INSTRUMENT APPROACH PROCEDURE CHARTS

IFR ALTERNATE AIRPORT MINIMUMS

Standard alternate minimums for non-precision approaches and approaches with vertical guidance [NDB, VOR, LOC, TACAN, LDA, SDF, VOR/DME, ASR, RNAV (GPS) or RNAV (RNP)] are 800-2. Standard alternate minimums for precision approaches (ILS, PAR, or GLS) are 600-2. 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, absence of weather reporting service, or lack of adequate navigation coverage. Civil pilots see FAR 91. IFR Alternate Minimums: Ceiling and Visibility Minimums not applicable to USA/USN/USAF. Pilots must review the IFR Alternate Minimums Notes for alternate airfield suitability.

NAME ALTERNATE MINIMUMS

ALLENTOWN, PA

LEHIGH VALLEY
INTL (ABE) ..... **ILS or LOC Rwy 13[1]**
RNAV (GPS) Rwy 13[2]

[1]Categories A, B, 900-2; Category C, 900-2½; Category D, 1300-3.
[2]Category C, 800-2¼; Category D, 1300-3.

ALLENTOWN QUEEN
CITY MUNI (XLL) ..... **RNAV (GPS) Rwy 7**
VOR-B[1]

NA when local weather not available
[1]Categories A, B, 900-2; Category C, 900-2½.

ALTOONA, PA

ALTOONA-BLAIR
COUNTY (AOO)..... **ILS or LOC Rwy 21[12]**
RNAV (GPS) Rwy 3[5]
RNAV (GPS) Rwy 21[13]
RNAV (GPS) Y Rwy 3[13]
RNAV (GPS) Z Rwy 3[1]
VOR-A1[14]

[1]NA when local weather not available.
[2]ILS, Categories A, B, 800-2; Category C, 1300-3; Category D, 1400-3; LOC, Category C, 1300-3; Category D, 1400-3.
[3]Category D, 1200-3.
[4]Categories A, B, 1000-2; Category C, 1000-2¾; Category D, 1200-3.
[5]Categories A, B, 900-2; Category C, 900-2½, Category D, 1200-3.

NAME ALTERNATE MINIMUMS

BECKLEY, WV

RALEIGH COUNTY
MEMORIAL (BKW) ..... **ILS or LOC Rwy 19[12]**
RNAV (GPS) Rwy 1[13]
RNAV (GPS) Rwy 10[13]
RNAV (GPS) Rwy 19[13]
RNAV (GPS) Rwy 28[14]
VOR Rwy 10[13]

[1]NA when local weather not available.
[2]ILS, Categories A, B, C, 700-2; Category D, 700-2¼. LOC, Category D, 800-2¼.
[3]Category D, 800-2¼.
[4]Categories A, B, 900-2; Category C, 900-2½; Category D, 900-2¾.

BLUEFIELD, WV

MERCER
COUNTY (BLF).....**ILS or LOC Rwy 23[1]**
RNAV (GPS) Rwy 5[2]
RNAV (GPS) Rwy 23[3]
VOR/DME Rwy 23[2]

NA when local weather not available.
[1]ILS, Categories A, B, 700-2; Category C, 800-2; Category D, 800-2¼. LOC, Category D, 800-2¼.
[2]Category D, 800-2¼.
[3]Category C, 800-2¼; Category D, 800-2½.

BRADFORD, PA

BRADFORD
RGNL (BFD) .....**RNAV (GPS) Rwy 14**
RNAV (GPS) Rwy 32
VOR Rwy 14[1]
VOR/DME Rwy 14

NA when local weather not available.
[1]Category C, 800-2½; Category D, 800-2¾.

18 AUG 2016 to 15 SEP 2016
18 AUG 2016 to 15 SEP 2016

NAME ALTERNATE MINIMUMS

BUCKHANNON, WV
UPSHUR COUNTY
RGNL (W22)..... **RNAV (GPS) Rwy 11**
RNAV (GPS) Rwy 29
NA when local weather not available.

BUTLER, PA
BUTLER COUNTY/K.W. SCHOLTER
FIELD (BTP).....**ILS or LOC Rwy 8**
RNAV (GPS) Rwy 8
RNAV (GPS) Rwy 26
NA when local weather not available.

CHARLESTON, WV
YEAGER (CRW) ..... **ILS or LOC Rwy 23[2]**
LOC Rwy 5[5]
RNAV (GPS) Y Rwy 5[4]
RNAV (RNP) Z Rwy 5[1]
VOR-A[3]
[1]ILS, Categories A, B, C, D, 800-2½.
[2]ILS, Categories A, B, C, 700-2; Category D, 700-2¼. LOC, Category D, 800-2¼.
[3]Category D, 800-2¼.
[4]Category C, 800-2¼; Category D, 1000-3.
[5]Category C, 900-2½; Category D, 900-2¾.

CLARKSBURG, WV
NORTH CENTRAL
WEST VIRGINIA (CKB)..... **ILS or LOC Rwy 21[12]**
RNAV (GPS) Rwy 3[4]
RNAV (GPS) Rwy 21[3]
VOR-A[4]
NA when local weather not available.
[1]NA when control tower closed.
[2]ILS, Category A, 800-2; Category B, 900-2; Categories C, D, 1100-3; LOC, Category B, 900-2; Categories C, D, 1100-3.
[3]Category B, 900-2; Categories C, D, 1100-3.
[4]Category D, 900-2¾.

CLEARFIELD, PA
CLEARFIELD-
LAWRENCE (FIG)..... **RNAV (GPS) Rwy 12[1]**
RNAV (GPS) Rwy 30[2]
NA when local weather not available.
[1]Category C, 800-2¼.
[2]Category D, 900-2¾.

COATESVILLE, PA
CHESTER COUNTY
G O CARLSON (MQS) .....**ILS or LOC Rwy 29**
RNAV (GPS) Rwy 11
RNAV (GPS) Rwy 29
NA when local weather not available.

NAME ALTERNATE MINIMUMS

DOYLESTOWN, PA
DOYLESTOWN (DYL) .....**RNAV (GPS) Rwy 5**
RNAV (GPS) Rwy 23
VOR/DME Rwy 23
NA when local weather not available.

DUBOIS, PA
DUBOIS RGNL (DUJ) .....**ILS or LOC Rwy 25**
RNAV (GPS) Rwy 7
RNAV (GPS) Rwy 25
VOR/DME Rwy 7
NA when local weather not available.

ELKINS, WV
ELKINS-RANDOLPH COUNTY JENNINGS-
RANDOLPH FIELD (EKN) ..... **LDA-C[1]**
RNAV (GPS)-A[23]
RNAV (GPS) Rwy 5[24]
RNAV (GPS) Rwy 14[25]
RNAV (GPS) Rwy 23[26]
[1]Categories A, B, 1200-2; Category C, 1400-3; Category D, 1500-3.
[2]NA when local weather not available.
[3]Categories A, B, 1700-2; Category C, 1700-3.
[4]Categories A, B, 1100-2; Category C, 1300-3; Category D, 1400-3.
[5]Categories A, B, 1500-2; Categories C, D, 1500-3.
[6]Categories A, B, 1200-2; Category C, 1300-3; Category D, 1400-3.

ERIE, PA
ERIE INTL/TOM
RIDGE FIELD (ERI) ..... **ILS or LOC Rwy 6[12]**
ILS or LOC Rwy 24[12]
NDB Rwy 24[2]
RNAV (GPS) Rwy 6
RNAV (GPS) Rwy 24
NA when local weather not available.
[1]ILS, 700-2.
[2]NA when control tower closed.

FRANKLIN, PA
VENANGO RGNL (FKL) .....**ILS or LOC Rwy 21**
RNAV (GPS) Rwy 3
RNAV (GPS) Rwy 21
VOR Rwy 3
VOR Rwy 21
NA when local weather not available.

NAME ALTERNATE MINIMUMS

HARRISBURG, PA

CAPITAL CITY (CXY).....**ILS or LOC Rwy 8[123]**
RNAV (GPS) Rwy 8[25]
RNAV (GPS) Rwy 26[34]

[1]Categories A, 1000-2; Category B, 1400-2; Categories C, D, 1400-3.
[2]NA when control tower closed.
[3]NA when local weather not available.
[4]Category A, 1200-2, Category B, 1400-2; Categories C, D, 1400-3.
[5]Category A, 900-2; Category B, 1400-2; Categories C, D, 1400-3.

HARRISBURG
INTL (MDT) ..... **ILS or LOC Rwy 13[1]**
ILS or LOC Rwy 31[2]
RNAV (GPS) Rwy 13[3]
RNAV (GPS) Rwy 31[4]
VOR Rwy 31[3]

[1]Categories C, D, 700-2.
[2]ILS, 700-2.
[3]Categories A,B, 900-2; Category C, 900-2½; Category D, 900-2¾.
[4]Category C, 800-2¼; Category D, 800-2½.

HAZLETON, PA

HAZLETON RGNL (HZL) ..... **LOC Rwy 28[1]**
RNAV (GPS) Rwy 10[1]
RNAV (GPS) Rwy 28[1]

NA when local weather not available.
[1]Category C, 900-2½; Category D, 1000-3.

JOHNSTOWN, PA

JOHN MURTHA JOHNSTOWN-CAMBRIA
COUNTY (JST) ..... **ILS or LOC/DME Rwy 33[1]**
VOR Rwy 5[2]
VOR Rwy 15[3]

[1]ILS, LOC, NA when control tower closed.
[2]NA when local weather not available.
[3]Categories A, B, 900-2; Category C, 900-2½; Category D, 900-2¾.

NAME ALTERNATE MINIMUMS

LANCASTER, PA

LANCASTER (LNS) ..... **ILS or LOC Rwy 8[123]**
RNAV (GPS) Rwy 8[12]
RNAV (GPS) Rwy 13[2]
RNAV (GPS) Rwy 26[2]
RNAV (GPS) Rwy 31[2]
VOR/DME Rwy 31[24]
VOR/DME Rwy 8[2]
VOR/DME Rwy 26[24]
VOR Rwy 8[25]
VOR Rwy 31[4]

[1]NA when control tower closed.
[2]NA when local weather not available.
[3]ILS, Categories A, B, C, 700-2; Category D, 700-2¼. LOC, Category D, 800-2¼.
[4]Category D, 800-2¼.
[5]Categories A, B, 1000-2; Categories C, D, 1000-3.

LATROBE, PA

ARNOLD PALMER
RGNL (LBE)..... **ILS or LOC Rwy 23[12]**
RNAV (GPS) Rwy 5
RNAV (GPS) Rwy 23

NA when local weather not available.
[1]NA when control tower closed.
[2]ILS, LOC, Categories A, B, 1200-2; Categories C, D, 1200-3.

LEHIGHTON, PA

JAKE ARNER
MEMORIAL (22N)..... **RNAV (GPS) Rwy 8[1]**
RNAV (GPS) Rwy 26[2]

[1]Categories A, B, 1100-2.
[2]Categories A, B, 1000-2.

LEWISBURG, WV

GREENBRIER
VALLEY (LWB) .....**ILS or LOC Rwy 4[2]**
RNAV (GPS) Rwy 4[1]
RNAV (GPS) Rwy 22[1]
VOR Rwy 4[3]
VOR Rwy 22[1]

NA when local weather not available.
[1]Category C, 800-2¼; Category D, 1000-3.
[2]ILS, Category B, 800-2; Category C, 1000-3; Category D, 1400-3; LOC, Category C, 1000-3; Category D, 1400-3.
[3]Category C, 1000-3; Category D, 1400-3.

NAME ALTERNATE MINIMUMS

MARTINSBURG, WV

EASTERN WEST VIRGINIA RGNL/
SHEPHERD FLD (MRB)..... **ILS or LOC Rwy 26[1]**
RNAV (GPS) Rwy 8[2]
RNAV (GPS) Rwy 26[1]
VOR-A[2]

NA when local weather not available.
[1]Category D, 900-2¾; Category E, 1600-3.
[2]Category D, 800-2¼; Category E, 1600-3.

MEADVILLE, PA

PORT MEADVILLE (GKJ) .....**LOC Rwy 25**
RNAV (GPS) Rwy 7
RNAV (GPS) Rwy 25
VOR Rwy 7

NA when local weather not available.
Category B, 900-2; Category C, 900-2½;
Category D, 900-2¾.

MORGANTOWN, WV

MORGANTOWN MUNI-WALTER L BILL
HART FIELD (MGW)..... **ILS or LOC Rwy 18[12]**
RNAV (GPS) Y Rwy 18[1]
RNAV (GPS) Z Rwy 18[4]
RNAV (GPS) Rwy 36[1]
VOR–A[3]

NA when local weather not available.
[1]Category D, 900-2¾.
[2]NA when control tower closed.
[3]Categories A, B, 1500-2; Categories C, D, 1500-3.
[4]Category C, 800-2¼; Category D, 900-2¾.

MOUNT POCONO, PA

POCONO MOUNTAINS
MUNI (MPO)..... **RNAV (GPS) Rwy 5**
RNAV (GPS) Rwy 13
RNAV (GPS) Rwy 31
VOR/DME Rwy 13[1]

NA when local weather not available.
[1]Category D, 800-2½.

MUIR AAF (KMUI)

FORT INDIANTOWN
GAP, PA..... **NDB-A**
RNAV (GPS) -B
COPTER NDB Y-289
COPTER NDB Z-289
COPTER RNAV (GPS) Rwy 25

NA when control tower closed.

NAME ALTERNATE MINIMUMS

PARKERSBURG, WV

MID-OHIO VALLEY
AIRPORT (PKB) .....**RNAV (GPS) Rwy 3**
RNAV (GPS) Rwy 10[1]
RNAV (GPS) Rwy 21
RNAV (GPS) Rwy 28

NA when local weather not available.
[1]Category C, D, 800-2½.

PHILADELPHIA, PA

NORTHEAST
PHILADELPHIA (PNE)..... **ILS or LOC Rwy 24[1]**
LOC BC Rwy 6[1]
RNAV (GPS) Rwy 6
RNAV (GPS) Rwy 15
RNAV (GPS) Rwy 24
RNAV (GPS) Rwy 33
VOR Rwy 6[1]
VOR Rwy 24[1]

NA when local weather not available.
[1]NA when control tower closed.

PHILADELPHIA
INTL (PHL).....**ILS or LOC Rwy 9L[1]**
ILS Z or LOC Rwy 9R[2]
ILS Z or LOC Rwy 17[2]
ILS or LOC Rwy 26[3]
ILS or LOC Rwy 27L[4]
ILS or LOC/DME Rwy 27R[5]
RNAV (GPS) Rwy 27R[6]

[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 A, B, C, 800-2; Category D, 800-2¼. LOC, Category D, 800-2¼.
[3]ILS, Categories A, B, C, 700-2.
[4]ILS, 700-2.
[5]ILS, Categories B, C, D, 700-2.
[6]Category D, 800-2¼.

WINGS FIELD (LOM).....**RNAV (GPS) Rwy 6**
RNAV (GPS) Rwy 24

NA when local weather not available.

NAME ALTERNATE MINIMUMS

PITTSBURGH, PA

ALLEGHENY COUNTY (AGC) ..... **VOR-A**
NA when local weather not available.

PITTSBURGH
INTL (PIT) ..... **ILS or LOC Rwy 10L[1]**
ILS or LOC Rwy 10R[1]
ILS or LOC Rwy 28L[1]
ILS or LOC Rwy 28R[1]
ILS or LOC Rwy 32[1]
RNAV (RNP) Z Rwy 10R[2]
[1]ILS, Category E, 700-2¼. LOC, Category E, 800-2¼.
[2]Categories A, B, C, D, 800-2¼.

POINT PLEASANT, WV

MASON COUNTY (3I2) ..... **RNAV (GPS) Rwy 7[1]**
RNAV (GPS) Rwy 25[2]
NA when local weather not available.
[1]Categories A, B, 1300-2; Category C, D,1300-3.
[2]Category A, B, 1100-2; Category C, D, 1100-3.

POTTSTOWN, PA

HERITAGE FIELD (PTW) ..... **LOC Rwy 28**
RNAV (GPS)-A
RNAV (GPS) Rwy 28
VOR/DME-A
NA when local weather not available.

QUAKERTOWN, PA

QUAKERTOWN (UKT) ..... **RNAV (GPS) Rwy 11**
RNAV (GPS) Rwy 29
NA when local weather not available.

READING, PA

READING RGNL/CARL A.
SPAATZ FIELD (RDG) ..... **ILS or LOC Rwy 13[13]**
ILS or LOC Rwy 36[13]
RNAV (GPS) Rwy 13[2]
RNAV (GPS) Rwy 18[2]
RNAV (GPS) Rwy 36[2]
NA when local weather not available.
[1]ILS, Categories A, B, C, 700-2; Category D, 800-2½. LOC, Category D, 800-2½.
[2]Category D, 800-2½.
[3]NA when control tower closed.

SELINSGROVE, PA

PENN VALLEY (SEG) ..... **RNAV (GPS) Rwy 17**
VOR-A
NA when local weather not available.
Categories A, B, 1000-2.

NAME ALTERNATE MINIMUMS

STATE COLLEGE, PA

UNIVERSITY
PARK (UNV) ..... **ILS or LOC Rwy 24**
RNAV (GPS) Rwy 6
RNAV (GPS) Rwy 24
VOR-B[1]
NA when local weather not available.
[1]Categories A, B, 1500-2; Categories C, D, 1500-3.

