## TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

### CIVIL AIRPORTS AND SELECTED MILITARY AIRPORTS

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

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

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

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

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

### CIVIL USERS NOTE

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

### MILITARY USERS NOTE

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

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<td>Rwy 7 (CON’T), trees beginning 2737’ from DER, 132’ right of centerline, up to 931’ MSL. Trees beginning 2871’ from DER, 131’ right of centerline, up to 938’ MSL. Trees beginning 3437’ from DER, 205’ right of centerline, up to 94’ AGL/940’ MSL. Rwy 25, sign 7’ from DER, 268’ right of centerline, 834’ MSL. Fence 13’ from DER, 319’ right of centerline, 7’ AGL/837’ MSL. Trees, vegetation beginning 146’ from DER, 356’ right of centerline, up to 41’ AGL/858’ MSL. Trees beginning 231’ from DER, 323’ right of centerline, up to 860’ MSL. Trees beginning 250’ from DER, 245’ left of centerline, up to 63’ AGL/876’ MSL. Trees beginning 386’ from DER, 4’ left of centerline, up to 72’ AGL/883’ MSL. Tree 398’ from DER, 215’ right of centerline, 57’ AGL/881’ MSL. Trees beginning 410’ from DER, 13’ right of centerline, up to 63’ AGL/884’ MSL.</td>
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TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

ALBANY, NY
ALBANY INTL (ALB)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 13 15344 (A)
TAKEOFF MINIMUMS: Rwy 10, 300-1/2 or std. w/min. climb of 365’ per NM to 600. Rwy 28, 300-1/2 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 1100 before turning west. Rwy 28, climb heading 281° to 2000 before proceeding on course.
TAKEOFF OBSTACLE NOTES: Rwy 1, trees beginning 1168’ from DER, 640’ right of centerline, up to 113’ AGL/363’ MSL. Trees beginning 2109’ from DER, 581’ left of centerline, up to 102’ AGL/362’ MSL. Rwy 10, tree 117’ from DER, 420’ right of centerline, 29’ AGL/300’ MSL. Vehicles on road 304’ from DER, 499’ left and right of centerline, up to 15’ AGL/290’ MSL. Trees beginning 429’ from DER, 341’ right of centerline, up to 97’ AGL/366’ MSL. Tree 460’ from DER, 616’ left of centerline, 92’ AGL/352’ MSL. Vehicles on road 1461’ from DER, 689’ left of centerline, up to 15’ AGL/315’ MSL. Trees beginning 1534’ from DER, 463’ left of centerline, up to 105’ AGL/403’ MSL. Trees beginning 2595’ from DER, 81’ left of centerline, up to 87’ AGL/401’ MSL. Trees beginning 2738’ from DER, 961’ right of centerline, up to 99’ AGL/398’ MSL. Trees beginning 4602’ from DER, 1167’ right of centerline, up to 93’ AGL/490’ MSL. Trees beginning 4713’ from DER, left and right of centerline, up to 75’ AGL/437’ MSL. Tree 5136’ from DER, 576’ right of centerline, 95’ AGL/510’ MSL. Tree 1.1 NM from DER, 1578’ right of centerline, 87’ AGL/453’ MSL. Rwy 19, trees beginning 2510’ from DER, 984’ right of centerline, up to 105’ AGL/394’ MSL. Rwy 28, tree 149’ from DER, 355’ left of centerline, 34’ AGL/293’ MSL. Trees beginning 555’ from DER, 459’ right of centerline, up to 36’ AGL/311’ MSL. Terrain 1029’ from DER, 595’ left of centerline, 319’ MSL. Trees beginning 1275’ from DER, 292’ left of centerline, up to 100’ AGL/793’ MSL. Trees beginning 1397’ from DER, 531’ right of centerline, up to 104’ AGL/408’ MSL. Trees beginning 2065’ from DER, 696’ left of centerline, up to 100’ AGL/401’ MSL. Trees beginning 2172’ from DER, 706’ right of centerline, up to 98’ AGL/425’ MSL. Trees beginning 2606’ from DER, 217’ right of centerline, up to 102’ AGL/430’ MSL. Trees beginning 2786’ from DER, 78’ left of centerline, up to 97’ AGL/440’ MSL. Trees beginning 3089’ from DER, 2’ right of centerline, up to 64’ AGL/397’ MSL. Trees beginning 4053’ from DER, 1089’ right of centerline, up to 77’ AGL/452’ MSL. Tree 4192’ from DER, 312’ left of centerline, 92’ AGL/461’ MSL. Trees beginning 5258’ from DER, left and right of centerline, up to 102’ AGL/525’ MSL. Trees beginning 1.1 NM from DER, 1416’ right of centerline, up to 90’ AGL/534’ MSL. Trees beginning 1.2 NM from DER, 611’ left of centerline, up to 111’ AGL/473’ MSL.

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

ANDOVER, NJ
AEROFLEX-ANDOVER (12N)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 2 19003 (FAA)
TAKEOFF MINIMUMS: Rwy 3, 400-2. Rwy 21, 500-3 w/min. climb of 220’ per NM to 900 or 1400-1½ for VCOA.
DEPARTURE PROCEDURE: Rwy 3, climb heading 034° to 1200 before proceeding on course. Rwy 21, climbing right turn on a heading between 270° CW to 030° from DER to 1700 before proceeding on course. Do not exceed 150K until reaching 1700’ MSL.
VCOA: Rwy 21, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Aeroflex-Andover airport at or above 1800 before proceeding on course. Do not exceed 1800 until reaching 1800’ MSL.
TAKEOFF OBSTACLE NOTES: Rwy 3, trees beginning 13’ from DER, 267’ left of centerline, up to 100’ AGL/678’ MSL. Trees beginning 379’ from DER, 163’ left of centerline, up to 100’ AGL/688’ MSL. Trees beginning 432’ from DER, 582’ right of centerline, up to 100’ AGL/681’ MSL. Trees beginning 662’ from DER, 59’ left of centerline, up to 100’ AGL/704’ MSL. Trees beginning 945’ from DER, 170’ left of centerline, up to 100’ AGL/724’ MSL. Tree 1228’ from DER, 709’ left of centerline, 100’ AGL/737’ MSL. Trees beginning 1311’ from DER, 66’ left of centerline, up to 100’ AGL/698’ MSL. Trees beginning 1510’ from DER, 391’ right of centerline, up to 100’ AGL/744’ MSL. Trees beginning 1531’ from DER, 575’ right of centerline, up to 100’ AGL/707’ MSL. Trees beginning 1793’ from DER, 502’ left of centerline, up to 100’ AGL/793’ MSL. Trees beginning 1898’ from DER, 568’ right of centerline, up to 100’ AGL/730’ MSL. Trees beginning 3291’ from DER, 626’ left of centerline, up to 100’ AGL/770’ MSL. Trees beginning 3574’ from DER, 198’ left of centerline, up to 100’ AGL/793’ MSL. Trees beginning 3856’ from DER, 95’ left of centerline, up to 100’ AGL/819’ MSL. Power lines and transmission lines beginning 4555’ from DER, right and left of centerline, up to 184’ AGL/828’ MSL. Trees beginning 5029’ from DER, 90’ right of centerline, up to 100’ AGL/770’ MSL. Trees beginning 5123’ from DER, 5’ left of centerline, up to 100’ AGL/792’ MSL. CON’T
ANDOVER, NJ (CON’T)
AEROFLEX-ANDOVER (12N) (CON’T)

Rwy 21, tree 68’ from DER, 78’ left of centerline, 100’ AGL/639’ MSL. Tree 152’ from DER, 135’ right of centerline, 100’ AGL/668’ MSL. Tree 236’ from DER, 349’ right of centerline, 100’ AGL/711’ MSL. Trees beginning 267’ from DER, 189’ left of centerline, up to 100’ AGL/645’ MSL. Trees beginning 320’ from DER, 25’ right of centerline, up to 100’ AGL/740’ MSL. Trees beginning 550’ from DER, 85’ left of centerline, up to 100’ AGL/648’ MSL. Tree 602’ from DER, 453’ right of centerline, 100’ AGL/744’ MSL. Trees beginning 686’ from DER, 4’ right of centerline, up to 100’ AGL/767’ MSL. Trees beginning 1116’ from DER, 92’ left of centerline, up to 100’ AGL/658’ MSL. Trees beginning 1398’ from DER, 99’ left of centerline, up to 100’ AGL/668’ MSL. Trees beginning 2048’ from DER, 210’ left of centerline, up to 100’ AGL/675’ MSL. Tree 3514’ from DER, 438’ left of centerline, 100’ AGL/678’ MSL. Tree 3598’ from DER, 223’ left of centerline, 100’ AGL/681’ MSL. Trees beginning 3681’ from DER, 9’ left of centerline, up to 100’ AGL/684’ MSL. Tree 3964’ from DER, 120’ left of centerline, 100’ AGL/688’ MSL. Tree 4614’ from DER, 127’ left of centerline, 100’ AGL/704’ MSL. Tree 4813’ from DER, 451’ left of centerline, 100’ AGL/714’ MSL. Trees beginning 4896’ from DER, 23’ left of centerline, up to 100’ AGL/730’ MSL. Tree 5085’ from DER, 562’ left of centerline, 100’ AGL/737’ MSL. Tree 5179’ from DER, 348’ left of centerline, 100’ AGL/763’ MSL. Trees beginning 5263’ from DER, 133’ left of centerline, up to 100’ AGL/770’ MSL. Tree 5462’ from DER, 458’ left of centerline, 100’ AGL/786’ MSL. Trees beginning 5546’ from DER, 30’ left of centerline, up to 100’ AGL/799’ MSL. Tree 5745’ from DER, 569’ left of centerline, up to 100’ AGL/806’ MSL. Trees beginning 5828’ from DER, 140’ left of centerline, up to 100’ AGL/822’ MSL. Trees beginning 5996’ from DER, 73’ right of centerline, up to 100’ AGL/780’ MSL. Trees beginning 1 NM from DER, 37’ left of centerline, up to 100’ AGL/835’ MSL. Trees beginning 1 NM from DER, 177’ right of centerline, up to 100’ AGL/803’ MSL. Trees beginning 1.1 NM from DER, 59’ right of centerline, up to 100’ AGL/819’ MSL. Tree 1.1 NM from DER, 907’ left of centerline, 100’ AGL/842’ MSL. Trees beginning 1.2 NM from DER, 50’ left of centerline, up to 100’ AGL/852’ MSL. Tree 1.2 NM from DER, 1027’ right of centerline, 100’ AGL/826’ MSL. Trees beginning 1.2 NM from DER, 488’ right of centerline, up to 100’ AGL/832’ MSL. Trees beginning 1.2 NM from DER, 370’ right of centerline, up to 100’ AGL/849’ MSL.

ATLANTIC CITY, NJ
ATLANTIC CITY INTL (ACY)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
ORIG-A 17285 (FAA)
TAKEOFF OBSTACLE NOTES: Rwy 4, sign 36’ from DER, 303’ right of centerline, 4’ AGL/69’ MSL. Tree 1942’ from DER, 803’ left of centerline, 127’ MSL. Trees beginning 1967’ from DER, 715’ left of centerline, up to 130’ MSL. Tree 2014’ from DER, 638’ left of centerline, 132’ MSL. Trees beginning 2044’ from DER, 440’ left of centerline, up to 135’ MSL. Tree 2583’ from DER, 648’ right of centerline, 132’ MSL. **Rwy 13, NAVAID 42’ from DER, 149’ right of centerline, 2’ AGL/65’ MSL. Trees beginning 1161’ from DER, 710’ right of centerline, up to 104’ MSL. Trees beginning 1576’ from DER, 814’ right of centerline, up to 117’ MSL. Tree 1788’ from DER, 922’ right of centerline, 118’ MSL. **Rwy 22, terrain and NAVAID beginning 5’ from DER, 119’ right of centerline, up to 63’ MSL. Bush 86’ from DER, 475’ right of centerline, 64’ MSL. Poles beginning 219’ from DER, 446’ left of centerline, up to 32’ AGL/88’ MSL. Transmission tower and pole beginning 539’ from DER, 618’ left of centerline, up to 90’ MSL. Tree 848’ from DER, 714’ right of centerline, 84’ MSL. Trees beginning 949’ from DER, 550’ right of centerline, up to 96’ MSL. Tree 1186’ from DER, 800’ right of centerline, 98’ MSL. Trees beginning 1402’ from DER, 731’ left of centerline, up to 116’ MSL. Tree 1412’ from DER, 853’ right of centerline, 104’ MSL. Trees beginning 2124’ from DER, 271’ left of centerline, up to 118’ MSL. Tree 2258’ from DER, 464’ left of centerline, 126’ MSL. **Rwy 31, light support structure 10’ from DER, 6’ left of centerline, 2’ AGL/76’ MSL. Light support structure 11’ from DER, 4’ right of centerline, 2’ AGL/77’ MSL. Trees beginning 2405’ from DER, 1114’ left of centerline, up to 144’ MSL.

