, 298' left of centerline, 33' AGL/484' MSL. **Rwy 36,** trees beginning 2016' from DER, 301' right of centerline, up to 59' AGL/511' MSL.

PICKENS, SC
PICKENS COUNTY (LQK)
ORIG 09351 (FAA)
DEPARTURE PROCEDURE: **Rwy 5,** climb heading 048°to 2300 then climbing right turn via heading 120° to 3400 to intercept V20-35. **Rwy 23,** climb heading 228°to 2200 then climbing left turn via heading 120° to 3400 to intercept V20-35.
NOTE: **Rwy 5,** tree 30' from DER, 299' left of centerline, 9' AGL/1022' MSL. Vehicles on roadway, 424' from DER, left and right of centerline, up to 15' AGL/1028' MSL. Trees beginning 1531' from DER, 691' left of centerline, up to 107' AGL/1038' MSL. Tree 3019' from DER, 450' right of centerline, 120' AGL/1095' MSL. **Rwy 23,** tree 906' from DER, 269' left of centerline, 91' AGL/990' MSL. Trees beginning 1015' from DER, 466' right of centerline, up to 106' AGL/1022' MSL.

PINEHURST/SOUTHERN PINES, NC
MOORE COUNTY (SOP)
ORIG 09183 (FAA)
NOTE: **Rwy 5,** terrain 448' from DER, 343' right of centerline, 443' MSL. Trees beginning 663' from DER, 137' right of centerline, up to 100' AGL/475' MSL. Terrain 141' from DER, 329' left of centerline, 435' MSL. Trees beginning 176' from DER, 220' left of centerline, up to 100' AGL/529' MSL. **Rwy 23,** pipe 228' from DER, 431' right of centerline, 13' AGL/463' MSL. Antenna 657' from DER, 415' right of centerline, 32' AGL/482' MSL. Trees beginning 701' from DER, 422' right of centerline, up to 100' AGL/579' MSL. Trees beginning 364' from DER, 353' left of centerline, up to 100' AGL/569' MSL.

PLYMOUTH, NC
PLYMOUTH MUNI (PMZ)
AMDT 2 11349 (FAA)
TAKEOFF MINIMUMS: **Rwy 3,** 400-2 or std. w/min. climb of 270' per NM to 500.
DEPARTURE PROCEDURE: **Rwy 3,** climb heading 027°to 500 before turning left.
NOTE: **Rwy 3,** trees beginning 283' from DER, 55' left of centerline, up to 100' AGL/130' MSL. Trees beginning 109' from DER, 8' right of centerline, up to 100' AGL/130' MSL. Antenna 1.5 NM from DER, 3068' left of centerline, 347' AGL/366' MSL. **Rwy 21,** trees beginning 119' from DER, 8' left of centerline, up to 100' AGL/134' MSL. Trees beginning 123' from DER, 39' right of centerline, up to 100' AGL/134' MSL.

POPE AAF (KPOB),
FORT BRAGG, NC . . . . . Amdt 2, 13318
Rwy 5, 23: Expect radar vectors from Fayetteville Approach. **Rwy 23,** standard with minimum climb of 230 ft/NM to 1000', or 1100-3 for climb in visual conditions to 1200' MSL within 5.49 NM of KPOB airport, then proceed on course, max airspeed 250 KIAS.
TAKE-OFF OBSTACLES: **Rwy 5,** Multiple trees up to 48' AGL/234' MSL, 1492' to 1554' from DER, 776' right of centerline. Multiple trees up to 109' AGL/286' MSL, 1960' to 3435' from DER, 800' right of centerline. Multiple trees up to 110' AGL/284' MSL, 1866' to 2816' from DER, 996' left of centerline. Multiple trees up to 120' AGL/291' MSL, 2882' to 3269' from DER, 695' left of centerline. **Rwy 23,** Fence 1201' from DER, 71' left of centerline, 247' MSL. Terrain 1901' from DER, 1010' right of centerline, 268' MSL. Multiple trees 1328' to 2168' from DER, 247' right of centerline, up to 52' AGL/280' MSL. Multiple trees 2322' to 3273' from DER, 247' right of centerline, up to 97' AGL/330' MSL. Multiple trees 3385' to 4417' from DER, 389' right of centerline, up to 80' AGL/335' MSL. Multiple trees 1278' to 2100' from DER, 228' left of centerline, up to 65' AGL/300' MSL. Multiple trees 2260' to 2991' from DER, 153' left of centerline, up to 57' AGL/302' MSL. Multiple trees 3139' to 4013' from DER, 495' left of centerline, up to 85' AGL/351' MSL. Forestry Tower 2.2 NM from DER, 3399' right of centerline, 140' AGL/559' MSL. Tower 3.0 NM from DER, 1.4 NM right of centerline, 220' AGL/746' MSL. Tree 1.4 NM from DER, 2527' left of centerline, 120' AGL/473' MSL. C-5 976' from DER, 294' left of centerline, 65' AGL/274' MSL.

