IFR TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

Civil Airports and Selected Military Airports

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

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

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

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

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

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NAME	TAKEOFF MINIMUMS

AKRON, NY

AKRON (9G3)
ORIG 81050 (FAA)
TAKEOFF MINIMUMS: **Rwys 7, 25**, 300-1.

ALBANY, NY

ALBANY INTL (ALB)
AMDT 12 11237 (FAA)
TAKEOFF MINIMUMS: **Rwy 10**, 300-1 or std. w/min. climb of 365' per NM to 600. **Rwy 28**, 300-1¾ or std. w/min. climb of 458' per NM to 700.
DEPARTURE PROCEDURE: **Rwy 10,** climb heading 110°to 2000 before turning north. **Rwy 19,** climb heading 191°to 1400 before proceeding on course. **Rwy 28,** climb heading 281°to 2000 before proceeding on course.

NAME	TAKEOFF MINIMUMS

ALBANY, NY (CON'T)

ALBANY INTL (ALB)
NOTE: **Rwy 1,** trees beginning 1163' from DER, on and right of centerline, up to 100' AGL/367' MSL. Trees beginning 2109' from DER, 222' left of centerline, up to 100' AGL/370' MSL. Chimney on building 1095' from DER, 574' right of centerline, 35' AGL/314' MSL. **Rwy 19,** trees beginning 2510' from DER, 984' right of centerline, up to 100' AGL/394' MSL. **Rwy 10,** trees beginning 117' from DER, 341' right of centerline, up to 100' AGL/510' MSL. Trees beginning 589' from DER, 81' left of centerline, up to 100' AGL/437' MSL. Road beginning 304' from DER, 499' left of centerline, up to 15' AGL/315' MSL. **Rwy 28,** trees beginning 555' from DER, 458' right of centerline, up to 100' AGL/534' MSL. Trees beginning 149' from DER, 313' left of centerline, up to 100' AGL/506' MSL. Light poles beginning 330' from DER, 476' left of centerline, up to 20' AGL/311' MSL. Light pole 892' from DER, 587' right of centerline, 20' AGL/312' MSL. Building 694' from DER, 669' left of centerline, 35' AGL/325' MSL. Building 1037' from DER, 543' right of centerline, 35' AGL/323' MSL. Building 280' from DER, 408' left of centerline, 32' AGL/292' MSL. Electrical equipment 23' from DER, 427' right of centerline, 4' AGL/280' MSL. Terrain 1029' from DER, 595' left of centerline, 319' MSL.

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ALBION, NY
PINE HILL (9G6)
TAKEOFF MINIMUMS: **Rwy 10**, 300-1.
DEPARTURE PROCEDURE: **Rwy 10**, climb runway heading to 1000 before proceeding on course.

ANDOVER, NJ
AEROFLEX-ANDOVER (12N)
AMDT 1 03135 (FAA)
TAKEOFF MINIMUMS: **Rwy 3,** 500-2 or std. with a min. climb of 310' per NM to 900. **Rwy 21,** 600-2 or std. with a min. climb of 256' per NM to 1000.
DEPARTURE PROCEDURE: **Rwy 3,** climb runway heading to 1200 before proceeding on course. **Rwy 21,** climb runway heading to 1400 before proceeding on course.
NOTE: **Rwy 3,** trees 4800' from DER, 1050' left of centerline, 100' AGL/803' MSL. **Rwy 21,** trees 715' from DER, 164' right of centerline, 84' AGL/667' MSL.

ATLANTIC CITY, NJ
ATLANTIC CITY INTL (ACY)
ORIG 07074 (FAA)
NOTE: **Rwy 4,** tree 2185' from DER, 491' left of centerline, 50' AGL/124' MSL. **Rwy 13,** tree 1654' from DER, 814' right of centerline, 64' AGL/110' MSL. **Rwy 22,** building 530' from DER, 555' right of centerline, 15' AGL/75' MSL.

BATAVIA, NY
GENESEE COUNTY AIRPORT (GVQ)
ORIG 07214 (FAA)
NOTE: **Rwy 28,** terrain 15' from DER, 72' left of centerline, 919' MSL. Terrain 19' from DER, 231' right of centerline, 916' MSL. Multiple trees beginning 608' from DER, 584' left of centerline, up to 100' AGL/1009' MSL. Tower 1789' from DER, 704' left of centerline, 100' AGL/1005' MSL.

BELMAR-FARMINGDALE, NJ
MONMOUTH EXECUTIVE (BLM)
AMDT 2 12152 (FAA)
DEPARTURE PROCEDURE: **Rwy 32,** climb heading 325° to 1000 before turning right.
NOTE: **Rwy 3,** trees beginning 29' from DER, 195' right of centerline, up to 60' AGL/209' MSL. Trees beginning 165' from DER, 99' left of centerline, up to 60' AGL/214' MSL. Vehicles on road, 309' from DER, left and right of centerline, up to 15' AGL/214' MSL. **Rwy 14,** pole, 29' from DER, 351' left of centerline, 34' AGL/156' MSL. Trees beginning 38' from DER, left and right of centerline, up to 56' AGL/202' MSL. **Rwy 21,** vehicles on roadway, 17' from DER, left and right of centerline, up to 15' AGL/169' MSL. Trees beginning 42' from DER, 260' right of centerline, up to 60'AGL/214' MSL. Trees beginning 99' from DER, left and right of centerline, up to 60' AGL/214' MSL. **Rwy 32,** vehicles on roadway, 24' from DER, 323' right of centerline, up to 15' AGL/121' MSL. Vehicles on roadway, 53' from DER, 367' right of centerline, up to 15' AGL/122' MSL. Vehicles on roadway, 81' from DER, 210' right of centerline, up to 15' AGL/123' MSL. Vehicles on roadway, 100' from DER, 109' right of centerline, up to 15' AGL/123' MSL. Trees beginning 230' from DER, 190' left of centerline, up to 62' AGL/164' MSL. Trees beginning 257' from DER, 203' right of centerline, up to 90' AGL/172' MSL. Trees beginning 1918' from DER, 51' right of centerline, up to 97' AGL/174' MSL.

BERLIN, NJ
CAMDEN COUNTY (19N)
AMDT 1 93173 (FAA)
TAKEOFF MINIMUMS: **Rwy 5,** 600-1½ or std. with a min. climb of 270' per NM to 600.
DEPARTURE PROCEDURE: **Rwys 5, 23,** climb to 600 before turning on course.

BINGHAMTON, NY
GREATER BINGHAMTON/EDWIN A. LINK FIELD (BGM)
ORIG 08157 (FAA)
NOTE: **Rwy 10,** trees beginning 143' from DER, 259' left of centerline, up to 29' AGL/1579' MSL. **Rwy 16,** trees beginning 162' from DER, 325' left of centerline, up to 100' AGL/1669' MSL. **Rwy 28,** trees beginning 157' from DER, 406' left of centerline, up to 52' AGL/1602' MSL. **Rwy 34,** antenna 216' from DER, 223' right of centerline, 93' AGL/1643' MSL.

BLAIRSTOWN, NJ
BLAIRSTOWN (1N7)
AMDT 2 11069 (FAA)
TAKEOFF MINIMUMS: **Rwy 7**, 500-3. **Rwy 25**, 600-3.
DEPARTURE PROCEDURE: **Rwy 7**, climb heading 074° to 1600 before proceeding on course. **Rwy 25,** climb heading 254° to 2100 before proceeding on course.
NOTE: **Rwy 7,** trees beginning at DER, 276' right of centerline, up to 100' AGL/599' MSL. Trees beginning at DER, 145' left of centerline, up to 100' AGL/599' MSL. **Rwy 25,** trees beginning at DER, 178' right of centerline, up to 100' AGL/559' MSL. Trees beginning at DER, 220' left of centerline, up to 100' AGL/759' MSL.

BROCKPORT, NY
LEDGEDALE AIRPARK (7G0)
ORIG 09015 (FAA)
NOTE: **Rwy 10,** trees beginning 882' from DER, 568' left of centerline up to 100' AGL/764' MSL. **Rwy 28,** tree beginning 1820' from DER, 769' right of centerline up to 100' AGL/764' MSL. Trees beginning 3049' from DER, 1253' left of centerline up to 100' AGL/759' MSL.

BUFFALO, NY

BUFFALO AIRFIELD (9G0)
AMDT 1 08325 (FAA)

NOTE: **Rwy 6,** trees beginning 2296' from DER, 68' left of centerline, up to 100' AGL/770' MSL. Tree 4038' from DER, 1425' right of centerline, 100' AGL/779' MSL. Trees beginning 3080' from DER, 219' right of centerline, up to 100' AGL/769' MSL. **Rwy 24,** trees beginning 91' from DER, 208' right of centerline, up to 100' AGL/780' MSL. Trees beginning 868' from DER, 112' left of centerline, up to 100' AGL/750' MSL.

BUFFALO NIAGARA INTL (BUF)
AMDT 6 12208 (FAA)

NOTE: **Rwy 5,** trees beginning 649' from DER, 347' left of centerline, up to 100' AGL/756' MSL. Trees beginning 1449' from DER, 685' right of centerline, up to 100' AGL/787' MSL. **Rwy 14,** trees, poles, signs, and fence 2' from DER, 395' right of centerline, up to 100' AGL/759' MSL. Trees, poles, and building beginning 329' from DER, 17' left of centerline, up to 100' AGL/790' MSL. **Rwy 23,** trees, poles, building, and signs beginning 393' from DER, 108' right of centerline, up to 100' AGL/741' MSL. Trees, poles, building, and signs beginning 14' from DER, 216' left of centerline, up to 100' AGL/732' MSL. **Rwy 32,** trees and poles beginning 632' from DER, 10' right of centerline, up to 100' AGL/753' MSL. Trees and vegetation beginning 16' from DER, 27' left of centerline, up to 100' AGL/756' MSL.

CALDWELL, NJ

ESSEX COUNTY (CDW)
AMDT 2 11125 (FAA)

TAKEOFF MINIMUMS: **Rwy 10**, NA - Obstacles. **Rwy 22,** 300-1 or std. w/min. climb of 613' per NM to 400.

DEPARTURE PROCEDURE: **Rwy 4,** climb heading 043°to 1000 before turning right. **Rwy 22,** climb heading 223°to 900 before turning left.

NOTE: **Rwy 4,** building, bushes and trees beginning 150' from DER, 157' left of centerline, up to 72' AGL/271' MSL. Trees and bushes beginning 170' from DER, 96' right of centerline, up to 54' AGL/253' MSL. **Rwy 22,** building and trees beginning 24' from DER, 9' left of centerline, up to 100' AGL/343' MSL. Trees, poles and building beginning 201' from DER, 113' right of centerline, up to 100' AGL/287' MSL. Localizer 364' from DER, on centerline, 183' MSL. **Rwy 28,** trees and light on building beginning 300' from DER, 14' right of centerline, up to 100' AGL/255' MSL. Trees, poles and buildings beginning 113' from DER, 15' left of centerline, up to 100' AGL/237' MSL.

CANANDAIGUA, NY

CANANDAIGUA (D38)
ORIG 97142 (FAA)

TAKEOFF MINIMUMS: **Rwy 13,** 300-1 or std. with a min. climb of 230' per NM to 1100.

CORTLAND, NY

CORTLAND COUNTY-CHASE FIELD (N03)
AMDT 3 12152 (FAA)

TAKEOFF MINIMUMS: **Rwy 6,** std. w/min. climb of 328' per NM to 2200, or 1500-3 for climb in visual conditions. **Rwy 24,** 500-2 or std. w/min. climb of 435' per NM to 1800.

DEPARTURE PROCEDURE: **Rwy 6,** climb heading 059°to 2200 before turning; or for climb in visual conditions: cross Cortland County-Chase Field Airport at or above 2500' MSL before proceeding on course. **Rwy 24,** climb heading 239°to 2200 before turning.

NOTE: **Rwy 6,** vehicles on roadway, 755' from DER, across centerline, 15' AGL/1234' MSL. Trees beginning 838' from DER, 415' right of centerline, up to 100' AGL/1299' MSL. Trees beginning 2114' from DER, 326' left of centerline, up to 100' AGL/1339' MSL. Tower 2.5 NM from DER, 595' right of centerline, 192' AGL/1624' MSL. **Rwy 24,** trees beginning 749' from DER, 94' right of centerline, up to 100' AGL1439' MSL. Vehicles on roadway, 1364' from DER, across centerline, 17' AGL/1236' MSL. Trees beginning 1.01 NM from DER, 1872' right of centerline, up to 100' AGL1559' MSL.

CROSS KEYS, NJ

CROSS KEYS (17N)
AMDT 1 09351 (FAA)

NOTE: **Rwy 9,** trees beginning 81' from DER, 76' right of centerline, up to 100' AGL/289' MSL. Trees beginning 1914' from DER, 834' left of centerline, up to 100' AGL/279' MSL. Pole 4369' from DER, 643' left of centerline, 147' AGL/303' MSL. **Rwy 27,** trees beginning 50' from DER, 20' right of centerline, up to 100' AGL/259' MSL. Tree 2099' from DER, 893' left of centerline, 100 AGL/249' MSL.

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DANSVILLE, NY

DANSVILLE MUNI (DSV)
AMDT 2 09071 (FAA)

TAKEOFF MINIMUMS: **Rwy 14,** std. w/ min. climb of 482' per NM to 3000, or 2000-3 for climb in visual conditions. **Rwy 18,** std. w/ min. climb of 430' per NM to 2700, or 600-2½ w/ min. climb of 358' per NM to 2700, or 2000-3 for climb in visual conditions. **Rwy 32,** std. w/ min. climb of 399' per NM to 2400, or 700-2½ w/ min. climb of 321' per NM to 2400, or 2000-3 for climb in visual conditions. **Rwy 36,** std. w/ min. climb of 446' per NM to 2600, or 400-1¼ w/ min. climb of 375' per NM to 2600, or 2000-3 for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 14,** climb heading 137° to 3000 or for climb in visual conditions cross Dansville Muni airport at or above 2500 MSL before proceeding on course. **Rwy 18,** climb heading 178° to 2700 or for climb in visual conditions cross Dansville Muni airport at or above 2500 MSL before proceeding on course. **Rwy 32,** climb heading 317° to 2400 or for climb in visual conditions cross Dansville Muni airport at or above 2500 MSL before proceeding on course. **Rwy 36,** climb heading 358° to 2600 or for climb in visual conditions cross Dansville Muni airport at or above 2500 MSL before proceeding on course.