WASHINGTON, PA

WASHINGTON
COUNTY (AFJ) ..... **ILS OR LOC Rwy 27[3]**
RNAV (GPS) Rwy 9[1]
RNAV (GPS) Rwy 27[2]
NA when local weather not available.
[1]Category D, 900-2¾.
[2]Category C, 800-2½, Category D, 900-2¾.
[3]ILS, Categories A, B, 800-2; Category C, 800-2½; Category D, 900-2¾. LOC, Category C, 800-2½; Category D 900-2¾.

WHEELING, WV

WHEELING OHIO
COUNTY (HLG) ..... **ILS or LOC Rwy 3[1]**
RNAV (GPS) Rwy 3
RNAV (GPS) Rwy 16
RNAV (GPS) Rwy 21
RNAV (GPS) Rwy 34
VOR Rwy 21
Category D, 800-2¼.
NA when local weather not available.
[1]NA when control tower closed.

WILKES-BARRE-SCRANTON, PA

WILKES-BARRE-SCRANTON
INTL (AVP) ..... **ILS or LOC/DME Rwy 4**
ILS or LOC/DME Rwy 22
RNAV (GPS) Rwy 4
RNAV (GPS) Rwy 22
Category A, 900-2; Category B, 1100-2; Category C, 1100-3; Category D, 1400-3.

WILLIAMSPORT, PA

WILLIAMSPORT
RGNL (IPT) ..... **RNAV (GPS) Rwy 9[1]**
RNAV (GPS) Rwy 12[2]
RNAV (GPS) Rwy 30[3]
[1]Categories A, B, 1500-2; Category C, 1500-3.
[2]Category B, 900-2.
[3]Categories A, B, 1500-2.

YORK, PA

YORK (THV) ..... **RNAV (GPS) Rwy 17**
RNAV (GPS) Rwy 35
NA when local weather not available.
Category C, 800-2¼; Category D, 800-2½.

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

16203

INSTRUMENT APPROACH PROCEDURE CHARTS

IFR TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

Civil Airports and Selected Military Airports

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

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

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

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

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

CIVIL USERS NOTE: Title 14 Code of Federal Regulations Part 91 prescribes standard takeoff rules and establishes takeoff minimums for certain operators as follows: (1) 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

ALLENTOWN, PA

ALLENTOWN QUEEN CITY MUNI (XLL)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 11069 (FAA)

TAKEOFF MINIMUMS: **Rwy 7,** std. w/min. climb of 380' per NM to 2600 or 1600-2½ for climb in visual conditions. **Rwy 15**, NA.

DEPARTURE PROCEDURE: **Rwy 7**, climb heading 070° to 1800 before turning right, or for climb in visual conditions: cross Allentown Queen City Muni Airport at or above 1900 before proceeding on course. **Rwy 25,** climbing right turn direct ETX VOR/DME. **Rwy 33,** climbing left turn direct ETX VOR/DME.

NOTE: **Rwy 7,** poles beginning 55' from DER, 322' right of centerline, up to 25' AGL/415' MSL. **Rwy 25,** fence, trees, and poles beginning 56' from DER, 47' left of centerline, up to 100' AGL/529' MSL. Trees beginning 294' from DER, 78' right of centerline, up to 100' AGL/452' MSL.

LEHIGH VALLEY INTL (ABE)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

TAKEOFF MINIMUMS: **Rwy 13,** 800-1 or std. with a min. climb of 270' per NM to 1600'.

DEPARTURE PROCEDURE: **Rwy 13**, climb runway heading to 1600 before proceeding on course. **Rwy 24,** climb runway heading to 1600 before proceeding southbound on course.

NAME TAKEOFF MINIMUMS

ALTOONA, PA

ALTOONA-BLAIR COUNTY (AOO)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4 11181 (FAA)

TAKEOFF MINIMUMS: **Rwy 3,** 300-1½ or std. w/min. climb of 265' per NM to 1900.**Rwy 12,** NA-obstacles. **Rwy 21,** std. w/min. climb of 350' per NM to 3200 or 1600-3 for climb in visual conditions. **Rwy 30,** std. w/ min. climb of 230' per NM to 3600 or 1600-3 for climb in visual conditions. Note: climb in visual conditions not authorized at night.

DEPARTURE PROCEDURE: **Rwy 3,** climb direct AOO VOR, then via AOO R-026 to 2800 before proceeding on course. **Rwy 21,** climb heading 203° and AOO R-206 to 3200 before proceeding on course. For climb in visual conditions, cross Altoona-Blair County Airport at or above 3000 before proceeding on course. **Rwy 30,** climb via heading 298° to 3600 before proceeding on course. For climb in visual conditions, cross Altoona Blair County Airport at or above 3000 before proceeding on course.

NOTE: **Rwy 3,** trees 61' from DER, 450' left of centerline, 100' AGL/1476' MSL. Trees 1538' from DER, 906' left of centerline, 100' AGL/1541' MSL. Trees 6978' from DER, 1129' right of centerline, 100' AGL/1646' MSL. **Rwy 21,** trees 2538' from DER, 366' left of centerline, 100' AGL/1595' MSL. Trees 2340' from DER, 706' right of centerline, 100' AGL/1619' MSL. **Rwy 30,** trees 85' from DER, 258' right of centerline, 100' AGL/1480' MSL.

BEAVER FALLS, PA

BEAVER COUNTY (BVI)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 11069 (FAA)

NOTE: **Rwy 10,** trees beginning 67' from DER, left and right of centerline, up to 64' AGL/1317' MSL. Fences beginning 124' from DER, 392' left of centerline, up to 10' AGL/1273' MSL. Bush 326' from DER, 136' right of centerline, 17' AGL/1270' MSL. Obstruction light on localizer 398' from DER, on centerline, 10' AGL/1263' MSL. **Rwy 28,** trees beginning 35' from DER, left and right of centerline, up to 100' AGL/ 1319' MSL. Vegetation beginning 4' from DER, left and right of centerline, up to 33' AGL/1212' MSL. Bush 173' from DER, 163' right of centerline, 34' AGL/ 1213' MSL.

BECKLEY, WV

RALEIGH COUNTY MEMORIAL (BKW)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 5 11321 (FAA)

TAKEOFF MINIMUMS: **Rwy 10**, 400-2¼ w/min. climb of 350' per NM to 3400, or 1100-3 for climb in visual conditions. **Rwy 28,** 300-1¼ or std. w/min. climb of 261' per NM to 4000.

DEPARTURE PROCEDURE: **Rwy 1,** climbing left turn heading 350° to 4400 before proceeding on course. **Rwy 10,** climbing left turn heading 350° to 4700 before proceeding on course, or for climb in visual conditions: cross Raleigh County Memorial at or above 3500 before proceeding on course. **Rwy 19,** climbing right turn heading 330° to 4400 before proceeding on course. **Rwy 28,** climbing right turn heading 320° to 4400 before proceeding on course.

NOTE: **Rwy 1,** trees and terrain beginning 26' from DER, left and right of centerline, up to 100' AGL/2524' MSL. Pole 718' from DER, 585' right of centerline, 2467' MSL. **Rwy 10,** trees and terrain beginning 22' from DER, left and right of centerline, up to 100' AGL/2651' MSL. Bush 32' from DER, 159' right of centerline, 20' AGL/2514' MSL. Pole 118' from DER, 234' left of centerline, 26' AGL/2510' MSL. **Rwy 19,** trees and terrain beginning 121' from DER, left and right of centerline, up to 100' AGL/2635' MSL. **Rwy 28,** trees and bushes beginning 5' from DER, left and right of centerline, up to 100' AGL/2521' MSL.

BEDFORD, PA

BEDFORD COUNTY (HMZ)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 11097 (FAA)

TAKEOFF MINIMUMS: **Rwy 14,** std. w/ min. climb of 549' per NM to 2300 or 300-1 w/ min. climb of 369' per NM to 2600 or 2200-3 for climb in visual conditions. **Rwy 32,** std. w/ min. climb of 403' per NM to 2500 or 500-2½ w/ min. climb of 301' per NM to 3700 or 2200-3 for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 14,** climb heading 137° to 2800 before proceeding on course. For climb in visual conditions: cross Bedford County Airport at or above 3200' MSL before proceeding on course. **Rwy 32,** climb heading 317° to 2600 before proceeding on course. For climb in visual conditions: cross Bedford County airport at or above 3200' MSL before proceeding on course.

NOTE: **Rwy 14,** terrain, fence, vehicles on road, and trees beginning 33' from DER, 483' right of centerline, up to 44' AGL/1193' MSL. Trees 3794' from DER, 1468' left of centerline, up to 70' AGL/1429' MSL. Trees 4967' from DER, 1607' right of centerline, up to 97' AGL/1376' MSL. **Rwy 32,** terrain, bush, and trees beginning 22' from DER, 383' left of centerline, up to 88' AGL/1307' MSL. Trees 3377' from DER, 1253' left of centerline, up to 71' AGL/1330' MSL. Trees 1.7 NM from DER, 3309' left of centerline, up to 65' AGL/1564' MSL. Trees 1.9 NM from DER, 2221' left of centerline, up to 67' AGL/1476' MSL.

BELLEFONTE, PA

BELLEFONTE (N96)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 13262 (FAA)

TAKEOFF MINIMUMS: **Rwy 25,** std. w/min. climb of 267'per NM to 2600, or 1700-3 for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 7,** Climb heading 074° to 2900' before proceeding on course. **Rwy 25,** climb heading 246° to 2600 before proceeding on course or for climb in visual conditions, cross Bellefonte airport at or above 2600 before proceeding on course. When executing VCOA, notify ATC prior to departure.

NOTE: **Rwy 7,** buildings beginning 42' from DER, 293' left of centerline, up to 15' AGL/1062' MSL. Tree 130' from DER, 365' left of centerline, 28' AGL/1075' MSL. Pole 135' from DER, 516' right of centerline, 30' AGL/ 1080' MSL. Buildings beginning 86' from DER, 340' right of centerline, up to 17' AGL/1084' MSL. Tree 134' from DER, 286' right of centerline, 42' AGL/1096' MSL. Pole 75' from DER, 433' right of centerline, 33' AGL/1096' MSL. Trees beginning 731' from DER, 432' left of centerline, up to 108' AGL/1139' MSL. Tree 231' from DER, 448' right of centerline, 60' AGL/1110' MSL. **Rwy 25**, trees beginning 59' from DER, 373' right of centerline, up to 89' AGL/1143' MSL. Pole 67' from DER, 172' right of centerline 26' AGL/1080' MSL. Poles beginning 89' from DER, 277' left of centerline, up to 26' AGL/1096' MSL. Buildings beginning 92' from DER, 524' left of centerline, 30' AGL/1112' MSL. Trees beginning 190' from DER, 236' right of centerline, up to 80' AGL/1126' MSL. Vehicle or road 351' from DER, 169' left of centerline, 15' AGL/1093' MSL. Buildings beginning 449' from DER, 527' left of centerline, 30' AGL/1113' MSL. Trees beginning 398' from DER, 199' right of centerline, up to 84' AGL/1111' MSL. Trees 538' from DER, 633' left of centerline, up to 60' AGL/1143' MSL. Vehicle on road 757' from DER, 670' left of centerline, 15' AGL/1102' MSL. Trees beginning 760' from DER, 146' right of centerline, up to 52' AGL/1100' MSL. Buildings beginning 1075' from DER, 550' left of centerline, up to 30' AGL/1112' MSL. Trees beginning 1375' from DER, 697' left of centerline, up to 77' AGL/1150' MSL. Trees beginning 2277' from DER, 319' left of centerline, up to 65' AGL/1178' MSL. Trees beginning 2394' from DER, 35' right of centerline, up to 97' AGL/ 1137' MSL. Trees beginning 3737' from DER 187' left of centerline, up to 61' AGL/1201' MSL.

BERKELEY SPRINGS, WV

POTOMAC AIRPARK (W35)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 99308 (FAA)

TAKEOFF MINIMUMS: **Rwys 11,29,** 1900-2 or std. with a min. climb of 400' per NM to 2600.

DEPARTURE PROCEDURE: **Rwy 11,** climb to 4000 via heading 095° and HGR R-275 to HGR VOR before proceeding on course. **Rwy 29,** climb to 1500 then climbing left turn to 5000 via heading 267° and GRV R-092 before proceeding on course.

BLOOMSBURG, PA

BLOOMSBURG MUNI (N13)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 16119 (FAA)

TAKEOFF MINIMUMS: **Rwy 9,** std. w/min. climb of 660' per NM to 1400 or 2100-3 for VCOA. **Rwy 27,** std. w/ min. climb of 300' per NM to 1400 or 2100-3 for VCOA.

DEPARTURE PROCEDURE: **Rwy 9,** Climbing left turn heading 059° to 2200 before proceeding on course. Do not exceed 180 KIAS until established on 059° heading. **Rwy 27,** Climb heading 254° to 2200 before proceeding on course.

NOTE: **Rwy 9,** Trees beginning 51' from DER, 6' right of centerline, up to 642' MSL. Trees beginning 475' from DER, 24' left of centerline, up to 599' MSL. Grd 64' from DER, 34' right of centerline, 487' MSL. Vehicle on road 176' from DER, 112' right of centerline, 15' AGL/488' MSL. Poles beginning 191' from DER, 432' left of centerline, up to 44' AGL/528' MSL. Building 335' from DER, 568' left of centerline, 501' MSL. Parking lots beginning 629' from DER, 652' left of centerline, up to 503' MSL. Terrain 1503' from DER, 164' right of centerline, 524' MSL. **Rwy 27,** tower 4520' from DER, 596' right of centerline, 150' AGL/632' MSL. Buildings beginning 35' from DER, 327' left of centerline, up to 506' MSL. Vehicles in parking lots beginning 48' from DER, 238' right of centerline, up to 496' MSL. Pole 151' from DER, 238' right of centerline, 8' AGL/499' MSL. Poles beginning 210' from DER, 493' left of centerline, up to 521' MSL. Vehicle on road 279' from DER, 210' right of centerline, 15' AGL/494' MSL. Trees beginning 50' from DER, 50' left of centerline, up to 579' MSL. Trees beginning 559' from DER, 96' right of centerline, up to 566' MSL. Stack 5202' from DER, 660' right of centerline, 175' AGL/661' MSL. Chimney/smokestack 5199' from DER, 661' right of centerline, 659' MSL.

BLUEFIELD, WV

MERCER COUNTY (BLF)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4 09015 (FAA)

TAKEOFF MINIMUMS: **Rwy 23**, 400-2¼ or std. with a min. climb of 238' per NM to 3300.

DEPARTURE PROCEDURE: **Rwy 5**, climb heading 049° to 3900 before turning south. **Rwy 23**, climbing right turn via BLF R-270 to 4500 before proceeding on course.

NOTE: **Rwy 5,** trees beginning 14' from DER, 370' left of centerline, up to 100' AGL/2939'MSL. Trees beginning 15' from DER, 391' right of centerline, up to 100' AGL/2959' MSL. **Rwy 23,** trees beginning at DER, 258' left of centerline, up to 100' AGL/2939' MSL. Trees beginning 140' from DER, 74' right of centerline, up to 100' AGL/3159' MSL.

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BRADFORD, PA (BFD)
BRADFORD RGNL
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
NOTE: **Rwy 5,** fence 448' from DER, 305' left of centerline, 19' AGL/2158' MSL. Fence 462' from DER, 299' right of centerline, 19' AGL/2158' MSL. Trees beginning 234' from DER, 70' left of centerline, up to 75' AGL/2242' MSL. Trees beginning 67' from DER, 227' right of centerline, up to 87' AGL/2226' MSL. **Rwy 14,** trees beginning 26' from DER, 263' left of centerline, up to 16' AGL/2115' MSL. Tree 2427' from DER, 918' right of centerline, 79' AGL/2198' MSL. **Rwy 23,** trees beginning 53' from DER, 145' left of centerline, up to 82' AGL/2240' MSL. Trees beginning 272' from DER, 220' right of centerline, up to 86' AGL/2225' MSL. **Rwy 32,** trees beginning 1018' from DER, 399' left of centerline, up to 102' AGL/2169' MSL. Trees beginning 138' from DER, 292' right of centerline, up to 86' AGL/2205' MSL.

BUCKHANNON, WV
UPSHUR COUNTY RGNL (W22)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
ORIG 04162 (FAA)
TAKEOFF MINIMUMS: **Rwy 29,** 400-1¼ or std. with a min. climb of 420' per NM to 2100.
DEPARTURE PROCEDURE: **Rwy 11,** climb via heading 105° to 2300 before proceeding on course.
NOTE: **Rwy 11,** trees 798' from DER, 179' right of centerline, 100' AGL/1679' MSL. Trees 2665' from DER, 842' left of centerline, 100' AGL/1719' MSL. Trees 4799' from DER, 1724' right of centerline, 100' AGL/1779' MSL. **Rwy 29,** trees 1 NM from DER, 565' right of centerline, 100' AGL/1959' MSL.

BUTLER, PA
BUTLER COUNTY/K.W. SCHOLTER FIELD (BTP)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 3A 14093 (FAA)
TAKEOFF MINIMUMS: **Rwy 8,** 300-1 or std. w/min. climb of 451' per NM to 1600.
NOTE: **Rwy 8,** pole and trees beginning 15' from DER, 4' left of centerline, up to 97' AGL/1346' MSL. Pole and trees beginning 18' from DER, 10' right of centerline, up to 95' AGL/1394' MSL. Trees 4254' from DER, 1555' right of centerline, up to 129' AGL/1491' MSL. **Rwy 26,** general utilities 13' from DER, 118' right of centerline, 3' AGL/1229' MSL. Poles and trees beginning 1001' from DER, 282' left of centerline, up to 91' AGL/1310' MSL. Trees beginning 1638' from DER, 32' right of centerline, up to 95' AGL/1314' MSL.