BATAVIA, NY
GENESEE COUNTY AIRPORT (GVQ)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
ORIG 07214 (FAA)
TAKEOFF OBSTACLE NOTES: 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.
TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

BELMAR-FARMINGDALE, NJ
MOMNOUTH EXECUTIVE (BLM) TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 3 19171 (FAA)
TAKEOFF MINIMUMS: Rwy 21, NA - obstacles. Rwy 3, std. w/min. climb of 210' per NM to 800, or 1000-3 for VCOA.
VCOA: Rwy 3, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Monmouth Executive airport at or above 1000 before proceeding on course.
TAKEOFF OBSTACLE NOTES: Rwy 3, fence abeam DER, 81' left of centerline, 2' AGL/150' MSL. Tree 7' from DER, 394' right of centerline, 28' AGL/157' MSL. Tree 13' from DER, 243' right of centerline, 42' AGL/178' MSL. Tree, pole beginning 43' from DER, 257' left of centerline, up to 39' AGL/189' MSL. Trees beginning 59' from DER, 191' right of centerline, up to 41' AGL/179' MSL. Trees beginning 112' from DER, 32' right of centerline, up to 45' AGL/186' MSL. Tree, pole beginning 180' from DER, 3' left of centerline, up to 51' AGL/196' MSL. Rwy 14, pole 54' from DER, 342' left of centerline, 34' AGL/156' MSL. Trees beginning 62' from DER, 63' right of centerline, up to 41' AGL/164' MSL. Trees beginning 161' from DER, 70' right of centerline, up to 57' AGL/177' MSL. Tree 195' from DER, 88' left of centerline, 32' AGL/162' MSL. Trees beginning 250' from DER, 408' right of centerline, up to 63' AGL/183' MSL. Trees beginning 442' from DER, 423' right of centerline, up to 75' AGL/195' MSL. Trees beginning 627' from DER, 347' right of centerline, up to 76' AGL/196' MSL. Trees beginning 762' from DER, 293' right of centerline, up to 75' AGL/198' MSL. Trees beginning 849' from DER, 382' right of centerline, up to 76' AGL/202' MSL. Trees beginning 928' from DER, 57' right of centerline, up to 78' AGL/203' MSL. Trees beginning 1137' from DER, 297' left of centerline, up to 75' AGL/184' MSL. Tree 1556' from DER, 75' left of centerline, 63' AGL/201' MSL. Trees beginning 1592' from DER, 48' left of centerline, up to 65' AGL/205' MSL. Tree 1635' from DER, 179' left of centerline, 69' AGL/209' MSL. Rwy 32, vehicle on road 23' from DER, 322' right of centerline, 121' MSL. Vehicle on road 53' from DER, 366' left of centerline, 122' MSL. Vehicle on road beginning 80' from DER, 108' right of centerline, up to 123' AGL/107' MSL. Trees beginning 107' from DER, 191' right of centerline, up to 69' AGL/176' MSL. Trees beginning 117' from DER, 364' left of centerline, up to 45' AGL/147' MSL. Tree 192' from DER, 490' left of centerline, 64' AGL/164' MSL. Trees beginning 224' from DER, 94' left of centerline, up to 68' AGL/168' MSL. Trees beginning 1330' from DER, 30' right of centerline, up to 99' AGL/179' MSL. Trees beginning 1942' from DER, 188' left of centerline, up to 102' AGL/181' MSL.

BERLIN, NJ
CAMDEN COUNTY (19N)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 2 14317 (FAA)
TAKEOFF MINIMUMS: Rwy 5, 600-1¼ or std. with a min. climb of 442' per NM to 700.
DEPARTURE PROCEDURE: Rwy 5, climb heading 050° to 600 before turning on course. Rwy 23, climb heading 230° to 600 before turning on course.
TAKEOFF OBSTACLE NOTES: Rwy 5, poles beginning at 1' from DER, 199' left and right of centerline, up to 35' AGL/179' MSL. Vehicle on road beginning 76' from DER, 7' left and right of centerline, up to 15' AGL/158' MSL. Trees beginning 73' from DER, 204' left and right of centerline, up to 120' AGL/271' MSL. Sign 23' from DER, 97' right of centerline, up to 6' AGL/147' MSL. Towers beginning at 1.2 NM from DER, 246' left and right of centerline, up to 310' AGL/500' MSL. Rwy 23, poles beginning at 183' from DER, 37' left and right of centerline, up to 36' AGL/186' MSL. Railroad beginning at 103' from DER, 25' left and of centerline, up to 17' AGL/167' MSL. Trees beginning 4' from DER, 1' left and right of centerline, up to 79' AGL/234' MSL.

BINGHAMTON, NY
GREAT BINGHAMTON/EDWIN A. LINK FIELD (BGM)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
ORIG 08157 (FAA)
TAKEOFF OBSTACLE NOTES: Rwy 10, trees beginning 143' from DER, 259' left of centerline, up to 29' AGL/157' 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/1662' MSL. Rwy 34, antenna 216' from DER, 223' right of centerline, 93' AGL/1643' MSL.

BLAIRSTOWN, NJ
BLAIRSTOWN (1N7)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 2 11069 (FAA)
DEPARTURE PROCEDURE: Rwy 7, climb heading 074° to 1600 before proceeding on course. Rwy 25, climb heading 254° to 2100 before proceeding on course.
TAKEOFF OBSTACLE NOTES: Rwy 7, trees beginning at DER, 270' right of centerline, up to 100' AGL/598' 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)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
ORIG 09015 (FAA)
TAKEOFF OBSTACLE NOTES: 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)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 1 08325 (FAA)
TAKEOFF OBSTACLE NOTES: Rw 6, trees beginning 229' from DER, 68' left of centerline, up to 100' AGL/770' MSL. Tree 403' 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. Trees beginning 668' from DER, 112' left of centerline, up to 100' AGL/750' MSL.

BUFFALO, NY (CON’T)
BUFFALO NIAGARA INTL (BUF)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 6 12208 (FAA)
TAKEOFF OBSTACLE NOTES: Rw 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. Rw 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. Rw 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. Rw 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 (CON’T)
ESSEX COUNTY (CDW) (CON’T)
Rwy 22 (CON’T), trees, buildings, vehicle on road, terrain beginning 1580' from DER, 51' left of centerline, up to 293' MSL. Trees beginning 1787' from DER, 81' right of centerline, up to 295' MSL. Trees, terrain, buildings beginning 1860' from DER, 48' right of centerline, up to 85' AGL/324' MSL. Trees, traverse way, terrain, buildings, poles, fence, lower beginning 2216' from DER, 15' right of centerline, up to 84' AGL/343' MSL. Rw 28, building 28' from DER, 476' left of centerline, 196' MSL. Trees beginning 51' from DER, 176' left of centerline, up to 48' AGL/214' MSL. Trees, buildings, traverse way, poles beginning 116' from DER, 15' left of centerline, up to 71' AGL/237' MSL. Tree 357' from DER, 156' right of centerline, 25' AGL/193' MSL. Trees, buildings, traverse way, poles beginning 363' from DER, 15' right of centerline, up to 240' MSL. Trees, poles beginning 533' from DER, 170' left of centerline, up to 241' MSL. Trees, vehicle on road, buildings, poles beginning 592' from DER, 15' left of centerline, up to 242' MSL. Trees, buildings, poles beginning 921' from DER, 22' right of centerline, up to 82' AGL/255' MSL. Trees beginning 1790' from DER, 201' left of centerline, up to 76' AGL/249' MSL. Trees beginning 2287' from DER, 30' right of centerline, up to 259' MSL. Trees beginning 2515' from DER, 32' left of centerline, up to 76' AGL/252' MSL. Trees beginning 3062' from DER, 62' left of centerline, up to 87' AGL/259' MSL. Trees beginning 3093' from DER, 67' right of centerline, up to 264' MSL. Trees beginning 3131' from DER, 86' left of centerline, up to 260' MSL. Trees beginning 3216' from DER, 53' right of centerline, up to 265' MSL. Trees beginning 3360' from DER, 86' left of centerline, up to 96' AGL/267' MSL.

CANANDAIGUA, NY
CANANDAIGUA (IUA)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 1 14317 (FAA)
TAKEOFF OBSTACLE NOTES: Rw 13, ground 28' from DER, 301' left of centerline, 818' MSL. Trees beginning 76' from DER, 444' right of centerline, up to 100' AGL/901' MSL. Trees beginning 1147' from DER, 164' left of centerline, up to 100' AGL/855' MSL. Rw 31, ground 28' from DER, 489' left of centerline, 797' MSL. Pole 197' from DER, 390' right of centerline, 39' AGL/823' MSL. Trees beginning 850' from DER, 146' left of centerline, up to 100' AGL/873' MSL.
TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

CORTLAND, NY
CORTLAND COUNTY-CHASE FIELD (N03)
TAKEOFF MINIMUMS AND (OBSTACLE)
DEPARTURE PROCEDURES
AMDT 3 12152 (FAA)
TAKEOFF MINIMUMS: Rwy 6, std. w/min. climb of 328' per NM to 2500 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.
TAKEOFF OBSTACLE NOTES: 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, 92' AGL/1624' MSL. Rwy 24, trees beginning 749' from DER, 94' right of centerline, up to 100' AGL/1439' 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' AGL/1559' MSL.

CROSS KEYS, NJ
CROSS KEYS (17N)
TAKEOFF MINIMUMS AND (OBSTACLE)
DEPARTURE PROCEDURES
AMDT 1 09351 (FAA)
TAKEOFF OBSTACLE NOTES: Rwy 9, trees beginning 81' from DER, 76' right of centerline, up to 100' AGL/2835' MSL. Trees beginning 834' from DER, 834' left of centerline, up to 100' AGL/2798' MSL. Pole 643' 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.

DANsville, NY
DANsville MUNI (DSV)
TAKEOFF MINIMUMS AND (OBSTACLE)
DEPARTURE PROCEDURES
AMDT 2A 17173 (FAA)
TAKEOFF MINIMUMS: Rwy 14, std. w/min. climb of 482 per NM to 3000, 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.
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 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.
TAKEOFF OBSTACLE NOTES: 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 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.

DUNKIRK, NY
CHAUTAUQUA COUNTY/ DUNKIRK (DKK)
TAKEOFF MINIMUMS AND (OBSTACLE)
DEPARTURE PROCEDURES
AMDT 3 18032 (FAA)
TAKEOFF MINIMUMS: Rwy 6, std. or 2300-3 for climb in visual conditions. Rwy 15, std. w/min. climb of 455' per NM to 2500 or 2300-3 for climb in visual conditions. Rwy 24, std. w/min. climb of 220' per NM to 2500 or 2300-3 for climb in visual conditions.
DEPARTURE PROCEDURE: Rwy 6, climb heading 059° to 1900 before turning. Rwy 15, climb heading 149° to 3400 before turning. Rwy 24, climb heading 239° to 2600 before turning.

VCOA: Rwyns 6, 15, 24, 33, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Chautauqua County / Dunkirk airport at or above 2800 MSL before proceeding on course.