NOTE: **Rwy 14,** vehicle on roadway, at DER, 377' left of centerline, 15' AGL/675' MSL. Trees beginning 7725' from DER, 635' left of centerline, up to 50' AGL/1409' MSL. Vehicle on roadway, 174' from DER, 536' right of centerline, 15' AGL/675' MSL. Trees beginning 1.8 NM from DER, 94' right of centerline, 50' AGL/1349' MSL. **Rwy 18,** trees beginning 1.8 NM from DER, 908' left of centerline, up to 50' AGL/969' MSL. Trees beginning 4209' from DER, 109' right of centerline, up to 50' AGL/1209' MSL. **Rwy 32,** vehicle on roadway, 41' from DER, 470' left of centerline, 15' AGL/651' MSL. Trees beginning 8840' from DER, 1396' left of centerline, up to 50' AGL/1249' MSL. **Rwy 36,** trees beginning 5437' from DER, 574' right of centerline, up to 50' AGL/1269' MSL.

DUNKIRK, NY

CHAUTAUQUA COUNTY/ DUNKIRK (DKK)

TAKEOFF MINIMUMS: **Rwy 15,** 400-2 or std. with a min. climb of 230' per NM to 1200.

DEPARTURE PROCEDURE: **Rwys 6, 15,** climb runway heading to 1200, then climbing left turn direct DKK VORTAC before proceeding on course. **Rwys 24, 33,** climb runway heading to 1200, then climbing right turn direct DKK VORTAC before proceeding on course. Southbound aircraft cross DKK VORTAC at or above 2300.

EAST HAMPTON, NY

EAST HAMPTON (HTO)
AMDT 2 99056 (FAA)

TAKEOFF MINIMUMS: **Rwy 34,** 300-1.

NOTE: **Rwy 4,** 40' AGL trees 200' from DER. **Rwy 22,** 42' AGL trees 120' from DER. **Rwy 16,** 48' AGL trees 130' right of DER.

ELLENVILLE, NY

JOSEPH Y RESNICK (N89)
AMDT 1 12320 (FAA)

TAKEOFF MINIMUMS: **Rwy 4,** 400-1½ w/min. climb of 402' per NM to 4300 or std. w/min. climb of 490' per NM to 4300 or 2700-3 for climb in visual conditions. **Rwy 22,** std. w/min. climb of 470' per NM to 2000 or 2700-3 for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 4,** climb on heading 047° to 4300' before proceeding on course or for climb in visual conditions, cross Joseph Y Resnick airport at or above 2800 before proceeding on course. When executing VCOA, notify ATC prior to departure. **Rwy 22**, climb on heading 235° to 2900' before proceeding on course or for climb in visual conditions, cross Joseph Y Resnick airport at or above 2800 before proceeding on course. When executing VCOA, notify ATC prior to departure.

NOTE: **Rwy 4,** trees 20' from DER, 11' right of centerline, up to 109' AGL/419' MSL. Trees 1187' from DER, 456' left of centerline, up to 109' AGL/ 399' MSL. Trees 2154' from DER, 416' right of centerline, 109' AGL/ 379' MSL. Trees 2962' from DER, 780' left of centerline, 109' AGL/399' MSL. Trees 4024' from DER, 1005' left of centerline, 109' AGL/ 419' MSL. **Rwy 22,** trees beginning at DER, 175' right of centerline, up to 109' AGL/419' MSL. Trees beginning at DER, 288' left of centerline, up to 109' AGL/419' MSL. Pole 2196' from DER, 169' left of centerline, 84' AGL/384' MSL.

ELMIRA, NY

ELMIRA/CORNING RGNL (ELM)
AMDT 9 12320 (FAA)

TAKEOFF MINIMUMS: **Rwys 5, 23,** NA-ATC. **Rwy 6**, 500-2¾ or std. with a min. climb of 338' per NM to 1600. **Rwy 10,** 500-2 with a min. climb of 269' per NM to 2200, or std. w/min. climb of 400' per NM to 1600 or 2000-3 for climb in visual conditions. **Rwy 24**, std. with a min. climb of 405' per NM to 2300, or 2000-3 for climb in visual conditions. **Rwy 28**, 800-3 w/min. climb of 373' per NM to 2400, or std. w/min. climb of 639' per NM to 2000 or 2000-3 for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 6**, climb heading 062°to 2100 before proceeding on course. **Rwy 10,** climb heading 101°to 2500 before proceeding on course. For climb in visual conditions: cross Elmira/ Corning RGNL Airport at or above 2800 MSL before proceeding on course. When executing VCOA notify ATC prior to departure. **Rwy 24**, climb heading 242°to 2600 before proceeding on course. For climb in visual conditions: cross Elmira/Corning RGNL Airport at or above 2800 MSL before proceeding on course. When executing VCOA notify ATC prior to departure. **Rwy 28**, climb heading 281°to 2400 before proceeding on course. For climb in visual conditions: cross Elmira/ Corning RGNL Airport at or above 2800 MSL before proceeding on course. When executing VCOA, notify ATC prior to departure.

NOTE: **Rwy 6,** trees beginning 581' from DER, 513' left of centerline, up to 34' AGL/1023' MSL. Trees beginning 3057' from DER, 192' right of centerline, up to 45' AGL/1044' MSL. Trees 1.5 NM from DER, 2967' left of centerline, up to 74' AGL/1363' MSL. Trees 2.1 NM from DER, 3856' left of centerline, up to 49' AGL/1428' MSL. Trees 2.2 NM from DER, 3892' left of centerline, up to 56' AGL/1335' MSL. **Rwy 10,** wall, building, poles, and trees beginning 25' from DER, 37' left of centerline, up to 52' AGL/1021' MSL. Poles and trees beginning 128' from DER, 110' right of centerline, up to 99' AGL/1096' MSL. Trees 1.3 NM from DER, 2592' right of centerline, up to 92' AGL/1351' MSL. Trees 1.3 NM from DER, 2662' right of centerline, up to 97' AGL/1357' MSL. Communications tower 1.7 NM from DER, 1756' right of centerline, 249' AGL/1236' MSL. **Rwy 24,** terrain, sign, and trees beginning 34' from DER, 13' left of centerline, up to 59' AGL/1005' MSL. Terrain beginning 11' from DER, 8' right of centerline, up to 944' MSL. **Rwy 28,** antenna and trees beginning 7' from DER, 186' left of centerline, up to 100' AGL/1039' MSL. Terrain, vehicles on road, tower, antenna, buildings, poles and trees beginning 27' from DER, 369' right of centerline, up to 90' AGL/1079' MSL. Trees 1.4 NM from DER, 2095' right of centerline, up to 75' AGL/1624' MSL. Trees 1.7 NM from DER, 2432' right of centerline, up to 59' AGL/1708' MSL. Trees 2.5 NM from DER, 4399' right of centerline, up to 53' AGL/1672' MSL.

ENDICOTT, NY

TRI-CITIES (CZG)
AMDT 4 10154 (FAA)

TAKEOFF MINIMUMS: **Rwy 3,** std. w/ min. climb of 515' per NM to 1700 or 700-2 with min. climb of 242 to 2000 or 1600-2 ½ for climb in visual conditions. **Rwy 21,** std. w/ min. climb of 604' per NM to 2100 or 900-3 with min. climb of 470 to 2200 or 1600-2½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 3,** climb heading 036° to 2000 before proceeding on course or for climb in visual conditions: cross Tri-Cities airport at or above 2300 before proceeding on course. **Rwy 21,** climb heading 216°to 2200 before proceeding on course or for climb in visual conditions: cross Tri-Cities airport at or above 2300 before proceeding on course.

NOTE: **Rwy 3,** tree 1' from DER, 418' left of centerline, 78' AGL/907' MSL. Multiple trees and train on tracks beginning 163' from DER, 56' left of centerline, up to 110' AGL/1469' MSL. Multiple trees and tower beginning 1699' from DER, 259' right of centerline, up to 106' AGL/915' MSL. **Rwy 21 ,** multiple trees, pole and tower beginning 51' from DER, 63' left of centerline, up to 84' AGL/1473' MSL. Multiple trees beginning 751' from DER, 73' right of centerline, up to 86' AGL/1175' MSL.

FARMINGDALE, NY

REPUBLIC (FRG)
AMDT 6A 13066 (FAA)

TAKEOFF MINIMUMS: **Rwy 1,** 200-1¼ or std. w/min. climb of 218' per NM to 300, 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 32,** 300 -1¾ or std. w/ min. climb of 213' per NM to 400, or alternatively, with standard TAKEOFF minimums and a normal 200'/NM climb gradient. TAKEOFF must occur no later than 1500' prior to DER.

DEPARTURE PROCEDURE: **Rwy 1,** climb heading 013° to 700 before turning left. **Rwy 32,** climb heading 326°to 700 before turning right.

NOTE: **Rwy 1,** fence. elevator, buildings, tanks and trees beginning 3' from DER, 194' left of centerline, up to 69' AGL/144' MSL. Stack, chimneys, antennas, hangars, buildings, poles and trees beginning 144' from DER, 246' right of centerline, up to 80' AGL/155' MSL. Tank 5912' from DER, 1427' left of centerline, 151' AGL/244' MSL. **Rwy 14,** road, pole, and trees beginning 182' from DER, 24' right of centerline, up to 70' AGL/120' MSL. Poles and trees beginning 534' from DER, 97' left of centerline, up to 74' AGL/124' MSL. **Rwy 19,** sign, hangar, poles, and trees beginning 78' from DER, 14' right of centerline, up to 65' AGL/115' MSL. Buildings, poles, and trees beginning 182' from DER, 71' left of centerline, up to 75' AGL/125' MSL. Tower 2454' from DER, 318' right of centerline, 84' AGL/142' MSL. **Rwy 32,** fence, poles, and trees beginning 146' from DER, 23' right of centerline, up to 69' AGL/139' MSL. Traffic signal, poles, antenna, and trees beginning 330' from DER, 124' left of centerline, up to 72' AGL/142' MSL. Tank 1.35 NM from DER, 1122' left of centerline, 107' AGL/297' MSL.

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FISHERS ISLAND, NY
ELIZABETH FIELD (0B8)
AMDT 2 98337 (FAA)
TAKEOFF MINIMUMS: **Rwy 7**, 300-1 or std. with a min. climb of 300' per NM to 300.
NOTE: **Rwy 7,** 15' AGL bunker 25' from DER, right of centerline.

FULTON, NY
OSWEGO COUNTY (FZY)
AMDT 1 01137 (FAA)
TAKEOFF MINIMUMS: **Rwy 6,** 300-1 or std. with a min. climb gradient of 270' per NM to 900.
NOTE: **Rwy 6,** hill 1400' from DER, on centerline 50' AGL/549' MSL. **Rwy 15,** trees 1700' from DER, on centerline 85' AGL/560' MSL. **Rwy 24,** trees 1350' from DER, on centerline 60' AGL/517' MSL. **Rwy 33,** road 400' from DER, on centerline 15' AGL/462 MSL.

GLENS FALLS, NY
FLOYD BENNETT MEMORIAL (GFL)
AMDT 1 10350 (FAA)
TAKEOFF MINIMUMS: **Rwy 1,** std. w/ min. climb of 385' per NM to 2500 or 2000-3 for climb in visual conditions. **Rwy 12,** std. w/ min. climb of 304' per NM to 1800 or 2000-3 for climb in visual conditions.
Rwy 30, std. w/ min. climb of 345' per NM to 2500 or 2000-3 for climb in visual conditions.
DEPARTURE PROCEDURE: **Rwy 1,** climbing right turn to 2500 direct GANSE (GF) LOM before proceeding on course. For climb in visual conditions: cross Floyd Bennett Memorial Airport at or above 2200 MSL before proceeding on course. **Rwy 12 ,** climbing right turn to 1800 direct GANSE (GF) LOM before proceeding on course. For climb in visual conditions: cross Floyd Bennett Memorial Airport at or above 2200 MSL before proceeding on course. **Rwy 19 ,** climb heading 192° to 1400 before proceeding on course. **Rwy 30 ,** climbing left turn to 2500 direct GANSE (GF) LOM before proceeding on course. For climb in visual conditions: cross Floyd Bennett Memorial Airport at or above 2200 MSL before proceeding on course.
NOTE: **Rwy 1,** trees beginning 1185' from DER, 65' left of centerline, up to 88' AGL/503' MSL. Trees beginning 1423' from DER, 24' right of centerline, up to 88' AGL/535' MSL. Multiple towers beginning 5140' from DER, 5' left of centerline, up to 69' AGL/498' MSL. **Rwy 12,** trees beginning 852' from DER, 115' left of centerline, up to 77' AGL/416' MSL. Vehicles on road and trees beginning 378' from DER, 3' right of centerline, up to 80' AGL/429' MSL. **Rwy 19,** trees beginning 703' from DER, 121' left of centerline, up to 65' AGL/454' MSL. Bush and trees beginning 73' from DER, 46' right of centerline, up to 77' AGL/456' MSL. **Rwy 30,** trees beginning 89' from DER, 20' left of centerline, up to 93' AGL/458' MSL. Trees beginning 1281' from DER, 32' right of centerline, up to 89' AGL/472' MSL.