CARLISLE, PA
CARLISLE (N94)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 2 14065 (FAA)
DEPARTURE PROCEDURE: **Rwy 10,** climb heading 102° to 1400 before turning right. **Rwy 28,** climb heading 282° to 1900 before proceeding on course.
NOTE: **Rwy 10,** vehicles on road, beginning 14' from DER, left and right of centerline, up to 15' AGL/534' MSL. Poles beginning 196' from DER, left and right of centerline, up to 30' AGL/550' MSL. Building 351' from DER, 121' left of centerline, 25' AGL/535' MSL. **Rwy 28,** vehicles on road, abeam DER, 336' right of centerline, up to 15' AGL/524' MSL. Trees 322' from DER, 96' right of centerline, up to 100' AGL/609' MSL. Trees 2484' from DER, 439' left of centerline, up to 100' AGL/609' MSL.

CHAMBERSBURG, PA
FRANKLIN COUNTY RGNL (N68)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 3A 14317 (FAA)
TAKEOFF MINIMUMS: **Rwy 24,** 700-1 or std. with a min. climb of 220' per NM to 1400.
DEPARTURE PROCEDURE: **Rwy 6,** climbing left turn to 4000 outbound via HGR VOR R-037 before proceeding on course. Do not exceed 200 KIAS until established on the HGR R-037 southwest bound. **Rwy 24,** climbing left turn to 4000 outbound via HGR VOR R-037 before proceeding on course.

CHARLESTON, WV
YEAGER (CRW)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 9 16035 (FAA)
TAKEOFF MINIMUMS: **Rwy 5**, 400-2¼ or std. w/min. climb of 240' per NM to 1400.
DEPARTURE PROCEDURE: **Rwy 23,** climb heading 233° to 1400 before turning left.
NOTE: **Rwy 5,** trees beginning 3781' from DER, 736' left of centerline, up to 150' AGL/1217' MSL. Tree 5848' from DER, 1055' right of centerline, 104' AGL/1062' MSL. Tower 1.9 NM from DER, 2764' left of centerline, 184' AGL/1235' MSL.

CLARION, PA
CLARION COUNTY (AXQ)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
TAKEOFF MINIMUMS: **Rwy 24,** 200-1½ or std. w/ min. climb of 211' per NM to 1700.
NOTE: **Rwy 6,** multiple trees beginning 697' from DER, 311' left of centerline, up to 100' AGL/1519' MSL. Multiple trees beginning 1006' from DER, 47' right of centerline, up to 100' AGL/1529' MSL. Building 2942' from DER, 964' right of centerline, 60' AGL/1539' MSL. **Rwy 24,** multiple trees beginning 792' from DER, 27' left of centerline, up to 100' AGL/1539' MSL. Multiple trees beginning 806' from DER, 147' right of centerline, up to 100' AGL/1539' MSL. Tree 1.1 NM from DER, 2010' right of centerline, 100' AGL/1619' MSL.

CLARKSBURG, WV

NORTH CENTRAL WEST VIRGINIA (CKB)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 6 12264 (FAA)

TAKEOFF MINIMUMS: **Rwy 3,** 300-1¾ or std. w/ min. climb of 402' per NM to 1500. **Rwy 21,** 400-2¾ or std. w/ min. climb of 447' per NM to 1600.

DEPARTURE PROCEDURE: **Rwy 3,** climb heading 031° to 2000 before proceeding on course. **Rwy 21,** climb heading 211° to 1800 before proceeding on course.

NOTE: **Rwy 3,** trees beginning 348' from DER, 584' left of centerline, up to 100' AGL/1279' MSL. Trees beginning 5135' from DER, 33' left of centerline, up to 75' AGL/1374' MSL. Tree 1042' from DER, 659 right of centerline,100' AGL/1319' MSL. Trees beginning 2454' from DER, 659' right of centerline, up to 100' AGL/1374' MSL. Fence 2875' from DER, 756' right of centerline, 10' AGL/ 1316' MSL. Terrain 2720' from DER, 622' right of centerline, 1370' MSL. **Rwy 21,** bush 12' from DER, 258' left of centerline, 5' AGL/1184' MSL. Tree 571' from DER, 533' left of centerline, 86' AGL/1226' MSL. Trees 4880' from DER, 90' left of centerline, up to 100' AGL/1335' MSL.

CLEARFIELD, PA

CLEARFIELD-LAWRENCE (FIG)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 12264 (FAA)

TAKEOFF MINIMUMS: **Rwy 30,** std. w/min. climb of 342' per NM to 3500 or 1900-3 for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 12,** climb heading 110° to 2500 before proceeding on course. **Rwy 30,** climb heading 299° to 2700 before proceeding on course, or for climb in visual conditions cross Clearfield -Lawrence airport at or above 3300 before proceeding on course. When executing VCOA, notify ATC prior to departure.

NOTE: **Rwy 12,** trees beginning 166' from DER, left and right of centerline, up to 100' AGL/ 1635' MSL. Tower, 2.73 NM from DER, 4881' right of centerline, 422' AGL/ 2032' MSL. **Rwy 30,** airplane on taxiway 7' from DER, 131' left of centerline, up to 15' AGL/ 1534' MSL. Trees beginning 53' from DER, left and right of centerline, up to 100' AGL/2135' MSL. Vehicles on roadway beginning 241' from DER, left and right of centerline, up to 15' AGL/ 1534' MSL. Towers beginning 2.32 NM from DER, 760' left and right of centerline, up to 611' AGL/ 2996' MSL.

COATESVILLE, PA

CHESTER COUNTY G. O. CARLSON (MQS)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 08213 (FAA)

NOTE: **Rwy 11,** tree 342' from DER, 592' right of centerline, 90' AGL/680' MSL. Trees beginning 1135' from DER, 549' left of centerline, up to 87' AGL/696' MSL. **Rwy 29,** tree 281' from DER, 325' left of centerline, 7' AGL/646' MSL. Obstruction light on poles beginning 418' from DER, 308' right of centerline, up to 40' AGL/690' MSL. Antenna on buildings beginning 506' from DER, 208' right of centerline, up to 23' AGL/692' MSL. Trees beginning 1048' from DER, 277' right of centerline, up to 62' AGL/731' MSL. Multiple poles beginning 1723' from DER, 238' right of centerline, up to 34' AGL/703' MSL.

COLLEGEVILLE, PA

PERKIOMEN VALLEY (N10)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 10014 (FAA)

TAKEOFF MINIMUMS: Procedure NA at night.

NOTE: **Rwy 9,** multiple trees beginning 386' from DER, 91' right of centerline, up to 100' AGL/369' MSL. Multiple trees beginning 923' from DER, 342' left of centerline, up to 100' AGL/369' MSL. Power lines 4412' from DER, 98' left of centerline, up to 150'AGL/400' MSL. **Rwy 27,** multiple trees beginning 104' from DER, 45' right of centerline, up to 100' AGL/329' MSL. Multiple trees beginning 212' from DER, 42' left of centerline, up to 100' AGL/317' MSL.

CONNELLSVILLE, PA

JOSEPH A HARDY CONNELLSVILLE (VVS)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 12264 (FAA)

TAKEOFF MINIMUMS: **Rwy 14,** NA - Obstacles.

DEPARTURE PROCEDURE: **Rwy 5,** climb heading 049° to 3100 before proceeding on course. **Rwy 23,** climb heading 229° to 3200 before proceeding on course. **Rwy 32,** climb heading 319° to 3000 before proceeding on course.

NOTE: **Rwy 5,** bldg 203' from DER, 270' right of centerline, 24' AGL/1274' MSL. LOC 329' from DER, 2' right of centerline, 13' AGL/1273' MSL. Road 8' from DER, 476' right of centerline, 1273' MSL. Trees beginning 68' from DER, 17' left of centerline, up to 100' AGL/1386' MSL. Trees beginning 117' from DER, 4' right of centerline, up to 100' AGL/1385' MSL. **Rwy 23,** tree 620' from DER, 642' left of centerline, 100' AGL/1258' MSL. **Rwy 32,** trees beginning 1004' from DER, 129' left of centerline, 100' AGL/1263' MSL. Trees beginning 1004' from DER, 11' right of centerline, up to 100' AGL/1306' MSL. Pole 1292' from DER, 734' right of centerline, 33' AGL/1273' MSL. Sign 36' from DER, 200' left of centerline, 2' AGL/1229' MSL.

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

16203

CORRY, PA
CORRY-LAWRENCE (8G2)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
ORIG-A 11125 (FAA)

NOTE: **Rwy 14,** terrain, tank, pole, and trees beginning 54' from DER, 300' left of centerline, up to 66' AGL/1835' MSL. Pole and trees beginning 169' from DER, 285' right of centerline, up to 49' AGL/1808' MSL. **Rwy 32,** Trees beginning 35' from DER, 87' left of centerline, up to 60' AGL/1749' MSL. Trees beginning 178' from DER, 14' right of centerline, up to 67' AGL/1756' MSL.

DANVILLE, PA
DANVILLE (8N8)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
ORIG 12152 (FAA)

TAKEOFF MINIMUMS: **Rwy 9,** std. w/min. climb of 370' per NM to 2000, or 1700-3 for climb in visual conditions. **Rwy 27,** std. w/min. climb of 280' per NM to 2400, or 1700-3 for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 9,** climb heading 088° to 2000 before proceeding on course or for climb in visual conditions cross Danville Airport at or above 1900 before proceeding on course. When executing VCOA, notify ATC prior to departure. **Rwy 27,** climb heading 268° to 2400 before proceeding on course or for climb in visual conditions cross Danville Airport at or above 1900 before proceeding on course. When executing VCOA, notify ATC prior to departure.

NOTE: **Rwy 9,** trees beginning 665' from DER, 554' right of centerline, up to 100' AGL/699' MSL. Trees beginning 769' from DER, 326' left of centerline, up to 100' AGL/659' MSL. **Rwy 27,** trees beginning 1332' from DER, 274' right of centerline, up to 100' AGL/619' MSL. Trees beginning 968' from DER, 136' left of centerline, up to 100' AGL/639' MSL. Pole beginning 1145' from DER, 174' left of centerline, 58' AGL/588' MSL.

DOYLESTOWN, PA
DOYLESTOWN (DYL)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 2 04330 (FAA)

NOTE: **Rwy 5,** terrain and trees 246' from DER, 457' right of centerline, 60' AGL/460' MSL. **Rwy 23,** terrain and tree 1498' from DER, 764' left of centerline, 100' AGL/460' MSL; terrain and trees 2701' from DER, 44' left of centerline, 100' AGL/480' MSL.

DUBOIS, PA
DUBOIS RGNL (DUJ)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 2 10154 (FAA)

NOTE: **Rwy 7,** wind sock 31' from DER, 452' left of centerline, 29' AGL/1834' MSL. Tree 1608' from DER, 698' right of centerline, up to 99' AGL/1859' MSL.

Rwy 25, wind sock and trees beginning 97' from DER, 300' right of centerline, up to 74' AGL/1854' MSL. Buildings and trees beginning 164' from DER, 254' left of centerline, up to 92' AGL/1872' MSL.

EAST STROUDSBURG, PA
STROUDSBURG-POCONO (N53)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 1 11069 (FAA)

TAKEOFF MINIMUMS: **Rwy 8,** std. w/min. climb of 440' per NM to 1100, or 1500-2½ for climb in visual conditions. **Rwy 26**, 300-1 w/min. climb of 405' per NM to 1500, or 1500-2½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 8,** climb heading 077° to 1800 before proceeding on course, or for climb in visual conditions, cross Stroudsburg-Pocono Airport at or above 1800 before proceeding on course. **Rwy 26,** climb heading 258° to 2600 before proceeding on course, or for climb in visual conditions, cross Stroudsburg-Pocono Airport at or above 1800 before proceeding on course.

NOTE: **Rwy 8,** trees beginning 265' from DER, 145' right of centerline, up to 100' AGL/599' MSL. Trees beginning 275' from DER, 70' left of centerline, up to 100' AGL/599' MSL. Vehicle on road 275' from DER. 70' left of centerline, up to 15' AGL/514' MSL. Houses beginning 597' from DER, 41' left of centerline, up to 40' AGL/539' MSL. Houses beginning 656' from DER, 205' right of centerline, up to 40' AGL/539' MSL. Trees beginning 2467' from DER, 878' left of centerline, up to 100' AGL/619' MSL. Trees beginning 4113' from DER, 55' left of centerline, up to 100' AGL/619' MSL. Trees beginning 5035' from DER, 1083' right of centerline, up to 100' AGL/619' MSL. **Rwy 26,** trees beginning 97' from DER, 369' right of centerline, up to 100' AGL/579' MSL. Trees beginning 366' from DER, 526' left of centerline, up to 100' AGL/639' MSL. Trees beginning 1792' from DER, 972' right of centerline, up to 100' AGL/639' MSL. Trees beginning 1882' from DER, 529' left of centerline, up to 100' AGL/659' MSL.

EASTON, PA
BRADEN AIRPARK (N43)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 1 10294 (FAA)

TAKEOFF MINIMUMS: **Rwy 18**, 400-2¾ or std. w/ min. climb of 203' per NM to 900, or alternatively, with standard takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 1200' prior to DER. **Rwy 36,** standard with minimum climb of 452' per NM to 1300 or 600-3 with minimum climb of 256' per NM to 2600 or 1300-2½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 18,** climb heading 179° to 1100 before proceeding on course. **Rwy 36,** for climb in visual conditions: cross Braden Airpark at or above 1500 before proceeding on course.

NOTE: **Rwy 18,** trees beginning 571' from DER, 453' left of centerline, up to 100' AGL/499' MSL. Trees beginning 1366' from DER, 539' right of centerline, up to 100' AGL/499' MSL. **Rwy 36,** vehicles on road, 50' from DER, on centerline, up to 15' AGL/414' MSL. Trees beginning 986' from DER, 40' left of centerline, up to 100' AGL/539' MSL. Building and trees beginning 153' from DER, 89' right of centerline, up to 100' AGL/ 539' MSL.

EBENSBURG, PA

EBENSBURG (9G8)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2A 15260 (FAA)

TAKEOFF MINIMUMS: **Rwy 7**, 300-1½ or std. w/ min. climb of 350' per NM to 2500. **Rwy 11U, 29U,** NA-Environmental.

NOTE: **Rwy 25,** numerous trees beginning 632' from DER, 245' left of centerline, up to 100' AGL/2179' MSL. Numerous trees beginning 759' from DER, 477' right of centerline, up to 100' AGL/2159' MSL. **Rwy 7,** numerous trees beginning 245' from DER, 476' right of centerline, up to 100' AGL/2279' MSL. Numerous trees beginning 696' from DER, 273' left of centerline, up to 100' AGL/2389' MSL. Stack 1.1 NM from DER, 1571' right of centerline, 192' AGL/2352' MSL. Tower 1.17 NM from DER, 1529' right of centerline, 198' AGL/2348' MSL. Vehicle on highway, 487' from DER, 180' right of centerline, 19' AGL/2138' MSL.

ELKINS, WV

ELKINS-RANDOLPH COUNTY-JENNINGS RANDOLPH FIELD (EKN)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 04050 (FAA)

TAKEOFF MINIMUMS: **Rwys 5, 14, 32**, NA-obstacles. **Rwy 23**, 1800-2 or std. with a min. climb of 360' per NM to 4300.

DEPARTURE PROCEDURE: **Rwy 23,** climb via heading 200° to 5000 then climbing right turn to 6000 direct to EKN VORTAC then EKN R-346, expect radar vectors.

NOTE: **Rwy 23,** OL and trees 788' from DER, 206' left of centerline, 85' AGL/2059' MSL. Trees 10,130' from DER, 700' left of centerline, 105' AGL/2331' MSL.

ERIE, PA

ERIE INTL/TOM RIDGE FIELD (ERI)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 6 12348 (FAA)

TAKEOFF MINIMUMS: **Rwy 20,** 300-1¾ or std. w/min. climb of 329' per NM to 1100.

DEPARTURE PROCEDURE: **Rwy 2,** climb heading 020° to 1300 before turning right. **Rwy 6,** climb heading 064° to 1900 before turning right. **Rwy 20,** climb heading 200° to 1700 before turning left. **Rwy 24,** climb heading 244° to 1400 before turning left.

NOTE: **Rwy 2,** vehicles on road, building, trees and poles beginning 31' from DER, 2' left of centerline, up to 131' AGL/821' MSL. Trees, fence, vehicles on road and poles beginning 74' from DER, 1' right of centerline, up to 107' AGL/817' MSL. **Rwy 6,** trees beginning 381' from DER, 336' right of centerline, up to 100' AGL/832' MSL. Trees beginning 1360' from DER, 678' left of centerline, up to 98' AGL/818' MSL. **Rwy 20**, trees, railroads, buildings and poles beginning 41' from DER, 3' left of centerline, up to 105' AGL/883' MSL. Fence, bush, railroads, trees, buildings, poles and steeple beginning 130' from DER, 1' right of centerline, up to 112' AGL/869' MSL. Trees and poles beginning 4411' from DER, left and right of centerline, up to 103' AGL/883' MSL. Tree 1 NM from DER, 694' right of centerline, up to 143' AGL/983' MSL. Tree 1.35 NM from DER, 2559' right of centerline, up to 94' AGL/944' MSL. **Rwy 24,** railroad, pole and trees beginning 11' from DER, 325' left of centerline, up to 67' AGL/797' MSL. Rod on building, antenna and trees beginning 135' from DER, 250' right of centerline, up to 111' AGL/834' MSL. Trees beginning 2568' from DER, 226' left of centerline, up to 97' AGL/827' MSL.