RAEFORD, NC
P K AIRPARK (5W4)
AMDT 1 10322 (FAA)
NOTE: **Rwy 4,** rising terrain 48' from DER, left and right of centerline, up to 332' MSL. Trees beginning 83' from DER, left and right of centerline, up to 100' AGL/429' MSL. Vehicles on road beginning 329' from DER, 189' right of centerline, up to 15' AGL/324' MSL. **Rwy 22,** terrain 42' from DER, left and right of centerline, up to 306' MSL. Trees beginning 268' from DER, left and right of centerline, up to 100' AGL/389' MSL. Vehicles on road beginning 1' from DER, left and right of centerline, up to 15' AGL/314' MSL.

RALEIGH-DURHAM, NC
RALEIGH-DURHAM INTL (RDU)
AMDT 6 10322 (FAA)
TAKEOFF MINIMUMS: **Rwy 32,** 300-1.
DEPARTURE PROCEDURE: **Rwy 14,** climb heading 142° to 1400 before turning right. **Rwy 23L,** climb heading 232°to 1900 before turning left. **Rwy 23R,** climb heading 232°to 1800 before turning left.
NOTE: **Rwy 5L,** trees 3802' from DER, 1237' left of centerline, up to 77' AGL/506' MSL. Tank and trees beginning 2011' from DER, 948' right of centerline, up to 138' AGL/547' MSL. **Rwy 5R,** trees 1436' from DER, 803' right of centerline, up to 80' AGL/469' MSL. **Rwy 14,** trees beginning 2021' from DER, 510' left of centerline, up to 116' AGL/545' MSL. Trees beginning 2467' from DER, 2' right of centerline, up to 122' AGL/571' MSL. **Rwy 23L,** trees 1495' from DER, 797' left of centerline, up to 58' AGL/447' MSL. Light pole 1457' from DER, 878' right of centerline, 93' AGL/452' MSL. **Rwy 32,** light poles beginning 1170' from DER, 618' left of centerline, up to 55' AGL/486' MSL. Hangar 1242' from DER, 753' right of centerline, 34' AGL/473' MSL. Control tower 2207' from DER, 910' right of centerline, 231' AGL/660' MSL.

REIDSVILLE, NC
ROCKINGHAM COUNTY NC SHILOH (SIF)
AMDT 2 09295 (FAA)
TAKEOFF MINIMUMS: **Rwy 31,** 400-2 or std. w/ a min. climb of 535' per NM to 1200.
NOTE: **Rwy 13,** trees beginning 40' from DER, 63' left of centerline, up to 100' AGL/768' MSL. Power pole 1192' from DER, 430' right of centerline, 30' AGL/702' MSL. Tree beginning 1539' from DER, 30' right of centerline, up to 100' AGL/755' MSL. **Rwy 31,** power pole 2054' from DER, 243' right of centerline, 30' AGL/763' MSL. Vehicle on road 31' from DER, 485' left of centerline, 15' AGL/714' MSL. Trees beginning 1164' from DER, 187' right of centerline, up to 100' AGL/1019' MSL. Trees beginning 152' from DER, 317' left of centerline, up to 100' AGL/979' MSL. Rising terrain beginning 123' from DER, 27' left of centerline, up to 939' MSL. Rising terrain beginning 64' from DER, 27' right of centerline, up to 939' MSL.