HAMILTON, NY
HAMILTON MUNI (VGC)
AMDT 2 08353 (FAA)
TAKEOFF MINIMUMS: **Rwy 17,** 600-3 w/ min. climb of 288' per NM to 2100 or 1300-2½ for climb in visual conditions. **Rwy 35,** 400-1 w/ min. climb of 364' per NM to 2300 or 1300-2½ for climb in visual conditions.
DEPARTURE PROCEDURE: **Rwy 17,** climb heading 170°to 2100 or for climb in visual conditions, cross Hamilton Muni airport at or above 2300 before proceeding on course. **Rwy 35,** climb heading 350°to 2300 or for climb in visual conditions, cross Hamilton Muni airport at or above 2300 before proceeding on course.
NOTE: **Rwy 17,** multiple trees beginning 37' from DER, 163' right of centerline, up to 100' AGL/1219' MSL. Railroad 94' from DER, 217' left of centerline, 23' AGL/1162' MSL. Multiple trees beginning 815' from DER, 583' left of centerline, up to 100' AGL/1219' MSL. Multiple trees beginning 1861' from DER, 939' right of centerline, up to 100' AGL/1459' MSL. Multiple trees beginning 1.6 NM from DER, 3026' left of centerline, up to 100' AGL/1659' MSL. Multiple trees beginning 2.6 NM from DER, 1078' right of centerline, up to 100' AGL/1679' MSL. **Rwy 35,** railroad 27' from DER, 464' right of centerline, 23' AGL/1162' MSL. Multiple trees beginning 855' from DER, 604' right of centerline, up to 100' AGL/1279' MSL. Multiple trees beginning 2444' from DER, 356' left of centerline, up to 100' AGL/1219' MSL. Multiple trees beginning 4371' from DER, 1630' right of centerline, up to 100' AGL/1439' MSL.

HAMMONTON, NJ
HAMMONTON MUNI (N81)
ORIG 09015 (FAA)
DEPARTURE PROCEDURE: **Rwy 3,** climb heading 034°to 600 before turning left.
NOTE: **Rwy 21,** trees 1572' from DER, 526' left of centerline, 100' AGL/163' MSL. Trees 3201' from DER, 911' right of centerline, 100' AGL/166' MSL.

HORNELL, NY
HORNELL MUNI (HTF)
AMDT 5 12152 (FAA)
TAKEOFF MINIMUMS: **Rwy 18**, std. w/ min. climb of 420' per NM to 2200 or 1500-3 for climb in visual conditions. **Rwy 36,** NA-Obstacles.
DEPARTURE PROCEDURE: **Rwy 18,** climb heading 165°to 2900 before proceeding on course or for climb in visual conditions cross Hornell Muni airport at or above 2600 MSL before proceeding on course.
NOTE: **Rwy 18,** trees 1696' from DER, 143' left of centerline, up to 92' AGL/1252' MSL. Trees 5644' from DER, 1746' right of centerline, up to 100' AGL/1499' MSL.

HUDSON, NY
COLUMBIA COUNTY (1B1)
ORIG 08213 (FAA)
DEPARTURE PROCEDURE: **Rwy 3,** climb heading 025° to 1500 before turning. **Rwy 21,** climb heading 190º to 2100 before turning right.
NOTE: **Rwy 3,** vehicles beginning 393' from DER, 19' left of centerline, up to 17' AGL/226' MSL. Trees beginning 856' from DER, 587' right of centerline, up to 80' AGL/279' MSL. Trees beginning 3292' from DER, 574' left of centerline, up to 80' AGL/339' MSL. **Rwy 21,** fence 104' from DER, 372' left of centerline, up to 44' AGL/203' MSL. Trees beginning 400' from DER, 41' right of centerline, up to 80' AGL/280' MSL. Trees beginning 563' from DER, 61' left of centerline, 80' AGL/289' MSL.

ITHACA, NY
ITHACA TOMPKINS RGNL (ITH)
AMDT 5 10098(FAA)
TAKEOFF MINIMUMS: **Rwy 14,** Std. w/ min. climb of 350' per NM to 2400 or 1500-3 for climb in visual conditions. **Rwys 15, 33,** NA-Environmental.
DEPARTURE PROCEDURE: **Rwy 14,** Climb heading 145° to 2400 before turning left or for climb in visual conditions cross Ithaca Tompkins Rgnl airport at or above 2400 before proceeding on course. **Rwy 32,** Climb heading 325° to 1600 before proceeding on course.

JAMESTOWN, NY
CHAUTAUQUA COUNTY/JAMESTOWN (JHW)
NOTE: **Rwy 7,** multiple trees beginning 495' from DER, 525' left of centerline, up to 30' AGL/1749' MSL. **Rwy 13,** rising terrain beginning 200' from DER, left and right of centerline, up to 1740' MSL. Multiple trees beginning 228' from DER, 232' left of centerline, up to 47' AGL/1795' MSL. Vent on building 527' from DER, 628' right of centerline, 38' AGL/1768' MSL. Vehicles on road, 737' from DER, 329' right of centerline, 15' AGL/1756' MSL. Vent on building 1003' from DER, 426' right of centerline, 38' AGL/1768' MSL. Obstacle light on building 1232' from DER, 309' right of centerline, 38' AGL/1768' MSL. Multiple trees beginning 831' from DER, 77' right of centerline, up to 90' AGL/1799' MSL. **Rwy 25,** antenna on building 424' from DER, 262' left of centerline, 14' AGL/1733' MSL. Tree 731' from DER, 652' left of centerline, 72' AGL/1761' MSL. **Rwy 31,** vehicles on road 0' from DER, 403' right of centerline, 15' AGL/1734' MSL. Rising terrain beginning abeam DER, left and right of centerline, up to 1749' MSL. Multiple trees beginning 404' from DER, 127' right of centerline, up to 62' AGL/1801' MSL. Multiple trees beginning 577' from DER, 630' left of centerline, up to 44' AGL/1793' MSL. Tree 3695' from DER, 728' left of DER, 35' AGL/1834' MSL. Tree 6082' from DER, 846' left of centerline, 100' AGL/1879' MSL.

JOHNSTOWN, NY
FULTON COUNTY (NY0)
AMDT 2 10266 (FAA)
NOTE: **Rwy 10,** trees beginning 83' from DER, 62' left of centerline, up to 57' AGL/936' MSL. Trees beginning 206' from DER, 176' right of centerline, up to 43' AGL/922' MSL. **Rwy 28,** trees beginning 310' from DER, 48' left of centerline, up to 72' AGL/921' MSL. Trees beginning 23' from DER, 54' right of centerline, up to 73' AGL/892' MSL.

KINGSTON, NY
KINGSTON-ULSTER (20N)
AMDT 1 13122 (FAA)
TAKEOFF MINIMUMS: **Rwy 33,** 300-2 w/ min. climb of 255' per NM to 1200.
DEPARTURE PROCEDURE: **Rwy 15,** climb to 3000 on heading 153° and PWL VOR/DME R-316 to TRESA INT before proceeding on course. **Rwy 33,** climbing right turn to 3000 on heading 170° and PWL VOR/DME R-316 to TRESA INT before proceeding on course.
NOTE: **Rwy 15,** trees and poles abeam DER, 806' left of centerline, up to 99' AGL/221' MSL. Trees and poles beginning 27' from DER, 170' right of centerline, up to 40' AGL/162' MSL. Vehicles on road 235' from DER, 37' right of centerline, up to 17' AGL/141' MSL. Trees beginning 1322' from DER, 835' right of centerline, up to 89' AGL/203' MSL. Trees beginning 1325' from DER, 846' left of centerline, up to 99' AGL/215' MSL. **Rwy 33,** construction cone 6' from DER, 39' right of centerline, 10' AGL/149' MSL. Trees and poles beginning 19' from DER, 933' left of centerline, up to 99' AGL/349' MSL. Trees and poles beginning 60' from DER, 922' right of centerline, up to 69' AGL/215' MSL. Buildings beginning 60' from DER, from 577' left of centerline to 569' right of centerline, up to 29' AGL/271' MSL. Vehicles on road beginning 184' from DER, from 285' left of centerline to 496' right of centerline, up to 17' AGL/182' MSL. Trees beginning 2004' from DER, 1936' left of centerline, up to 94' AGL/362' MSL. Trees beginning 2004' from DER, 1908 right of centerline, up to 110' AGL/388' MSL.

LAKE PLACID, NY
LAKE PLACID (LKP)
ORIG 03191 (FAA)
TAKEOFF MINIMUMS: **Rwy 14,** NA-obstacles. **Rwy 32,** std. with a min. climb of 420' per NM to 4000.
DEPARTURE PROCEDURE: **Rwy 32,** climbing left turn to 5000 via heading 304° to intercept SLK R-180 to SLK VOR/DME before proceeding on course.

LAKEWOOD, NJ
LAKEWOOD (N12)
AMDT 1 99196 (FAA)
TAKEOFF MINIMUMS: **Rwy 6**, **24,** 400-2 or std. with a min. climb of 330' per NM to 600.

LE ROY, NY
LE ROY (5G0)
AMDT 1 12264 (FAA)
TAKEOFF MINIMUMS: **Rwy 28,** 300-1½ or std. w/min. climb of 267' per NM to 1000.
DEPARTURE PROCEDURE: **Rwy 28,** climb heading 284°to 1500 before turning left.
NOTE: **Rwy 10,** trees and poles beginning 51' from DER. 101' right of centerline, up to 73' AGL/852' MSL. Trees and poles beginning 26' from DER, 51' left of centerline, up to 64' AGL/843' MSL. Buildings beginning 325' from DER, 116' right of centerline, up to 53' AGL/819' MSL. Terrain beginning 96' from DER, 233' right of centerline, up to 787' MSL. **Rwy 28**, trees and poles beginning 2' from DER, 38' left of centerline, up to 112' AGL/977' MSL. Buildings, water tower and grain bins beginning 172' from DER, 38' left of centerline, up to 106' AGL/931' MSL. Trees beginning 49' from DER, 100' right of centerline, up to 873' MSL. Railroad 100' from DER. 261' right of centerline, 23' AGL/825' MSL.

LINCOLN PARK, NJ
LINCOLN PARK (N07)
ORIG-A 11069 (FAA)
TAKEOFF MINIMUMS: **Rwy 1**, 900-2. **Rwy 19**, 300-1.
DEPARTURE PROCEDURE: **Rwy 1**, climb visually over airport to 1000 before proceeding on course. **Rwy 19,** climb runway heading to 1000 before proceeding on course.
NOTE: **Rwy 19,** towers 4200' from DER, 96' right of centerline, 132' AGL/307' MSL.

LINDEN, NJ
LINDEN (LDJ)
AMDT 2A 11125 (FAA)
TAKEOFF MINIMUMS: **Rwy 9,** 300-1¾ or std. w/min. climb of 259' per NM to 400. **Rwy 27,** 300-1.
NOTE: **Rwy 9,** pole and building 667' from DER, 53' right of centerline, up to 60' AGL/77' MSL. Multiple stacks 1.3 NM from DER, 1135' right of centerline, up to 275' AGL/287' MSL. **Rwy 27,** stack 825' from DER, 655' right of centerline, 86' AGL/113' MSL. Multiple buildings 2197' from DER, left and right of centerline, up to 110' AGL/140' MSL.

LOCKPORT, NY
NORTH BUFFALO SUBURBAN (0G0)
ORIG 97142 (FAA)
TAKEOFF MINIMUMS: **Rwys 10, 28,** 300-1.
NOTE**: Rwy 10,** 46' AGL tree 353' from DER, 75' right of centerline. **Rwy 28,** 60' AGL tree 650' from DER, 350' right of centerline.

LUMBERTON, NJ
FLYING W (N14)
AMDT 1 12208 (FAA)
NOTE: **Rwy 1,** transmission line towers beginning 4216' from DER, 396' left of centerline, up to 132' AGL/179' MSL. Transmission line tower beginning 4239' from DER, 462' right of centerline, up to 147' AGL/191' MSL. Vehicle on road 88' from DER, 300' left of centerline, 15' AGL/77' MSL. **Rwy 19,** trees beginning 16' from DER, 1' left of centerline, up to 136' AGL/152' MSL. Trees beginning 16' from DER, 11' right of centerline, up to 105' AGL/131' MSL.

MALONE, NY
MALONE-DUFORT (MAL)
AMDT 2 12320 (FAA)
TAKEOFF MINIMUMS: **Rwy 14,** 300-1¾ or std. w/min. climb of 310' per NM to 1200. **Rwy 23**, 500-2¾ or std. w/ min. climb of 285' per NM to 1500.
DEPARTURE PROCEDURE: **Rwy 5,** climb heading 052° to 1500 before proceeding on course. **Rwy 14,** climbing left turn heading 050°to 2300 before proceeding on course. **Rwy 23,** climb heading 232°to 1500 before proceeding on course.
NOTE: **Rwy 5,** terrain and trees beginning 15' from DER, 316' left and right of centerline, up to 100' AGL/814' MSL. **Rwy 14,** sign, building and trees 171' from DER, 113' right of centerline, up to 100' AGL/809' MSL. Trees, 385' from DER, across centerline, up to 100' AGL/841' MSL. Buildings, poles and trees 868' from DER, 194' right of centerline, up to 100' AGL/887' MSL. Buildings, poles and trees 1180' from DER, 184' left of centerline, up to 100' AGL/896' MSL. Buildings, poles and trees 2304' from DER, 223' right of centerline, up to 100' AGL/947' MSL. Buildings, poles and trees 3797' from DER, left, right and on centerline, up to 100' AGL/1021' MSL. Water tank and trees 5951' from DER, 1145' right of centerline, up to 120' AGL/1036' MSL. **Rwy 23,** trees beginning 61' from DER, 326' right of centerline, up to 100' AGL/827' MSL. Bushes beginning 34' from DER, 271' left of centerline, up to 20' AGL/781' MSL. Buildings and trees beginning 719' from DER, across centerline, up to 100' AGL/901' MSL. **Rwy 32,** trees beginning 64' from DER, 50' right of centerline, up to 100' AGL/828' MSL.

MANVILLE, NJ
CENTRAL JERSEY RGNL (47N)
AMDT 3 07298 (FAA)
DEPARTURE PROCEDURE: **Rwy 7,** climb heading 069° to 800 before turning left.
NOTE: **Rwy 7,** multiple trees and a building beginning 29' from DER, 1266' left of centerline, up to 92' AGL/132' MSL. Multiple trees and poles beginning 238' from DER, 74' right of centerline, up to 94' AGL/154' MSL. **Rwy 25,** multiple trees beginning 183' from DER, 33' right of centerline, up to 93' AGL/173' MSL. Multiple trees beginning 212' from DER, 181' left of centerline, up to 83' AGL/163' MSL.