FACTORYVILLE, PA

SEAMANS FIELD (9N3)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 08213 (FAA)

TAKEOFF MINIMUMS: **Rwy 4**, 400-2½ or std. w/ min. climb of 221' per NM to 1700.

DEPARTURE PROCEDURE: **Rwy 4**, climb heading 036° to 1700 before proceeding on course. **Rwy 22,** climb heading 216° to 2900 before proceeding on course.

NOTE: **Rwy 4,** trees beginning 1134' from DER,720' right of centerline, up to 65' AGL/1264' MSL. Trees beginning 1.82 NM from DER, 774' left of centerline, up to 100' AGL/1499' MSL.

FAIRMONT, WV

FAIRMONT MUNI-FRANKMAN FIELD (4G7)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 6 10154 (FAA)

TAKEOFF MINIMUMS: **Rwy 5**, 500-2¾ or std. w/ min. climb of 420' per NM to 1800. **Rwy 23,** 500-2¾ w/ min. climb of 270' per NM to 1900 or 1200-3 for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 5,** climb heading 045° to 1800 before proceeding on course. **Rwy 23,** climb heading 225° to 1700 before proceeding on course or for climb in visual conditions: Cross Fairmont Muni-Frankman Field Airport at or above 2200 MSL before proceeding on course.

NOTE: **Rwy 5,** tree 1739' from DER, 831' right of centerline, 99' AGL/1166' MSL. Multiple trees and towers beginning 27' from DER, 99' right of centerline, up to 217' AGL/1475' MSL. Trees 1282' from DER, 620' left of centerline, 78' AGL/1057' MSL. **Rwy 23,** multiple trees beginning 493' from DER, 77' right of centerline, up to 100' AGL/1499' MSL. Road, multiple trees, and rising terrain beginning 814' from DER, 338' left of centerline, up to 200' AGL/1438' MSL.

FRANKLIN, PA

VENANGO RGNL (FKL)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 04274 (FAA)

DEPARTURE PROCEDURE: **Rwy 3,** climb via heading 027° to 2000 before proceeding on course. **Rwy 12**, climb via heading 116° to 2000 before proceeding on course. **Rwy 21**, climb via heading 207° to 2000 before proceeding on course. **Rwy 30**, climb via heading 296° to 2000 before proceeding on course.

NOTES: **Rwy 3**, tree 638' from DER, 528' right of centerline, 34' AGL/1553' MSL. Tree 2547' from DER, 697' right of centerline, 78' AGL/1597' MSL. **Rwy 12**, tank 1027' from DER, 660' left of centerline, 92' AGL/1612' MSL. Tree 1123' from DER, 504' left of centerline, 81' AGL/1600' MSL. Tree 800' from DER, 369' right of centerline, 71' AGL/1571' MSL. **Rwy 21**, multiple trees beginning 573' from DER, 191' to 679' right of centerline, up to 81' AGL/1599' MSL. Multiple trees beginning 264' from DER, 326' to 749' left of centerline, up to 68' AGL/1597 MSL. Sign 2474' from DER, 30' right of centerline, 94' AGL/1606' MSL. **Rwy 21**, pole 1295' from DER, 530' left of centerline, 47' AGL/1567' MSL.

GETTYSBURG, PA

GETTYSBURG RGNL (W05)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
ORIG-A 15232 (FAA)

TAKEOFF MINIMUMS: **Rwy 6,** NA, obstacles. **Rwy 24,** std. w/ min. climb of 310' per NM to 1900, or 1500-2½ for VCOA.

DEPARTURE PROCEDURE: **Rwy 24,** climb heading 241° to 1900 before proceeding on course.

VISUAL CLIMB: Obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Gettysburg Regional airport at or above 1900 before proceeding on course.

NOTE: **Rwy 24,** vehicle on road 350' from DER, 61' left of centerline 17' AGL/576' MSL. Trees beginning 273' from DER, 214' right of centerline, up to 100' AGL/639' MSL.

GREENVILLE, PA

GREENVILLE MUNI (4G1)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
ORIG 15316 (FAA)

TAKEOFF MINIMUMS: **Rwy 5, 23,** NA-Environmental.

DEPARTURE PROCEDURE: **Rwy 33,** climb heading 330° to 1600 before turning right.

NOTE: **Rwy 15,** vehicles on road 220' from DER, left and right of centerline, 15' AGL/1214' MSL. Trees 381' from DER, 480' right of centerline, up to 100' AGL/1309' MSL. Trees 1381' from DER, left and right of centerline, up to 100' AGL/1239' MSL. **Rwy 33,** trees 184' from DER, 278' right of centerline, 100' AGL/1259' MSL. Trees 1923' from DER, left and right of centerline, 100' AGL/1229' MSL.

GROVE CITY, PA

GROVE CITY (29D)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 4 13178 (FAA)

NOTES: **Rwy 10,** trees beginning 15' from DER, 99' left of centerline, up to 67' AGL/1356' MSL. Trees beginning 68' from DER, 128' right of centerline, up to 72' AGL/1361' MSL. Multiple buildings, poles, road, and sign beginning 136' from DER, left and right of centerline, up to 69' AGL/1343' MSL. Trees beginning 1359' from DER, left and right of centerline, up to 93' AGL/1362' MSL. **Rwy 28,** trees beginning 22' from DER, 28' left of centerline, up to 76' AGL/1465' MSL. Trees beginning 198' from DER, 32' right of centerline, up to 85' AGL/1464' MSL. Fence 79' from DER, 321' right of centerline, 14' AGL/1387' MSL. Buildings, poles, and vehicles on roadway beginning 165' from DER, left and right of centerline, up to 40' AGL/1441' MSL. Trees beginning 1008' from DER, left and right of centerline, up to 113' AGL/1512' MSL.

HARRISBURG, PA

HARRISBURG/CAPITAL CITY (CXY)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 4 11041 (FAA)

TAKEOFF MINIMUMS: **Rwy 8,** 300-2 ¼ or std. w/ min. climb of 244' per NM to 800. **Rwy 12,** std. w/ min. climb of 377' per NM to 1300 or 700-3 w/ min. climb of 336' per NM to 1300. **Rwy 26,** 400-2 ¼ or std. w/ min. climb of 334' per NM to 900. **Rwy 30,** 300-1¼ or std. w/ min. climb of 513' per NM to 700.

DEPARTURE PROCEDURE: **Rwy 8,** climb heading 082° to 1300 before proceeding on course. **Rwy 12,** climb heading 128° to 1400 before proceeding on course. **Rwy 26,** climb heading 262° to 1500 before proceeding on course. **Rwy 30,** climb heading 308° to 1900 before proceeding on course.

NOTE: **Rwy 8,** vehicles on road, poles, and trees beginning 204' from DER, 21' left of centerline, up to 47' AGL/376' MSL. Antenna on building, poles, and trees beginning 101' from DER, 68' right of centerline, up to 57' AGL/386' MSL. Trees 1.3 NM from DER, 944' left of centerline, up to 69' AGL/598' MSL. Trees 1.8 NM from DER, 169' right of centerline, up to 78' AGL/637' MSL. **Rwy 12,** bush, sign, chimney, church spire, poles, and trees beginning 35' from DER, 145' left of centerline, up to 64' AGL/453' MSL. Terrain, railroad, buildings, and trees beginning 6' from DER, 18' right of centerline, up to 42' AGL/392' MSL. Trees 2.1 NM from DER, 3961' left of centerline, up to 100' AGL/979' MSL. Trees 2.5 NM from DER, 3716' right of centerline, up to 100' AGL/1039' MSL. **Rwy 26,** bush and trees beginning 29' from DER, 102' left of centerline, up to 59' AGL/478' MSL. Trees beginning 525' from DER, 348' left of centerline, up to 48' AGL/447' MSL. Trees 1.4 NM from DER, 1654' left of centerline, up to 61' AGL/690' MSL. Trees 1.7 NM from DER, 3154' left of centerline, up to 100' AGL/739' MSL. **Rwy 30,** light standard and trees beginning 213' from DER, 30' left of centerline, up to 65' AGL/484' MSL. Pole and trees beginning 411' from DER, 72' right of centerline, up to 78' AGL/397' MSL. Trees 3136' from DER, 1282' left of centerline, up to 42' AGL/541' MSL. Trees 5546' from DER, 423' left of centerline, up to 61' AGL/580' MSL.

HARRISBURG INTL (MDT)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 8 09323 (FAA)

TAKEOFF MINIMUMS: **Rwy 13,** 300-2¼ or std. w/ min. climb of 260' per NM to 700.

DEPARTURE PROCEDURE: **Rwy 13,** climb heading 128° to 1700 before proceeding on course. **Rwy 31,** climb heading 308° to 1900 before proceeding on course.

NOTE: **Rwy 13,** trees beginning 1468' from DER, 459' left of centerline, up to 81' AGL/595' MSL. Trees beginning 3058' from DER, 733' right of centerline, up to 100' AGL/576' MSL. Poles and buildings beginning 1.36 NM from DER, 157' right of centerline, up to 33' AGL/548' MSL. Towers 1.82 NM from DER, 3168' left of centerline, 148' AGL/598' MSL. **Rwy 31,** levee at DER, 351' left of centerline, up to 15' AGL/311' MSL. Light on localizer antenna 300' from DER, on centerline, 30' AGL/311' MSL. Trees beginning 380' from DER, 56' left of centerline, up to 34' AGL/323' MSL. Antennas, poles, and buildings beginning 247' from DER, 247' right of centerline, up to 72' AGL/371' MSL.

HAZLETON, PA

HAZLETON RGNL (HZL)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2A 14149 (FAA)

TAKEOFF MINIMUMS: **Rwy 10,** 500- 1¾ or std. w/ min. climb of 243' per NM to 2000. **Rwy 28,** 500-1 or std. w/ min. climb of 317' per NM to 1900.

DEPARTURE PROCEDURE: **Rwy 10,** climb on heading 104° to 2200 before proceeding on course.

NOTE: **Rwy 10,** multiple trees, beginning 61' from DER, 17' left of centerline, up to 60' AGL/1823' MSL. Water tower, 7582' from DER, 1923' left of centerline, 38' AGL/1825' MSL. Multiple trees, beginning 108' from DER, 24' right of centerline, up to 60' AGL /1705' MSL. **Rwy 28,** multiple trees, beginning 23' from DER, 2' left of centerline, up to 60' AGL/1787' MSL. Multiple trees, beginning 23' from DER, 9' right of centerline, up to 60' AGL/1788' MSL. Multiple signs and poles, beginning 113' from DER, 2' right of centerline, up to 18' AGL/1732' MSL. Water tower, 4431' from DER. 760' left of centerline, 112' AGL/1791' MSL. Multiple buildings, beginning 1922' from DER, 29' right of centerline, up to 93' AGL/1771' MSL.

HONESDALE, PA

CHERRY RIDGE (N30)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4 10154 (FAA)

TAKEOFF MINIMUMS: **Rwy 18,** 500-2½ or std. w/ min. climb of 210' per NM to 1800, or alternatively, with standard TAKEOFF minimums and a normal 200'/NM climb gradient, TAKEOFF must occur no later than 1400' prior to DER. **Rwy 36,** 500-2¾ or std. w/ min. climb of 642' per NM to 1900.

DEPARTURE PROCEDURE: **Rwy 18,** climb heading 180° to 1800 before turning right.

NOTE: **Rwy 18,** tree 3' from DER, 358' right of centerline, 100' AGL/1419' MSL. **Rwy 36,** trees beginning 1' from DER, 500' left of centerline, up to 100' AGL/1439' MSL.

HUNTINGTON, WV

TRI-STATE/MILTON J FERGUSON FIELD (HTS)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 11013 (FAA)

DEPARTURE PROCEDURE: **Rwy 30,** climb heading 313° to 1800 before turning left.

NOTE: **Rwy 12,** trees beginning 146' from DER, 220' right of centerline, up to 106' AGL/885' MSL. Trees beginning 304' from DER, 230' left of centerline, up to 97' AGL/856' MSL. **Rwy 30,** trees beginning 254' from DER, 127' left of centerline, up to 89' AGL/928' MSL. Trees beginning 76' from DER, 137' right of centerline, up to 105' AGL/944' MSL.

INDIANA, PA

INDIANA COUNTY-JIMMY STEWART FLD (IDI)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 11041 (FAA)

TAKEOFF MINIMUMS: **Rwy 11,** std. w/ min. climb of 335' per NM to 1800 or 300-1¼ w/ min. climb of 228' per NM to 2300 or 1300-3 for climb in visual conditions. **Rwy 29,** 300-2 or std. w/ min. climb of 267' per NM to 1800.

DEPARTURE PROCEDURE: **Rwy 11,** climb heading 104° to 2600 before proceeding on course. For climb in visual conditions: cross Indiana County/Jimmy Stewart Field Airport at or above 2600 MSL before proceeding on course. **Rwy 29,** climb heading 284° to 1900 before proceeding East.

NOTE: **Rwy 11,** trees beginning 131' from DER, 112' left of centerline, up to 60' AGL/1479' MSL. Trees beginning 178' from DER, 14' right of centerline, up to 97' AGL/1516' MSL. Trees 5870' from DER, 2003' right of centerline, up to 100' AGL/1659' MSL. **Rwy 29,** terrain, vehicles on road, and poles beginning 19' from DER, 232' right of centerline, up to 36' AGL/1415' MSL. Tower 1.5 NM from DER, 990' right of centerline,121' AGL/1676' MSL. Tower 1.6 NM from DER, 861' right of centerline, 110' AGL/1670' MSL.

JOHNSTOWN, PA

JOHN MURTHA JOHNSTOWN-CAMBRIA CO (JST)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4 08269 (FAA)

NOTE: **Rwy 5,** trees beginning 326' from DER, 342' right of centerline, up to 100' AGL/2358' MSL. Trees beginning 887' from DER, 384' left of centerline, up to 100' AGL/2341' MSL. **Rwy 23,** trees beginning 215' from DER, 227' right of centerline, up to 100' AGL/2339' MSL. Trees beginning 431' from DER, 250' left of centerline, up to 100' AGL/2379' MSL. **Rwy 33,** trees beginning 359' from DER, 318' right of centerline, up to 100' AGL/2409' MSL.

18 AUG 2016 to 15 SEP 2016

18 AUG 2016 to 15 SEP 2016

LANCASTER, PA

LANCASTER (LNS)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 09351 (FAA)

TAKEOFF MINIMUMS: **Rwy 8,** 300-1¼ or std. w/ min. climb of 301' per NM to 700.

Rwy 31, 300-1½ or std. w/ min. climb of 210' per NM to 700, or alternatively with standard takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 1300' prior to DER.

DEPARTURE PROCEDURE: **Rwy 8,** climb heading 077° to 800 before turning left.

NOTE: **Rwy 8,** silo 590' from DER, 637' right of centerline, 88' AGL/427' MSL. Trees beginning 825' from DER, 41' right of centerline, up to 100' AGL/425' MSL. Trees beginning 1336' from DER, 281' left of centerline, up to 100' AGL/579' MSL. **Rwy 13,** trees beginning 2322' from DER, 902' right of centerline, up to 100' AGL/499' MSL. Trees beginning 615' from DER, 328' left of centerline, up to 43' AGL/442' MSL. **Rwy 26,** vehicles on road beginning 269' from DER, 494' right of centerline, up to 15' AGL/403' MSL. Tree 1257' from DER, 797 right of centerline, 59' AGL/439' MSL. Trees beginning 1927' from DER, 915' left of centerline, up to 100' AGL/489' MSL. **Rwy 31,** trees beginning 1334' from DER, 350' right of centerline, up to 100' AGL/571' MSL. Pole 402' from DER, 221' left of centerline, 24' AGL/404' MSL. Building 527' from DER, 229' left of centerline, 29' AGL/409' MSL. Trees beginning 956' from DER, 88' left of centerline, up to 100' AGL/489' MSL.

LATROBE, PA

ARNOLD PALMER RGNL (LBE)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 5 14205 (FAA)

TAKEOFF MINIMUMS: **Rwy 21,** 200-1 or std. w/min. climb of 320' per NM to 1400.

DEPARTURE PROCEDURE: **Rwy 3,** climb heading 030° to 3000 before proceeding on course. **Rwy 5,** climb heading 041° to 3300 before proceeding on course. **Rwy 21,** climb heading 225° to 3000 before proceeding on course. **Rwy 23,** climb heading 236° to 3000 before proceeding on course.

NOTE: **Rwy 3,** building 27' from DER, 496' right of centerline, 10' AGL/1153' MSL. Electric system 637' from DER, 623' right of centerline, 34' AGL/1170' MSL. Trees and poles beginning 738' from DER, 33' right of centerline, up to 100' AGL/1254' MSL. Building 1223' from DER, 643' right of centerline, 53' AGL/1185' MSL. Tree 1730' from DER, 145' left of centerline, 100' AGL/1190' MSL. **Rwy 5,** trees beginning 2972' from DER, 311' right of centerline, up to 100' AGL/1211' MSL. **Rwy 21,** terrain 90' from DER, 490' left of centerline 1190' MSL. Tree 270' from DER, 213' right of centerline, 100' AGL/1150' MSL. Trees, poles, buildings, vehicles, and fence beginning 598' from DER, 22' left of centerline, up to 100' AGL/1246' MSL. Trees, poles, buildings, and vehicles beginning 2728' from DER, 2' right of centerline, up to 100' AGL/1301' MSL. Trees, poles, and vehicles beginning 1315' from DER, 8' right of centerline, up to 100' AGL/1253' MSL. **Rwy 23,** terrain and trees beginning 3' from DER, 48' right of centerline, up to 100' AGL/1303' MSL. Terrain, trees, and pole 650' from DER, 27' left of centerline, up to 100' AGL/1312' MSL.