ROCK HILL, SC
ROCK HILL/YORK COUNTY/BRYANT FIELD (UZA)
AMDT 1 10042 (FAA)
NOTE: **Rwy 2,** trees beginning 99' from DER, 174' right of centerline, up to 102' AGL/747' MSL.

ROCKINGHAM, NC
RICHMOND COUNTY (RCZ)
AMDT 2 10154 (FAA)
TAKEOFF MINIMUMS: **Rwys 4, 22,** NA-Environmental.
NOTE: **Rwy 14,** multiple trees beginning 676' from DER, 20' right of centerline, up to 100' AGL/441' MSL. Multiple trees beginning 5' from DER, 75' left of centerline, up to 100' AGL/458' MSL. Train beginning 6' from DER, 355' left of centerline, 23' AGL/382' MSL. **Rwy 32,** tree 1152' from DER, 443' left of centerline, 100' AGL/399' MSL. Tree 181' from DER, 428' right of centerline, 100' AGL/429' MSL. Vehicles on roadway 34' from DER, 498' right of centerline, up to 15' AGL/364' MSL.

ROCKY MOUNT, NC
ROCKY MOUNT-WILSON RGNL (RWI)
AMDT 2 12096 (FAA)
DEPARTURE PROCEDURE: **Rwy 22,** climb heading 222°to 1200 before turning right.
NOTE: **Rwy 4,** trees 1457' from DER, 792' left of centerline, up to 58' AGL/207' MSL. Trees 2452' from DER, 751' right of centerline, up to 72' AGL/231' MSL. **Rwy 22,** trees beginning 1215' from DER, 428' left of centerline, up to 66' AGL/224' MSL. Trees 2452' from DER, 665' right of centerline, up to 45' AGL/204' MSL.

ROXBORO, NC
PERSON COUNTY (TDF)
ORIG 06215 (FAA)
NOTE: **Rwy 6,** trees 1600' from DER, 200' right of centerline, 100' AGL/729' MSL. **Rwy 24,** trees 562' from DER, 577' left of centerline, 100' AGL/699' MSL.

RUTHERFORDTON, NC
RUTHERFORD COUNTY-MARCHMAN FIELD (FQD)
AMDT 2 07354 (FAA)
TAKEOFF MINIMUMS: **Rwy 1,** std. w/ min. climb of 434' per NM to 5400, or 2800-3 for climb in visual conditions. **Rwy 19,** std. w/ min. climb of 255' per NM to 3600, or 2800-3 for climb in visual conditions.
DEPARTURE PROCEDURE: **Rwy 1,** climb heading 009° to 5400 before proceeding on course, or for climb in visual conditions cross Rutherford County/Marchman Field at or above 3700 before proceeding on course. **Rwy 19,** climb heading 189°to 3600 before proceeding on course, or for climb in visual conditions cross Rutherford County/Marchman Field at or above 3700 before proceeding on course.
NOTE: **Rwy 1,** trees abeam DER, 310' left of centerline, 100' AGL/1159' MSL. Vehicles on roadway 421' from DER, on centerline 15' AGL/1094' MSL. Trees beginning 480' from DER, on centerline, up to 100' AGL/1159' MSL. Power lines left and right of centerline, beginning 581' from DER, up to 78' AGL/1167' MSL. **Rwy 19,** trees abeam DER, 239' left of centerline, 100' AGL/1129' MSL. Trees 255' from DER, 500' right of centerline, 100' AGL/1129' MSL. Trees 1937' from DER, on centerline, 100' AGL/1119' MSL.

ST. GEORGE
ST. GEORGE (6J2)
ORIG 08101 (FAA)
NOTE: **Rwy 5,** tree 3021' from DER, 186' left of centerline, 100' AGL/175' MSL. **Rwy 23,** tree 1401' from DER, 259' right of centerline, 100' AGL/178' MSL.