TAKEOFF OBSTACLE NOTES: Rwy 6, NAVAID 11' from DER, 91' left of centerline, 3' AGL/663' MSL. Lighting 11' from DER, 30' right of centerline, 1' AGL/662' MSL. Tree 657' from DER, 104' left of centerline, 696' MSL. Trees beginning 739' from DER, 203' right of centerline, up to 704' MSL. Trees beginning 756' from DER, 56' left of centerline, up to 730' MSL. Tree 849' from DER, 298' right of centerline, 711' MSL. Trees beginning 866' from DER, 228' right of centerline, up to 717' MSL. Trees and poles beginning 964' from DER, 13' left of centerline, up to 736' MSL. Trees beginning 1150' from DER, 48' right of centerline, up to 721' MSL. Trees and poles beginning 1303' from DER, 27' right of centerline, up to 728' MSL. Trees beginning 1176' from DER, 129' left of centerline, up to 714' MSL. Trees and pole beginning 2424' from DER, 39' right of centerline, up to 761' MSL. Tree 2736' from DER, 44' left of centerline, 740' MSL. Trees beginning 2807' from DER, 66' left of centerline, up to 743' MSL. Tree 3298' from DER, 990' left of centerline, 746' MSL. Tree 3418' from DER, 1240' left of centerline, 749' MSL. Rwy 15, electrical system 2' from DER, 156' right of centerline, 698' MSL. Tree 5' from DER, 32' left of centerline, 1061' MSL. Tree 7' from DER, 673' right of centerline, 1061' MSL. Electrical system 9' from DER, 29' left of centerline, 3' AGL/695' MSL. Tree 33' from DER, 949' right of centerline, 1062' MSL. Tree and vegetation beginning 102' from DER, 423' left of centerline, up to 1056' MSL. Tree 126' from DER, 2852' right of centerline, 1107' MSL. Trees beginning 168' from DER, 1267' right of centerline, up to 1108' MSL. Trees and fence beginning 349' from DER, 260' right of centerline, up to 1118' MSL. Trees beginning 362' from DER, 173' left of centerline, up to 1071' MSL. Trees beginning 514' from DER, 594' right of centerline, up to 773' MSL. Trees beginning 537' from DER, 3266' right of centerline, up to 1122' MSL. Trees beginning 602' from DER, 32' left of centerline, 1090' MSL. Trees beginning 620' from DER, 2278' right of centerline, up to 1151' MSL. Tree 667' from DER, 1055' left of centerline, 1091' MSL. Trees beginning 718' from DER, 259' right of centerline, up to 1155' MSL. Trees beginning 740' from DER, 130' left of centerline, up to 1056' MSL. Trees beginning 860' from DER, 251' left of centerline, up to 1105' MSL. Tree 893' from DER, 250' left of centerline, 744' MSL. Tree 948' from DER, 608' left of centerline, 765' MSL. Tree 951' from DER, 1814' left of centerline, 1101' MSL. Tree 1057' from DER, 190' left of centerline, 731' MSL. Trees beginning 1183' from DER, 1274' left of centerline, up to 1131' MSL. Tree 1227' from DER, 111' right of centerline, 1108' MSL. Tree 1237' from DER, 3974' right of centerline, 1140' MSL. CON'T
DUNKIRK, NY (CON’T)
CHAUTAUQUA COUNTY/ DUNKIRK (DKK) (CON’T)

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

TAKEOFF MINIMUMS:

Rwy 15 (CON’T), trees beginning 3573’ from DER, 370’ left of centerline, up to 785’ MSL. Trees beginning 3665’ from DER, 875’ left of centerline, up to 788’ MSL. Rwy 33, vegetation 7’ from DER, 436’ left of centerline, 674’ AGL. Tree 912’ from DER, 399’ left of centerline, 691’ MSL. Trees beginning 945’ from DER, 148’ left of centerline, up to 694’ MSL. Tree 957’ from DER, 65’ right of centerline, 685’ MSL. Tree 1080’ from DER, 234’ left of centerline, 704’ MSL. Trees beginning 1161’ from DER, 178’ left of centerline, up to 721’ MSL. Trees beginning 1163’ from DER, 110’ right of centerline, up to 715’ MSL. Trees beginning 1622’ from DER, 465’ left of centerline, up to 722’ MSL. Tree 2189’ from DER, 287’ right of centerline, 719’ MSL. Tree 2290’ from DER, 19’ right of centerline, 724’ MSL. Tree 2366’ from DER, 150’ right of centerline, 727’ MSL. Tree 2401’ from DER, 11’ right of centerline, 735’ MSL. Tree 2516’ from DER, 11’ left of centerline, 724’ MSL. Tree 2523’ from DER, 927’ left of centerline, 730’ MSL. Tree 3296’ from DER, 190’ right of centerline, 747’ MSL.

TAKEOFF OBSTACLE NOTES:

Rwy 33, vegetation 7’ from DER, 436’ left of centerline, 674’ AGL. Tree 912’ from DER, 399’ left of centerline, 691’ MSL. Trees beginning 945’ from DER, 148’ left of centerline, up to 694’ MSL. Tree 957’ from DER, 65’ right of centerline, 685’ MSL. Tree 1080’ from DER, 234’ left of centerline, 704’ MSL. Trees beginning 1161’ from DER, 178’ left of centerline, up to 721’ MSL. Trees beginning 1163’ from DER, 110’ right of centerline, up to 715’ MSL. Trees beginning 1622’ from DER, 465’ left of centerline, up to 722’ MSL. Tree 2189’ from DER, 287’ right of centerline, 719’ MSL. Tree 2290’ from DER, 19’ right of centerline, 724’ MSL. Tree 2366’ from DER, 150’ right of centerline, 727’ MSL. Tree 2401’ from DER, 11’ right of centerline, 735’ MSL. Tree 2516’ from DER, 11’ left of centerline, 724’ MSL. Tree 2523’ from DER, 927’ left of centerline, 730’ MSL. Tree 3296’ from DER, 190’ right of centerline, 747’ MSL.

EAST HAMPTON, NY
EAST HAMPTON (HTO)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3A 16063 (FAA)
TAKEOFF MINIMUMS: Rwy 34, 300-1½ or std. w/min. climb of 430’ per NM to 4000.
TAKEOFF OBSTACLE NOTES: Rwy 10, tree and vehicles on roadway beginning 107’ from DER, 259’ left of centerline, up to 52’ AGL/85’ MSL. Tree and vehicles on roadway beginning 297’ from DER, on centerline, up to 52’ AGL/85’ MSL. Trees beginning 370’ from DER, 296’ left of centerline, up to 60’ AGL/93’ MSL. Trees beginning 580’ from DER, 290’ right of centerline, up to 61’ AGL/88’ MSL. Tree 1105’ from DER, 427’ left of centerline, 56’ AGL/95’ MSL. Trees beginning 1131’ from DER, 405’ left of centerline, up to 59’ AGL/98’ MSL. Trees beginning 1493’ from DER, 89’ left of centerline, up to 65’ AGL/100’ MSL. Trees beginning 1862’ from DER, 386’ left of centerline, up to 66’ AGL/102’ MSL. Tree 2227’ from DER, 520’ right of centerline, 58’ AGL/90’ MSL.

Rwy 16, tree and vehicles on roadway beginning 177’ from DER, 122’ right of centerline, up to 44’ AGL/78’ MSL. Tree 375’ from DER, 195’ left of centerline, 35’ AGL/62’ MSL. Tree 607’ from DER, 205’ left of centerline, 49’ AGL/75’ MSL. Tree and railroad beginning 770’ from DER, 4’ left of centerline, up to 50’ AGL/76’ MSL. Rwy 28, trees beginning 53’ from DER, 289’ left of centerline, up to 49’ AGL/103’ MSL. Trees beginning 221’ from DER, 290’ right of centerline, up to 49’ AGL/107’ MSL. Tree 658’ from DER, 397’ right of centerline, 57’ AGL/117’ MSL. Trees beginning 786’ from DER, 303’ left of centerline, up to 52’ AGL/115’ MSL. Trees 1034’ from DER, 421’ right of centerline, up to 59’ AGL/123’ MSL. Trees beginning 1170’ from DER, 261’ right of centerline, up to 67’ AGL/128’ MSL. Trees beginning 1691’ from DER, 5’ right of centerline, up to 63’ AGL/133’ MSL. Tree 1698’ from DER, 592’ left of centerline, 57’ AGL/126’ MSL. Tree 2171’ from DER, 668’ left of centerline, 64’ AGL/133’ MSL. Trees beginning 2353’ from DER, 308’ left of centerline, up to 67’ AGL/137’ MSL. Trees beginning 2695’ from DER, 283’ left of centerline, up to 66’ AGL/138’ MSL.

ELLENVILLE, NY
JOSEPH Y RESNICK (N89)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

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.

TAKEOFF OBSTACLE NOTES: 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.
DEPARTURE PROCEDURE: Rwys 6, 10, 24, 28, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Elmira/Corning Rgnl airport at or above 2900 before proceeding on course.

TAKEOFF OBSTACLE NOTES: Rwys 6, 10: Tree 581' from DER, 655' left of centerline, 25' AGL/976' MSL. Tree 582' from DER, 513' left of centerline, 994' MSL. Pole 597' from DER, on centerline, 20' AGL/970' MSL.

Trees beginning 1657' from DER, 820' left of centerline, up to 1023' MSL. Trees beginning 3057' from DER, 383' right of centerline, up to 1039' MSL. Tree 3443' from DER, 192' right of centerline, up to 872' MSL. Trees beginning 1.3 NM from DER, 2285' left of centerline, 1213' MSL. Trees beginning 1.4 NM from DER, 2277' left of centerline, 1318' MSL. Trees beginning 1.5 NM from DER, 1755' left of centerline, up to 1363' MSL. Trees, terrain beginning 1.9 NM from DER, 1471' left of centerline, up to 1371' MSL. Trees, poles beginning 2 NM from DER, 1776' left of centerline, up to 1412' MSL. Trees beginning 2.1 NM from DER, 2282' left of centerline, up to 1423' MSL.

Rwy 10, fence 25' from DER, 494' left of centerline, 4' AGL/947' MSL. Tree 549' from DER, 37' left of centerline, 969' MSL. Tree 656' from DER, 329' left of centerline, 984' MSL. Tree 701' from DER, 498' right of centerline, 999' MSL. Tree 767' from DER, 666' left of centerline, 987' MSL. Trees, poles beginning 782' from DER, 67' left of centerline, up to 998' MSL. Tree 819' from DER, 413' right of centerline, 975' MSL. Trees beginning 888' from DER, 110' right of centerline, up to 979' MSL. Tree 1317' from DER, 613' right of centerline, 987' MSL. Poles beginning 1351' from DER, 125' right of centerline, up to 51' AGL/988' MSL. Pole 1743' from DER, 93' left of centerline, 38' AGL/999' MSL. Poles, building beginning 1800' from DER, 235' left of centerline, up to 41' AGL/1000' MSL. Tree 2051' from DER, 552' right of centerline, 1006' MSL. Building, poles beginning 2160' from DER, 129' left of centerline, up to 47' AGL/1011' MSL. Poles, building beginning 2393' from DER, 427' left of centerline, up to 50' AGL/1015' MSL. Tree 519' from DER, 616' right of centerline, 1012' MSL. Poles beginning 2604' from DER, 304' left of centerline, up to 53' AGL/1019' MSL. Pole 2703' from DER, 1215' left of centerline, 53' AGL/1020' MSL. Tree 2737' from DER, 584' right of centerline, 1013' MSL. Pole 2965' from DER, 1221' left of centerline, 52' AGL/1021' MSL. Tree 5322' from DER, 1786' right of centerline, 1096' MSL. Trees beginning 5460' from DER, 1787' right of centerline, up to 1152' MSL. Tree 5617' from DER, 1992' right of centerline, 1160' MSL.
ENDICOTT, NY

TRI-CITIES (CZG)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4 10154 (FAA)

TAKEOFF MINIMUMS: Rw 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. Rw 21, std. w/min. climb of 604' per NM to 2100 or 900-3 with min. climb of 470 to 2200 or 1600-2 ½ for climb in visual conditions.