LEBANON, PA

KELLER BROTHERS (08N)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 12152 (FAA)

TAKEOFF MINIMUMS: **Rwy 7,** 500-3 w/ min. climb of 231' per NM to 1200 or 1500-2 ½ for climb in visual conditions. **Rwy 25,** 800-3 w/ min. climb of 370' per NM to 1600 or 1500-2 ½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 7,** climb heading 068° to 2000 before turning right, or for climb in visual conditions cross Keller Brothers Airport at or above 1900, before proceeding on course. **Rwy 25,** climb heading 248° to 2500 before proceeding on course, or for climb in visual conditions cross Keller Brothers Airport at or above 1900, before proceeding on course.

NOTE: **Rwy 7,** trees and buildings beginning 223' from DER, 113' left of centerline, up to 100' AGL/719' MSL. Trees and buildings beginning 1.6 NM from DER, 2422' right of centerline, up to 100' AGL/1499' MSL. **Rwy 25,** trees and buildings beginning 47' from DER, 39' right of centerline, up to 100' AGL/659' MSL. Trees and buildings beginning 355' from DER, 4' left of centerline, up to 100' AGL/1339' MSL.

LEHIGHTON, PA

JAKE ARNER MEMORIAL (22N)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 11125 (FAA)

TAKEOFF MINIMUMS: **Rwy 8**, std. w/min. climb of 426' per NM to 1700 or 600-2¼ with minimum climb of 269' per NM to 1700 or 2000-3 for climb in visual conditions. **Rwy 26,** std. w/min. climb of 362' per NM to 1600 or 2000-3 for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 8**, climb heading 081° to 2400 before proceeding on course, or for climb in visual conditions cross Jake Arner Memorial Airport at or above 2500 before proceeding on course. **Rwy 26**, climb heading 261° to 1900 before proceeding on course, or for climb in visual conditions cross Jake Arner Memorial Airport at or above 2500 before proceeding on course.

NOTE: **Rwy 8,** trees beginning 1961' from DER, 42' left of centerline, up to 100' AGL/426' MSL. Trees beginning 5388' from DER, 1817' right of centerline, up to 100' AGL/359' MSL. Building 1.5 NM from DER, 1826' right of centerline, 31' AGL/876' MSL. Tower 2.9 NM from DER, 4326' right of centerline, 207' AGL/967' MSL. **Rwy 26,** trees beginning 3282' from DER, 10' left of centerline, up to 100' AGL/659' MSL. Trees beginning 4511' from DER, 879' right of centerline, up to 100' AGL/699' MSL.

LEWISBURG, WV

GREENBRIER VALLEY (LWB)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4 09239 (FAA)

DEPARTURE PROCEDURE: **Rwy 4,** climb heading 043° to 3300 before proceeding on course. **Rwy 22,** climb heading 223° to 3100 before proceeding on course.

NOTE: **Rwy 4,** tree 1617' from DER, 528' right of centerline, 84' AGL/2364' MSL. **Rwy 22,** trees beginning 759' from DER 553' left of centerline, 60' AGL/2309' MSL. Trees beginning 1996' from DER, 289' right of centerline, up to 104' AGL/2364' MSL.

LOCK HAVEN, PA

WILLIAM T PIPER MEMORIAL (LHV)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 06327 (FAA)

TAKEOFF MINIMUMS: **Rwys 9L, 9R,** NA-obstacles. **Rwy 27L,** NA-ATC. **Rwy 27R,** std. w/ a min. climb of 393' per NM to 2500 or 2300-3 for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 27R,** climb heading 273° to 2500 before proceeding on course or for climb in visual conditions cross William T. Piper Memorial Airport at or above 2700 MSL before proceeding on course.

NOTE: **Rwy 27R,** multiple terrain and trees beginning 1.4 NM from DER, 1194' right of centerline, up to 100' AGL/1119' MSL. Tower 1.8 NM from DER, 349' right of centerline, 154' AGL/895' MSL.

LOGAN, WV

LOGAN COUNTY (6L4)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 13066 (FAA)

DEPARTURE PROCEDURE: **Rwy 24,** climb heading 245° to 3000 before proceeding on course.

NOTE: **Rwy 6,** trees beginning 46' from DER, 150' left of centerline, up to 49' AGL/ 1683' MSL. Trees beginning 358' from DER, 273' right of centerline, up to 82' AGL/ 1691' MSL. **Rwy 24,** trees 132' from DER, 193' right of centerline, up to 37' AGL/ 1682' MSL. Fence 556' from DER, 145' right of centerline, 18' AGL/ 1673' MSL. Vehicles on road beginning 2187' from DER, crossing left to right, 22' AGL/ 1735' MSL. Trees beginning 2335' from DER, 71' right of centerline, up to 121' AGL/ 1775' MSL. Tree 1408' from DER, 34' left of centerline, up to 134' AGL/ 1751' MSL. Building 1954' from DER, 312' left of centerline, 10' AGL/ 1726' MSL.

MARTINSBURG, WV

EASTERN WEST VIRGINIA RGNL/ SHEPHERD FIELD (MRB)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 7 16091 (FAA)

DEPARTURE PROCEDURE: **Rwy 8,** climb heading 079° to 1200 before turning westbound. **Rwy 26,** climb heading 259° to 1000, then climbing left turn to 2500 direct MRB VORTAC before proceeding on course.

NOTE: **Rwy 8,** tree 704' from DER, 278' right of centerline, 587' MSL. Tree 827' from DER, 575' left of centerline, 592' MSL. Trees beginning 879' from DER, 340' right of centerline, up to 593' MSL. Trees beginning 984' from DER, 309' left of centerline, up to 594' MSL. Tree 1322' from DER, 392' right of centerline, 599' MSL. Trees beginning 1510' from DER, 553' right of centerline, up to 602' MSL. Tree 1729' from DER, 503' right of centerline, 603' MSL. **Rwy 26,** terrain 165' from DER, 468' right of centerline, up to 569' MSL.

MEADVILLE, PA

PORT MEADVILLE (GKJ)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4 10266 (FAA)

DEPARTURE PROCEDURE: **Rwy 7,** climb heading 069° to 2000 before proceeding on course.

NOTE: **Rwy 7,** pole and trees beginning 30' from DER, 128' left of centerline, up to 86' AGL/1465' MSL. Terrain and trees beginning 58' from DER, 174' right of centerline, up to 96' AGL/1455' MSL. **Rwy 25,** trees beginning 33' from DER, 41' left of centerline, up to 90' AGL/1449' MSL. Trees beginning 51' from DER, 17' right of centerline, up to 106' AGL/1455' MSL.

MIFFLINTOWN, PA

MIFFLINTOWN (P34)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 06327 (FAA)

TAKEOFF MINIMUMS: **Rwy 8,** std. with a min. climb of 500' per NM to 4000 or 2100-3 for climb in visual conditions. **Rwy 26,** NA-obstacles.

DEPARTURE PROCEDURE: **Rwy 8,** climb heading 090° to 4000 before proceeding on course or for climb in visual conditions: cross Mifflintown Airport at or above 2500 MSL before proceeding on course.

NOTE: **Rwy 8,** multiple terrain and trees beginning 1332' from DER, 356' left of centerline, up to 200' AGL/839' MSL. Trees 1.2 NM from DER, 2350' right of centerline, up to 100' AGL/759' MSL.

MILTON, WV

ONA AIRPARK (12V)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 08101 (FAA)

TAKEOFF MINIMUMS: **Rwys 7, 25,** 1900-3 climb in visual conditions.

DEPARTURE PROCEDURE: **Rwys 7, 25,** Departure NA at night. For climb in visual conditions: cross Ona Airpark at or above 2300 MSL before proceeding on course. Do not exceed 180 KIAS until crossing Ona Airpark on course.

NOTE: **Rwy 7,** trees beginning 730' from DER, 44' left of centerline, up to 100' AGL/1019' MSL. Trees 4879' from DER, 597' right of centerline, up to 100' AGL/999' MSL. Trees beginning 1.8 NM from DER, 2539' left of centerline, up to 100' AGL/1199' MSL. Trees beginning 1.6 NM from DER, 556' right of centerline, up to 100' AGL/1199' MSL. **Rwy 25,** trees beginning 94' from DER, 47' right of centerline, up to 100' AGL/719' MSL. Towers and trees beginning 3016' from DER, 758' left of centerline, up to 125' AGL/822' MSL. Trees beginning 2 NM from DER, 3193' left of centerline, up to 100' AGL/1079' MSL.

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MONONGAHELA, PA

ROSTRAVER (FWQ)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 11209 (FAA)

DEPARTURE PROCEDURE: **Rwy 8,** climb heading 076° to 1800 before turning left.

NOTE: **Rwy 8,** runway end identifier light and trees beginning 6' from DER, 18' left of centerline, up to 80' AGL/1339' MSL. Runway end identifier light and trees beginning 7' from DER, 1' right of centerline, up to 81' AGL/1310' MSL. **Rwy 26,** runway end identifier light, catenary, antenna, telephone pylons, poles, power lines and trees beginning 1' from DER, 46' left of centerline, up to 107' AGL/1354' MSL. Runway end identifier light, light pole, and trees beginning 6' from DER, 77' right of centerline, up to 49' AGL/1268' MSL.

MORGANTOWN, WV

MORGANTOWN MUNI-WALTER L BILL HART FIELD (MGW)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 6 99308 (FAA)

TAKEOFF MINIMUMS: **Rwy 5,** 400-1. **Rwy 23,** 600-1.

DEPARTURE PROCEDURE: **Rwy 5,** climbing left turn to 3500 via heading 040° to intercept MGW R-015 before proceeding on course. **Rwy 18,** climbing right turn to 2700 via heading 225° before proceeding on course. **Rwy 23,** climbing left turn to 2700 via heading190°before proceeding on course. **Rwy 36,** climb runway heading to 2700 before proceeding on course.

MOUNDSVILLE, WV

MARSHALL COUNTY (MPG)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 14205 (FAA)

TAKEOFF MINIMUMS: **Rwy 6,** std. w/min. climb of 228' per NM to 1900 or 900-2½ for climb in visual conditions. **Rwy 24,** 300-2 or std. w/min. climb of 385' per NM to 1600.

DEPARTURE PROCEDURE: **Rwy 6,** for climb in visual conditions cross Marshall County airport at or above 2000 before proceeding on course. When executing VCOA, notify ATC prior to departure. **Rwy 24,** climb heading 240° to 1700 before turning left.

NOTE: **Rwy 6,** trees beginning 6' from DER, 65' left of centerline, up to 68' AGL/1207' MSL. Trees beginning 46' from DER, 391' right of centerline, up to 122' AGL/1237' MSL. Trees beginning 113' from DER, 85' right of centerline, up to 80' AGL/1219' MSL. Trees beginning 156' from DER, 84' left of centerline, up to 48' AGL/1227' MSL. Trees beginning 3967' from DER, 948' left of centerline, up to 100' AGL/1399' MSL. Pole 4755' from DER, 65' left of centerline, 32' AGL/1316' MSL. **Rwy 24,** trees beginning 10' from DER, 371' left of centerline, up to 65' AGL/1244' MSL. Trees beginning 28' from DER, 74' right of centerline, up to 17' AGL/1216' MSL. Trees beginning 116' from DER, 435' left of centerline, up to 98' AGL/1250' MSL. Trees beginning 1349' from DER, 310' left of centerline, up to 112' AGL/1291' MSL. Trees beginning 1644' from DER, 318' right of centerline, up to 78' AGL/1277' MSL. AG equipment 2454' from DER, 729' right of centerline, 54' AGL/1316' MSL. Poles and buildings beginning 2588' from DER, left and right of centerline, up to 55' AGL/1368' MSL. Vehicle on road beginning 2881' from DER, 948' left of centerline, up to 15' AGL/1311' MSL. Buildings and poles beginning 5270' from DER, left and right of centerline, up to 55' AGL/1441' MSL. Transmission towers beginning 5499' from DER, left and right of centerline, up to 104' AGL/1479' MSL.

MOUNT JOY/MARIETTA, PA

DONEGAL SPRINGS AIRPARK (N71)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 07354 (FAA)

DEPARTURE PROCEDURE: **Rwy 10,** climb heading 094° to 1300 before turning southwest. **Rwy 28,** climb heading 274° to 1900 before turning south.

NOTE: **Rwy 10,** tree 433' from DER, 487' right of centerline, 100' AGL/519' MSL.

MOUNT POCONO, PA

POCONO MOUNTAINS MUNI (MPO)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 10322 (FAA)

TAKEOFF MINIMUMS: **Rwy 5,** 300-2 or std. w/ min. climb of 234' per NM to 2300. **Rwy 31,** 300-1½ or std. w/ min. climb of 266' per NM to 2200.

DEPARTURE PROCEDURE: **Rwy 5,** climb heading 050° to 2500 before proceeding on course. **Rwy 13,** climb heading 128° to 2500 before proceeding on course. **Rwy 23,** climb heading 230° to 2500 before proceeding on course. **Rwy 31,** climb heading 308° to 2500 before proceeding on course.

NOTE: **Rwy 5,** trees beginning 4' from DER, 493' right of centerline, up to 100' AGL/2039' MSL. Trees beginning 19' from DER, 499' left of centerline, up to 100' AGL/2019' MSL. Tower 1.5 NM from DER, 2728' left of centerline, 177' AGL/2200' MSL. Vehicles 754' from DER, 55' left of centerline, up to 17' MSL/1957' MSL. **Rwy 13,** trees beginning 185' from DER, 52' left of centerline, up to 100' AGL/1989' MSL. Trees beginning 1628' from DER, 187' right of centerline, up to 100' AGL/1989' MSL. **Rwy 23,** trees beginning 14' from DER, 347' left of centerline, up to 100' AGL/1945' MSL. Trees beginning 73' from DER, 20' right of centerline, up to 100' AGL/1936' MSL. **Rwy 31,** trees beginning 7' from DER, 287' right of centerline, up to 100' AGL/2079' MSL. Trees beginning 580' from DER, 245' left of centerline, up to 100' AGL/1969' MSL. Railroad tracks 1459' from DER, up to 23' AGL/1903' MSL.

MUIR AAF (KMUI)

FORT INDIANTOWN GAP, PA

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

09015

DEPARTURE PROCEDURE: **Rwy 7,** climbing right turn on 190 bearing from BZJ NDB to 1900 before proceeding on course. **Rwy 25,** climbing left turn on 190 bearing from BZJ NDB to 1800 before proceeding on course.

TAKEOFF OBSTACLES: **Rwy 7,** Trees 309' from DER, left of centerline, 81' AGL/514' MSL. Trees 2945' from DER, 662' right of centerline, 63' AGL/562' MSL. **Rwy 25,** Tree 26' from DER, 415' right of centerline, 43' AGL/505' MSL. Vehicle on road 280' from DER, 61' left of centerline, 15' AGL/474' MSL. Building 382' from DER, 235' left of centerline, 33' AGL/492' MSL.

MYERSTOWN, PA

DECK (9D4)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 07018 (FAA)

DEPARTURE PROCEDURE: **Rwy 19,** climb heading 174° to 1600 before proceeding on course.

NOTE: **Rwy 1,** tree 315' from DER, 579' right of centerline, 41' AGL/570' MSL. Pole 697' from DER, 621' right of centerline, 31' AGL/553' MSL. Tree 878' from DER, 616' right of centerline, 56' AGL/572' MSL.

NEW CASTLE, PA

NEW CASTLE MUNI (UCP)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 03079 (FAA)

TAKEOFF MINIMUMS: **Rwy 13**, 300-1 or std. with a min. climb of 350' per NM to 1400.

NOTE: **Rwy 5,** tree 785' from DER, 196' right of centerline, 32' AGL/1029' MSL. **Rwy 13,** trees 4087' from DER, 1531' right of centerline, 100' AGL/1249' MSL. Building 262' from DER, 179' left of centerline, 24' AGL/1088' MSL. **Rwy 31,** tree 497' from DER, 18' right of centerline, 28' AGL/1044' MSL.

PALMYRA, PA

REIGLE FIELD (58N)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 11349 (FAA)

TAKEOFF MINIMUMS: **Rwys 13, 31,** NA at night.

Rwy 13, 1000-3 w/min. climb of 373' to 2500 or 1600-2½ for climb in visual conditions.

Rwy 31, 1000-3 or 1600-2½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 13,** climb heading 127° to 2500 before proceeding on course or for climb in visual conditions: cross Reigle Field Airport at or above 1900 MSL before proceeding on course. **Rwy 31,** climb heading 307° to 2500 before proceeding on course or for climb in visual conditions: cross Reigle Field Airport at or above 1900 MSL before proceeding on course.

NOTE: **Rwy 13,** vehicles/buildings/power lines beginning 60' from DER on centerline, up to 200' AGL/699' MSL. Terrain beginning 2 NM from DER, 50' right of centerline, up to 1160' MSL. Signs beginning 165' from DER, 244' right of centerline, up to 9' AGL/501' MSL.