MASSENA, NY
MASSENA INTL-RICHARDS FIELD (MSS)
AMDT 8 09351 (FAA)
TAKEOFF MINIMUMS: **Rwy 23,** 300-2½ or std. with a min. climb of 240' per NM to 800.
NOTE: **Rwy 5,** antenna on building 291' from DER, 267' right of centerline, 9' AGL/238' MSL. Obstruction light on localizer 347' from DER, on centerline, 7' AGL/241' MSL. Trees beginning 551' from DER, 514' left of centerline, up to 75' AGL/324' MSL. Trees beginning 825' from DER, 516' right of centerline, up to 56' AGL/292' MSL. **Rwy 9,** bushes and trees beginning 371' from DER, 142' left of centerline, up to 64' AGL/303' MSL. Trees beginning 784' from DER, 51' right of centerline, up to 73' AGL/312' MSL. **Rwy 23,** trees, buildings, and poles beginning 1002' from DER, 249' left of centerline, up to 76' AGL/257' MSL. Trees beginning 2233' from DER, 878' right of centerline, up to 60' AGL/277' MSL. Light on tower 2.1 NM from DER, 2453' right of centerline, 388' AGL/596' MSL. **Rwy 27,** trees beginning 341' from DER, 341' left of centerline, up to 81' AGL/292' MSL. Trees beginning 499' from DER, 289' right of centerline, up to 100' AGL/329' MSL.

MC GUIRE FLD,(JOINT BASE MC GUIRE DIX LAKEHURST) (KWRI)

WRIGHTSTOWN, NJ. . . . . .ORIG, 12040

TAKEOFF OBSTACLES: **Rwy 6,** Trees 1432' to 1935' from DER, 426' to 1312' right of centerline, 94' AGL/192' MSL. Trees 2405' from DER, 448' right of centerline, 79' AGL/174' MSL. Trees 2663' from DER, 1186' left of centerline, 79' AGL/177' MSL. Trees 3285' from DER, 362' right of centerline, 97' AGL/185' MSL. Trees 3287' from DER, 341' left of centerline, 94' AGL/195' MSL. Trees 3653' from DER, 944' right of centerline, 103' AGL/194' MSL. **Rwy 24,** Trees 1973' from DER, 980' left of centerline, 85' AGL/199' MSL. **Rwy 36,** C-17 aircraft on Romeo Row 1999' from DER, 1124' right of centerline, 55' AGL/196' MSL.

MIDDLETOWN, NY

RANDALL (06N)

AMDT 3 12264 (FAA)

TAKEOFF MINIMUMS: **Rwy 26,** 300-2 or std. with a min. climb of 205' per NM to 900, or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1300' prior to DER.

DEPARTURE PROCEDURE: **Rwy 26,** climb heading 246°to 1400 before proceeding on course.

NOTE: **Rwy 8,** rising terrain beginning abeam DER, 143' left of centerline, up to 536' MSL. Trees beginning 46' from DER, 237' right of centerline, up to 98' AGL/578' MSL. Trees beginning 59' from DER, 412' left of centerline, up to 100' AGL/639' MSL. **Rwy 26,** trees abeam DER, 155' left of centerline, up to 87' AGL/576' MSL. Vehicles on roadway, 186' from DER, left and right of centerline, up to 15' AGL/522' MSL. Trees beginning 343' from DER, 569' right of centerline, 95' AGL/596' MSL. Pole, 506' from DER, 141' right of centerline, 41' AGL/543' MSL.

MILLBROOK, NY

SKY ACRES (44N)

AMDT 1 98337 (FAA)

TAKEOFF MINIMUMS: **Rwy 17,** 900-1 or std. with a min. climb of 390' per NM to 1700. **Rwy 35,** 300-1 or std. with a min. climb of 250' per NM to 1300.

DEPARTURE PROCEDURE: **Rwy 17**, climb runway heading to 1700, then climbing right turn to intercept IGN R-147, to IGN VOR/DME. Cross IGN VOR/DME at or above 3000. **Rwy 35**, climb runway heading to 1300, then climbing left turn to intercept IGN R-009 to IGN VOR/DME. Cross IGN VOR/DME at or above 3000.

MILLVILLE, NJ

MILLVILLE MUNI (MIV)

AMDT 2 06159 (FAA)

NOTE: **Rwy 10,** multiple trees beginning 14' from DER, 498' right of centerline, up to 49' AGL/134' MSL. **Rwy 14,** multiple trees beginning 20' from DER, 167' left and139' right of centerline, up to 72' AGL/154' MSL. **Rwy 28,** multiple trees beginning 28' from DER, 144' left and 167' right of centerline, up to 80' AGL/154' MSL. **Rwy 32,** multiple trees beginning 34' from DER, 341' left and 273' right of centerline, up to 71' AGL/152' MSL.

MONTAUK, NY

MONTAUK (MTP)

AMDT 3 12292 (FAA)

TAKEOFF MINIMUMS: **Rwy 6,** 300-1 or std. w/min. climb of 491' per NM to 300. **Rwy 24,** 300-1

DEPARTURE PROCEDURE: **Rwy 24,** climbing right turn to 3000 direct GON VOR/DME before proceeding on course.

NOTE: **Rwy 6,** ship 3600' from DER, on centerline, up to 225' AGL/225' MSL. Building 9' from DER, 188' left of centerline, 14' AGL/34' MSL. Trees beginning 10' from DER, 29' right of centerline, up to 40' AGL/47' MSL. Bushes beginning 514' from DER, 50' right of centerline, up to 21' AGL/41' MSL. Bushes beginning 33' from DER, 9' left of centerline, up to 5' AGL/19' MSL. **Rwy 24,** ship 990' from DER, on centerline, up to 225' AGL/225' MSL. Trees beginning 5' from DER, 152' left of centerline, up to 36' AGL/41' MSL. Poles beginning 155' from DER, 28' left of centerline, up to 34' AGL/41' MSL. Trees beginning 49' from DER, 25' right of centerline, up to 61' AGL/81' MSL. Poles beginning 49' from DER, 75' right of centerline, up to 22' AGL/42' MSL. Building 245' from DER, 316' left of centerline, 29' AGL/36' MSL. Buildings beginning 641' from DER, 189' right of centerline, up to 29' AGL/38' MSL.

MONTGOMERY, NY

ORANGE COUNTY(MGJ)

AMDT 2 00279 (FAA)

TAKEOFF MINIMUMS: **Rwy 3,** 500-2 or std. with a min. climb of 440' per NM to 900. **Rwy 8,** 300-1 or std. with a min. climb of 230' per NM to 600. **Rwy 21,** 500-1 or std. with a min. climb of 210' per NM to 800. **Rwy 26,** 400-1 or std. with a min. climb of 270' per NM to 900.

DEPARTURE PROCEDURE: **Rwy 3,** climb runway heading to 2100 before proceeding on course. **Rwys 8,21,26,** climb runway heading to 1000 before proceeding on course.

MONTICELLO, NY

SULLIVAN COUNTY INTL (MSV)

DEPARTURE PROCEDURE: **Rwy 33,** climb straight ahead to 2500 before departing on course.

MORRISTOWN, NJ

MORRISTOWN MUNI (MMU)

AMDT 6 11293 (FAA)

TAKEOFF MINIMUMS: **Rwy 13,** 300-1½ or std. w/min. climb of 227' per NM to 500, or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1900' prior to DER. **Rwy 23,** 400-2 or std. w/min. climb of 394' per NM to 700. **Rwy 31,** 500-1 with minimum climb of 342' per NM to 1600.

DEPARTURE PROCEDURE: **Rwy 5,** climb heading 049° to 700 before turning westbound. **Rwy 13,** climb heading 127°to 800 before turning northbound. **Rwy 23,** climb heading 229°to 900 before turning westbound.

NOTE: **Rwy 5,** trees beginning 16' from DER, 300' left/ right of centerline, up to 87' AGL/286' MSL. **Rwy 13,** trees, power lines, bushes beginning 50' from DER, 32' left/right of centerline, up to 84' AGL/283' MSL. Tank 1.2 NM from DER, 1830' right of centerline, 135' AGL/395' MSL. **Rwy 23,** trees and buildings beginning 80' from DER, 48' left/right of centerline, up to 91' AGL/290' MSL. **Rwy 31,** trees, power lines, bushes beginning 2' from DER, 6' left/right of centerline, up to 150' AGL/329' MSL.

MOUNT HOLLY, NJ

SOUTH JERSEY RGNL (VAY)
ORIG 09155 (FAA)

TAKEOFF MINIMUMS: **Rwy 26,** 300-2½ or std. w/ min. climb of 205' per NM to 500. Alternatively, with standard TAKEOFF minimums and a normal 200'/NM climb gradient, TAKEOFF must occur no later than 1300' prior to DER.

NOTE: **Rwy 8,** trees beginning 15' from DER, 32' right of centerline, up to 100' AGL/179' MSL. Trees beginning 631' from DER, 339' left of centerline, up to 100' AGL/159' MSL. **Rwy 26,** building 522' from DER, 604' right of centerline, 30' AGL/89' MSL. Building 540' from DER, 546' left of centerline, 30' AGL/89' MSL. Vehicle on road 650' from DER, on centerline, 17' AGL/67' MSL. Trees beginning 1599' from DER, 5' right of centerline, up to 100' AGL/179' MSL. Trees beginning 418' from DER, 408' left of centerline, up to 100' AGL/179' MSL. Tower 1.9 NM from DER, 1712' right of centerline, 179' AGL/348' MSL.

NEW YORK, NY

JOHN F. KENNEDY INTL (JFK)
AMDT 8 11293 (FAA)

TAKEOFF MINIMUMS: **Rwy 13R,** 300-1½or std. w/min. climb of 250' per NM to 300. **Rwy 31L,** std. w/min. climb of 250' per NM to 2400. **Rwy 31 R,** std. w/min. climb of 230' per NM to 2400.

NOTE: **Rwy 4L,** taxiing aircraft and fences beginning 249' from DER, 316' left of centerline, up to 79' AGL/93' MSL. Taxiing aircraft 706' from DER, 472' right of centerline, up to 79' AGL/93' MSL. **Rwy 4R,** trees beginning 1294' from DER, 687' left of centerline, up to 62' AGL/76' MSL. Trees beginning 523' from DER, 613' right of centerline, up to 19' AGL/33' MSL. **Rwy 13L,** electrical equipment and glideslope antenna beginning 105' from DER, 140' left of centerline, up to 26' AGL/40' MSL. **Rwy 13R,** glideslope antenna 420' from DER, 405' left of centerline, 36' AGL/45' MSL. Fence and transmission tower beginning 157' from DER, 5' right of centerline, up to 139' AGL/140' MSL. Tank 1.1 NM from DER, 2115' right of centerline, 215' AGL/227' MSL. **Rwy 31R,** fence, vehicles on road, poles, and trees beginning 282' from DER, 14' left of centerline, up to 55' AGL/67' MSL. Fence, approach lights, poles, and trees beginning 190' from DER, 8' right of centerline, up to 29' AGL/43' MSL.

LA GUARDIA (LGA)
AMDT 9A 12152 (FAA)

TAKEOFF MINIMUMS: **Rwy 13,** 400-2¼ or std. w/min. climb of 280' per NM to 500. **Rwy 22,** 300-2¼ or std. w/min. climb of 210' per NM to 400, or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1100' prior to DER. **Rwy 31,** 300-1¾ or std. w/min. climb of 330' per NM to 500.

DEPARTURE PROCEDURE: **Rwy 4,** climb heading 044°to 800 before proceeding on course. **Rwy 13,** climb heading 134°to 800 before proceeding westbound. **Rwy 22,** climb heading 224°to 2200 before proceeding westbound. **Rwy 31,** climb heading 314° to 1400 before proceeding westbound.

NOTE: **Rwy 13,** localizer 392' from DER, on centerline, 18' AGL/19' MSL. Stack, fences, and buildings beginning 97' from DER, 171' left of centerline, up to 83' AGL/103' MSL. Fences, buildings, and trees beginning 28' from DER, 415' right of centerline, up to 21' AGL/22' MSL. Stack 4934' from DER, 1513' left of centerline, 172' AGL/181' MSL. Building 1.9 NM from DER, 758' right of centerline, 280' AGL/345' MSL. **Rwy 22,** buildings and trees beginning 165' from DER, 150' left of centerline, up to 72' AGL/101' MSL. Blast fence, fence, stack on building, navaid and trees beginning 109' from DER, 138' right of centerline, up to 55' AGL/104' MSL. Tower 1.8 NM from DER, 566' right of centerline, 222' AGL/302' MSL. **Rwy 31,** stack 1.2 NM from DER, 2015' left of centerline, 250' AGL/268' MSL.

NEW YORK, NY (CON'T)

LONG ISLAND MAC ARTHUR (ISP)
AMDT 5 11181 (FAA)

NOTE: **Rwy 6,** trees beginning 611' from DER, 191' right of centerline, up to 76' AGL/186' MSL. Trees beginning 1391' from DER, 76' left of centerline, up to 79' AGL/189' MSL. Pole 2458' from DER, 1127' left of centerline, 65' AGL/175' MSL. **Rwy 10,** trees beginning 950' from DER, 259' right of centerline, up to 49' AGL/132' MSL. Trees beginning 276' from DER, 263' left of centerline, up to 54' AGL/139' MSL. Antenna on pole 1141' from DER, 455' left of centerline, 48' AGL/133' MSL. **Rwy 15L,** trees beginning 706' from DER, 271' right of centerline, up to 56' AGL/136' MSL. Trees beginning 1134' from DER, 214' left of centerline, up to 50' AGL/132' MSL. **Rwy 15R,** trees beginning 1267' from DER, 68' left of centerline, up to 56' AGL/136' MSL. **Rwy 24,** pole 788' from DER, 656' right of centerline, 40' AGL/120' MSL. **Rwy 28,** tree 643' from DER, 391' right of centerline, 36' AGL/126' MSL. Pole 918' from DER, 367' right of centerline, 30' AGL/118' MSL. Light pole 991' from DER, 244' right of centerline, 27' AGL/117' MSL. Rod 822' from DER, 442' left of centerline, 36' AGL/121' MSL. Trees beginning 1101' from DER, 280' left of centerline, up to 48' AGL/128' MSL. Pole 1254' from DER, 89' left of centerline, 29' AGL/124' MSL. **Rwy 33L,** trees beginning 37' from DER, 5' right of centerline, up to 80' AGL/185' MSL. Trees beginning 180' from DER, 27' left of centerline, up to 83' AGL/188' MSL. Poles beginning 699' from DER, 505' left of centerline, up to 40' AGL/140' MSL. Tower 1528' from DER, 387' left of centerline, 61' AGL/164' MSL. Post 459' from DER, 251' left of centerline, 11' AGL/111' MSL. **Rwy 33R,** trees beginning 1025' from DER, 273' right of centerline, up to 45' AGL/135' MSL. Tower 2996' from DER, 79' right of centerline, 108' AGL/210' MSL. Obstruction light on GS 325' from DER, 484' right of centerline, 28' AGL/118' MSL. Trees beginning 789' from DER, 266' left of centerline, up to 48' AGL/133' MSL. Obstruction light WSK 726' from DER, 583' left of centerline, 29' AGL/114' MSL.