DEPARTURE PROCEDURE: Rw 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. Rw 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.

TAKEOFF OBSTACLE NOTES: Rw 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. Rw 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)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 7 15008 (FAA)

TAKEOFF MINIMUMS: Rw 1, 300-1¼ or std. w/min. climb of 220' 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. Rw 32, 300-1½ or std. w/min. climb of 215' per NM to 400, or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1500' prior to DER.

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

TAKEOFF OBSTACLE NOTES: Rw 1, fence 3' from DER, 421' left of centerline, 9' AGL/88' MSL. Building, stack and trees beginning 264' from DER, 246' right of centerline, up to 55' AGL/134' MSL. Trees beginning 315' from DER, 568' right of centerline, up to 76' AGL/155' MSL. Pole and trees beginning 1266' from DER, 279' right of centerline, up to 54' AGL/137' MSL. Tank, elevator and trees beginning 1382' from DER, 447' left of centerline, up to 69' AGL/141' MSL. Tank 5858' from DER, 1440' left of centerline, 151' AGL/244' MSL. Rw 14, pole and vehicles on road beginning 181' from DER, 73' right of centerline, up to 17' AGL/74' MSL. Trees beginning 534' from DER, 97' left of centerline, up to 33' AGL/88' MSL. Trees beginning 915' from DER, 24' right of centerline, up to 66' AGL/119' MSL. Pole and trees beginning 1124' from DER, 245' left of centerline, up to 50' AGL/104' MSL. Trees 2135' from DER, 331' left of centerline, up to 77' AGL/124' MSL.
TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

GLENS FALLS, NY
FLOYD BENNETT MEMORIAL (GFL)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
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 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.

TAKEOFF OBSTACLE NOTES: 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)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
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.

TAKEOFF OBSTACLE NOTES: Rwy 17, multiple trees beginning 37’ from DER, 163’ right of centerline, up to 100’ AGL/1219’ MSL. Trees 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. 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)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
ORIG 09015 (FAA)
DEPARTURE PROCEDURE: Rwy 3, climb heading 034° to 600 before turning left.

TAKEOFF OBSTACLE NOTES: 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)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
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.

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

ITHACA, NY

ITHACA TOMPKINS RGNL (ITH)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 5 10098(FAA)
TAKEOFF MINIMUMS: Rwy 14, Std. w/min. climb of 210' per NM to 2300 or 2300-3 for climb in visual conditions.

DEPARTURE PROCEDURE: Rwy 14, climb heading 145° to 2400 before proceeding 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

JAMESTOWN, NY
CHAUTAUQUA COUNTY/JAMESTOWN (JHW)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 6A 19171
TAKEOFF MINIMUMS: Rwy 31, 200-1/4 or std. w/min. climb of 210' per NM to 2800.

TAKEOFF OBLSTACLE NOTES: Rwy 7, light 3' from DER, 5' left of centerline, 2' AGL/1720' MSL. Sign 20' from DER, 249' left of centerline, 7' AGL/1722' MSL. Vehicles on roadway beginning 299' from DER, crossing extended runway centerline, up to 15' AGL/1734' MSL. Trees beginning 495' from DER, 525' left of centerline, up to 50' AGL/1749' MSL. Rwy 13, electrical system at DER, 200' left of centerline, 1710' MSL. Sign 5' from DER, 155' right of centerline, 1709' MSL. Vehicles on roadway 69' from DER, 322' right of centerline, 1710' MSL. Trees beginning 81' from DER, 495' left of centerline, up to 55' AGL/1755' MSL. Terrain beginning 172' from DER, 289' right of centerline, up to 1714' MSL. Tree 232' from DER, 491' left of centerline, 50' AGL/1766' MSL. Fence 257' from DER, 350' left of centerline, 1715' MSL. Terrain 307' from DER, 375' right of centerline, 1717' MSL. Fence, vehicles on roadway beginning 387' from DER, 363' right of centerline, up to 1725' MSL. Tree, pole, building beginning 401' from DER, 378' left of centerline, up to 57' AGL/1766' MSL. Vehicles on roadway 436' from DER, 501' right of centerline, 457' AGL/1755' MSL. Pole 599' from DER, 599' right of centerline, 31' AGL/1751' MSL. Building, fence, vehicles on roadway, pole, tree beginning 527' from DER, 188' right of centerline, up to 48' AGL/1768' MSL. Trees beginning 850' from DER, 11' left of centerline, up to 1774' MSL. Building, pole beginning 1065' from DER, 308' right of centerline, up to 45' AGL/1770' MSL. Tree 1301' from DER, 724' right of centerline, 1804' MSL. Tree, pole, building beginning 1361' from DER, 4' right of centerline, up to 88' AGL/1819' MSL. Trees beginning 2358' from DER, 316' left of centerline, up to 1779' MSL. Tree 2342' from DER, 924' left of centerline, 1785' MSL. Trees beginning 2485' from DER, 449' left of centerline, up to 1788' MSL. Trees beginning 2610' from DER, 4' left of centerline, up to 1793' MSL. Trees beginning 2750' from DER, 103' left of centerline, up to 1797' MSL. Trees beginning 2851' from DER, 507' left of centerline, up to 1798' MSL. Tree 2959' from DER, 611' left of centerline, 1802' MSL. Trees beginning 2966' from DER, 694' left of centerline, up to 1804' MSL. Trees beginning 3004' from DER, 556' left of centerline, up to 1805' MSL. Trees beginning 3149' from DER, 621' left of centerline, up to 1808' MSL. Trees beginning 3806' from DER, 1' left of centerline, up to 1813' MSL. Tree 4208' from DER, 38' left of centerline, 1816' MSL. Trees beginning 4322' from DER, 50' right of centerline, up to 1825' MSL. Trees beginning 4376' from DER, 159' left of centerline, up to 1825' MSL. Rwy 25, lighting 10' from DER, 29' left of centerline, 2' AGL/1722' MSL. Lighting 10' from DER, 30' right of centerline, 2' AGL/1722' MSL. Building 424' from DER, 261' left of centerline, 2' AGL/1733' MSL. Tree 733' from DER, 654' left of centerline, 84' AGL/1753' MSL. Tree 762' from DER, 662' left of centerline, 1756' MSL. Rwy 31, sign 23' from DER, 200' left of centerline, 1724' MSL. Terrain beginning 29' from DER, 303' left of centerline, up to 1735' MSL. Trees beginning 48' from DER, 464' right of centerline, up to 73' AGL/1781' MSL. Tree, terrain beginning 83' from DER, 423' left of centerline, up to 1740' MSL. Fence, terrain beginning 133' from DER, 316' left of centerline, up to 1747' MSL. Trees beginning 194' from DER, 460' right of centerline, up to 72' AGL/1785' MSL. Fence 238' from DER, 500' left of centerline, 1751' MSL. CONT'
JAMESTOWN, NY
CHAUTAUQUA COUNTY/JAMESTOWN (JHW)

Rwy 31 (CON’T), fence, tree, terrain beginning 354’ from DER, 610’ left of centerline, up to 1752’ MSL. Trees beginning 402’ from DER, 470’ right of centerline, up to 68’ AGL/1790’ MSL. Fence beginning 457’ from DER, 500’ left of centerline, up to 1753’ MSL. Tree 578’ from DER, 630’ left of centerline, 40’ AGL/1783’ MSL. Tree, terrain, fence beginning 582’ from DER, 376’ left of centerline, up to 1806’ MSL. Trees beginning 764’ from DER, 475’ right of centerline, up to 1800’ MSL. Trees beginning 775’ from DER, 201’ left of centerline, up to 1814’ MSL. Trees beginning 947’ from DER, 536’ right of centerline, up to 1805’ MSL. Tree 1011’ from DER, 737’ right of centerline, 1808’ MSL. Trees beginning 1057’ from DER, 390’ right of centerline, up to 1813’ MSL. Trees beginning 1266’ from DER, 68’ right of centerline, up to 84’ AGL/1819’ MSL. Trees beginning 3434’ from DER, 372’ left of centerline, up to 1817’ MSL. Tree 3517’ from DER, 786’ left of centerline, 1824’ MSL. Trees beginning 3540’ from DER, 447’ left of centerline, up to 1835’ MSL. Trees beginning 3741’ from DER, 419’ left of centerline, up to 1841’ MSL. Tree 4412’ from DER, 1677’ left of centerline, 1843’ MSL. Trees beginning 4490’ from DER, 1435’ left of centerline, up to 1844’ MSL. Tree 4518’ from DER, 1644’ left of centerline, 1846’ MSL. Trees beginning 4615’ from DER, 1457’ left of centerline, up to 1856’ MSL. Trees beginning 4871’ from DER, 1518’ left of centerline, up to 1862’ MSL. Trees beginning 5135’ from DER, 1044’ left of centerline, up to 1806’ MSL. Trees beginning 5582’ from DER, 1296’ left of centerline, up to 1874’ MSL. Trees beginning 5725’ from DER, 1015’ left of centerline, up to 1875’ MSL.

JOHNSTON, NY
FULTON COUNTY (NY0)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 2 10266 (FAA)

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

LAKEWOOD, NJ

LAKEWOOD (N12)

TAKEOFF MINIMU,MS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 14149 (FAA)

TAKEOFF OBSTACLE NOTES: Rwy 6, aircraft on taxiway abeam DER, 220° right of centerline, up to 15’ AGL/49’ MSL. Vehicles on road beginning 5’ from DER, crossing left to right, up to 15’ AGL/49’ MSL. Trees, buildings and poles beginning 481’ from DER, left and right of centerline, up to 100’ AGL/139’ MSL. Transmission towers beginning 3815’ from DER, right and left of centerline, up to 150’ AGL/184’ MSL. Rwy 24, aircraft on taxiway abeam DER, 225’ left of centerline, up to 15’ AGL/59’ MSL. Trees abeam DER, 270’ right and 275’ left of centerline, up to 100’ AGL/144’ MSL. Trees, buildings and vehicle on road beginning 371’ from DER right and left of centerline up to 100’ AGL/144’ MSL. Trees, buildings and storage tank beginning 881’ from DER, left and right of centerline, up to 100’ AGL/169’ MSL.

LE ROY, NY

LE ROY (5G0)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

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. TAKEOFF OBSTACLE NOTES: 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 326’ 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)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 19003 (FAA)

TAKEOFF MINIMUMS: Rwy 1, 900-3 w/min. climb of 340’ per NM to 1100 or 1600-2½ for VCOA. Rwy 19, 400-2½ or std. w/min. climb gradient of 330’ per NM to 700. DEPARTURE PROCEDURE: Rwy 1, climb on heading 008° to 1300 before proceeding on course. Rwy 19, climb on heading 188° to 900 before proceeding on course. VCOA: Rwy 1, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Lincoln Park Airport at or above 1600 before proceeding on course. TAKEOFF OBSTACLE NOTES: Rwy 1, tree 1852’ from DER, 766’ left of centerline, 319’ MSL. Rwy 19, tree beginning 70’ from DER, 324’ right of centerline, up to 299’ MSL. Tower 4107’ from DER, 460’ right of centerline, 131’ AGL/306’ MSL. Tower, beginning 4232’ from DER, 133’ right of centerline, up to 135’ AGL/307’ MSL. Tree 1 NM from DER, 1729’ right of centerline, 339’ MSL. Tree 1 NM from DER, 1823’ right of centerline, 359’ MSL. Tree 1.1 NM from DER, 1955’ right of centerline, 379’ MSL. Tree 1.1 NM from DER, 2042’ right of centerline, 399’ MSL. Tree 1.1 NM from DER, 2086’ right of centerline, 419’ MSL. Tree 1.2 NM from DER, 2135’ right of centerline, 359’ MSL. Tree beginning 1.2 NM from DER, 320’ right of centerline, up to 459’ MSL. Tree 1.3 NM from DER, 2194’ right of centerline, 479’ MSL. Tree beginning 1.3 NM from DER, 320’ right of centerline, up to 499’ MSL. Tree beginning 1.3 NM from DER, 399’ right of centerline, up to 519’ MSL. Tree 1.6 NM from DER, 2899’ left of centerline, 440’ MSL. Tree 1.6 NM from DER, 2849’ left of centerline, 460’ MSL. Tree beginning 1.6 NM from DER, 3088’ left of centerline, up to 480’ MSL.