Rwy 31, buildings/power lines beginning 1250' from DER, on centerline, up to 200' AGL/679' MSL.

PARKERSBURG, WV

MID-OHIO VALLEY RGNL (PKB)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 09155 (FAA)

TAKEOFF MINIMUMS: **Rwy 3,** 300-1 or std. w/ min. climb of 451' per NM to 1300. **Rwy 28,** 500-3 or std. w/ min. climb of 295' per NM to 1600.

NOTE: **Rwy 3,** trees beginning 253' from DER, 424' left of centerline, up to 100' AGL/1080' MSL. Trees 2615' from DER, 807' right of centerline, 100' AGL/935' MSL. **Rwy 10,** trees beginning 281' from DER, left and right of centerline, up to 100' AGL/889' MSL. **Rwy 21,** trees beginning 513' from DER, 193' right of centerline, up to 100' AGL/952' MSL. Trees beginning 248' from DER, 499' left of centerline, up to 100' AGL/837' MSL. Trees 4457' from DER, 239' right of centerline, 100' AGL/944' MSL. **Rwy 28,** trees beginning 97' from DER, 387' right of centerline, up to 100' AGL/862' MSL.

PERKASIE,PA

PENNRIDGE (CKZ)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 11125 (FAA)

TAKEOFF MINIMUMS: **Rwy 8**, 300-1. **Rwy 26,** 500-2 ¾ or std. w/min. climb of 252' per NM to 1200.

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PETERSBURG, WV

GRANT COUNTY (W99)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 13262 (FAA)

TAKEOFF MINIMUMS: **Rwys 13, 31,** 2400-3 for climb in visual condition.

DEPARTURE PROCEDURE: For climb in visual conditions, cross Grant County airport Northeast bound at or above 3200. Then climb to 5000 on ESL R -214 direct ESL VOR/DME. When executing VCOA, notify ATC prior to departure.

NOTE: **Rwy 13,** trees 517' from DER, 609' left of centerline, up to 70' AGL /1029' MSL. Trees beginning 3042' from DER, 1304' right of centerline, up to 100' AGL /1099' MSL. **Rwy 31,** trees 182' from DER, 546' right of centerline, up to 100' AGL/1099' MSL. Vehicles on road 1651' from DER, 927' right of centerline, up to 15' AGL/1054' MSL. Building 2553' from DER, 414' right of centerline, 30' AGL/1029' MSL. Trees beginning 3642' from DER, 651' left of centerline, up to 100' AGL/1139' MSL.

PHILADELPHIA, PA

NORTHEAST PHILADELPHIA (PNE)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 08045 (FAA)

TAKEOFF MINIMUMS: **Rwy 33,** 200-1¼ or std. w/ min. climb of 223' per NM to 400, or alternatively, with standard takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 1600' prior to DER.

NOTES: **Rwy 6,** Trees 1355' from DER, 803' left of centerline 58' AGL/179' MSL. Trees 1576' from DER, 835' left of centerline, 44' AGL/165' MSL. **Rwy 15,** Vehicles on roads beginning 540' from DER, on centerline, up to 15' AGL/134' MSL. Trees beginning 592' from DER, 42' left of centerline, up to 74' AGL/166' MSL. Trees beginning 928' from DER, 213' right of centerline, up to 64' AGL/173' MSL. **Rwy 24,** Trees beginning 198' from DER 198' left of centerline, up to 38' AGL/158' MSL. Vehicle on road 450' from DER, on centerline, 15' AGL/134' MSL. Tank and trees beginning 2343' from DER, 577' left of centerline, up to 91' AGL/200' MSL. Bushes and trees beginning 118' from DER, 182' right of centerline, up to 26' AGL/137' MSL. Trees beginning 1325' from DER, 220' right of centerline, up to 77' AGL/197' MSL. **Rwy 33,** Vehicle on road 2050' from DER, on centerline, 15' AGL/174' MSL. Bushes and trees beginning 491' from DER, 29' left of centerline, up to 66' AGL/225' MSL. Obstruction light transmission towers, beginning 5872' from DER, 401' left of centerline, up to 125' AGL/284' MSL. Bushes and trees beginning 636' from DER, 185' right of centerline, up to 57' AGL/215' MSL.

PHILADELPHIA, PA (CON'T)

PHILADELPHIA INTL (PHL)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 9 12152 (FAA)

TAKEOFF MINIMUMS: **Rwy 8,** std. w/min. climb of 320' per NM to 1000. **Rwy 26,** NA-obstacles. **Rwy 9L,** std. w/min. climb of 390' per NM to 600. **Rwy 9R,** std. w/min. climb of 300' per NM to 400. **Rwy 17,** 300-1 or std. w/ min. climb of 460' per NM to 300. **Rwy 35,** std. w/min. climb of 270' per NM to 1400.

NOTE: **Rwy 8,** fence 163' from DER, 250' right of centerline, 4' AGL/41' MSL. **Rwy 9L,** trees 593' from DER, 633' left of centerline, up to 12' AGL/26' MSL. **Rwy 9R,** towers beginning 2592' from DER, 1044' right of centerline, up to 140' AGL/145' MSL. **Rwy 17,** light poles and trees beginning 711' from DER, 244' left of centerline, up to 56' AGL/65' MSL. Trees beginning 1096' from DER, 126' right of centerline, up to 43' AGL/52' MSL. Ship in channel 3096' from DER, 86' left of centerline, up to 188' AGL/188' MSL. **Rwy 27L,** trees beginning 256' from DER, 282' right of centerline, up to 40' AGL/49' MSL. **Rwy 35,** fences, signs, light poles, transmission poles, and trees beginning 115' from DER, 360' left of centerline, up to 114' AGL/128' MSL. Fence, sign, flagpole, building, light poles, transmission poles, trees, and transmission tower beginning 444' from DER, 2' right of centerline, up to 120' AGL/130' MSL.

WINGS FIELD (LOM)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 10266 (FAA)

DEPARTURE PROCEDURE: **Rwy 24,** climb heading 245° to 1100 before turning left.

NOTE: **Rwy 6,** trees beginning 54' from DER, 103' left of centerline, up to 106' AGL/389' MSL. Trees beginning 513' from DER, 110' right of centerline, up to 107' AGL/347' MSL. **Rwy 24,** multiple trees, towers, buildings, flag poles, vehicles on road, and rising terrain beginning at DER, left and right of centerline, up to 160' AGL/444' MSL.

PHILIPPI, WV

PHILIPPI/BARBOUR COUNTY RGNL (79D)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 08157 (FAA)

DEPARTURE PROCEDURE: **Rwy 8,** climb heading 083° to 3300 before turning south.

NOTE: **Rwy 8,** trees beginning 108' from DER, 118' right of centerline, up to 100' AGL/1799' MSL. **Rwy 26,** trees beginning 504' from DER, 220' left of centerline, up to 100' AGL/1779' MSL.

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PHILIPSBURG, PA

MID-STATE (PSB)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 13066 (FAA)

TAKEOFF MINIMUMS: **Rwy 6,** std. w/min. climb of 238' per NM to 2600 or 1000-3 for climb in visual conditions. **Rwy 16,** 400-2 or std. w/min. climb of 317' per NM to 2500. **Rwy 24,** 800-3 or std. w/min. climb of 308' per NM to 2400.

DEPARTURE PROCEDURE: **Rwy 6,** climbing left turn heading 340° to 2900 before proceeding on course or for climb in visual conditions: Cross Mid-State airport at or above 2900 before proceeding on course. When executing VCOA, notify ATC prior to departure. **Rwy 16,** climb on heading 167° to 2800 before proceeding on course. **Rwy 24,** climb on heading 241° to 2800 before proceeding on course. **Rwy 34,** climb on heading 347° to 2800 before proceeding on course.

NOTE: **Rwy 6,** tree 24' from DER, 269' right of centerline, 50' AGL/1959' MSL. Trees beginning 201' from DER, 250' right of centerline, up to 50 AGL/1951' MSL. Tree 336' from DER, 14' left of centerline, 60' AGL/1950' MSL. Tree 439' from DER, 182' right of centerline, 60' AGL/1947' MSL. Trees beginning 522' from DER, 14' left of centerline, up to 60' AGL/1950' MSL**. Rwy 16,** trees beginning 7' from DER, 493' right of centerline, up to 80' AGL/2004' MSL. Trees beginning 51' from DER, 303' left of centerline, up to 80' AGL/1995' MSL. Pole 1 NM from DER, 103' left of centerline, 72' AGL/2097' MSL. Trees 1.1 NM from DER, 98' left of centerline, up to 100' AGL/2309' MSL. Pole 1.6 NM from DER, 84' AGL/2263' MSL. **Rwy 24,** tree 83' from DER, 442' left of centerline, 60' AGL/1952' MSL. Trees beginning 165' from DER, 442' left of centerline, up to 60' AGL/1900' MSL. Trees beginning 172' from DER, 95' right of centerline, up to 60' AGL/1890' MSL. Trees beginning 972' from DER, 470' right of centerline, up to 80' AGL/1952' MSL. Trees beginning 4367' from DER, 230' right of centerline, up to 80' AGL/2079' MSL. Tree 1.6 NM from DER, 400' right of centerline, 100' AGL/2122' MSL. **Rwy 34,** vehicles 70' from DER, 457' right of centerline, 15' AGL/1969' MSL. Trees beginning 494' from DER, 518' left of centerline, up to 40' AGL/1993' MSL. Tree 847' from DER, 651' right of centerline. 80' AGL/1972' MSL.

PINEVILLE, WV

KEE FIELD (I16)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 98113 (FAA)

TAKEOFF MINIMUMS: **Rwy 8,** 700-2.
Rwy 26, 600-1.

DEPARTURE PROCEDURE: **Rwys 8, 26**, climb runway heading to 3000 before proceeding on course.

NOTE: **Rwy 8,** 86' trees/terrain 2100' from departure end on centerline. **Rwy 26**, 135' trees/terrain 1300' from departure end on centerline.

PITTSBURGH, PA

ALLEGHENY COUNTY (AGC)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

NOTE: **Rwy 10,** vehicle 91' from DER, 492' right of centerline, 15' AGL/1254' MSL. Tree 3783' from DER, 713' left of centerline, 69' AGL/1352' MSL. **Rwy 13,** vehicle 73' from DER, 412' right of centerline, 15' AGL/1254' MSL. Trees beginning 385' from DER, 120' right of centerline, up to 40' AGL/1268' MSL. **Rwy 31,** pole 265' from DER, 298' right of centerline, 49' AGL/1263' MSL.

PITTSBURGH INTL(PIT)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

TAKEOFF MINIMUMS: **Rwy 32,** 200-1½ or std. w/ min. climb of 240' per NM to 1500, or alternatively, with standard takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 2100' prior to DER.

NOTE: **Rwy 10C,** multiple trees beginning 3207' from DER, 461' left of centerline, up to 29' AGL/1263' MSL. **Rwy 10L,** tree 1387' from DER, 733' left of centerline, 59' AGL/1233' MSL. Rod on obstruction light tower, 4168' from DER, 910' left of centerline, 112' AGL/1282' MSL. Tower 4175' from DER, 864' left of centerline, 112' AGL/1282' MSL. Tree 1463' from DER, 672' left of centerline, 38' AGL/1212' MSL. **Rwy 10R,** multiple trees beginning 1082' from DER, 102' right of centerline, up to 66' AGL/1265' MSL. Obstruction light on monitor pole 4590' from departure end of runway, 1124' left of centerline, 55' AGL/1241' MSL. Pole 4610' from DER, 1138' left of centerline, 55' AGL/1241' MSL. **Rwy 14,** tree 968' from DER, 516' right of centerline, 44' AGL/1158' MSL. **Rwy 28L,** tree 2272' from DER, 1109' left of centerline, 64' AGL/1223' MSL. Tree 39' from DER, 498' left of centerline, 9' AGL/1144' MSL. **Rwy 28R,** tree 1810' from DER, 912' right of centerline, 34' AGL/1273' MSL. Bush 73' from DER, 477' right of centerline, 12' AGL/1215' MSL. Pole 645' from DER, 633' left of centerline, 20' AGL/1223' MSL. **Rwy 32,** antenna on obstruction light tower 1.1 NM from DER, 435' left of centerline, 105' AGL/1354' MSL. Tower 6812' from DER, 497' left of centerline, 96' AGL/1342' MSL. Light on pole 454' from DER, 515' right of centerline, 25' AGL/1173' MSL. Multiple trees beginning 1717' from DER, 1108' right of centerline, up to 61' AGL/1321' MSL. Tree 6074' from DER, 1272' right of centerline, 61' AGL/1321' MSL. Tree 2577' from DER, 1108' right of centerline, 74' AGL/1233' MSL. Tree 2480' from DER, 1118' right of centerline, 33' AGL/1212' MSL.

POINT PLEASANT, WV

MASON COUNTY (3I2)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4A 16035 (FAA)

TAKEOFF MINIMUMS: **Rwy 7,** 300-1½ or std. w/min. climb of 212' per NM to 900, or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1500' prior to DER.
Rwy 25, 400-2½.

DEPARTURE PROCEDURE: **Rwy 7,** climb heading 082° to 1500 before proceeding on course. **Rwy 25,** climb heading 252° to 2000 before turning right.

NOTE: **Rwy 7,** trees beginning 13' from DER, 242' left of centerline, up to 70' AGL/709' MSL. Trees beginning 95' from DER, 179' right of centerline, up to 67' AGL/706' MSL. Trees 1.3 NM from DER, 442' right of centerline, up to 53' AGL/832' MSL. **Rwy 25,** trees beginning abeam DER, 255' left of centerline, up to 100' AGL/759' MSL. Vehicles on road and trees beginning 292' from DER, 20' right of centerline, up to 100' AGL/739' MSL. Trees 143' from DER, 490' left of centerline, up to 100' AGL/799' MSL. Tower 2.1 NM from DER, 598' right of centerline, 155' AGL/964' MSL.

18 AUG 2016 to 15 SEP 2016

POTTSTOWN, PA

HERITAGE FIELD (PTW)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2A 09323 (FAA)

TAKEOFF MINIMUMS: **Rwy 10,** 300-1¼ or std. with a min. climb of 290' per NM to 600. **Rwy 28**, 500-2.

DEPARTURE PROCEDURE: **Rwy 28**, climb heading 276° to 900 before proceeding on course.

POTTSTOWN MUNI (N47)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2A 09295 (FAA)

TAKEOFF MINIMUMS: **Rwy 8,** std. w/ min. climb of 414' per NM to 1300, or 600-3 w/ min. climb of 241' per NM to 1300, or 1300-2½ for climb in visual conditions. **Rwy 26,** std. w/ min. climb of 288' per NM to 1600 or 1300-2½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 8,** climb heading 076° to 1300 before proceeding on course. For climb in visual conditions: cross Pottstown Muni Airport at or above 1400 MSL before proceeding on course. **Rwy 26,** climb heading 271° to 1100 before proceeding on course. For climb in visual conditions: cross Pottstown Muni Airport at or above 1400 MSL before proceeding on course.

NOTE: **Rwy 8,** terrain 2761' from DER, 124' right of centerline, 0' AGL/319' MSL. Multiple trees beginning 5919' from DER, 854' left of centerline, up to 100' AGL/559' MSL. Multiple trees beginning 1.3 NM from DER, 616' right of centerline, up to 100' AGL/759' MSL. **Rwy 26,** tree 400' from DER, on centerline, 35' AGL/295' MSL. Terrain 10' from DER, 246' left of centerline, 0' AGL/279' MSL. Tree 399' from DER, on centerline, up to 100' AGL/295' MSL. Multiple trees beginning 1 NM from DER, 2009' right of centerline, up to 100' AGL/579' MSL.

POTTSVILLE, PA

SCHUYKILL COUNTY/JOE ZERBEY (ZER)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 09239 (FAA)

TAKEOFF MINIMUMS: **Rwys 4, 22,** NA-Environmental.

NOTE: **Rwy 11,** tree 88' from DER, 467' left of centerline, 23' AGL/1723' MSL. Tree 358' from DER, 545' right of centerline, 100' AGL/1779' MSL. **Rwy 29,** tree 433' from DER, 151' left of centerline, 100' AGL/1819' MSL. Tree 460' from DER, 263' right of centerline, 100' AGL/1819' MSL. Bush 86' from DER, 236' right of centerline, 7' AGL/1746' MSL.

PUNXSUTAWNEY, PA

PUNXSUTAWNEY MUNI (N35)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 11069 (FAA)

TAKEOFF MINIMUMS: **Rwy 1**, NA-obstacles. **Rwy 6**, 400-2½ or std. w/min. climb of 344' per NM to 2000. **Rwy 19**, 500-2¾ or std. w/ min. climb of 285' per NM to 2000.

DEPARTURE PROCEDURE: **Rwy 6**, climb on heading 067° to 2000 before proceeding on course. **Rwy 19,** climb on heading 188° to 2400 before proceeding on course. **Rwy 24,** climb on heading 247° to 2300 before proceeding on course.