SALISBURY, NC
ROWAN COUNTY (RUQ)
AMDT 1 11181 (FAA)
TAKEOFF MINIMUMS: **Rwy 20,** 400 - 2¾ or std. w/min. climb of 204' per NM to 1300, or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1300' prior to DER.
DEPARTURE PROCEDURE: **Rwy 20,** climb heading 160° to 1500 before turning west.
NOTE: **Rwy 2,** trees beginning 106' from DER, 474' right of centerline, up to 68' AGL/787' MSL. **Rwy 20,** trees beginning 167' from DER, 17' right of centerline, up to 114' AGL/913' MSL. Trees beginning 1323' from DER, 4' left of centerline, up to 97' AGL/896' MSL. Building 669' from DER, 361' left of centerline, 25' AGL/788' MSL.

SALUDA, SC
SALUDA COUNTY (6J4)
ORIG 09351 (FAA)
TAKEOFF MINIMUMS: **Rwy 19,** 300-2 or std. w/ min. climb of 207' per NM to 900, or alternatively, with standard takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 1400' prior to DER.
NOTE: **Rwy 1,** numerous trees beginning abeam DER, 40' left of centerline, up to 66' AGL/635' MSL. Numerous trees beginning abeam DER, 35' right of centerline, up to 100' AGL/649' MSL. **Rwy 19,** numerous trees beginning abeam DER, 20' left of centerline, up to 43' AGL/552' MSL. Numerous trees beginning abeam DER, 30' right of centerline, up to 100' AGL/639' MSL.

SANFORD, NC
RALEIGH EXEC JETPORT AT SANFORD-LEE COUNTY (TTA)
AMDT 1 11237 (FAA)
DEPARTURE PROCEDURE: **Rwy 3,** climb heading 029°to 1100 before turning right. **Rwy 21,** climb heading 209°to 1500 before turning left.
NOTE: **Rwy 3,** trees beginning 3313' from DER, 380' right of centerline, up to 89' AGL/318' MSL. **Rwy 21,** trees beginning 89' from DER, 435' right of centerline, up to 29' AGL/259' MSL.

SEYMOUR JOHNSON AFB (KGSB)
GOLDSBORO, NC . . . . . AMDT 1, 13122
TAKE-OFF MINIMUMS: **Rwy 26,** 200-1½ or standard with minimum climb of 210'/NM to 500' or with standard minimums and a standard 200'/NM climb gradient, takeoff must occur no later than 1300' prior to DER.
TAKE-OFF OBSTACLES: **Rwy 26,** Trees 110' AGL/235' MSL, 1.2 NM from DER, 1155' left of centerline.

SHAW AFB (KSSC)
SUMTER, SC . . . . . ORIG 07214
TAKE-OFF OBSTACLES: **Rwy 4R,** Terrain 500' left of centerline at the threshold, 235' MSL. **Rwy 22L,** Radio Tower 5137' from DER, 1701' left of centerline, 140' AGL/370' MSL; Glideslope Antenna 563' from DER, 500' right of centerline, 40' AGL/293' MSL. **Rwy 22R,** Terrain 253' from DER, 568' right of centerline, 244' MSL.

SHELBY, NC
SHELBY-CLEVELAND COUNTY RGNL (EHO)
ORIG 09015 (FAA)
NOTE: **Rwy 5,** trees beginning 74' from DER, 394' left of centerline, up to 99' AGL/899' MSL. Trees beginning 2018' from DER, 804' right of centerline, up to 100' AGL/919' MSL.
Rwy 23, trees beginning 186' from DER, 148' left of centerline, up to 93' AGL/903' MSL.

SILER CITY, NC
SILER CITY MUNI (5W8)
AMDT 1 10322 (FAA)
DEPARTURE PROCEDURE: **Rwy 4,** 300-2 or std. w/ min. climb of 340' per NM to 1000. **Rwy 22,** 300-1¼ or std. w/ min. climb of 300' per NM to 900.
NOTE: **Rwy 4,** trees beginning 133' from DER, left and right of centerline, up to 100' AGL/869' MSL. Vehicles on road 687' from DER, 180' left of centerline, up to 15' AGL/634' MSL. **Rwy 22,** buildings beginning 438' from DER, 180' right of centerline, up to 35' AGL/634' MSL. Trees beginning 229' from DER, left and right of centerline, up to 100' AGL/779' MSL. Vehicles on road 26' from DER, left and right of centerline, up to 15' AGL/624' MSL.