06 MAR 2014 to 03 APR 2014
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NEWARK, NJ

NEWARK LIBERTY INTL (EWR)
AMDT 5 10042 (FAA)

TAKEOFF MINIMUMS: **Rwy 4L,** std. w/ min. climb of 383' per NM to 2500. **Rwy 4R,** std. w/ min. climb of 375' per NM to 2500. **Rwy 11,** std. w/ min. climb of 361' per NM to 2500. **Rwy 22L,** std. w/ min. climb of 337' per NM to 2500. **Rwy 22R,** std. w/ min. climb of 331' per NM to 2500. **Rwy 29,** 400-2 or std. w/ min. climb of 444' per NM to 500.

DEPARTURE PROCEDURE: **Rwy 4R,** climb heading 039°to 500 before turning right. **Rwy 22L,** climb heading 219°to 500 before turning left. **Rwy 29,** climb heading 288°to 800 before turning Eastbound.

NOTE: **Rwy 4L,** tower, light, and multiple trees beginning 211' from DER, 198' left of centerline, up to 70' AGL/89' MSL. DME antenna and pole beginning 881' from DER, 418' right of centerline, up to 121' AGL/131' MSL. **Rwy 4R,** DME antenna, tree, and multiple towers beginning 530' from DER, 477' left of centerline, up to 61' AGL/82' MSL. Tower, sign, tree, multiple buildings and poles beginning 1134' from DER, 153' right of centerline, up to 121' AGL/131' MSL. **Rwy 11,** pole, tree, and multiple signs beginning 6' from DER, 158' right of centerline, up to 31' AGL/50' MSL. Sign, tree, road, fence, building, and multiple poles beginning 82' from DER, 2' left of centerline, up to 49' AGL/68' MSL. **Rwy 22L,** pole 8' from DER, 261' left of centerline, 7' AGL/16' MSL. **Rwy 22R,** light and multiple trees beginning 1829' from DER, 307' right of centerline, up to 55' AGL/69' MSL. Building 1.4 NM from DER, 1872' left of centerline, 200' AGL/227' MSL. **Rwy 29,** multiple poles, trees, signs and buildings beginning 209' from DER, 242' left of centerline, up to 110' AGL/120' MSL. Tree multiple signs and poles beginning 689' from DER, 66' right of centerline, up to 273' AGL/358' MSL. Building 6029' from DER, 1624' right of centerline, 273' AGL/357' MSL. Building 1.5 NM from DER, 2071' right of centerline, 202' AGL/328' MSL.

06 MAR 2014 to 03 APR 2014

NEWBURGH, NY

STEWART INTL (SWF)
AMDT 6 13290 (FAA)

TAKEOFF MINIMUMS: **Rwy 16,** std. w/ min. climb of 255' per NM to 2100 or 1500-2½ for climb in visual conditions. **Rwy 27**, 300-1 or std. w/ min. climb of 400' per NM to 800. **Rwy 34,** 300-1 or std. w/ min. climb of 503' per NM to 800.

DEPARTURE PROCEDURE: **Rwy 9,** climb heading 087° to 2100 before proceeding on course. **Rwy 16,** climb heading 161°to 1800 before proceeding on course. For climb in visual conditions: cross Stewart Intl airport at or above 1800 MSL before proceeding on course. When executing VCOA, notify ATC prior to departure. **Rwy 27**, climb heading 272°to 1200 before turning south.

NOTE:. **Rwy 9,** trees beginning 68' from DER, 132' left of centerline, up to 43' AGL/487' MSL. Trees beginning 727' from DER, 23' left of centerline, up to 95' AGL/546' MSL. Trees beginning 955' from DER, 21' right of centerline, up to 86' AGL/535' MSL. Trees beginning 2692' from DER, 659' left of centerline, up to 78' AGL/587' MSL. **Rwy 16,** trees beginning 785' from DER, 462' left of centerline, up to 70' AGL/466' MSL. Trees beginning 1255' from DER, 562' right of centerline, up to 109' AGL/492' MSL. **Rwy 27,** airport sign 10' from DER, 54' left of centerline, 2' AGL/491' MSL. Building 694' from DER, 2' right of centerline, 16' AGL/509' MSL. Terrain, DME antenna, and trees beginning 599' from DER, 246' left of centerline, up to 38' AGL/537' MSL. Trees beginning 2259' from DER, 197' left of centerline, up to 101' AGL/640' MSL. Trees 3454' from DER, 1400' left of centerline, up to 118' AGL/667' MSL. Trees beginning 4122' from DER, 1441' right of centerline, up to 108' AGL/627' MSL. **Rwy 34,** terrain beginning 77' from DER, 250' right of centerline, up to 475' MSL. Poles and trees beginning 1094' from DER, 157' right of centerline, up to 72' AGL/571' MSL. Trees 1045' from DER, 597' left of centerline , up to 83' AGL/542' MSL. Trees beginning 1773' from DER, 49' left of centerline, up to 98' AGL/587' MSL. Trees beginning 2422' from DER, 70' right of centerline, up to 72' AGL/601' MSL. Trees 2473' from DER, 910' right of centerline, up to 70' AGL/629' MSL. Trees 3207' from DER, 1345' right of centerline, up to 78' AGL/657' MSL. Trees beginning 4426' from DER, 244' left of centerline, up to 72' AGL/611' MSL. Trees 5527' from DER, 83' right of centerline, up to 83' AGL/612' MSL.

06 MAR 2014 to 03 APR 2014

NIAGARA FALLS, NY

NIAGARA FALLS INTL (IAG)
AMDT 2A 07298 (FAA)

TAKEOFF MINIMUMS: **Rwys 10L,10R,24,** 300-1 or std. with a min. climb of 300' per NM to 1700.

DEPARTURE PROCEDURE: **Rwy 6,** climb heading 060° to 1200 before proceeding on course. **Rwys 10L,10R,24** climb runway heading to 1700 before proceeding on course. **Rwys 28L, 28R,** climb heading 280°to 1200 before proceeding on course.

NOTE: **Rwy 6,** tree 1737' from DER, 308' left of centerline, 60' AGL/647' MSL. **Rwy 28L,** trees beginning 1668' from DER, 244' right of centerline, up to 74' AGL/654' MSL. Trees beginning 1337' from DER, 62' left of centerline, up to 63' AGL/646' MSL. Bush 625' from DER, 172' right of centerline, 26' AGL/611' MSL. **Rwy 28R,** trees beginning 866' from DER, 105' right of centerline, up to 100' AGL/690' MSL. Trees beginning 837' from DER, 321' left of centerline, up to 87' AGL/667' MSL.

NORWICH, NY
LT. WARREN EATON (OIC)
AMDT 3 12208 (FAA)

TAKEOFF MINIMUMS: **Rwy 1**, std. w/min. climb of 555' per NM to 2000 or 800-2¼ w/min. climb of 325 to 2300 or 1600-3 for climb in visual conditions. **Rwy 19,** 700-2½ w/min. climb of 325' per NM to 2100 or 1600-3 for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 1,** climb heading 014°to 2500 before proceeding on course or for climb in visual conditions cross LT Warren Eaton airport at or above 2500 before proceeding on course. **Rwy 19,** climb heading 194°to 2500 before proceeding on course or for climb in visual conditions cross LT Warren Eaton airport at or above 2500 before proceeding on course.

NOTE: **Rwy 1,** vehicles on roadway abeam DER, 113' left of centerline, up to 15' AGL/1024' MSL. Trees beginning 364' from DER, 520' right of centerline, up to 100' AGL/1759' MSL. Trees beginning 1352' from DER, 312' left of centerline, up to 100' AGL/1139' MSL. **Rwy 19,** trees beginning 35' from DER. 5' left of centerline, up to 100' AGL/1119' MSL. Trees beginning 1057' from DER, 569' right of centerline, up to 100' AGL/1679' MSL.

OGDENSBURG, NY
OGDENSBURG INTL (OGS)
AMDT 1 09351 (FAA)

NOTE: **Rwy 9,** bushes beginning 72' from DER, 321' right of centerline, up to 18' AGL/317' MSL. Trees beginning 780' from DER, 254' right of centerline, up to 72' AGL/376' MSL. Trees beginning 1177' from DER, 59' left of centerline, up to 59' AGL/383' MSL. **Rwy 27,** sign 6' from DER, 394' left of centerline, 4' AGL/288' MSL. Terrain 55' from DER, 313' right of centerline, 288' MSL. Obstruction light pole 376' from DER, 370' left of centerline, 22' AGL/311' MSL. Hanger 504' from DER, 545' left of centerline, 28' AGL/317' MSL. Antenna on hanger 510' from DER, 489' left of centerline, 37' AGL/326' MSL. Obstruction light on airport beacon 584' from DER, 474' left of centerline, 40' AGL/329' MSL. Trees beginning 896' from DER, 251' left of centerline, up to 52' AGL/353' MSL. Trees beginning 997' from DER, 252' right of centerline, up to 52' AGL/371' MSL.

OLD BRIDGE, NJ
OLD BRIDGE (3N6)
AMDT 1 09239 (FAA)

TAKEOFF MINIMUMS: **Rwy 24,** 300-2½ or std. w/ min. climb of 223' per NM to 400.

NOTE: **Rwy 6,** trees beginning 49' from DER, 4' left and right of centerline, up to 100' AGL/199' MSL. **Rwy 24,** trees beginning 47' from DER, 46' left and right of centerline, up to 100' AGL/299' MSL.

OLEAN, NY
CATTARAUGUS COUNTY-OLEAN (OLE)
AMDT 3 14009 (FAA)

TAKEOFF MINIMUMS: **Rwy 16,** 200-1 or std. with min. climb of 328' per NM to 2400. **Rwy 34,** 200-1 or std. with min. climb of 366' per NM to 2400.

NOTE: **Rwy 4**, trees beginning 10' from DER, 74' left of centerline, up to 69' AGL/2186' MSL. Trees beginning 12' from DER, 34' right of centerline, up to 57' AGL/2140' MSL. **Rwy 16**, trees beginning 95' from DER, 374' left of centerline, up to 65' AGL/2264' MSL. Trees beginning 35' from DER, 387' right of centerline, up to 71' AGL/2270' MSL. **Rwy 22**, trees beginning 18' from DER, 26' left of centerline, up to 88' AGL/2185' MSL. Trees beginning 31' from DER, 51' right of centerline, up to 88' AGL/2167' MSL. **Rwy 34**, trees beginning 191' from DER, 122' right of centerline, up to 71' AGL/2221' MSL.

ONEONTA, NY
ONEONTA MUNI (N66)

TAKEOFF MINIMUMS: **Rwys 6,24**, 300-1.

PEDRICKTOWN, NJ
SPITFIRE AERODROME (7N7)
AMDT 1 11293 (FAA)

TAKEOFF MINIMUMS: **Rwy 25,** NA-obstacles.

DEPARTURE PROCEDURE: **Rwy 7,** climb heading 074°to 800 before turning right.

NOTE: **Rwy 7,** trees beginning at DER, 132' left of centerline, up to 100' AGL/144' MSL. Trees beginning 3288' from DER, 962' right of centerline, up to 100' AGL/149' MSL.

PENN YAN, NY
PENN YAN (PEO)
AMDT 4 12208 (FAA)

TAKEOFF MINIMUMS: **Rwy 19,** std. w/min. climb of 275' per NM to 1900 or 1100-2½ for climb in visual conditions. **Rwy 28,** std. w/min. climb of 360' per NM to 1800 or 1100-2½ for climb in visual conditions.

TAKEOFF MINIMUMS: **Rwy 1,** climb heading 008°to 1500 before turning left. **Rwy 19,** for climb in visual conditions cross Penn Yan airport at or above 1900 before proceeding on course. When executing VCOA, notify ATC prior to departure. **Rwy 28,** for climb in visual conditions cross Penn Yan airport at or above 1900 before proceeding on course. When executing VCOA, notify ATC prior to departure.

NOTE: **Rwy 1,** Trees 74' from DER, 246' right of centerline, up to 100' AGL/1019' MSL. Trees 571' from DER, 18' left of centerline, up to 100' AGL/999' MSL. Aircraft on taxiway 35' from DER, 300' left of centerline, up to 23' AGL/942' MSL. **Rwy 19,** Trees 1172' from DER, 347' right of centerline, up to 100' AGL/1102' MSL. Trees 2309' from DER, 476' left of centerline, up to 100' AGL/1120' MSL. Aircraft on taxiway 24' from DER, 261' right of centerline, up to 23' AGL/1022' MSL. **Rwy 10,** Trees 18' from DER, 245' right of centerline, up to 100' AGL/1039' MSL. Trees 43' from DER, 78' left of centerline, up to 100' AGL/999' MSL. Fence 28' from DER, on centerline, up to 8' AGL/907' MSL. Berm 25' from DER, on centerline, up to 10' AGL/909' MSL. Vehicle on road 33' from DER, 183' right of centerline, up to 15' AGL/914' MSL. Vehicle on road 156' from DER, 6' left of centerline, up to 15' AGL/914' MSL. **Rwy 28,** Trees 111' from DER, 15' right of centerline, up to 100' AGL/939' MSL. Trees 192' from DER, 59' left of centerline, up to 100' AGL/959' MSL. Fence 16' from DER, on centerline, up to 8' AGL/867' MSL. Vehicle on ramp 20' from DER, on centerline, up to 15' AGL/874' MSL. Hangar 76' from DER, 63' right of centerline, up to 30' AGL/869' MSL.