NOTE: **Rwy 6,** aircraft on taxiway 4' from DER, 171' right of centerline, up to 10' AGL/1447' MSL. Trees beginning 285' from DER, 304' left of centerline, up to 100' AGL/1542' MSL. Vehicle on road 505' from DER, 304' left of centerline, up to 15' AGL/1457' MSL. Building 732' from DER, 685' right of centerline, up to 40' AGL/1480' MSL. Vehicle on road 733' from DER, 352' right of centerline, up to 15' AGL/1457' MSL. Trees beginning 1252' from DER, 417' right of centerline, up to 100' AGL/1499' MSL. **Rwy 19,** trees beginning 8' from DER, 154' right of centerline, up to 100' AGL/1539' MSL. Building 43' from DER, 373' left of centerline, up to 20' AGL/1459' MSL. Trees beginning 169' from DER, 390' left of centerline, up to 100' AGL/1539' MSL. **Rwy 24,** buildings beginning 192' from DER, 57' right of centerline, up to 30' AGL/1489' MSL. Trees beginning 232' from DER, 174' left of centerline, up to 100' AGL/1510' MSL. Trees beginning 1015' from DER, 310' right of centerline, up to 100' AGL/1559' MSL.

QUAKERTOWN, PA

QUAKERTOWN (UKT)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 12180 (FAA)

TAKEOFF MINIMUMS: **Rwy 29,** 300-1 or std. w/min. climb of 730' per NM to 800.

NOTE: **Rwy 11,** multiple trees, structures and poles beginning 19' from DER, 1300' left of centerline to 1385' right of centerline, up to 100' AGL/639' MSL.

Rwy 29, multiple trees, structures and poles beginning 27' from DER, 1329' left of centerline to 1049' right of centerline, up to 100' AGL/691' MSL.

RAVENSWOOD, WV

JACKSON COUNTY (I18)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 11237 (FAA)

TAKEOFF MINIMUMS: **Rwy 4,** 300-2 or std. w/min. climb of 225' per NM to 1200.

DEPARTURE PROCEDURE: **Rwy 4,** climb heading 037° to 1300 before turning west. **Rwy 22,** climb heading 217° to 1300 before turning north.

NOTE: **Rwy 4,** trees beginning 2137' from DER, 539' right of centerline, up to 100' AGL/890' MSL. Trees beginning 1.6 NM from DER, 517' left of centerline, up to 100' AGL/1019' MSL. **Rwy 22,** trees beginning 6' from DER, 476' right of centerline up to 100' AGL/802' MSL. Trees beginning 2528' from DER 774' left of centerline, up to 100' AGL/879' MSL.

READING, PA

READING RGNL/CARL A. SPAATZ FIELD (RDG)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 5 14149 (FAA)

TAKEOFF MINIMUMS: **Rwy 13,** std. w/min. climb of 434' per NM to 1700. **Rwy 31,** 500-2½ or std. w/min. climb of 413' per NM to 900. **Rwy 36,** 400- 2 or std. w/min. climb of 351' per NM to 800.

DEPARTURE PROCEDURE: **Rwy 18,** climb heading 184° to 1400 before turning left. **Rwy 31,** climb heading 313° to 900 before turning right. **Rwy 36,** climb heading 004° to 1100 before turning right.

NOTE: **Rwy 13,** building and antenna beginning 67' from DER, 377' right of centerline, up to 41' AGL/373' MSL. Trees beginning 484' from DER, left and right of centerline, up to 122' AGL/398' MSL. **Rwy 18,** vertical structure, 61' from DER, 488' right of centerline, up to 6' AGL/352' MSL. Vehicles on road beginning 112' from DER, 380' right of centerline, up to 15' AGL/361' MSL. Trees beginning 780' from DER, 406' left of centerline, up to 86' AGL/385' MSL. **Rwy 31,** trees beginning 1318' from DER, left and right of centerline, up to 67' AGL/776' MSL. **Rwy 36,** trees beginning 103' from DER, left and right of centerline, up to 87' AGL/410' MSL.

REEDSVILLE, PA

MIFFLIN COUNTY (RVL)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 08157 (FAA)

TAKEOFF MINIMUMS: **Rwy 6,** std. w/ min. climb of 287' per NM to 3000 or 2200-3 for climb in visual conditions. **Rwy 24,** std. w/ min. climb of 242' per NM to 2800 or 2200-3 for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 6,** climb heading 059° to 3000 before proceeding on course or for climb in visual conditions cross Mifflin County Airport at or above 3000 MSL before proceeding on course. **Rwy 24**, climb heading 239° to 2800 before proceeding on course or for climb in visual conditions cross Mifflin County Airport at or above 3000 MSL before proceeding on course.

NOTE: **Rwy 6,** fence beginning 59' from DER, 497' right of centerline, up to 6' AGL/825' MSL. Bushes 449' from DER, 422' right of centerline, up to 10' AGL/829' MSL. **Rwy 24,** ground 171' from DER, 481' left of centerline, 0' AGL/830' MSL. Fence 207' from DER, 288' left of centerline, 15' AGL/834' MSL. Trees 1189' from DER, 198' right of centerline, up to 100' AGL/933' MSL. Trees 2,168' from DER, 407' left of centerline, up to 100' AGL/908' MSL.

ST. MARYS, PA

ST. MARYS MUNI (OYM)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 05188 (FAA)

NOTE: **Rwy 10,** terrain and trees 3833' from DER, right and left of centerline, 100' AGL/2119' MSL. **Rwy 28,** terrain and trees 1926' from DER, right and left of centerline, 100' AGL/1979' MSL; terrain and trees 3754' from DER, right and left of centerline, 100' AGL/2000' MSL.

SELINGSGROVE, PA

PENN VALLEY (SEG)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 09351 (FAA)

TAKEOFF MINIMUMS: **Rwy 17,** std. w/ min. climb of 500' per NM to 1500 or 1500-2½ for climb in visual conditions. **Rwy 35,** 500-2 w/ min. climb of 500' per NM to 1300 or 1500-2½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 17,** climbing right turn direct SEG VORTAC before proceeding on course. Do not exceed 180 KIAS until SEG VORTAC, or for climb in visual conditions, cross Penn Valley airport at or above 1800 before proceeding on course. **Rwy 35,** climb heading 350° to 1900 before proceeding on course, or for climb in visual conditions, cross Penn Valley airport at or above 1800 before proceeding on course.

NOTE: **Rwy 17,** trees beginning 1.8 NM from DER, 1068' left of centerline, up to 100' AGL/919' MSL. Trees beginning 29' from DER, 151' left of centerline, up to 100' AGL/559' MSL. Pole 2520' from DER, 84' right of centerline, 58' AGL/508' MSL. **Rwy 35,** trees beginning, 273' from DER, 75' left of centerline, up to 100' AGL/539' MSL. Trees beginning 1947' from DER, 624' right of centerline, up to 100' AGL/899' MSL.

SHAMOKIN, PA

NORTHUMBERLAND COUNTY (N79)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

TAKEOFF MINIMUMS: **Rwy 8**, 400-1 or std. with a min. climb of 450' per NM to 1400. **Rwy 26**, 700-1 or std. with a min. climb of 250' per NM to 1400.

DEPARTURE PROCEDURE: **Rwy 8**, climb to 1400, then climbing left turn to 4000 direct SEG VORTAC. **Rwy 26,** climb to 1400, then climb to 4000 via SEG R-088 to SEG VORTAC.

SOMERSET, PA

SOMERSET COUNTY (2G9)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 07354 (FAA)

TAKEOFF MINIMUMS: **Rwy 14,32,** NA-environmental.

DEPARTURE PROCEDURE: **Rwy 7,** climb heading 066° to 3000 before turning south. **Rwy 25,** climb heading 246° to 2800 before turning south.

NOTE: **Rwy 7,** trees beginning 57' from DER, 178' right of centerline, up to 79' AGL/2285' MSL. Tree 1291' from DER, 76' left of centerline, 59' AGL/2238' MSL. Buildings beginning 639' from DER, 348' left of centerline, up to 40' AGL/2222' MSL. **Rwy 25,** trees beginning 480' from DER, 152' right of centerline, up to 67' AGL/2346' MSL. Antenna on building 283' from DER, 204' right of centerline, 30' AGL/2290' MSL. Tree 584' from DER, 211' left of centerline, 55' AGL/2297' MSL. Obstruction light on localizer 291' from DER, on centerline, 20' AGL/2284' MSL.

SPENCER, WV
BOGGS FIELD (USW)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 1 12264 (FAA)
TAKEOFF MINIMUMS: **Rwy 10,** 300-2 or std. w/min. climb of 447' per NM to 1300. **Rwy 28,** 400-2½ or std. w/ min. climb of 332' per NM to 1400.
DEPARTURE PROCEDURE: **Rwy 10,** climb heading 100° to 1400 before proceeding on course. **Rwy 28,** climb heading 280° to 1600 before turning south.
NOTE: **Rwy 10,** vegetation beginning 14' from DER, left and right of centerline, up to 13' AGL/932' MSL. Terrain and trees beginning 2060' from DER, 3' right of centerline, up to 60' AGL/1079' MSL. Terrain, trees and buildings beginning 3169' from DER, 14' left of centerline, up to 60' AGL/1079' MSL. Tree 4288' from DER, 236' right of centerline, up to 88' AGL/1167' MSL. Tree 1.2 NM from DER, 1867' left of centerline, up to 35' AGL/1194' MSL. Tree 1.7 NM from DER, 1510' right of centerline, up to 63' AGL/1182' MSL. **Rwy 28,** terrain, trees, fences and pole beginning 13' from DER, 17' right of centerline, up to 74' AGL/1073' MSL. Trees beginning 764' from DER, 14' left of centerline, up to 76' AGL/1055' MSL. Tree 3587' from DER, 1432' right of centerline, up to 82' AGL/1081' MSL. Tree 1.8 NM from DER, 3390' left of centerline, up to 63' AGL/1242' MSL. Tree 2 NM from DER, 3063' left of centerline, up to 63' AGL/1252' MSL.

STATE COLLEGE, PA
UNIVERSITY PARK (UNV)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 4 98309 (FAA)
TAKEOFF MINIMUMS: **Rwys 16,34**, NA.
DEPARTURE PROCEDURE: **Rwys 6,24**, climb runway heading to 2600 before proceeding on course.

STERLING, PA
SPRING HILL (70N)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 1 09323 (FAA)
TAKEOFF MINIMUMS: **Rwy 23,** 600-3 with min. climb of 240' per NM to 2600 or 1000-3 for climb in visual conditions.
DEPARTURE PROCEDURE: **Rwy 23,** climb heading 232° to 2500 before proceeding on course or for climb in visual conditions: cross Spring Hill airport at or above 2600 MSL before proceeding on course.
NOTE: **Rwy 5,** trees beginning 333' from DER, 271' left of centerline, up to 100' AGL/1719' MSL. Building and trees beginning 259' from DER, 265' right of centerline, up to 100' AGL/1799' MSL. **Rwy 23,** trees beginning 51' from DER, 202 left of centerline, up to 100' AGL/1859' MSL. terrain and trees beginning 482' from DER, 195' right of centerline, up to 100' AGL/1879' MSL.

SUMMERSVILLE, WV
SUMMERSVILLE (SXL)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 3A 11097 (FAA)
TAKEOFF MINIMUMS: **Rwy 4**, 400-1 or std. w/min. climb of 350' per NM to 3000.
DEPARTURE PROCEDURE: **Rwy 4,** climb heading 044° to 2900 before proceeding on course. **Rwy 22,** climb heading 224° to 2400 before proceeding on course.

SUTTON, WV
BRAXTON COUNTY (48I)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 1 16203 (FAA)
TAKEOFF MINIMUMS: **Rwy 2,** 300-1. **Rwy 20,** 500-2½ w/min. climb of 290' per NM to 2400 or 1200-3 for VCOA.
DEPARTURE PROCEDURE: **Rwy 2,** climb via heading 016° to 2200 before turning left.
VISUAL CLIMB: Obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Sutton County airport at or above 2300 before proceeding on course.
NOTE: **Rwy 2,** terrain, fences, and vehicles on road beginning 61' from DER, 90' right of centerline, up to 15' AGL/1311' MSL. Terrain, fences, and vehicles on road beginning 77' from DER, 48' left of centerline, up to 15' AGL/1307' MSL. Pole and trees beginning 56' from DER, 298' right of centerline, up to 90' AGL/1409' MSL. Trees beginning 22' from DER, 244' left of centerline, up to 78' AGL/1417' MSL. Terrain and trees beginning 556' from DER, 223' left of centerline, up to 80' AGL/1399' MSL. Trees beginning 1015' from DER, 260' right of centerline, up to 106' AGL/1435' MSL. Trees beginning 889' from DER, 233' left of centerline, up to 116' AGL/1445' MSL. trees 4508' from DER, 1011' left of centerline, up to 65' AGL/1484' MSL. **Rwy 20,** fences, vehicles on road, poles, and trees beginning 197' from DER, 40' left of centerline, up to 49' AGL/1337' MSL. Trees beginning 468' from DER, 1' right of centerline, up to 45' AGL/1324' MSL. Terrain and trees beginning 72' from DER, 264' left of centerline, up to 76' AGL/1435' MSL. Trees beginning 26' from DER, 311' right of centerline, up to 97' AGL/1376' MSL. Trees beginning 1123' from DER, 54' right of centerline, up to 96' AGL/1515' MSL. Trees beginning 4425' from DER, 47' left of centerline, up to 93 AGL/1529 MSL. Trees beginning 1.5 NM from DER, left and right of centerline, up to 111' AGL/1590' MSL. Trees 2.4 NM from DER, 3786' left of centerline, up to 100' AGL/1739' MSL.

TITUSVILLE, PA
TITUSVILLE (6G1)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
NOTE: **Rwy 18,** trees beginning 1865' from DER, 199' right of centerline, up to 100' AGL/1589' MSL. Trees beginning 1313' from DER, on centerline, up to 100' AGL/1609' MSL. Trees beginning 872' from DER, 194' left of centerline, up to 100' AGL/1619' MSL. **Rwy 36,** trees beginning 2798' from DER, 217' right of centerline, up to 100' AGL/1689' MSL. Trees beginning 2806' from DER, 47' left of centerline, up to 100' AGL/1736' MSL.

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TOUGHKENAMON, PA

NEW GARDEN (N57)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 95033 (FAA)

TAKEOFF MINIMUMS: **Rwy 6**, 300-1.

DEPARTURE PROCEDURE: **Rwys 6,24,** climb runway heading to 900 before turning on course.

TOWANDA, PA

BRADFORD COUNTY (N27)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 12208 (FAA)

TAKEOFF MINIMUMS: **Rwy 5,** 800-2 w/min. climb of 333' per NM to 2000, or std. w/min. climb of 461' per NM to 2000, or 2000-3 for climb in visual conditions. **Rwy 23,** std. w/min. climb of 685' per NM to 2800, or 2000-3 for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 5,** climb heading 047° to 2000 before proceeding on course or for climb in visual conditions: cross Bradford County airport at or above 2600 before proceeding on course. When executing VCOA, notify ATC prior to departure. **Rwy 23**, climb heading 227° to 2000 before proceeding on course or for climb in visual conditions: cross Bradford County airport at or above 2600 before proceeding on course. When executing VCOA, notify ATC prior to departure.

NOTE: **Rwy 5,** pole and trees beginning 4' from DER, 267' right of centerline, up to 100' AGL/859' MSL. Grain bin/silo and trees beginning 131' from DER, 475' left of centerline, up to 100' AGL/823' MSL. **Rwy 23,** trees beginning 1069' from DER, 1' left of centerline, up to 100' AGL/1159' MSL. Navaid 14' from DER, 113' right of centerline, 12' AGL/731' MSL. Trees beginning 3206' from DER, 44' right of centerline, up to 100' AGL/1287' MSL.

TOWER CITY, PA

BENDIGO (74N)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 09183 (FAA)

TAKEOFF MINIMUMS: **Rwy 5,** std. w/ min. climb of 518' per NM to 2200 or 1700-2 for climb in visual conditions. **Rwy 23,** NA-terrain.

DEPARTURE PROCEDURE: **Rwy 5,** departure NA at night. Climb heading 054° to 2200 before proceeding on course or for climb in visual conditions: cross Bendigo airport at or above 2300 before proceeding on course. Do not exceed 180 KIAS until crossing Bendigo airport on course.

NOTE: **Rwy 5,** multiple trees beginning 330' from DER, 45' left of centerline, up to 100' AGL/919' MSL. Multiple trees beginning 355' from DER, 81' right of centerline, up to 100' AGL/879' MSL. Multiple towers beginning 2.1 NM from DER, 2384' left of centerline, up to 200' AGL/1559' MSL.

WASHINGTON, PA

WASHINGTON COUNTY (AFJ)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4 13010 (FAA)

TAKEOFF MINIMUMS: **Rwy 9,** 600-2½ or std. w/min. climb of 397' per NM to 1900. **Rwy 27**, 300-1¾ or std. w/ min. climb of 932' per NM to 1500.