SIMMONS AAF (KFBG)
FORT BRAGG, NC . . . . . .AMDT 2A, 13010
Rwy 27, 400-2½*
* Or standard with minimum climb of 230 ft/NM to 700.
DEPARTURE PROCEDURE: **Rwy 27,** climb heading 273°to 800 before proceeding on course.
TAKEOFF OBSTACLES: **Rwy 9,** Terrain 233' MSL, beginning 80' from DER, 27' right of centerline. **Rwy 27,** Terrain 283' MSL, beginning 105' from DER, left and right of centerline. Antenna, 292' AGL/584' MSL, 1.9 NM from DER, 3586' right of centerline.

SMITHFIELD, NC
JOHNSTON COUNTY (JNX)
AMDT 3 10238 (FAA)
TAKEOFF MINIMUMS: **Rwy 3,** 300-1½ or std. w/ min climb of 215' per NM to 500, 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 21,** 500-2¾ or std. w/ min climb of 265' per NM to 800.
DEPARTURE PROCEDURE: **Rwy 3,** climb heading 032°to 1500 before turning west. **Rwy 21,** climb heading 212°to 1000 before turning northwest.
NOTE: **Rwy 3,** trees beginning 35' from DER, 486' right of centerline, up to 64' AGL/251' MSL. Poles beginning 2022' from DER, 228' right of centerline, up to 44' AGL/232' MSL. Trees beginning 4352' from DER, 543' left of centerline, up to 100' AGL/349' MSL. Poles beginning 2114' from DER, 69' left of centerline, up to 41' AGL/234' MSL. **Rwy 21,** trees beginning 1' from DER, 492' right of centerline, up to 20' AGL/167' MSL. Trees beginning 60' from DER, 478' left of centerline, up to 46' AGL/192' MSL. Tower 2.3 NM from DER, 2883' right of centerline, 380' AGL/614' MSL.

SPARTANBURG, SC
SPARTANBURG DOWNTOWN MEMORIAL (SPA)
AMDT 1 11349 (FAA)
NOTE: **Rwy 5,** vehicles on roadway beginning 20' from DER, left to right of centerline, up to 15' AGL/802' MSL. Trees beginning 189' from DER, 402' right of centerline, up to 100' AGL/857' MSL. Trees beginning 1260' from DER, 660' left of centerline, up to 139' AGL/837' MSL. **Rwy 23,** rising terrain beginning 10' from DER, on centerline, up to 793' MSL. Trees beginning 136' from DER, 451' left of centerline, up to 67' AGL/825' MSL. Trees beginning 3390' from DER, 301' right of centerline, up to 100' AGL/936' MSL. Trees beginning 3476' from DER, 208' left of centerline, up to 87' AGL/884' MSL.

STATESVILLE, NC
STATESVILLE RGNL (SVH)
ORIG 05300 (FAA)
TAKEOFF MINIMUMS: **Rwy 28,** 300-1¾ or std. with a min. climb of 220' per NM to 1300.
NOTE: **Rwy 28,** power line tower 8880' from DER, 858' right of centerline, 180' AGL/1199' MSL.

SUMMERVILLE, SC
SUMMERVILLE (DYB)
AMDT 1 10210 (FAA)
DEPARTURE PROCEDURE: **Rwy 6,** climb heading 056°to 600 before turning left. **Rwy 24,** climb heading 236°to 800 before turning right.
NOTE: **Rwy 6,** vehicles on road beginning 7' from DER, left and right of centerline, up to 15' AGL/64' MSL. Trees beginning 556' from DER, left and right of centerline, up to 100' AGL/154' MSL. **Rwy 24,** tree 58' from DER, 459' left of centerline, 84' AGL/114' MSL.