PISECO, NY

PISECO (K09)
ORIG 12208 (FAA)

TAKEOFF MINIMUMS: **Rwy 4,** std. w/min. climb of 539' per NM to 2800 or 600-3 w/min. climb of 316' per NM to 4500 or 2000-3 for climb in visual conditions. **Rwy 22,**1100-3 w/min. climb of 473' per NM to 3100 or 2000-3 for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 4,** climb heading 045° to 4500 before turning on course, or for climb in visual conditions cross Piseco airport at or above 3600 before proceeding on course. When executing VCOA, notify ATC prior to departure. **Rwy 22,** climb heading 225°to 3500 before turning on course, or for climb in visual conditions cross Piseco airport at or above 3600 before proceeding on course. When executing VCOA, notify ATC prior to departure.

NOTE: **Rwy 4,** trees 343' from DER, 192' right of centerline, up to 100' AGL/2244' MSL. Trees 1.8 NM from DER, 2104' left of centerline, up to 100' AGL/2500' MSL. **Rwy 22,** trees 4152' from DER, 1433' right of centerline, up to 100' AGL/2520' MSL.

PITTSTOWN, NJ

ALEXANDRIA (N85)
AMDT 1 92175 (FAA)

TAKEOFF MINIMUMS: **Rwy 8**, 400-1 or std. with 400' per NM to 900. **Rwy 13**, 300-1 or std. with 460' per NM to 700. **Rwy 31,** 600-1 or std. with 340' per NM to 1200.

SKY MANOR (N40)
AMDT 2 12152 (FAA)

NOTE: **Rwy 7,** vehicles on roadway beginning 38' from DER, 283' left of centerline, up to 15' AGL/ 574' MSL. Power lines beginning 2008' from DER, left and right of centerline, up to 122' AGL/652' MSL. Trees beginning 2550' from DER, 756' left of centerline, up to 100' AGL/657' MSL. Trees beginning 4763' from DER, 1716' right of centerline, up to 100' AGL/699' MSL. **Rwy 25,** vehicles on roadway beginning 51' from DER, 375' left of centerline, up to 15' AGL/574' MSL. Trees beginning 1965' from DER, 139' right of centerline, up to 100' AGL/679' MSL. Trees beginning 2261' from DER, 961' left of centerline, up to 100' AGL/659' MSL.

PLATTSBURGH, NY

PLATTSBURGH INTL (PBG)

DEPARTURE PROCEDURE: **Rwy 17,** climb heading 172° to 2500 before turning on course. **Rwy 35,** climb heading 352°to 2800 before turning on course.

NOTE: **Rwy 17,** tree 1844' from DER, 966' right of centerline, 87' AGL/237' MSL. Tree 2289' from DER, 937' left of centerline, 75' AGL/222' MSL. **Rwy 35,** numerous trees beginning 1602' from DER, 501' left of centerline, up to 63' AGL/293' MSL. Tree, 2270' from DER, 944' left of centerline, 104' AGL/334' MSL. Tree 2035' from DER, 1014' right of centerline, 107' AGL/307' MSL.

POTSDAM, NY

POTSDAM MUNI/DAMON FLD (PTD)
ORIG 09295 (FAA)

NOTE: **Rwy 6,** trees beginning 229' from DER, 122' right of centerline, up to 100' AGL/569' MSL. Trees beginning 926' from DER, 322' left of centerline, up to 100' AGL/579' MSL. **Rwy 24,** trees beginning 776' from DER, 370' right of centerline, up to 100' AGL/559' MSL. Building 549' from DER, 395' left of centerline, 40' AGL/509' MSL. Tree 846' from DER, 471' left of centerline, 100' AGL/559' MSL.

POUGHKEEPSIE, NY

DUTCHESS COUNTY (POU)
AMDT 2 13290 (FAA)

TAKEOFF MINIMUMS: **Rwys 7, 25,** NA-VFR only. **Rwy 6**, 500-3 w/min. climb of 250' per NM to 1000 or std. w/ min. climb of 537' per NM to 800 or 1700-2½ for climb in visual conditions. **Rwy 15,** 400-2½ or std. w/min. climb of 370' per NM to 700. **Rwy 33,** 300-1½ or std. w/min. climb of 270' per NM to 500.

DEPARTURE PROCEDURE: **Rwy 6,** climb heading 063°to 2000 before proceeding on course. For climb in visual conditions: cross Dutchess County airport at or above 1700 MSL before proceeding on course. When executing VCOA, notify ATC prior to departure. **Rwy 15,** climbing left turn direct IGN VOR/DME to 1400 before proceeding on course. **Rwy 24,** climb heading 243°to 1800 before proceeding on course. **Rwy 33,** climbing right turn direct IGN VOR/DME then on IGN R-070 to 2200 before proceeding on course.

NOTE: **Rwy 6,** terrain and fences beginning 92' from DER, 64' right of centerline, up to 9' AGL/166' MSL. Fences beginning 372' from DER, 78' left of centerline, up to 9' AGL/168' MSL. Poles, trees, tower, and antenna beginning 185' from DER, 384' right of centerline, up to 101' AGL/262' MSL. Trees beginning 949' from DER, 86' right of centerline, up to 70' AGL/229' MSL. Terrain and trees beginning 881' from DER, 395' left of centerline, up to 81' AGL/228' MSL. Pole and trees beginning 2419' from DER, 6' left of centerline, up to 97' AGL/306' MSL. Pole, building, and trees beginning 2795' from DER, 16' right of centerline, up to 97' AGL/306' MSL. Trees 2754' from DER, 1232' left of centerline, up to 77' AGL/346' MSL. Transmission tower 2.5 NM from DER, 602' left of centerline, 132' AGL/604' MSL. Trees 2.6 NM from DER, 1482' left of centerline, up to 78' AGL/557' MSL. **Rwy 15,** sign, buildings, poles, and trees beginning 47' from DER, 86' left of centerline, up to 25' AGL/187' MSL. Fence, pole, buildings, and trees beginning 301' from DER, 85' right of centerline, up to 55' AGL/214' MSL. Buildings and trees beginning 107' from DER, 369' right of centerline, up to 65' AGL/224' MSL. Antenna, poles, buildings, and trees beginning 594' from DER, 29' left of centerline, up to 76' AGL/275' MSL. Poles, buildings, and trees beginning 528' from DER, 19' right of centerline, up to 56' AGL/288' MSL. Poles and trees beginning 2687' from DER, 1' left of centerline, up to 56' AGL/315' MSL. Poles, buildings, and trees beginning 3493' from DER, 10' right of centerline, up to 86' AGL/315' MSL. Trees 3393' from DER, 1153' right of centerline, up to 83' AGL/322' MSL. Trees 1.6 NM from DER, 1787' left of centerline, up to 95' AGL/534' MSL. Trees 1.8 NM from DER, 3119' right of centerline, up to 46' AGL/455' MSL. **Rwy 24,** vehicles on road and trees beginning 7' from DER, 280' left of centerline, up to 54' AGL/154' MSL. Trees beginning 71' from DER, 180' right of centerline, up to 77' AGL/182' MSL. Trees beginning 706' from DER, 487' left of centerline, up to 78' AGL/227' MSL. Trees beginning 661' from DER, 318' right of centerline, up to 130' AGL/230' MSL. Trees beginning 2072' from DER, 48' left of centerline, up to 112' AGL/265' MSL. Trees beginning 1936' from DER, 42' right of centerline, up to 137' AGL/270' MSL. **Rwy 33,** sign 12' from DER, 85' right of centerline, 2' AGL/157' MSL. Pole, buildings, and trees beginning 100' from DER, 316' left of centerline, up to 80' AGL/229' MSL. Trees beginning 255' from DER, 241' right of centerline, up to 74' AGL/233' MSL. Trees beginning 606' from DER, 1' left of centerline, up to 102' AGL/221' MSL. Trees beginning 686' from centerline, 5' right of centerline, up to 111' AGL/230' MSL. Trees beginning 1598' from DER, 15' left of centerline, up to 98' AGL/307' MSL. Trees beginning 1632' from DER, 18' right of centerline, up to 114' AGL/295' MSL. Trees 4824' from DER, 1742' left of centerline, up to 81' AGL/320' MSL. Tank 1.1 NM from DER, 37' left of centerline, 105' AGL/360' MSL. Trees 1.2 NM from DER, 2094' right of centerline, up to 96' AGL/345' MSL.

06 MAR 2014 to 03 APR 2014

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PRINCETON (ROCKY HILL), NJ

PRINCETON (39N)
AMDT 2 06327 (FAA)

TAKEOFF MINIMUMS: **Rwy 10**, 300-2 or std. with a min. climb of 340' per NM to 600.

NOTE: **Rwy 10,** multiple terrain beginning 61' from DER, 7' left of centerline, 0' AGL/168' MSL. Tank 1462' from DER, 699' left of centerline, 130' AGL/270' MSL. Tower 1.5 NM from DER, 1013' left of centerline, 175' AGL/460' MSL. Road 400' from DER, on centerline, 17' AGL/184' MSL. **Rwy 28,** tree 565' from DER, 634' left of centerline, up to 100' AGL/219' MSL. Terrain 154' from DER, 253' left of centerline, 0' AGL/128' MSL. Terrain 390' from DER, 554' left of centerline, 0' AGL/132' MSL.

READINGTON, NJ

SOLBERG-HUNTERDON (N51)
AMDT 1 09211 (FAA)

TAKEOFF MINIMUMS: **Rwy 31,** std. w/ min. climb of 405' per NM to 1400 or 1300-2½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 31,** for climb in visual conditions; cross Solberg-Hunterdon airport at or above 1300 before proceeding on course.

NOTE: **Rwy 4,** tree 907' from DER, 712' left of centerline, 100' AGL/279' MSL. Trees beginning 431' from DER, 82' right of centerline, up to 100' AGL/279' MSL. **Rwy 13,** tree 47' from DER, 453' left of centerline, 100' AGL/279' MSL. Tree 88' from DER, 178' right of centerline, 100' AGL/279' MSL. **Rwy 22,** tree 185' from DER, 350' left of centerline, 100' AGL/299' MSL. Trees beginning 103' from DER, 95' right of centerline, up to 100' AGL/299' MSL. **Rwy 31,** trees beginning 372' from DER, 40' left of centerline, up to 100' AGL/378' MSL. Tree 257' from DER, 441' right of centerline, 100' AGL/299' MSL.

ROBBINSVILLE, NJ

TRENTON-ROBBINSVILLE (N87)
AMDT 1 92009 (FAA)

TAKEOFF MINIMUMS: **Rwy 29**, 300-1 or std. with a min. climb of 280' per NM to 400.

DEPARTURE PROCEDURE: **Rwy 29**, climb runway heading to 800 before turning right.

ROCHESTER, NY

GREATER ROCHESTER INTL (ROC)
AMDT 7 11349 (FAA)

TAKEOFF MINIMUMS: **Rwy 22,** 400-2¾ or std. w/ min. climb of 240' per NM to 1100. **Rwy 10,** std. w/ min. climb of 250' per NM to 900 or 1000-2½ for climb in visual conditions. **Rwy 7,** 300-1¾ or std. w/ min. climb of 206' per NM to 900, or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1300' prior to DER.

DEPARTURE PROCEDURE: **Rwy 4,** climb heading 042° to 1200 before turning left. **Rwy 10,** for climb in visual conditions: cross Greater Rochester Intl airport at or above 1400 before proceeding on course.

NOTE: **Rwy4,** tower 1806' from DER, 816' right of centerline, 60' AGL/611' MSL. Tree 2081' from DER, 531' left of centerline, 53' AGL/612' MSL. **Rwy22,** tree 1997' from DER, 832' right of centerline, 68' AGL/587' MSL. Tower 2.2 NM from DER, 3550' right of centerline, 412' AGL/934' MSL. Tree 3026' from DER, 935' left of centerline, 97' AGL/621' MSL. **Rwy28**, railroad beginning 326' from DER, 539' right of centerline, 23' AGL/577' MSL. Trees beginning 887' from DER, 112' right of centerline, up to 88' AGL/632' MSL. Towers and trees beginning 807' from DER, 148' left of centerline, up to 87' AGL/626' MSL. **Rwy10,** tree, poles and vehicles beginning 949' from DER, 112' right of centerline, up to 82' AGL/616' MSL. Vehicles, trees, dome beginning 139' from DER, 4' left of centerline, up to 213' AGL/756' MSL. **Rwy7,** dome 1.4 NM from DER, 1164' right of centerline, 213' AGL/756' MSL. Trees beginning 2732' from DER, 426' left of centerline, up to 78' AGL/622' MSL. **Rwy25,** tower and poles beginning 1523' from DER, 330' left of centerline, up to 82' AGL/617' MSL.

ROME, NY

GRIFFISS INTL (RME)
AMDT 1 10098 (FAA)

DEPARTURE PROCEDURE: **Rwy 15,** climb heading 147º to 1000 before turning left. **Rwy 33,** climb heading 327° to 1400 before turning right.

NOTE: **Rwy 15,** trees beginning 2306' from DER, 405' left of centerline, up to 92' AGL/590' MSL.

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SARANAC LAKE, NY
ADIRONDACK RGNL (SLK)
AMDT 7 12264 (FAA)

TAKEOFF MINIMUMS: **Rwy 5,** standard w/ min. climb of 265' per NM to 4300, or 2500-3 for climb in visual conditions. **Rwy 9,** 800-2¼. **Rwy 23,** standard w/ min. climb of 270' per NM to 3100, or 2500-3 for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 5,** climb heading 049°to 4300 before proceeding on course. Or for climb in visual conditions: cross Adirondack RGNL airport at or above 4000 before proceeding on course. When executing VCOA, notify ATC prior to departure. **Rwy 9,** climbing left turn heading 079°to intercept SLK VOR/DME R-081 eastbound to 3700, then climbing left turn direct SLK VOR/DME and hold (N, right turns, 159°degrees inbound). Continue climb in hold to depart SLK VOR/DME at or above MEA for route of flight. **Rwy 23,** climb heading 229°to intercept SLK VOR/DME R-232 westbound to 4600 before proceeding on course, or for climb in visual conditions: cross Adirondack RGNL airport at or above 4000 before proceeding on course. When executing VCOA, notify ATC prior to departure. **Rwy 27,** climb heading 273°to 3600 before proceeding on course.