LINDEN, NJ

LINDEN (LDJ)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2A 11125 (FAA)

TAKEOFF MINIMUMS: Rwy 9, 300-1½ or std. w/min. climb of 259’ per NM to 400. Rwy 27, 300-1. TAKEOFF OBSTACLE NOTES: 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.

LUMBERTON, NJ

FLYING W (N14)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 12208 (FAA)

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

MANVILLE, NJ (CON’T)

CENTRAL JERSEY RGNL (47N) (CON’T)

Rwy 25, traverse way 2’ from DER, 82’ right of centerline, 103’ MSL. Tree 14’ from DER, 166’ right of centerline, 115’ MSL. Tree 17’ from DER, 458’ right of centerline, 123’ MSL. Tree 23’ from DER, 504’ right of centerline, 129’ MSL. Trees beginning 26’ from DER, 257’ left of centerline, up to 126’ MSL. Trees beginning 37’ from DER, 259’ right of centerline, up to 131’ MSL. Tree 49’ from DER, 285’ left of centerline, 129’ MSL. Trees beginning 83’ from DER, 15’ right of centerline, up to 148’ MSL. Trees beginning 105’ from DER, 203’ left of centerline, up to 130’ MSL. Trees beginning 120’ from DER, 249’ left of centerline, up to 140’ MSL. Trees traverse way beginning 142’ from DER, 49’ right of centerline, up to 151’ MSL. Trees, traverse ways beginning 199’ from DER, 14’ left of centerline, up to 144’ MSL. Trees traverse way beginning 202’ from DER, 1’ right of centerline, up to 155’ MSL. Trees beginning 812’ from DER, 7’ right of centerline, up to 80’ AGL/156’ MSL. Trees beginning 835’ from DER, 26’ left of centerline, up to 150’ MSL. Trees beginning 968’ from DER, 4’ right of centerline, up to 159’ MSL. Trees beginning 978’ from DER, 59’ left of centerline, up to 159’ MSL. Trees beginning 167’ from DER, 167’ left of centerline, up to 161’ MSL. Trees beginning 1087’ from DER, 6’ left of centerline, up to 162’ MSL. Trees beginning 1204’ from DER, 11’ right of centerline, up to 162’ MSL. Trees beginning 1381’ from DER, 62’ right of centerline, up to 175’ MSL. Trees beginning 1538’ from DER, 18’ right of centerline, up to 176’ MSL. Transmission line 4389’ from DER, 1465’ left of centerline, 116’ AGL/197’ MSL. Transmission line beginning 4547’ from DER, 676’ left of centerline, up to 170’ AGL/244’ MSL.

MASSENA, NY

MASSENA INTL-RICHARDS FIELD (MSS)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 8A 14093 (FAA)

TAKEOFF MINIMUMS: Rwy 23, 400-2½ or std. w/min. climb of 240’ per NM to 800. TAKEOFF OBSTACLE NOTES: 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’ left 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.

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

MANVILLE, NJ

CENTRAL JERSEY RGNL (47N)

AMDT 2 12320 (FAA)

TAKEOFF MINIMUMS: Rwy 14, 300-1½ or std. w/min. climb of 310’ per NM to 1200. Rwy 23, 500-2½ 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, climbing heading 232° to 1500 before proceeding on course.

TAKEOFF OBSTACLE NOTES: 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/826’ MSL.

MASSENA, NY

MASSENA INTL-RICHARDS FIELD (MSS)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4 19059 (FAA)

TAKEOFF MINIMUMS: Rwy 25, 300-1 or std. w/min. climb of 280’ per NM to 300. DEPARTURE PROCEDURE: Rwy 7, climb heading 069° to 800 before turning left.

TAKEOFF OBSTACLE NOTES: Rwy 7, lighting 12’ from DER, 9’ right of centerline, 65’ MSL. Trees beginning 38’ from DER, 313’ left of centerline, up to 138’ MSL. Buildings, tree beginning 550’ from DER, 289’ left of centerline, up to 19’ AGL/87’ MSL. Trees, building, poles, and trees beginning 120’ from DER, 217’ left of centerline, up to 110’ MSL. Trees, poles, buildings beginning 192’ from DER, 181’ left of centerline, up to 116’ MSL. Pole 241’ from DER, 465’ right of centerline, 37’ AGL/74’ MSL. Trees, pole, buildings beginning 267’ from DER, 124’ left of centerline, up to 68’ AGL/132’ MSL. Trees, poles, beginning 281’ from DER, 262’ right of centerline, up to 116’ MSL. Trees, buildings, pole beginning 371’ from DER, 104’ left of centerline, up to 123’ MSL. Trees, pole beginning 428’ from DER, 172’ right of centerline, up to 120’ MSL. Trees, buildings, pole beginning 452’ from DER, 200’ left of centerline, up to 133’ MSL. Trees beginning 506’ from DER, 191’ right of centerline, up to 124’ MSL. Tree 550’ from DER, 550’ right of centerline, 131’ MSL. Trees beginning 557’ from DER, 3’ right of centerline, up to 104’ AGL/132’ MSL. Trees, poles, building beginning 736’ from DER, 41’ left of centerline, up to 123’ MSL. Trees beginning 1067’ from DER, 6’ left of centerline, up to 81’ AGL/126’ MSL. Trees beginning 2081’ from DER, 71’ right of centerline, up to 157’ MSL.
MC GUIRE FLD, (JOINT BASE MC GUIRE)

DIX LAKEHURST) (KWRI)

WRIGHTSTOWN, NJ

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 15232

TAKEOFF OBSTACLE NOTES: Rwy 6, trees 1432’ to 193' 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-5 aircraft on Romeo row 1976’ from DER, 1234’ right of centerline, 66’ AGL/184’ MSL.

MIDDLETOWN, NY

RANDALL (06N)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

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.

TAKEOFF OBSTACLE NOTES: 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.

MILLVILLE, NJ

MILLVILLE MUNI (MIV)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 06159 (FAA)

TAKEOFF OBSTACLE NOTES: 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 and 139’ 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)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

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.

TAKEOFF OBSTACLE NOTES: 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 64’ from DER, 189’ right of centerline, up to 29’ AGL/38’ MSL.

MILLBROOK, NY

SKY ACRES (44N)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 14149 (FAA)

TAKEOFF MINIMUMS: Rwy 17, 600-3 w/min. climb of 240’ per NM to 1400 or std. w/min. climb of 390’ per NM to 1500. Rwy 35, 300-1 1/4 or std. w/min. climb of 261’ per NM to 1100.

DEPARTURE PROCEDURE: Rwy 17, climb heading 167° to 2200 then climbing right turn direct IGN VOR/DME before proceeding on course. Rwy 35, climb heading 347° to 2100 then climbing left turn direct IGN VOR/DME before proceeding on course.

TAKEOFF OBSTACLE NOTES: Rwy 17, trees beginning 156’ from DER, 302’ left of centerline, up to 96’ AGL/779’ MSL. Trees beginning 3213’ from DER, 1350’ left of centerline, up to 100’ AGL/1259’ MSL. Rwy 35, trees beginning 46’ from DER, 341’ right of centerline, up to 94’ AGL/742’ MSL. Building 251’ from DER, 399’ right of centerline, 36’ AGL/695’ MSL. Tower 1254’ from DER, 725’ right of centerline, 88’ AGL/733’ MSL. Trees beginning 1.4 NM from DER, 2762’ right of centerline, up to 100’ AGL/919’ MSL. Trees beginning 407’ from DER, 284’ left of centerline, up to 78’ AGL/665’ MSL. Trees beginning 1.3 NM from DER, 1353’ left of centerline, up to 100’ AGL/919’ MSL.
TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

**ORANGE COUNTY (MGJ)**

**DEPARTURE PROCEDURES**

**ORANGE COUNTY (MGJ)**

**DEPARTURE PROCEDURES**

**AMDT 3 19003 (FAA)**

**TAKEOFF MINIMUMS**

- **Rwy 8**, 300-1 or std. w/min. climb of 335' per NM to 700'. **Rwy 22**, 300-1/2 or std. w/min. climb of 290' per NM to 600. **Rwy 26**, 500-3 w/min. climb of 220' per NM to 1300 or std. w/min. climb of 380' per NM to 900 or 1500-3 for VCOA.

**DEPARTURE PROCEDURE**

- **Rwy 4**, climb on heading 036° to 2100 before proceeding on course. **Rwy 8**, climb on heading 080° to 1100 before turning left. **Rwy 22**, climb on heading 216° to 1000 before proceeding on course. **Rwy 26**, climb on heading 260° to 1000 before turning right.

**VCOA:** **Rwy 26**, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Orange County Airport at or above 1700 before proceeding on course.

**TAKEOFF OBSTACLE NOTES:**

- **Rwy 4**, terrain 23' from DER, 304' left of centerline, 371' MSL. Terrain 24' from DER, 184' left of centerline, 373' MSL. Trees, terrain, vehicles on road, vegetation beginning 32' from DER, 21' right of centerline, up to 410' MSL. Trees, vehicles on road beginning 88' from DER, 39' left of centerline, up to 404' MSL. Tree 699' from DER, 575' left of centerline, 405' MSL. Trees beginning 762' from DER, 490' left of centerline, up to 417' MSL. Tree 1004' from DER, 689' right of centerline, 430' MSL. Tree 1046' from DER, 728' left of centerline, 439' MSL. Trees beginning 1113' from DER, 545' right of centerline, up to 436' MSL. Trees beginning 1171' from DER, 19' left of centerline, up to 101' AGL/442' MSL. Tree 1394 from DER, 454' right of centerline, 438' MSL. Trees beginning 1401' from DER, 104' left of centerline, up to 440' MSL. Trees beginning 1519' from DER, 71' right of centerline, up to 445' MSL. Trees beginning 1720' from DER, 28' right of centerline, up to 446' MSL. Tree 2528' from DER, 101' left of centerline, 446' MSL. Tree 4340' from DER, 904' right of centerline, 482' MSL. **Rwy 8**, tree 259' from DER, 316' right of centerline, 713' MSL. Tree 345' from DER, 373' right of centerline, 76' AGL/455' MSL. Trees beginning 389' from DER, 500' right of centerline, up to 95' AGL/475' MSL. Building 828' from DER, 411' left of centerline, 32' AGL/411' MSL. Tree 967' from DER, 724' left of centerline, 95' AGL/479' MSL. Trees, building, pole beginning 1002' from DER, 331' left of centerline, up to 480' MSL. Tree 4721' from DER, 298' left of centerline, up to 525' MSL. Tree 4727' from DER, 1437' right of centerline, 560' MSL. **Rwy 22**, trees, tower, NAV/AV, wind indicator beginning 65' from DER, 35' right of centerline, up to 408' MSL. Trees beginning 356' from DER, 299' right of centerline, up to 422' MSL. Trees beginning 698' from DER, 434' right of centerline, up to 433' MSL. Tree 1542' from DER, 876' left of centerline, 401' MSL. Tree 1745' from DER, 852' left of centerline, 404' MSL. Tree 1866' from DER, 968' left of centerline, 419' MSL. Tree 2302' from DER, 932' left of centerline, 421' MSL. Trees beginning 2393' from DER, 915' left of centerline, up to 438' MSL. Trees beginning 2517' from DER, 684' right of centerline, up to 436' MSL. Trees beginning 3121' from DER, 1096' right of centerline, up to 438' MSL. Tree 3335' from DER, 722' right of centerline, 77' AGL/448' MSL. Tree 3349' from DER, 747' right of centerline, 453' MSL. Trees beginning 3410' from DER, 567' right of centerline, up to 76' AGL/454' MSL. Trees beginning 3452' from DER, 295' right of centerline, up to 81' AGL/460' MSL. Tree 3500' from DER, 712' right of centerline, 461' MSL.**
TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