SUMTER, SC
SUMTER (SMS)
AMDT 1 09295 (FAA)
TAKEOFF MINIMUMS: **Rwys 14, 32,** NA-VFR only. **Rwy 23,** std. w/ a min. climb of 221' per NM to 800 or 900-2½ for climb in visual conditions.
DEPARTURE PROCEDURE: **Rwy 23,** for climb in visual conditions: cross Sumter airport at or above 900 MSL before proceeding on course.
NOTE: **Rwy 23,** trees beginning 2876' from DER, 559' left of centerline, up to 72' AGL/251' MSL. Trees beginning 117' from DER, 210' right of centerline, up to 86' AGL/265' MSL.

TARBORO, NC
TARBORO-EDGECOMBE (ETC)
ORIG 93173 (FAA)
DEPARTURE PROCEDURE: **Rwy 27,** climb runway heading to 500 before turning.

UNION, SC
UNION COUNTY, TROY SHELTON FIELD (35A)
AMDT 1 13234 (FAA)
NOTE: **Rwy 5,** trees beginning 1006' from DER, 20' right of centerline, up to 100' AGL/759' MSL. **Rwy 23,** trees beginning 2115' from DER, 20' left of centerline, up to 100' AGL/679' MSL.

WADESBORO, NC
ANSON COUNTY-JEFF CLOUD FIELD (AFP)
AMDT 2 11069 (FAA)
TAKEOFF MINIMUMS: **Rwy 16,** 400-2¼ or std. w/min. climb of 220' per NM to 800, or alternatively, with std. takeoff minimums and a normal 200' per NM climb gradient, TAKEOFF must occur no later than 1900' prior to DER.
NOTE: **Rwy 16,** trees beginning 64' from DER, 298' left of centerline, up to 70' AGL/359' MSL. Terrain beginning 112' from DER, 375' right of centerline, up to 0' AGL/311' MSL. Trees 1.8 NM from DER, 2732' left of centerline, up to 100' AGL/609' MSL. **Rwy 34,** trees beginning 722' from DER, 39' left of centerline, up to 84' AGL/403' MSL. Trees beginning 446' from DER, 9' right of centerline, up to 85' AGL/384' MSL.

WALLACE, NC
HENDERSON FIELD (ACZ)
ORIG 09071 (FAA)
TAKEOFF MINIMUMS: **Rwy 9,** 300-1 or std. w/ min. climb of 389' per NM to 400.
NOTE: **Rwy 9,** trees 2329' from DER, 462' left of centerline, 100' AGL/119' MSL. Pole 5056' from DER, 1074' left of centerline, 183' AGL/216' MSL. **Rwy 27,** vehicles on roadway 299' from DER, 421' right of centerline, 15' AGL/54' MSL. Trees 4916' from DER, 1296' left of centerline, 100' AGL/169' MSL.

WALNUT COVE, NC
MEADOW BROOK FIELD (N63)
AMDT 2 12320 (FAA)
TAKEOFF MINIMUMS: **Rwy 16,** 500-3 or std. w/ min. climb of 324' per NM to 2000. **Rwy 34,** 600-3 w/ min. climb of 229' per NM to 1400 or 1800-3 for climb in visual conditions.
DEPARTURE PROCEDURE: **Rwy 16,** climb heading 166° to 1400 before proceeding on course. **Rwy 34,** climb heading 001° to 2800 before turning West or for climb in visual conditions: cross Meadow Brook Field airport at or above 2300 before proceeding on course. When executing VCOA, notify ATC prior to departure.
NOTE: **Rwy 16,** vehicle on road 428' from DER, 591' left of centerline, up to 15' AGL/674' MSL. Trees beginning 541' from DER, 618' right of centerline, up to 65' AGL/804' MSL. Power line 2525' from DER, 226' right of centerline, 79' AGL/716' MSL. Tank 5738' from DER, 742' right of centerline, 157' AGL/863' MSL. Terrain 1.7 NM from DER, 2265' right of centerline, 999' MSL. **Rwy 34,** tree 1071' from DER, 517' right of centerline, 100' AGL/784' MSL. Trees beginning 1056' from DER, 844' left of centerline, up to 65' AGL/744' MSL. Trees 1.9 NM from DER, left and right of centerline, up to 100' AGL/ 1019' MSL.