NOTE: **Rwy 5,** vehicle on road 178' from DER, left of centerline, up to 15' AGL/1691' MSL. Trees beginning 1421' from DER, left and right of centerline, up to 100' AGL/1756' MSL. **Rwy 9,** terrain 61' from DER, 421' left of centerline, 1643' MSL. Trees and vegetation beginning 100' from DER, left and right of centerline, up to 116' AGL/1789' MSL. Tower 7982' from DER, 1868' right of centerline, 140' AGL/2225' MSL. Tree 11105' from DER, 2564' left of centerline, 100' AGL/1938' MSL. **Rwy 23,** trees beginning 93' from DER, left and right of centerline, up to 100' AGL/1745' MSL. **Rwy 27,** trees and vegetation beginning 109' from DER, left and right of centerline, up to 100' AGL/1756' MSL.

SARATOGA SPRINGS, NY
SARATOGA COUNTY (5B2)
AMDT 4 13122 (FAA)

TAKEOFF MINIMUMS: **Rwy 32**, std. w/ min. climb of 320' per NM to 2700 or 1500-2½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 5,** climb heading 053° to 1600 before proceeding on course. **Rwy 14,** climb heading 143°to 1100 before proceeding on course. **Rwy 23,** climb heading 233°to 1100 before proceeding on course. **Rwy 32,** for climb in visual conditions, cross Saratoga County Airport at or above 1800 before proceeding on course.

NOTE: **Rwy 5,** trees beginning 111' from DER, 521' left of centerline, up to 100' AGL/529' MSL. Trees beginning 138' from DER, 508' right of centerline, up to 100' AGL/539' MSL. Trees beginning 1112' from DER, 571' right of centerline, up to 86' AGL/506' MSL. Trees beginning 1232' from DER, 572' left of centerline, up to 60' AGL/489' MSL. **Rwy 14,** trees beginning 40' from DER, left and right of centerline, up to 100' AGL/529' MSL. Vehicles on road beginning 69' from DER, left and right of centerline, up to 15' AGL/442' MSL. Poles beginning 533' from DER, left and right of centerline, up to 41' AGL/461' MSL. Buildings beginning 624' from DER, left and right of centerline, up to 51' AGL/459' MSL. Flag pole, 774' from DER, 471' left of centerline, 51' AGL/477' MSL. Power transmission lines beginning 1178' from DER, left and right of centerline, up to 42' AGL/474' MSL. **Rwy 23,** trees beginning 197' from DER, 426' right of centerline, up to 100' AGL/530' MSL. Trees beginning 885' from DER, 692' left of centerline, up to 100' AGL/539' MSL. Trees beginning 1002' from DER, 528' left of centerline, up to 100' AGL/530' MSL. Trees beginning 1182' from DER, 576' right of centerline, up to 100' AGL/530' MSL. **Rwy 32,** bushes and trees beginning 7' from DER, left and right of centerline, up to 58' AGL/528' MSL. Building 1158' from DER, 127' left of centerline, up to 41' AGL/461' MSL. Trees beginning 3062' from DER, left and right of centerline, up to 100' AGL/516' MSL. Power transmission towers beginning 10146' from DER, 2895' right of centerline, up to 151' AGL/700' MSL.

SCHENECTADY, NY
SCHENECTADY COUNTY (SCH)
AMDT 4 97114 (FAA)

TAKEOFF MINIMUMS: **Rwy 4**, 300-1 or std. with a min. climb of 220' per NM to 600. **Rwy 28**, 1200-2 or std. with a min. climb of 240' per NM to 2000.

NOTE: **Rwy 4,** 459' trees 80' from DER, 470' left of centerline.

SENECA FALLS, NY
FINGER LAKES RGNL (0G7)
ORIG 09127 (FAA)

TAKEOFF MINIMUMS: **Rwy 1,** 300-2 or std. w/ min. climb of 275' per NM to 1000.

NOTE: **Rwy 1,** trees, vehicle on road and tower beginning 401' from DER, 407' right of centerline, up to 306' AGL/756' MSL. Trees and pole beginning 571' from DER, 332' left of centerline, up to 73' AGL/528' MSL. **Rwy 19,** trees and building beginning 238' from DER, 294' right of centerline, up to 68' AGL/557' MSL. Building, trees, poles, bushes and vehicle on road beginning 189' from DER, 270' left of centerline, up to 57' AGL/556' MSL.

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SHIRLEY, NY
BROOKHAVEN (HWV)
ORIG 07130 (FAA)
TAKEOFF MINIMUMS: **Rwys 6, 33,** NA-Noise abatement.
NOTE: **Rwy 15,** trees beginning 173' from DER, 376' right of centerline, up to 60' AGL/124' MSL. Trees beginning 40' from DER, 281' left of centerline, up to 60' AGL/124' MSL. **Rwy 24,** trees beginning 199' from DER, 497' left of centerline, up to 60' AGL/148' MSL. Trees beginning 604' from DER, 597' right of centerline, up to 60' AGL/133' MSL.

SIDNEY, NY
SIDNEY MUNI (N23)
AMDT 4 09071 (FAA)
TAKEOFF MINIMUMS: **Rwy 7**, std. with a min. climb of 328' per NM to 2500 or 1600-3 for climb in visual conditions. **Rwy 25,** 700-1.
DEPARTURE PROCEDURE: **Rwy 7**, climb heading 071°to 2500 before proceeding on course, for climb in visual conditions: Cross Sidney Muni airport at or above 2500 MSL before proceeding on course. **Rwy 25,** climb heading 251°to 2000 before proceeding on course.
NOTE: **Rwy 7,** trees and vehicle on road beginning 379' from DER, 22' left of centerline, up to 200' AGL/2039' MSL. Trees and terrain beginning 1844' from DER, 17' right of centerline, up to 100' AGL/1779' MSL. **Rwy 25,** trees beginning 867' from DER, 45' left of centerline, up to 100' AGL/1679' MSL. Trees and vehicle on road beginning 57' from DER, 82' right of centerline, up to 100' AGL/1539' MSL.

SKANEATELES, NY
SKANEATELES AERO DROME (6B9)
ORIG 81218 (FAA)
TAKEOFF MINIMUMS: **Rwys 10,28,** 300-1.

SOMERVILLE, NJ
SOMERSET (SMQ)
AMDT 3 08353 (FAA)
TAKEOFF MINIMUMS: **Rwys 8, 17, 26, 35,** NA-Environmental. **Rwy 12,** std. w/ min. climb of 400' per NM to 1000 or 700-3 w/ min. climb of 285' per NM to 1400, or 1100-2½ for climb in visual conditions. **Rwy 30,** std. w/ min. climb of 500' per NM to 600 or 300-2 or min. climb of 205' per NM to 1600, or 1100-2½ for climb in visual conditions.
DEPARTURE PROCEDURE: **Rwy 12,** climb heading 122°to 1000 before proceeding on course or for climb in visual conditions cross Somerset Airport at or above 1100 before proceeding on course. **Rwy 30,** climb heading 302°to 1300 before proceeding on course or for climb in visual conditions cross Somerset Airport at or above 1100 before proceeding on course.
NOTE: **Rwy 12,** trees beginning at DER, 345' left of centerline, up to 100' AGL/219' MSL. Trees beginning 600' from DER, left to right of centerline, up to 100' AGL/219' MSL. Trees beginning 3188' from DER, left to right of centerline, up to 100' AGL/279' MSL. **Rwy 30,** trees beginning at DER, 85' right of centerline, up to 100' AGL/199' MSL. Trees beginning at DER, 110' left of centerline, up to 99' AGL/199' MSL. Trees beginning 1451' from DER, left to right of centerline, up to 100' AGL/199' MSL. Trees beginning 2748' from DER, 1147' left of centerline, up to 100' AGL/259' MSL.

SOUTH BETHLEHEM, NY
SOUTH ALBANY (4B0)
ORIG 09099 (FAA)
TAKEOFF MINIMUMS: **Rwy 1,** 300-1¾ or std. w/ min. climb of 290' per NM to 600. **Rwy 19,** std. w/ min. climb of 415' per NM to 2000 or 1700-1½ for climb in visual conditions.
DEPARTURE PROCEDURE: **Rwy 1,** climb heading 008° to 2000 before proceeding on course. **Rwy 19,** climb via heading 188°to 2000 or for climb in visual conditions; cross South Albany airport at or above 1700 before proceeding on course. Do not exceed 180 knots until crossing South Albany airport on course.
NOTE: **Rwy 1,** vehicles on road beginning 315' from DER, left to right of centerline, up to 15' AGL/234' MSL. Vehicles on road 17' from DER, 467' left of centerline, 15' AGL/224' MSL. Trees 523' from DER, 425' right of centerline, up to 100' AGL/299' MSL. Stacks 1.3 NM from DER, 1522' right of centerline, 195' AGL/435' MSL. **Rwy 19,** trains beginning 23' from DER, left and right of centerline, 23' AGL/318' MSL.

STORMVILLE, NY
STORMVILLE (N69)
ORIG 86072 (FAA)
TAKEOFF MINIMUMS: **Rwy 6**, 1200-1. **Rwy 24**, 300-1.
DEPARTURE PROCEDURE: **Rwy 6**, climbing left turn direct IGN VOR/DME, cross IGN VOR/DME at or above 2000. **Rwy 24**, climbing right turn direct IGN VOR/DME, cross IGN VOR/DME at or above 2000.

SUSSEX, NJ
SUSSEX (FWN)
AMDT 2 82357 (FAA)
TAKEOFF MINIMUMS: **Rwy 3**, 700-1. **Rwy 21**, 500-1.
DEPARTURE PROCEDURE: **Rwy 3**, climb runway heading to 1200, then climbing right turn to 3000 direct SAX VORTAC, then climb on course. **Rwy 21,** climb runway heading to 1500, then climb on course.

SYRACUSE, NY
SYRACUSE HANCOCK INTL (SYR)
AMDT 7 98001 (FAA)
DEPARTURE PROCEDURE: **Rwy 10**, climb runway heading to 1500 before turning southbound. **Rwy 15**, climb runway heading to 2800 before turning southbound. **Rwy 28,** climb runway heading to 1100 before turning southbound. **Rwy 33,** climb runway heading to 1000 before turning southbound.

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TETERBORO, NJ
TETERBORO (TEB)
AMDT 7 11293 (FAA)

TAKEOFF MINIMUMS: **Rwy 1,** 400-2¼ or std. w/min. climb of 294' per NM to 500. **Rwy 6,**300-1½ or std. w/ min. climb of 263' per NM to 400. **Rwy 19,** 600-2¼ or std. w/min. climb of 352' per NM to 700. **Rwy 24,** 300-1¼ or std. w/min. climb of 442' per NM to 500.

DEPARTURE PROCEDURE: **Rwy 1,** climbing right turn heading 040° to 900 before proceeding on course. **Rwy 6,** climbing left turn heading 040° to 900 before proceeding on course. **Rwy 19,** climb heading 195° to 900 then climbing right turn on BWZ VORTAC R-104 to 2000 before proceeding on course. **Rwy 24,** climb heading 240° to 1500 before proceeding on course.

NOTE: **Rwy 1,** vent on hangar, buildings, and trees beginning 195' from DER, 548' left of centerline, up to 73' AGL/82' MSL. Poles and trees beginning 903' from DER, 136' right of centerline, up to 44' AGL/53' MSL. Building 5900' from DER, 1519' left of centerline, 160' AGL/224' MSL. Building 2.1 NM from DER, 787' right of centerline, 249' AGL/314' MSL. **Rwy 6,** sign, poles, buildings, and trees beginning 235' from DER, 10' left of centerline, up to 106' AGL/115' MSL. Building, poles, and trees beginning 335' from DER, 101' right of centerline, up to 92' AGL/101' MSL. Stack 1.2 NM from DER, 654' right of centerline, 230' AGL/240' MSL. **Rwy 19,** vent on building and trees beginning 215' from DER, 1' left of centerline, up to 77' AGL/86' MSL. Blast fence, poles, and trees beginning 185' from DER, 117' right of centerline, up to 83' AGL/92' MSL. Tower 1.9 NM from DER, 1646' right of centerline, 500' AGL/51 0' MSL. **Rwy 24,** sign and trees beginning 3347' from DER, 535' right of centerline, up to 125' AGL/134' MSL. Trees 5303' from DER, 1915' right of centerline, up to 100' AGL/309' MSL.

TICONDEROGA, NY
TICONDEROGA MUNI (4B6)
ORIG 98113 (FAA)

TAKEOFF MINIMUMS: **Rwy 20,** 800-2 or std. with a min. climb of 330' per NM to 1200.

DEPARTURE PROCEDURE: **Rwy 2,** climb runway heading to 3800 before proceeding on course. **Rwy 20,** climbing left turn to 2400 via heading 165° before proceeding on course.

TOMS RIVER, NJ
OCEAN COUNTY (MJX)
AMDT 1 13234 (FAA)

NOTE: **Rwy 6,** trees .beginning 67' from DER, 268' left of centerline, up to 44' AGL/109' MSL. Trees beginning 179' from DER, 515' right of centerline, up to 53' AGL/122' MSL. Trees beginning 699' from DER, 1' left of centerline, up to 62' AGL/121' MSL. Trees beginning 766' from DER, 65' left of centerline, up to 67' AGL/146' MSL. **Rwy 24,** terrain 52' from DER, 438' right of centerline, up to 77' MSL. Trees beginning 1078' from DER, 98' left of centerline, up to 24' AGL/108' MSL. Trees beginning 1333' from DER, 494' right of centerline, up to 37' AGL/120' MSL.