MORRISTOWN, NJ (CON’T) MORRISTOWN MUNI (MMU) (CON’T)

Rwy 13 (CON’T), trees beginning 1526’ from DER, 10’ right of centerline, up to 170’ MSL. Trees beginning 1545’ from DER, 127’ left of centerline, up to 265’ MSL. Trees beginning 1666’ from DER, 27’ left of centerline, up to 266’ MSL. Trees beginning 1713’ from DER, 1’ left of centerline, up to 271’ MSL. Trees beginning 2152’ from DER, 124’ left of centerline, up to 94’ AGL/272’ MSL. Trees beginning 2252’ from DER, 19’ left of centerline, up to 273’ MSL. Trees beginning 3269’ from DER, 426’ left of centerline, up to 284’ MSL. Trees beginning 3484’ from DER, 398’ left of centerline, up to 291’ MSL. Trees beginning 3744’ from DER, 33’ right of centerline, up to 91’ AGL/277’ MSL. Tree 4002’ from DER, 328’ right of centerline, 91’ AGL/285’ MSL. Tree 4142’ from DER, 824’ left of centerline, 292’ MSL. Trees beginning 4152’ from DER, 1082’ left of centerline, up to 294’ MSL. Trees beginning 4228’ from DER, 370’ left of centerline, up to 296’ MSL. Tree 4279’ from DER, 289’ right of centerline, 87’ AGL/290’ MSL. Trees beginning 4297’ from DER, 950’ left of centerline, up to 297’ MSL. Tree 4412’ from DER, 520’ right of centerline, 292’ MSL. Tree 4414’ from DER, 632’ right of centerline, 300’ MSL. Tank beginning 1.2 NM from DER, 1783’ right of centerline, up to 135’ AGL/395’ MSL. Rwy 23, light 21’ from DER, 114’ right of centerline, 4’ AGL/184’ MSL. Lighting 21’ from DER, 114’ right of centerline, 4’ AGL/184’ MSL. Trees beginning 58’ from DER, 368’ right of centerline, up to 192’ MSL. Tree 125’ from DER, 287’ left of centerline, 189’ MSL. Trees beginning 140’ from DER, 256’ right of centerline, up to 45’ AGL/221’ MSL. Tree 233’ from DER, 279’ left of centerline, 190’ MSL. Trees beginning 370’ from DER, 499’ left of centerline, up to 47’ AGL/222’ MSL. Trees beginning 438’ from DER, 375’ left of centerline, up to 243’ MSL. Trees beginning 635’ from DER, 542’ right of centerline, up to 64’ AGL/241’ MSL. Trees beginning 859’ from DER, 205’ right of centerline, up to 247’ MSL. Trees beginning 957’ from DER, 19’ right of centerline, 249’ MSL. Trees beginning 1177’ from DER, 667’ left of centerline, up to 248’ MSL. Tree 1381’ from DER, 831’ left of centerline, 252’ MSL. Trees beginning 1406’ from DER, 454’ left of centerline, up to 80’ AGL/257’ MSL. Trees beginning 1467’ from DER, 48’ left of centerline, up to 97’ AGL/275’ MSL. Trees beginning 1517’ from DER, 57’ right of centerline, up to 254’ MSL. Tree 2077’ from DER, 73’ left of centerline, 257’ MSL. Tree 2088’ from DER, 972’ right of centerline, 265’ MSL. Trees beginning 2092’ from DER, 140’ right of centerline, up to 267’ MSL. Trees beginning 2118’ from DER, 16’ right of centerline, up to 96’ AGL/280’ MSL. Trees beginning 2322’ from DER, 29’ right of centerline, up to 286’ MSL. Trees beginning 2330’ from DER, 63’ left of centerline, up to 96’ AGL/279’ MSL. Trees beginning 2369’ from DER, 748’ left of centerline, up to 282’ MSL. Tree, building beginning 2508’ from DER, 153’ right of centerline, up to 292’ MSL. Tree, building beginning 2648’ from DER, 570’ left of centerline, up to 293’ MSL. Tree, building beginning 2721’ from DER, 202’ right of centerline, up to 294’ MSL. Tree, building beginning 3045’ from DER, 36’ right of centerline, up to 319’ MSL. Trees beginning 3186’ from DER, 350’ right of centerline, up to 350’ MSL. Tree, building beginning 3280’ from DER, 180’ right of centerline, up to 370’ MSL. Tree, terrain beginning 3593’ from DER, 552’ right of centerline, up to 378’ MSL. Trees beginning 3645’ from DER, 709’ left of centerline, up to 295’ MSL. Tree, terrain, building beginning 3748’ from DER, 540’ right of centerline, up to 381’ MSL. Trees beginning 4140’ from DER, 1159’ right of centerline, up to 389’ MSL. Tree, pole beginning 4243’ from DER, 933’ right of centerline, up to 397’ MSL. Trees beginning 4352’ from DER, 1063’ right of centerline, up to 412’ MSL. CONT
MORRISTOWN, NJ (CON’T)
MORRISTOWN MUNI (MMU) (CON’T)

Rwy 23 (CON’T), tree, terrain, building, fence, pole, vehicles on road beginning 4391’ from DER, 145’ right of centerline, up to 442' MSL. Tree, building, Trees 4610’ from DER, 27’ left of centerline, 57’ AGL/301’ MSL. Tree 4713’ from DER, 23’ left of centerline, 63’ AGL/311’ MSL. Tree, pole, terrain, building, vehicles on road beginning 5287’ from DER, 55’ right of centerline, up to 460’ MSL. Tree 5420’ from DER, 116’ left of centerline, 72’ AGL/339’ MSL. Tree 5473’ from DER, 210’ left of centerline, 801’ AGL/343’ MSL. Tree, building beginning 5742’ from DER, 5’ left of centerline, up to 81’ AGL/367’ MSL. Tree, vehicles on road, pole, building beginning 6037’ from DER, 26’ right of centerline, up to 462’ MSL. Trees beginning 1 NM from DER, 246’ right of centerline, up to 469’ MSL. Trees beginning 1 NM from DER, 71’ left of centerline, up to 415’ MSL. Trees beginning 1 NM from DER, 44’ right of centerline, up to 470’ MSL. Tree, building beginning 1 NM from DER, 150’ right of centerline, up to 88’ AGL/482’ MSL. Tree, building beginning 1 NM from DER, 1420’ right of centerline, up to 485’ MSL. Tree, pole, building beginning 1 NM from DER, 63’ right of centerline, up to 488’ MSL. Tree, vehicles on road, building, fence beginning 1 NM from DER, 37’ left of centerline, up to 418’ MSL. Tree, building, vehicles on road, terrain, pole, building beginning 1.1 NM from DER, 9’ right of centerline, up to 154’ AGL/529’ MSL. Vertical structure, tree beginning 1.2 NM from DER, 322’ right of centerline, up to 164’ AGL/546’ MSL. Monument, tree, building, pole, vehicles on road, terrain, electrical system, antenna, tower beginning 1.2 NM from DER, 3’ right of centerline, up to 168’ AGL/547’ MSL. Trees beginning 1.3 NM from DER, 21’ left of centerline, up to 448’ MSL. Tree 1.3 NM from DER, 438’ left of centerline, 452’ MSL. Tree, pole beginning 1.3 NM from DER, 61’ left of centerline, up to 462’ MSL. Tree, building beginning 1.3 NM from DER, 35’ left of centerline, up to 468’ MSL. Trees beginning 1.4 NM from DER, 121’ left of centerline, up to 472’ MSL. Tree, building beginning 1.1 NM from DER, 25’ left of centerline, up to 476’ MSL. Tree, building beginning 1.4 NM from DER, 16’ left of centerline, up to 106’ AGL/488’ MSL. Tank, tree, building beginning 1.5 NM from DER, 122’ left of centerline, up to 114’ AGL/491’ MSL. Rwy 31, tree 2’ from DER, 285’ right of centerline, 33’ AGL/213’ MSL. Tree 24’ from DER, 409’ right of centerline, 245’ MSL. Tree 68’ from DER, 506’ right of centerline, 88’ AGL/275’ MSL. Tree, fence beginning 115’ from DER, 232’ right of centerline, up to 90’ AGL/278’ MSL. Tree 205’ from DER, 175’ left of centerline, 16’ AGL/202’ MSL. Tree 274’ from DER, 292’ left of centerline, 40’ AGL/224’ MSL. Tree 292’ from DER, 402’ left of centerline, 52’ AGL/236’ MSL. Trees beginning 298’ from DER, 135’ right of centerline, up to 245’ MSL. Tree, building beginning 475’ from DER, 20’ left of centerline, up to 256’ MSL. Trees beginning 607’ from DER, 218’ right of centerline, up to 289’ MSL. Tree, building beginning 622’ from DER, on centerline, up to 274’ MSL. Trees beginning 708’ from DER, 327’ right of centerline, up to 290’ MSL. Trees beginning 851’ from DER, 303’ right of centerline, up to 309’ MSL. Trees beginning 918’ from DER, 129’ left of centerline, up to 286’ MSL. Trees beginning 978’ from DER, 94’ right of centerline, up to 325’ MSL.
TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

NEW YORK, NY (CON’T)

JOHN F KENNEDY INTL (JFK)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 9 15288 (FAA)

TAKEOFF MINIMUMS: Rwy 31L, std. w/min. climb of 250’ per NM to 2400. Rwy 31R, std. w/min. climb of 230’ per NM to 2400.

TAKEOFF OBSTACLE NOTES: Rwy 4L, fence and light poles beginning 94’ from DER, 466’ right of centerline, up to 7’ AGL/22’ MSL. Localizer 204’ from DER, on centerline, 6’ AGL/21’ MSL. Tower, light poles, utility poles, fence, and building beginning 212’ from DER, left and right of centerline, up to 15’ AGL/28’ MSL. Trees beginning 400’ from DER, 765’ right of centerline, up to 79’ AGL/92’ MSL. Trees beginning 77’ from DER, 655’ left of centerline, up to 74’ AGL/87’ MSL. Rwy 4R, lights beginning 6’ from DER, 4’ right of centerline, up to 2’ AGL/13’ MSL. Lights beginning 6’ from DER, 5’ left of centerline, up to 2’ AGL/13’ MSL. Lights 10’ from DER, on centerline, 2’ AGL/13’ MSL. Trees beginning 493’ from DER, 468’ right of centerline, up to 34’ AGL/48’ MSL. Trees beginning 1757’ from DER, 626’ right of centerline, up to 57’ AGL/66’ MSL. Trees beginning 1274’ from DER, 477’ left of centerline, up to 73’ AGL/76’ MSL. Rwy 13L, sign and lights beginning 2’ from DER, 2’ right of centerline, up to 3’ AGL/14’ MSL. Lights 11’ from DER, on centerline, 2’ AGL/13’ MSL. Sign, electrical equipment, and lights beginning 11’ from DER, 3’ left of centerline, up to 3’ AGL/14’ MSL. Pole and sign beginning 254’ from DER, 523’ right of centerline, up to 9’ AGL/20’ MSL. Rod 1119’ from DER, 140’ left of centerline, 39’ AGL/58’ MSL. Trees beginning 1774’ from DER, 1’ right of centerline, up to 72’ AGL/91’ MSL. Rwy 13R, lights beginning 4’ from DER, 40’ right of centerline, up to 3’ AGL/14’ MSL. Lights beginning 4’ from DER, 15’ left of centerline, up to 3’ AGL/14’ MSL. Buildings, tower, and glideslope antenna beginning 418’ from DER, 404’ left of centerline, up to 39’ AGL/58’ MSL. Transmission towers beginning 4749’ from DER, 1385’ right of centerline, up to 139’ AGL/140’ MSL. Rwy 22L, lights beginning 3’ from DER, 4’ left of centerline, up to 2’ AGL/13’ MSL. Lights beginning 4’ from DER, 5’ right of centerline, up to 2’ AGL/13’ MSL. Lights 5’ from DER, on centerline, 2’ AGL/13’ MSL. Trees beginning 433’ from DER, 578’ left of centerline, up to 27’ AGL/31’ MSL. Rwy 22R, lights beginning abeam DER, 55’ right of centerline, up to 2’ AGL/13’ MSL. Fence, lights, and bushes beginning abeam DER, 54’ left of centerline, up to 8’ AGL/19’ MSL. Rwy 31L, lights beginning 9’ from DER, 80’ right of centerline, up to 3’ AGL/14’ MSL. Lights beginning 10’ from DER, 80’ left of centerline, up to 2’ AGL/13’ MSL. Trees 2075’ from DER, 435’ left of centerline, up to 87’ AGL/91’ MSL. Rwy 31R, lights beginning 8’ from DER, 3’ left of centerline, up to 2’ AGL/13’ MSL. Lights 10’ from DER, on centerline, 2’ AGL/13’ MSL. Lights beginning 10’ from DER, 3’ right of centerline, up to 2’ AGL/13’ MSL. Electrical system, electrical box, and lights beginning 101’ from DER, on centerline, and left and right of centerline, up to 7’ AGL/18’ MSL. Approach lights beginning 200’ from DER, on centerline, up to 9’ AGL/27’ MSL. Fences, lights, and poles beginning 146’ from DER, 115’ left of centerline, up to 19’ AGL/30’ MSL. Lights and trees beginning 553’ from DER, 191’ right of centerline, up to 34’ AGL/48’ MSL. Lights and poles beginning 1443’ from DER, 334’ left of centerline, up to 55’ AGL/67’ MSL. Pole 2162’ from DER, 562’ right of centerline, 54’ AGL/66’ MSL. Antenna 3916’ from DER, 1550’ right of centerline, 111’ AGL/130’ MSL.
DEPARTURE PROCEDURES: Rwy 6, heading 134° to 1000 prior to proceeding westbound.