WALTERBORO, SC
LOW COUNTRY RGNL (RBW)
AMDT 2 13122 (FAA)
NOTE: **Rwy 5,** electrical system 28' from DER, 125' left of centerline, 3' AGL/103' MSL. Electrical system 29' from DER, 125' right of centerline, 2' AGL/102' MSL. Pole 139' from DER, 396' left of centerline, 4' AGL/105' MSL. Trees beginning 1787' from DER, 242' right of centerline, up to 54' AGL/158' MSL. Trees beginning 1903' from DER, 230' left of centerline, up to 54' AGL/186' MSL. Trees beginning 2898' from DER, 488' right of centerline, up to 75' AGL/196' MSL. **Rwy 9,** terrain beginning 51' from DER, 195' left of centerline, up to 96' MSL. **Rwy 17,** trees beginning 1487' from DER, 441' right of centerline, up to 106' AGL/167' MSL. Tree 1579' from DER, 836' left of centerline, 117' AGL/176' MSL. **Rwy 23,** trees beginning 15' from DER, 499' right of centerline, up to 80' AGL/161' MSL. Trees beginning 1493' from DER, 10' right of centerline, up to 80' AGL/192' MSL. Trees beginning 1492' from DER, 15' left of centerline, up to 86' AGL/200' MSL. **Rwy 27,** tank 4946' from DER, 151' right of centerline, 140' AGL/219' MSL.

WASHINGTON, NC
WARREN FIELD (OCW)
AMDT 1 88182 (FAA)
TAKEOFF MINIMUMS: **Rwy 23,** 300-1 or std. with a min. climb of 250' per NM to 300.
DEPARTURE PROCEDURE: **Rwys 17, 29, 35,** climb runway heading to 400 before turning.

WAXHAW, NC
JAARS-TOWNSEND (N52)
ORIG 09071 (FAA)
TAKEOFF MINIMUMS: **Rwy 4,** 300-1 or std. w/ min. climb of 255' per NM to 900, or alternatively, with standard takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 2200' prior to DER.
NOTE: **Rwy 4,** trees beginning 3' from DER, left and right of centerline, up to 100' AGL/759' MSL. **Rwy 22,** trees beginning 2' from DER, left and right of centerline, up to 100' AGL/709' MSL.

WHITEVILLE, NC
COLUMBUS COUNTY MUNI (CPC)
ORIG 09183 (FAA)
NOTE: **Rwy 6,** trees beginning 2145' from DER, 553' right of centerline, up to 100' AGL/189' MSL. Trees beginning 2690' from DER, 838' left of centerline, up to 100' AGL/169' MSL. **Rwy 24,** trees beginning 1706' from DER, 831' right of centerline, up to 100' AGL/209' MSL. Trees beginning 732' from DER, 396' left of centerline, up to 100' AGL/209' MSL.

WILLIAMSTON, NC
MARTIN COUNTY (MCZ)
ORIG 07214 (FAA)
NOTE: **Rwy 3,** trees beginning 158' from DER, 98' right of centerline, up to 100' AGL/172' MSL. Trees beginning 3041' from DER, 168' left of centerline up to 100' AGL/172' MSL. **Rwy 21,** trees beginning 130' from DER, 57' right of centerline up to 100' AGL/168' MSL. Trees beginning 1393' from DER, 411' left of centerline up to 100' AGL/168' MSL. Vehicle on road 428' from DER, 15' AGL/80' MSL.