NOTE: **Rwy 9,** trees beginning 2940' from DER, 79' right of centerline, up to 100' AGL/1558' MSL. Towers beginning 1.8 NM from DER, 2962' right of centerline, up to 221' AGL/1721' MSL. Top of REIL 10' from DER, 89' right of centerline, 1' AGL/1168' MSL. Trees beginning 5205' from DER, 78' left of centerline, up to 100' AGL/1428' MSL. **Rwy 27,** trees beginning 114' from DER, 4' right of centerline, up to 100' AGL/1416' MSL. Poles beginning 3068' from DER, 141' right of centerline, up to 100' AGL/1420' MSL. TL tower 7681' from DER, 1652' right of centerline, 92' AGL/1422' MSL. Ground beginning 451' from DER, 11' right of centerline, 1326' MSL. Ground beginning 1159' from DER, 19' left of centerline, 1340' MSL. Vehicle on road 1.3 NM from DER, crossing centerline, up to 15' AGL/1317' MSL. Vehicle on road beginning 1' from DER, 170' right of centerline, up to 15' AGL/1199' MSL. Buildings beginning 3163' from DER, 41' right of centerline, up to 40' AGL/1320' MSL. Light support structures beginning 3112' from DER, 129' right of centerline, up to 7'AGL/1307' MSL. Fences beginning 3243' from DER, 229' right of centerline, 7' AGL/1310' MSL. Trees beginning 8' from DER, 2' left of centerline, up to 100' AGL/1420' MSL. Poles beginning 3274' from DER, 363' left of centerline, up to 34' AGL/1414' MSL. Vehicle on road 1.3 NM from DER, crossing centerline, up to 15' AGL/1317' MSL. Buildings beginning 3092' from DER, 255' left of centerline, up to 23' AGL/1380' MSL. Light support structures 3474' from DER, 736' left of centerline, 17' AGL/1317' MSL. Fence beginning 3226' from DER, 220' left of centerline up to 25' AGL/1296' MSL.

WAYNESBURG, PA

GREENE COUNTY (WAY)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 08269 (FAA)

TAKEOFF MINIMUMS: **Rwy 9,** NA-obstacle. **Rwy 27,** 300 -1 or Std. w/ min. climb of 447' per NM to 1300.

DEPARTURE PROCEDURE: **Rwy 27,** climb heading 268° to 1800 before proceeding on course.

NOTE: **Rwy 27,** trees beginning 332' from DER, 315' left of centerline, up to 100' AGL/1119' MSL. Trees beginning 332' from DER, 360' right of centerline, up to 100' AGL/1239' MSL. Pole/sign 1672' from DER, 623' left of centerline, 80' AGL/1148' MSL.

WELLSBORO, PA

WELLSBORO JOHNSTON (N38)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3A 16147 (FAA)

TAKEOFF MINIMUMS: **Rwy 28,** std. w/min. climb of 265' per NM to 2500.

DEPARTURE PROCEDURE: **Rwy 10,** climbing right turn direct SFK VOR/DME, thence ….

Rwy 28, climb heading 279° to 2600, then climbing left turn direct SFK VOR/DME, thence …

...Climb in SFK VOR/DME holding pattern (SW, right turns, 036° inbound) to cross SFK VOR/DME at or above 4000 before proceeding on course.

NOTE: **Rwy 10,** building 32' from DER, 485' right of centerline, 22' AGL/1903' MSL. Pole 33' from DER, 353' right of centerline, 22' AGL/1904' MSL. Pole 149' from DER, 352' right of centerline, 25' AGL/1906' MSL. Building and vehicles on road beginning 178' from DER, 174' right of centerline, up to 32' AGL/1917' MSL. Buildings and vehicles on road beginning 307' from DER, 47' right of centerline, up to 16' AGL/1922' MSL. Vehicles on road 420' from DER, 590' right of centerline, 1927' MSL. Tree, vehicles on road, beginning 448' from DER, 185' right of centerline, up to 1972' MSL. Trees, poles, vehicles on road and terrain beginning 535' from DER, 191' right of centerline, up to 1979' MSL. Trees beginning 2959' from DER, 237' right of centerline, up to 1982' MSL. Tree 3708' from DER, 470' right of centerline, 1987' MSL. Tree 237' from DER, 381' left of centerline, 1902' MSL. Tree 329' from DER, 425' left of centerline, 1914' MSL. Trees beginning 440' from DER, 329' left of centerline, up to 1927' MSL. Trees beginning 832' from DER, 294' left of centerline, up to 1929' MSL. Trees beginning 1037' from DER, 362' left of centerline, up to 1930' MSL. Tree 1417' from DER, 555' left of centerline, 1931' MSL. Tree 1424' from DER, 420' left of centerline, 1933' MSL. **Rwy 28,** tree and terrain beginning 56' from DER, 342' left of centerline, up to 1962' MSL. Multiple trees beginning 289' from DER, 286' left of centerline, up to 1967' MSL. Tree 2.2 NM from DER, 1934' right of centerline, 100' AGL/2339' MSL.

WEST CHESTER, PA

BRANDYWINE (OQN)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 15232 (FAA)

NOTE: **Rwy 9,** vehicles on road 29' from DER, 282' left of centerline, 15' AGL/475' MSL. Trees beginning 156' from DER, left and right of centerline, up to 100' AGL/560' MSL. Trees beginning 1456' from DER, 569' left of centerline, up to 100' AGL/540' MSL. Trees beginning 2816' from DER, left and right of centerline, up to 100' AGL/560' MSL. **Rwy 27,** vehicles on road beginning 131' from DER, left and right of centerline, up to 17' AGL/487' MSL. Trees beginning 538' from DER, left and right of centerline, up to 100' AGL/580' MSL.

WHEELING, WV

WHEELING OHIO COUNTY (HLG)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3A 16091 (FAA)

NOTE: **Rwy 3,** tree 95' from DER, 315' right of centerline, 13' AGL/1213' MSL. Tree 351' from DER, 264' left of centerline, 48' AGL/1227' MSL. Obstruction light on antenna 96' from DER, 240' left of centerline, 9' AGL/1208' MSL. Obstruction light on transmission tower 5596' from DER, 1128' right of centerline, 100' AGL/1341' MSL. **Rwy 16,** pole 125' from DER, 241' left of centerline, 4' AGL/1203' MSL. Pole 264' from DER, 261' right of centerline, 6' AGL/1205' MSL. Post 267' from DER, 242' left of centerline, 19' AGL/1198' MSL. Tree 299' from DER, 273' left of centerline, 46' AGL/1225' MSL. **Rwy 21,** tree 9' from DER, 459' right of centerline , 39' AGL/1176' MSL. Tree 69' from DER, 455' right of centerline, 39' AGL/1179' MSL. Tree 69' from DER, 406' right of centerline, 40' AGL/1190' MSL. Multiple trees beginning 77' from DER, 367' right of centerline, up to 37' AGL/1194' MSL. **Rwy 34,** multiple trees beginning 460' from DER, 402' right of centerline, up to 46' AGL/1225' MSL. Obstruction light on antenna 436' from DER, 599' left of centerline, 45' AGL/1224' MSL.

WILKES-BARRE/SCRANTON, PA

WILKES-BARRE/SCRANTON INTL (AVP)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 13290 (FAA)

TAKEOFF MINIMUMS: **Rwy 10,** NA-obstacles. **Rwy 4,** 300-1¼ w/min. climb of 210' per NM to 2800 or std. w/ min. climb of 220' per NM to 1800 or 2000-3 for climb in visual conditions. **Rwy 22,** 500-3 w/min. climb of 240' per NM to 1800 or std. w/min. climb of 290' per NM to 1800 or 2000-3 for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 4,** climb heading 044° to 2800 before proceeding on course. For climb in visual conditions: cross Wilkes-Barre/Scranton Intl airport at or above 2800 MSL before proceeding on course. When executing VCOA, notify ATC prior to departure. **Rwy 22,** climb heading 224° to 1400, then climbing right turn on heading 250° and LVZ VORTAC R-287 to 3000 before proceeding on course. For climb in visual conditions: cross Wilkes-Barre/Scranton Intl airport at or above 2800 MSL before proceeding on course. When executing VCOA, notify ATC prior to departure. **Rwy 28,** climbing left turn on heading 250° and LVZ VORTAC R-287 to 3000 before proceeding on course.

NOTE: **Rwy 4,** trees 5847' from DER, 1632' left of centerline, up to 91' AGL/1070' MSL. **Rwy 22,** trees 1.4 NM from DER, 2576' left of centerline, up to 100' AGL/1279' MSL. Trees 2.4 NM from DER, 3790' left of centerline, up to 100' AGL/1419' MSL.

WILKES-BARRE/SCRANTON, PA (CON'T)

WILKES-BARRE WYOMING VALLEY (WBW)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 12208 (FAA)

TAKEOFF MINIMUMS: **Rwy 7,** std. w/min. climb of 280' per NM to 3300, or 2400-3 for climb in visual conditions. **Rwy 9,** std. w/min. climb of 307' per NM to 2600, or 2400-3 for climb in visual conditions. **Rwy 25,** std. w/min. climb of 320' per NM to 3100, or 2400-3 for climb in visual conditions. **Rwy 27,** 1000-3 w/min. climb of 415' per NM to 2200, or 2400-3 for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 7,** climb heading 066° to 3300 before proceeding on course or for climb in visual conditions cross Wilkes-Barre Wyoming Valley airport at or above 2800 before proceeding on course. **Rwy 9,** climb heading 089° to 2800 before proceeding on course or for climb in visual conditions cross Wilkes-Barre Wyoming Valley airport at or above 2800 before proceeding on course. **Rwy 25,** climb heading 246° to 3100 before proceeding on course or for climb in visual conditions cross Wilkes-Barre Wyoming Valley airport at or above 2800 before proceeding on course. **Rwy 27,** climb heading 269° to 2700 before proceeding on course or for climb in visual conditions cross Wilkes-Barre Wyoming Valley airport at or above 2800 before proceeding on course.

NOTE: **Rwy 7,** road beginning 182' from DER, 428' right of centerline, up to 15' AGL/579' MSL. Trees and poles beginning 409' from DER, 32' left of centerline, up to 99' AGL/659' MSL. Trees and poles beginning 639' from DER, 309' right of centerline, up to 100' AGL/699' MSL. Dike 751' from DER, right and left of centerline, 0' AGL/564' MSL. Building 3071' from DER, 873' left of centerline, up to 80' AGL/ 640' MSL. Mobile crane 4526' from DER, up to 120' AGL/660' MSL. High tension power pole 6003' from DER, 1843' right of centerline, up to 173' AGL/719' MSL. **Rwy 9,** trees beginning 39' from DER, 47' right of centerline, up to 111' AGL/651' MSL. Trees beginning 104' from DER, 344' left of centerline, up to 100' AGL/640' MSL. Buildings beginning 1.44 NM from DER, 2517' right of centerline, up to 58' AGL/918' MSL. **Rwy 25,** road beginning 17' from DER, 435' left of centerline, up to 15' AGL/577' MSL. Trees beginning 553' from DER, 103' left of centerline, up 134' AGL/634' MSL. Trees beginning 1668' from DER, 36' right of centerline, up to 107' AGL/647' MSL. Tower 1.23 NM from DER, 1297' right of centerline, 203' AGL/753' MSL. **Rwy 27,** trees 539' from DER, 380' left of centerline, up to 117' AGL/557' MSL. Trees beginning 1285' from DER, left and right of centerline, up to 107' AGL/647' MSL. Poles and trees beginning 1.18 NM from DER, 957' right of centerline, up to 52' AGL/1352' MSL.

WILLIAMSON, WV

APPALACHIAN RGNL (EBD)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 12208 (FAA)

TAKEOFF MINIMUMS: **Rwy 8,** 500-2¼.
Rwy 26, 300-2. NA at night.

DEPARTURE PROCEDURE: **Rwy 8,** climb heading 077° to 2700 before proceeding on course. **Rwy 26,** climb heading 257° to 2400 before proceeding on course.

NOTE: **Rwy 8,** trees and high terrain beginning at DER, 77' right of centerline, up to 100' AGL/1998' MSL. Trees beginning 347' from DER, 185' left of centerline, up to 100' AGL/1998' MSL. **Rwy 26,** trees beginning 11' from DER, 35' left of centerline, up to 100' AGL/1927' MSL. Trees beginning 864' from DER, 79' right of centerline, up to 100' AGL/1998' MSL.

WILLIAMSPORT, PA

WILLIAMSPORT RGNL (IPT)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 5 11237 (FAA)

TAKEOFF MINIMUMS: **Rwy 9,** std. w/min. climb of 332' per NM to 1600, or 300-2 w/min. climb of 287' per NM to 2000 or 2200-3 for climb in visual conditions. **Rwy 12,** std. w/min. climb of 475' per NM to 1000 or 2200-3 for climb in visual conditions. **Rwy 27,** std. w/min. climb of 467' per NM to 1000 or 2200 -3 for climb in visual conditions. **Rwy 30,** std. w/min. climb of 410' per NM to 1400, or 300-1¼ w/min. climb of 285' per NM to 1900 or 2200-3 for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 9,** climb heading 087° to 2300 before proceeding on course or for climb in visual conditions, cross Williamsport RGNL Airport at or above 2600 before proceeding on course. **Rwy 12,** climbing left turn heading 090° to 2400 before proceeding on course or for climb in visual conditions, cross Williamsport RGNL Airport at or above 2600 before proceeding on course. **Rwy 27,** climbing right turn heading 285° to 2700 before proceeding on course or for climb in visual conditions, cross Williamsport RGNL Airport at or above 2600 before proceeding on course. **Rwy 30,** climb heading 296° to 2500 before proceeding on course or for climb in visual conditions, cross Williamsport RGNL Airport at or above 2600 before proceeding on course.

NOTE: **Rwy 9,** trains on railroad tracks beginning 171' from DER, left and right of centerline, up to 23' AGL/554' MSL. Trees beginning 240' from DER, left and right of centerline, up to 100' AGL/680' MSL. Fence 252' from DER, 437' right of centerline, 11' AGL/532' MSL. Multiple poles and buildings beginning 285' from DER, left and right of centerline, up to 65' AGL/566' MSL. Antenna, hazard beacon and trees beginning 5251' from DER, 1071' right of centerline, up to 100' AGL/784' MSL. Rising terrain and trees beginning 1.1 NM from DER, 132' left of centerline, up to 100' AGL/1659' MSL. Tower 1.6 NM from DER, 1034' left of centerline, 96' AGL/736' MSL. **Rwy 12,** trees beginning 4' from DER, 305' right of centerline, up to 55' AGL/596' MSL. Lights, trees and poles beginning 276' from DER, 65' left of centerline, up to 62' AGL/603' MSL. Trees, hazard beacon and antenna beginning 5791' from DER, 985' left of centerline, up to 100' AGL/744' MSL. **Rwy 27,** rising terrain beginning 7' from DER, 83' left of centerline, up to 515' MSL. Trees beginning 701' from DER, left and right of centerline, up to 100' AGL/773' MSL. Localizer antenna 437' from DER, on centerline, 6' AGL/525' MSL. Light on building 531' from DER, 302' right of centerline, 18' AGL/537' MSL. **Rwy 30,** fence 100' from DER, 345' left of centerline, 10' AGL/531' MSL. Cars on roadway beginning 212' from DER, left and right of centerline, up to 15' AGL/539' MSL. Poles and signs beginning 328' from DER, 357' right of centerline, up to 69' AGL/589' MSL. Trees beginning 606' from DER, left and right of centerline, up to 100' AGL/777' MSL. Towers, trees and poles beginning 2562' from DER, left and right of centerline, up to 88' AGL/764' MSL.

YORK, PA

YORK (THV)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 11013 (FAA)

TAKEOFF MINIMUMS: **Rwy 17,** 300-1¼ or std. w/ min. climb of 473' per NM to 800. **Rwy 35,** 300-1 or std. w/ min. climb of 393' per NM to 800.

DEPARTURE PROCEDURE: **Rwy 17**, climb heading 166° to 1100 before turning right.

NOTE: **Rwy 17,** terrain, catenary ball, vehicles on road, fences, poles, buildings, and trees beginning 2' from DER, 9' left of centerline, up to 46' AGL/645' MSL. Terrain, vehicles on road, fences, poles, buildings, and trees beginning 38' from DER, 12' right of centerline, up to 41' AGL/645' MSL. Trees 2680' from DER, 467' left of centerline, up to 54' AGL/653' MSL. Trees 6013' from DER, 974' right of centerline, up to 84' AGL/713' MSL. Trees 1 NM from DER, 710' right of centerline, up to 71' AGL/670' MSL. **Rwy 35,** terrain, building, poles, and trees beginning 32' from DER, 5' left of centerline up to 104' AGL/623' MSL. Terrain, fence, building, and trees beginning 18' from DER, 8' right of centerline, up to 88' AGL/627' MSL. Trees 3325' from DER, 514' right of centerline, up to 80' AGL/639' MSL. Trees 3789' from DER, 1049' left of centerline, up to 101' AGL/660' MSL. Trees 4121' from DER, 763' left of centerline, up to 109' AGL/628' MSL.

ZELIENOPLE, PA

ZELIENOPLE MUNI (PJC)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 08269 (FAA)

TAKEOFF MINIMUMS: **Rwys 17,35,** 1100-2½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwys 17,35,** for climb in visual conditions: cross Zelienople Muni at or above 1900' before proceeding on course.

NOTE: **Rwy 17,** terrain and trees beginning 1.23 NM from DER, 1272' left of centerline, up to 100' AGL/1339' MSL. Vehicle on road beginning 18' from DER, 378' left of centerline, up to 15' AGL/946' MSL. Brush 278' from DER, 204' left of centerline, 21' AGL/921' MSL. Vehicle on road 451' from DER, 593' right of centerline, 15' AGL/946' MSL. Trees beginning 2442' from DER, 1110' right of centerline, up to 100' AGL/1299' MSL. Power lines beginning 3648' from DER, 644' right of centerline, up to 79' AGL/1046' MSL. Trees beginning 1.27 NM from DER, 477' right of centerline, up to 100' AGL/1359' MSL. **Rwy 35,** terrain and trees beginning 1.04 NM from DER, 1400 left of centerline, up to 100' AGL/1259' MSL. Trees 805' from DER, 287' right of centerline, 120' AGL/1014' MSL. Vehicle on road 161' from DER, 524' right of centerline, 15' AGL/946' MSL.