TAKEOFF MINIMUMS:

- stack 1.2 NM from DER, 2015' left of NAVAID, and trees beginning 109' from DER, 138' right 72' AGL/101' MSL. Blast fence, fence, stack on building, beginning 165' from DER, 150' left of centerline, up to 48' AGL/345' MSL.
- Building 1.9 NM from DER, 758' right of centerline, 280' 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, building 1278' from DER, 169' left of centerline, 45' AGL/121' MSL. Buildings and trees beginning 165' from DER, 150' left of centerline, up to 72' AGL/101' MSL. Blast fence, fence, stack on building, NAV/AID, 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.

LONG ISLAND MAC ARTHUR (ISP) (CON’T)

DEPARTURE PROCEDURES

TAKEOFF OBSTACLE NOTES: Rwy 13, building 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, building 1278' from DER, 169' left of centerline, 45' AGL/121' MSL. Buildings and trees beginning 165' from DER, 150' left of centerline, up to 72' AGL/101' MSL. Blast fence, fence, stack on building, NAV/AID, 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.

LONG ISLAND MAC ARTHUR (ISP) (CON’T)

DEPARTURE PROCEDURES

TAKEOFF OBSTACLE NOTES: Rwy 13, building 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, building 1278' from DER, 169' left of centerline, 45' AGL/121' MSL. Buildings and trees beginning 165' from DER, 150' left of centerline, up to 72' AGL/101' MSL. Blast fence, fence, stack on building, NAV/AID, 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) (CON’T)

Rwy 33L (CON’T), trees beginning 1740’ from DER, 6’ left of centerline, up to 63’ AGL/166’ MSL. Trees beginning 1948’ from DER, 27’ right of centerline, up to 59’ AGL/166’ MSL. Trees beginning 2023’ from DER, 13’ left of centerline, up to 64’ AGL/168’ MSL. Trees beginning 2055’ from DER, 5’ right of centerline, up to 69’ AGL/174’ MSL. Trees beginning 2075’ from DER, 26’ left of centerline, up to 65’ AGL/169’ MSL. Trees beginning 2186’ from DER, 34’ left of centerline, up to 68’ AGL/172’ MSL. Trees beginning 2791’ from DER, 30’ right of centerline, up to 178’ MSL. Trees beginning 2796’ from DER, 362’ right of centerline, up to 180’ MSL. Trees beginning 2893’ from DER, 316’ right of centerline, up to 75’ AGL/181’ MSL. Tree 2977’ from DER, 1203’ left of centerline, 173’ MSL. Tree 3173’ from DER, 30’ left of centerline, 83’ AGL/188’ MSL. Tree 3370’ from DER, 114’ right of centerline, 78’ AGL/185’ MSL. Rwy 33R, tower 324’ from DER, 483’ right of centerline, 28’ AGL/118’ MSL. NAVIAD 325’ from DER, 484’ right of centerline, 125’ MSL. NAVIAD, pole beginning 725’ from DER, 582’ left of centerline, up to 114’ MSL. Trees beginning 761’ from DER, 14’ right of centerline, up to 130’ MSL. Tree 785’ from DER, 166’ left of centerline, 117’ MSL. Trees beginning 796’ from DER, 63’ left of centerline, up to 118’ MSL. Trees beginning 800’ from DER, 34’ right of centerline, up to 138’ MSL. Trees beginning 808’ from DER, 164’ left of centerline, up to 121’ MSL. Trees beginning 824’ from DER, 19’ left of centerline, up to 128’ MSL. Trees beginning 829’ from DER, 21’ right of centerline, up to 139’ MSL. Trees beginning 862’ from DER, on centerline, up to 140’ MSL. Trees beginning 960’ from DER, 47’ right of centerline, up to 96’ MSL. Trees beginning 970’ from DER, 40’ right of centerline, up to 141’ MSL. Trees beginning 993’ from DER, 6’ left of centerline, up to 133’ MSL. Trees beginning 1014’ from DER, 4’ right of centerline, up to 146’ MSL. Trees beginning 1277’ from DER, 16’ left of centerline, up to 136’ MSL. Trees beginning 1463’ from DER, 30’ left of centerline, up to 136’ MSL. Trees beginning 1504’ from DER, 40’ left of centerline, up to 142’ MSL. Trees beginning 1527’ from DER, 4’ left of centerline, up to 143’ MSL. Trees beginning 1969’ from DER, 42’ left of centerline, up to 144’ MSL. Trees beginning 2152’ from DER, 4’ left of centerline, up to 145’ MSL. Tree 2157’ from DER, 196’ left of centerline, 146’ MSL. Trees beginning 2199’ from DER, 189’ left of centerline, up to 147’ MSL. Tower 2995’ from DER, 79’ right of centerline, 108’ AGL/209’ MSL.

NEW YORK, NY (CON’T)
STEWART INTL (SWF)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 6A 16259 (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.
TAKEOFF OBSTACLE NOTES: 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/555’ 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/505’ 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.

WEST 30TH ST (JRA)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 1 17117 (FAA)
DEPARTURE PROCEDURE: Use JEDIL DEPARTURE.
TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

NEWARK, NJ
NEWARK LIBERTY INTL (EWR)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
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.
TAKEOFF OBSTACLE NOTES: 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 64’ 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 92’ from DER, 2’ left of centerline, up to 49’ AGL/69’ MSL. Building 213’ from DER, 213’ right of centerline, up to 37’ AGL/50’ MSL. Trees beginning 408’ from DER, 408’ 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. Trees and multiple signs begin 869’ 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/326’ MSL.

NIAGARA FALLS, NY
NIAGARA FALLS INTL (IAG)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
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.
TAKEOFF OBSTACLE NOTES: Rwy 6, tree 1737’ from DER, 308’ left of centerline, 60’ AGL/64’ MSL. Rwy 28L, trees beginning 1668’ from DER, 244’ right of centerline, up to 74’ AGL/65’ MSL. Trees and poles beginning 1337’ from DER, 62’ left of centerline, up to 63’ AGL/64’ MSL. Bush 625’ from DER, 172’ right of centerline, 26’ AGL/61’ MSL. Rwy 28R, trees beginning 866’ from DER, 105’ right of centerline, up to 100’ AGL/690’ MSL. Trees beginning 833’ from DER, 321’ left of centerline, up to 87’ AGL/66’ MSL.

NORWICH, NY
LT WARREN EATON (OIC)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 4 15288 (FAA)
TAKEOFF MINIMUMS: Rwy 1, 700-3 w/min. climb of 325’ to 2300 or std. w/min. climb of 495’ per NM to 1900 or 1600-3 for climb in visual conditions. Rwy 19, 700-3 w/min. climb of 270’ per NM to 2100 or std. w/min. climb of 804’ per NM to 1900 or 1600-3 for climb in visual conditions.
DEPARTURE PROCEDURE: Rwy 1, climb heading 014° to 2200 before proceeding on course. Rwy 19, climb heading 194° to 2100 before proceeding on course. VCOA: Rwys 1,19, obtain ATC approval for the specified visual conditions when requesting IFR clearance. Climb in visual conditions to cross LT Warren Eaton airport at or above 2500 before proceeding on course.
TAKEOFF OBSTACLE NOTES: Rwy 1, vehicles on roadway beginning 22’ from DER, 128’ left of centerline, up to 15’ AGL/1034’ MSL. Trees beginning 96’ from DER, 303’ left of centerline, up to 44’ AGL/1063’ MSL. Trees beginning 339’ from DER, 211’ right of centerline, up to 63’ AGL/1082’ MSL. Rising terrain and trees beginning 1005’ from DER, 10’ left of centerline, up to 91’ AGL/1159’ MSL. Trees and poles beginning 492’ from DER, 24’ right of centerline, up to 91’ AGL/1099’ MSL. Rising terrain and trees beginning 5954’ from DER, 1482’ right of centerline, up to 88’ AGL/1685’ MSL. Trees and buildings beginning 1.9 miles from DER, 1920’ right of centerline, up to 88’ AGL/1669’ MSL. Rising terrain and trees beginning 2 NM from DER, 1981’ right of centerline, up to 84’ AGL/1685’ MSL. Trees beginning 2.6 NM from DER, 2230’ right of centerline, up to 110’ AGL/1651’ MSL. Rwy 19, trees and poles beginning 49’ from DER, 30’ left of centerline, up to 59’ AGL/1060’ MSL. Fence 77’ from DER, 1999’ right of centerline, 9’ AGL/1025’ MSL. Trees and poles beginning 387’ from DER, 8’ right of centerline, up to 64’ AGL/1065’ MSL. Trees, poles, and buildings beginning 1057’ from DER, 78’ right of centerline, up to 76’ AGL/1197’ MSL. Trees beginning 1571’ from DER, 6’ left of centerline, up to 87’ AGL/1088’ MSL. Vehicles on roadway beginning 1862’ from DER, 448’ right of centerline, up to 173’ AGL/1076’ MSL. Rising terrain, trees and buildings beginning 2126’ from DER, 75’ right of centerline, up to 67’ AGL/1273’ MSL. Trees 2370’ from DER, 982’ right of centerline, up to 100’ AGL/1252’ MSL. Trees beginning 1.6 NM from DER, 1188’ right of centerline, up to 101’ AGL/1626’ MSL. Trees beginning 2.9 NM from DER, 3581’ right of centerline, up to 85’ AGL/1126’ MSL. Trees beginning 2.8 NM from DER, 1188’ right of centerline, up to 120’ AGL/1581’ MSL. Rising terrain and trees beginning 3.2 NM from DER, 2666’ right of centerline, up to 98’ AGL/1819’ MSL.
OGDENSBURG, NY
OGDENSBURG INTL (OGS)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 2 16259 (FAA)
TAKEOFF OBSTACLE NOTES: Rw 09, tree 314’ from DER, 483’ left of centerline, 37’ AGL/344’ MSL. Trees, beginning 878’ from DER, 741’ left of centerline, up to 58’ AGL/373’ MSL. Pole 1048’ from DER, 741’ right of centerline, 39’ AGL/344’ MSL. Trees, beginning 1153’ from DER, 147’ right of centerline, up to 69’ AGL/366’ MSL. Rw 27, sign 6’ from DER, 394’ left of centerline, 3’ AGL/288’ MSL. Vegetation, terrain, beginning 47’ from DER, 313’ right of centerline, up to 75’ AGL/353’ MSL. Trees, beginning 698’ from DER, 150’ left of centerline, up to 354’ MSL. Tree 4155’ from DER, 150’ left of centerline, 354’ MSL.