TRENTON, NJ
TRENTON MERCER (TTN)
AMDT 5 13122 (FAA)

NOTE: **Rwy 6,** trees beginning 546' from DER, 546' right of centerline, up to 100' AGL/224' MSL. Vehicles on road beginning 719' from DER, left and right of centerline, up to 15' AGL/ 214' MSL. Trees beginning 1068' from DER, 13' right of centerline, up to 100' AGL/275' MSL. Trees beginning 1093' from DER, 290' left of centerline, up to 100' AGL/319' MSL. Trees and poles beginning 1972' from DER, 3' left of centerline, up to 100' AGL/332' MSL. Trees and tower beginning 2115' from DER, 5' right of centerline, up to 100' AGL/ 273' MSL. **Rwy 16,** trees beginning 56' from DER, 375' left of centerline, up to 69' AGL/236' MSL. Railroad cars beginning 415' from DER, left and right of centerline, up to 26' AGL/186' MSL. Trees beginning 582' from DER, 71' right of centerline, up to 68' AGL/228' MSL. Trees beginning 1462' from DER, 127' left of centerline, up to 85' AGL/238' MSL. **Rwy 24,** pole, building and vehicle beginning 41' from DER, 22' left of centerline, up to 32' AGL/185' MSL. Trees beginning 1844' from DER, 279' left of centerline, up to 103' AGL/271' MSL. Trees beginning 3232' from DER, 836' right of centerline, up to 119' AGL/256' MSL. **Rwy 34**, trees beginning 155' from DER, 303' right of centerline, up to 78' AGL/250' MSL. Trees beginning 340' from DER, 333' left of centerline, up to 68' AGL/250' MSL. Trees beginning 1412' from DER, 706' right of centerline, up to 100' AGL/319' MSL.

VINCENTOWN, NJ
RED LION (N73)
AMDT 1 09071 (FAA)

NOTE: **Rwy 5,** trees 1095' from DER, 90' left of centerline, 100' AGL/149' MSL. Trees 1816' from DER, 864' right of centerline, 100' AGL/159' MSL. Trees 2242' from DER, 41' right of centerline, 100' AGL/159' MSL. **Rwy 23,** trees 24' from DER, 373' right of centerline, 100' AGL/150' MSL. Trees 178' from DER, 185' right of centerline, 100' AGL/159' MSL. Trees 85' from DER, 139' right of centerline, 100' AGL/150' MSL.

VINELAND, NJ
KROELINGER (29N)
AMDT 1 94062 (FAA)

TAKEOFF MINIMUMS: **Rwys 10, 28,** 300-1.

WATERTOWN, NY
WATERTOWN INTL (ART)
AMDT 1 11321 (FAA)

TAKEOFF MINIMUMS: **Rwy 7,** 300-1½ or std. w/min. climb of 231' per NM to 700, or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 2100' prior to DER. **Rwy 10,** 300-1¼ or std. w/min. climb of 306' per NM to 700.

DEPARTURE PROCEDURE: **Rwy 10,** climb heading 090° to 1000 before turning right.

NOTE: **Rwy 7,** road and trees beginning 540' from DER, 33' left of centerline, up to 100' AGL/559' MSL. Trees beginning 787' from DER, 97' right of centerline, up to 100' AGL/405' MSL. **Rwy 10,** trees beginning 536' from DER, 62' right of centerline, up to 100' AGL/532' MSL. Trees beginning 1827' from DER, 204' left of centerline, up to 100' AGL/382' MSL. Rising terrain beginning 5573' from DER, 1148' right of centerline, up to 569' MSL. **Rwy 28,** trees beginning 620' from DER, 2' right of centerline, up to 100' AGL/409' MSL. Trees beginning 784' from DER, 1' left of centerline, up to 100' AGL/391' MSL.

WEEDSPORT, NY
WHITFORDS (B16)
ORIG 96284 (FAA)
TAKEOFF MINIMUMS: **Rwys 1, 10, 19, 28,** 300-1.

WELLSVILLE, NY
WELLSVILLE MUNI AIRPORT,
TARANTINE FIELD (ELZ)
DEPARTURE PROCEDURE: **Rwys 10,28,** climb runway heading to 2500 before proceeding on course.

WEST MILFORD, NJ
GREENWOOD LAKE (4N1)
AMDT 2 12040 (FAA)
TAKEOFF MINIMUMS: **Rwy 6,** std. w/min. climb of 260' per NM to 1700; or, 1300 - 2½ for climb in visual conditions. **Rwy 24,** 500 - 2½ ;or, 1300 - 2½ for climb in visual conditions.
DEPARTURE PROCEDURE: **Rwy 6,** climb heading 061° to 1700 before proceeding on course, or for climb in visual conditions: cross Greenwood Lake Airport at or above 1900' MSL before proceeding on course. When executing VCOA, notify ATC prior to departure. **Rwy 24,** climb heading 241° to 1800 before proceeding on course, or for climb in visual conditions: cross Greenwood Lake Airport at or above 1900' MSL before proceeding on course. When executing VCOA, notify ATC prior to departure.
NOTE: **Rwy 6,** trees beginning 18' from DER, across centerline, up to 100' AGL/1284' MSL. **Rwy 24,** trees beginning 3' from DER, across centerline, up to 100' AGL/1191' MSL.

WESTHAMPTON BEACH, NY
FRANCIS S. GABRESKI (FOK)
AMDT 2 12152 (FAA)
TAKEOFF MINIMUMS: **Rwy 6**, 300-1¾ or std. w/ min. climb of 230' per NM to 400, or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 2000' prior to DER.
NOTE: **Rwy 1,** terrain and trees beginning 6' from DER, 129' left of centerline, up to 33' AGL/107' MSL. Trees beginning 1007' from DER, 677' right of centerline, up to 29' AGL/98' MSL. **Rwy 6,** trees 1285' from DER, 720' left of centerline, up to 36' AGL/105' MSL. Pole 2027' from DER, 987' right of centerline, 85' AGL/161' MSL. Transmission line tower 1.3 NM from DER, 2432' left of centerline, 71' AGL/301' MSL. **Rwy 15,** trees beginning 1053' from DER, 496' left of centerline, up to 50' AGL/79' MSL. Trees beginning 977' from DER, 204' right of centerline, up to 51' AGL/90' MSL. **Rwy 19,** poles, buildings, and trees beginning 270' from DER, 219' left of centerline, up to 57' AGL/88' MSL. Trees 6' from DER, 358' right of centerline, up to 17' AGL/66' MSL. **Rwy 24,** sign, building, and trees beginning 37' from DER, 251' left of centerline, up to 75' AGL/115' MSL. Bushes and trees beginning 6' from DER, 299' right of centerline, up to 12' AGL/61' MSL. **Rwy 33,** terrain beginning 53' from DER, 407' left of centerline, up to 67' MSL. Terrain, runway end identifier light, and trees beginning 52' from DER, 97' right of centerline, up to 29' AGL/103' MSL.

WHEELER-SACK AAF (KGTB)
FORT DRUM, NY . . . . . AMDT 5, 09239
Rwy 15, Standard with minimum climb of 250 ft/NM to 3100.
Rwy 21, Standard with minimum climb of 250 ft/NM to 3100.
DEPARTURE PROCEDURE: **Rwy 26,** Climb hdg 263° to 1400 before turning left.
TAKEOFF OBSTACLES: **Rwy 3:** Trees 100' AGL/759' MSL, 2467' from DER, 896' left of centerline. **Rwy 8:** Trees 62' AGL/747' MSL, 441' from DER, 524' right of centerline. Trees 62' AGL/747' MSL, 1887' from DER, 125' right of centerline. Fence line 11' AGL/696' MSL, 314' from DER, 367' right of centerline. **Rwy 15:** Trees 60' AGL/747' MSL, 1402' from DER, 535' left of centerline. **Rwy 26:** Trees 42' AGL/717' MSL, 1293' from DER, 614' right of centerline. Trees 13' AGL/688' MSL, 186' from DER, 463' right of centerline. **Rwy 33:** Trees 47' AGL/710' MSL, 1224' from DER, 609' right of centerline.

WHITE PLAINS, NY
WESTCHESTER COUNTY (HPN)
AMDT 7 13234 (FAA)
TAKEOFF MINIMUMS: **Rwy 29,** 300-1½ or std. w/ min. climb of 260' per NM to 800.
NOTE: **Rwy 11,** terrain beginning 19' from DER, crossing centerline, up to 407' MSL. Trees beginning 107' from DER, 379' right of centerline, up to 46' AGL/450' MSL. Trees beginning 147' from DER, 275' left of centerline, up to 44' AGL/474' MSL. Trees beginning 433' from DER, crossing centerline, up to 95' AGL/474' MSL. Terrain beginning 562' from DER, 499' left of centerline, up to 466' MSL. Poles and buildings beginning 623' from DER, 28' left of centerline, up to 73' AGL/525' MSL. Building 1067' from DER, 196' right of centerline, 55' AGL/420' MSL. **Rwy 16,** terrain 273' from DER, 515' left of centerline, up to 387' MSL. Trees beginning 1096' from DER, 416' right of centerline, up to 136' AGL/436' MSL. Poles, antennas, and trees beginning 1101' from DER, 187' left of centerline, up to 105' AGL/509' MSL. **Rwy 29,** tree 6' from DER, 191' right of centerline, 17' AGL/407' MSL. Terrain beginning 54' from DER, left and right of centerline, up to 420' MSL. Trees beginning 231' from DER, 14' right of centerline, up to 65' AGL/430' MSL. Poles beginning 123' from DER, 419' right of centerline, up to 41' AGL/417' MSL. Trees beginning 396' from DER, 67' left of centerline, up to 91' AGL/464' MSL. Trees beginning 594' from DER, crossing centerline, up to 100' AGL/482' MSL. Poles beginning 893' from DER, 395' left of centerline, up to 38' AGL/423' MSL. Trees beginning 1532' from DER, crossing centerline, up to 100' AGL/629' MSL. Water tank 1.1 NM from DER, 733' right of centerline, 87' AGL/600' MSL. **Rwy 34,** pole 167' from DER, 282' right of centerline, 26' AGL/456' MSL. Tree 612' from DER, 560' left of centerline, 72' AGL/491' MSL. Trees beginning 2007' from DER, 751' right of centerline, up to 100' AGL/504' MSL.

WILDWOOD, NJ

CAPE MAY COUNTY (WWD)
AMDT 3 06215 (FAA)

TAKEOFF MINIMUMS: **Rwy 10,** 300-2 or std. with a min. climb of 260' per NM to 500.

DEPARTURE PROCEDURE: **Rwy 19**,climb heading 190°to 700 before turning left.

NOTE: **Rwy 1,** multiple trees beginning 212' from DER, 187' left of centerline, up to 72' AGL/86' MSL. Multiple trees beginning 169' from DER, 314' right of centerline, up to 42' AGL/59' MSL. Road 197' from DER 240' right of centerline, 15' AGL/30' MSL. Road 265' from DER, on runway centerline, 15' AGL/29' MSL. **Rwy 10,** multiple trees beginning 42' from DER, 262' left of centerline, up to 60' AGL/77' MSL. Multiple trees beginning 1004' from DER, 441' left of centerline, up to 77' AGL/94' MSL. Tower 1.52 NM from DER, 643' left of centerline, 309' AGL/84' MSL. **Rwy 19,** multiple trees beginning 669' from DER, 397' left of centerline, up to 73' AGL/90' MSL. Multiple trees beginning 1010' from DER, 46' right of centerline, up to 62' AGL/90' MSL. Fence 80' from DER, 507' right of centerline, 18' AGL/30' MSL. **Rwy 28,** multiple trees beginning 74' from DER, 460' left of centerline, up to 70' AGL/84' MSL. Multiple trees beginning 1235' from DER, 496' right of centerline, up to 74' AGL/88' MSL.

WILLIAMSON/SODUS, NY

WILLIAMSON-SODUS (SDC)
AMDT 1 08213 (FAA)

TAKEOFF MINIMUMS: **Rwy 10,** 300-2 or std. w/ min. climb of 427' per NM to 700.

NOTE: **Rwy 10,** trees beginning 26' from DER, 296' right of centerline, up to 76' AGL/625' MSL. Trees beginning 257' from DER, 310' left of centerline, up to 56' AGL/655' MSL. Vehicles on roadway, 339' from DER, 377' right of centerline, 15' AGL/451' MSL. Pole 360' from DER, 122' left of centerline, 29' AGL/448' MSL. Pole 362' from DER, 85' right of centerline, 31' AGL/450' MSL. Silo 409' from DER, 466' left of centerline, 40' AGL/459' MSL. Antenna 1.5 NM from DER, 662' left of centerline, 100' AGL/659' MSL. Antenna 1.6 NM from DER, 400' left of centerline, 106' AGL/715' MSL. **Rwy 28,** trees beginning abeam DER, 188' left of centerline, up to 110' AGL/549' MSL. Trees beginning 72' from DER, 266' right of centerline, up to 93' AGL/522' MSL. Building 204' from DER, 271' right of centerline, 12' AGL/441' MSL. Fence 312' from DER, 59' left of centerline, 6' AGL/435' MSL. Pole 338' from DER, 271' left of centerline, 32' AGL/461' MSL. Vehicles on roadway 357' from DER, 382' left of centerline, 15' AGL/460' MSL. Building 497' from DER, 339' left of centerline, 21' AGL/450' MSL.

WOODBINE, NJ

WOODBINE MUNI (OBI)
AMDT 2 09239 (FAA)

NOTE: **Rwy 1,** trees beginning 182' from DER, 284' left of centerline up to 100' AGL/134' MSL. Trees beginning 38' from DER, 290' right of centerline up to 100' AGL/144' MSL. Train 387' from DER, 596' left of centerline up to 23 ' AGL/57' MSL. **Rwy 13,** trees beginning 4' from DER, 277' left of centerline up to 100' AGL/134' MSL. Trees beginning 2395' from DER, 865' right of centerline up to 100' AGL/134' MSL. **Rwy 19,** trees beginning 4' from DER, 284' left of centerline up to 100' AGL/129' MSL. Trees beginning 178' from DER, 212' right of centerline up to 100' AGL/124' MSL. **Rwy 31,** trees beginning 261' from DER, 529' right of centerline up to 100' AGL/144' MSL. Trees beginning 107' from DER, 288' left of centerline up to 100' AGL/144' MSL. Railroad 900' from DER left to right 23' AGL/63' MSL.

WURTSBORO, NY

WURTSBORO-SULLIVAN COUNTY (N82)
AMDT 1 03135 (FAA)

TAKEOFF MINIMUMS: **Rwys 5,9,14,18,27,32,36,** NA-obstacles. **Rwy 23,** std. with a min. climb of 388' per NM to 2100.

DEPARTURE PROCEDURE: **Rwy 23,** climb via heading 228°to 2100 before proceeding on course.

NOTE: **Rwy 23,** numerous trees 6594' from DER, 2150' right of centerline, 100' AGL/793' MSL to 100' AGL/957' MSL.