WILMINGTON, NC
WILMINGTON INTL(ILM)
AMDT 1 07130 (FAA)
NOTE: **Rwy 6,** tree 2723' from DER, 558' left of centerline 57' AGL/90' MSL. Tree 3201' from DER, 401' right of centerline 73' AGL/110' MSL. Tree 3552' from DER, 643' right of centerline, 78' AGL/118' MSL. **Rwy 17,** multiple trees beginning 177' from DER, 438' right of centerline, up to 32' AGL/49' MSL. Tree 187' from DER, 545' left of centerline, 24' AGL/41' MSL. Multiple trees beginning 418' from DER, 540' left of centerline, up to 39' AGL/53' MSL. Tree 620' from DER, 246' left of centerline, 24' AGL/38' MSL. Tree 1468' from DER, 684' right of centerline, 66' AGL/83' MSL. Tree 1689' from DER, 592' right of centerline, 52' AGL/69' MSL. Transmission lines 3347' from DER, 1300' left to 1300' right of centerline, 135' AGL/160' MSL. **Rwy 24,** tree 163' from DER, 454' left of centerline, 61' AGL/75' MSL. Multiple trees beginning 1663' from DER, 277' left of centerline, up to 66' AGL/83' MSL. **Rwy 35,** tree 1500' from DER, 300' right of centerline, 50' AGL/83' MSL. Funnel 1796' from DER, 882' left of centerline, 57' AGL/90' MSL. Multiple trees beginning 1916' from DER, 138' right of centerline, up to 94' AGL/131' MSL. Multiple trees beginning 2486' from DER, 143' left of centerline, up to 107' AGL/140' MSL.

WILSON, NC
WILSON INDUSTRIAL AIR CENTER (W03)
ORIG 86296 (FAA)
DEPARTURE PROCEDURE: For departures 260°CW 320°: **Rwy 27,** climbing left turn to 2500 on heading 260° before proceeding on course. **Rwys 15, 21,** climbing right turn to 2500 on heading 260° before proceeding on course. **Rwys 3, 9, 33,** climbing left turn to 2500 on heading 320° before proceeding on course.

WINNSBORO, SC
FAIRFIELD COUNTY (FDW)
ORIG 10322 (FAA)
NOTE: **Rwy 4,** trees beginning 46' from DER, 241' right of centerline, up to 32' AGL/588' MSL. Trees beginning 68' from DER, 261' left of centerline, up to 88' AGL/613' MSL. Trees beginning 517' from DER, 25' right of centerline, up to 100' AGL/640' MSL. Trees beginning 533' from DER, 23' left of centerline, up to 97' AGL/620' MSL. **Rwy 22,** poles beginning 70' from DER, 399' left of centerline, up to 46' AGL/624' MSL. Trees beginning 163' from DER, 43' left of centerline, up to 57' AGL/632' MSL. Pole 666' from DER, 436' right of centerline, 44' AGL/609' MSL. Trees beginning 708' from DER, 28' right of centerline, up to 68' AGL/633' MSL. Trees beginning 1528' from DER, 13' right of centerline, up to 87' AGL/645' MSL. Trees beginning 1597' from DER, 100' left of centerline, up to 111' AGL/669' MSL.

WINSTON-SALEM, NC
SMITH REYNOLDS (INT)
AMDT 6 09015 (FAA)
TAKEOFF MINIMUMS: **Rwy 22,** 500-2¾ or std. with a min. climb of 330' per NM to 1600.
NOTE: **Rwy 4,** multiple trees beginning 1014' from DER, 159' left of centerline, up to 92' AGL/1041' MSL. Multiple trees beginning 2' from DER, 195' right of centerline, up to 62' AGL/1051' MSL. **Rwy 15,** bush and multiple trees beginning 109' from DER, 237' left of centerline, up to 81' AGL/960' MSL. Multiple trees beginning 123' from DER, 433' right of centerline, up to 66' AGL/945' MSL. **Rwy 22,** multiple trees beginning 376' from DER, 136' left of centerline, up to 65' AGL/1014' MSL. Antenna 4538' from DER, 1044' left of centerline, 189' AGL/1138' MSL. Tower 2.1 NM from DER, 2784' left of centerline, 468' AGL/1395' MSL. Antenna on building 2.3 NM from DER, 3230' left of centerline, 460' AGL/1376' MSL. **Rwy 33,** floodlight, multiple hangars, poles, and trees beginning 230' from DER, 41' left of centerline, up to 74' AGL/1083' MSL. Pole, windsock, multiple buildings and trees beginning 13' from DER, 141' right of centerline, up to 85' AGL/1084' MSL.

14 NOV 2013 to 12 DEC 2013
14 NOV 2013 to 12 DEC 2013