ONEONTA, NY
ONEONTA MUNI (N66)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 1 15288 (FAA)
TAKEOFF MINIMUMS: Rw 6, 300-1¼ or std. w/min. climb of 308’ per NM to 2000.
TAKEOFF OBSTACLE NOTES: Rw 6, pole 1’ from DER, 319’ left of centerline, 16’ AGL/1775’ MSL. Fence 207’ from DER, 267’ left of centerline, 12’ AGL/1765’ MSL. Tree 182’ from DER, 401’ right of centerline, 85’ AGL/1787’ MSL. Trees beginning 392’ from DER, 105’ left of centerline, up to 85’ AGL/1788’ MSL. Trees beginning 410’ from DER, 434’ right of centerline, up to 85’ AGL/1798’ MSL. Trees beginning 1678’ from DER, 354’ left of centerline, up to 85’ AGL/1944’ MSL. Trees beginning 1675’ from DER, 188’ right of centerline, up to 85’ AGL/1829’ MSL. Trees beginning 2703’ from DER, 190’ left of centerline, up to 85’ AGL/1870’ MSL. Trees beginning 2385’ from DER, 450’ right of centerline, up to 85’ AGL/1852’ MSL. Trees beginning 4715’ from DER, 152’ right of centerline, up to 85’ AGL/1940’ MSL. Rw 24, bush 196’ from DER, 203’ left of centerline, 6’ AGL/1775’ MSL. Road 209’ from DER, 373’ left of centerline, 1779’ MSL. Fence 312’ from DER, 343’ left of centerline, 2’ AGL/1771’ MSL. Trees beginning 83’ from DER, 396’ left of centerline, up to 90’ AGL/1859’ MSL. Trees beginning 53’ from DER, 173’ right of centerline, up to 90’ AGL/1846’ MSL.

OLD BRIDGE, NJ
OLD BRIDGE (3N6)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 1 09239 (FAA)
TAKEOFF MINIMUMS: Rw 24, 300-2½ or std. w/min. climb of 223’ per NM to 400.
TAKEOFF OBSTACLE NOTES: Rw 6, trees beginning 49’ from DER, 4’ left and right of centerline, up to 100’ AGL/299’ MSL. Rw 27, trees beginning 121’ from DER, 62’ right of centerline, up to 69’ AGL/350’ MSL. Trees, beginning 997’ from DER, 313’ right of centerline, up to 354’ MSL. Tree 4155’ from DER, 269’ left of centerline, 390’ MSL.

OLEAN, NY
CATTARAUGUS COUNTY-OLEAN (OLE)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 3A 19059 (FAA)
TAKEOFF MINIMUMS: Rwys 16, 34, NA-Environmental.
TAKEOFF OBSTACLE NOTES: Rw 4, trees beginning 41’ from DER, 328’ right of centerline, up to 2130’ MSL. Tree 981’ from DER, 577’ left of centerline, 69’ AGL/2154’ MSL. Tree 1262’ from DER, 764’ left of centerline, 2156’ MSL. Tree 1754’ from DER, 905’ left of centerline, 2184’ MSL. Trees beginning 1902’ from DER, 906’ left of centerline, up to 2189’ MSL. Rw 22, trees beginning 26’ from DER, 65’ left of centerline, up to 2188’ MSL.

PEDRICKTOWN, NJ
SPITFIRE AERODROME (7N7)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 1 11293 (FAA)
TAKEOFF MINIMUMS: Rw 25, NA-obstacles.
DEPARTURE PROCEDURE: Rw 7, climb heading 074° to 800 before turning right.
TAKEOFF OBSTACLE NOTES: Rw 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.
TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

PENN YAN, NY
PENN YAN (PEO)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 5 18312 (FAA)
TAKEOFF MINIMUMS: Rwy 19, std. w/min. climb 275' per NM to 2000, or 1100-2% for climb in visual conditions. Rwy 28, std. w/min. climb 440' per NM to 1600, or 1100-2% for climb in visual conditions.
DEPARTURE PROCEDURE: Rwy 1, climb on heading 009° to 1500 before turning left.
VCOA: Rwy 19, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Penn Yan Airport at or above 1900 before proceeding on course. Rwy 28, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Penn Yan Airport at or above 1900 before proceeding on course.
TAKEOFF OBSTACLE NOTES: Rwy 1, aircraft on taxiway 35' from DER, 300' left of centerline, up to 23' AGL/942' MSL. Tree 1051' from DER, 760' right of centerline, 943' MSL. Rwy 10, trees 69' from DER, 245' right of centerline, 100' AGL/979' MSL. Fence 25' from DER, on centerline, 8' AGL/907' MSL. Berm 28' from DER, on centerline, 10' AGL/929' MSL. Trees 43' from DER, 78' left of centerline, 100' AGL/999' MSL. Vehicles on road 156' from DER, 6' left of centerline, 15' AGL/914' MSL. Vehicles on road 183' from DER, 33' right of centerline, 15' AGL/914' MSL. Building centerline, 15' AGL/914' MSL. Trees beginning 248' from DER, 48' left of centerline, up to 30' AGL/949' MSL. Light poles beginning 308' from DER, 25' right of centerline, 16' AGL/927' MSL. Tree 543' from DER, 170' left of centerline, 100' AGL/1019' MSL. Buildings beginning 565' from DER, 94' left of centerline, 30' AGL/949' MSL. Trees 573' from DER, 187' left of centerline, 100' AGL/1019' MSL. Power lines 1200' from DER, crossing centerline, 40' AGL/959' MSL. Rwy 19, aircraft on taxiway 24' from DER, 261' right of centerline, up to 23' AGL/1022' MSL. Ground beginning 124' from DER, 479' right of centerline, up to 996' MSL. Fence 348' from DER, 398' right of centerline, 2' AGL/1001' MSL. Ground 460' from DER, 590' right of centerline, 100' AGL/1030' MSL. Fence 483' from DER, 388' right of centerline, 3' AGL/1006' MSL. Fence 606' from DER, 398' right of centerline, 7' AGL/10110' MSL. Ground beginning 631' from DER, 459' right of centerline, up to 1027' MSL. Trees beginning 1439' from DER, 673' right of centerline, up to 1087' MSL. Trees beginning 1886' from DER, on centerline, up to 95' AGL/1110' MSL. Tree 2238' from DER, 656' left of centerline, 1045' MSL. Trees beginning 2242' from DER, 540' left of centerline, up to 1107' MSL. Tree 2422' from DER, 116' left of centerline, up to 1111' MSL. Tower 5844' from DER, 335' right of centerline, 122' AGL/1136' MSL. Trees beginning 1.6 NM from DER, 3037' left of centerline, 100' AGL/1242' MSL. Trees 1.7 NM from DER, 2781' left of centerline, 100' AGL/1265' MSL. Trees beginning 1.8 NM from DER, 2748' left of centerline, up to 100' AGL/1291' MSL. Trees, transmission lines beginning 1.9 nm from DER, 2939' left of centerline, up to 100' AGL/1350' MSL. Trees, transmission lines beginning 2 NM from DER, 2907' left of centerline, up to 100' AGL/1396' MSL. Trees, transmission lines beginning 2.1 NM from DER, 3098' left of centerline, up to 100' AGL/1419' MSL. Trees, transmission lines, building beginning 2.2 NM from DER, 3065' left of centerline, up to 100' AGL/1452' MSL. Trees beginning 2.5 NM from DER, 71' left of centerline, up to 100' AGL/1465' MSL.

PENN YAN, NY (CON’T)
PENN YAN (PEO) (CON’T)
Rwy 28, trees 111' from DER, 15' right of centerline, up to 100' AGL/1939' 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. Vehicles on ramp 20' from DER, on centerline, up to 15' AGL/874' MSL. Hangars and buildings 76' from DER, 63' right of centerline, up to 30' AGL/869' MSL.

PISECO, NY
PISECO (K09)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
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.
TAKEOFF OBSTACLE NOTES: 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.

PITTS TOWN, NJ
ALEXANDRIA (N85)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 2 14149 (FAA)
TAKEOFF MINIMUMS: Rwy 8, 400-1/2 or std. w/min. climb of 479' per NM to 1000. Rwy 31, 400-2/3 or std. w/min. climb of 226' per NM to 900.
TAKEOFF OBSTACLE NOTES: Rwy 8, trees beginning 192' from DER, 238' right of centerline, up to 70' AGL/569' MSL. Trees beginning 591' from DER, 279' left of centerline, up to 70' AGL/629' MSL. Rwy 13, trees beginning 205' from DER, 347' left of centerline, up to 70' AGL/569' MSL.

SKY MANOR (N40)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 2 12152 (FAA)
TAKEOFF OBSTACLE NOTES: 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 100' AGL/574' MSL. Trees beginning 1965' from DER, 139' right of centerline, up to 100' AGL/695' MSL. Trees beginning 2261' from DER, 961' left of centerline, up to 100' AGL/695' MSL.
TAKING OFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND
DIVERSE VECTOR AREA (RADAR VECTORS)

PLATTSBURGH, NY

PLATTSBURGH INTL (PBG)

TAKING OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

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

TAKEOFF OBSTACLE NOTES: Rw 17, trees 1844' from DER, 966' right of centerline, 87' AGL/237' MSL. Tree 2289' from DER, 937' left of centerline, 75' AGL/222' MSL. Rw 35, numerous trees beginning 1002' 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)

TAKING OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 09295 (FAA)

TAKING OFF OBSTACLE NOTES: Rw 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. Rw 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/599' MSL.

POUGHKEEPSIE, NY

HUDSON VALLEY RGNL (POU)

TAKING OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2A 17173 (FAA)

TAKING OFF MINIMUMS: Rwys 7, 25, NA - VFR only. Rw 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. Rw 15, 400-2½ or std. w/min. climb of 370' per NM to 700. Rw 33, 300-1½ or std. w/min. climb of 270' per NM to 500.

DEPARTURE PROCEDURE: Rw 6, climb heading 063° to 2000 before proceeding on course. Rw 15, climbing left turn direct IGLN VOR/DME to 1400 before proceeding on course. Rw 24, climb heading 243° to 1800 before proceeding on course. Rw 33, climbing right turn direct IGLN VOR/DME then on IGN R-070 to 2200 before proceeding on course.

VCOA: Rw 6, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Hudson Valley Rgnl Airport at or above 1700 before proceeding on course.

TAKEOFF OBSTACLE NOTES: Rw 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 76' AGL/557' MSL.

POUGHKEEPSIE, NY (CON’T)

HUDSON VALLEY RGNL (POU) (CON’T)

Rw 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. Rw 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. Rw 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.
PRINCETON/ROCKY HILL, NJ
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 3 14149 (FAA)
TAKEOFF MINIMUMS: RwY 10, 400-2½ or std. w/min. climb of 310' per NM to 700'.
DEPARTURE PROCEDURE: RwY 10, climb heading 102° to 800 before turning left.
TAKEOFF OBSTACLE NOTES: RwY 10, trees beginning 35' from DER, 300' left of centerline, up to 21' AGL/159' MSL. Vehicles on road, buildings, signs, poles, transmission line tower and trees beginning 389' from DER, 3' left of centerline, up to 34' AGL/223' MSL. Trees and trees beginning 1463' from DER, 19' left of centerline, up to 130' AGL/270' MSL. Towers and trees beginning 1.5 NM from DER, 938' left of centerline, up to 208' AGL/496' MSL. Vehicles on road, building, poles and trees beginning 277' from DER, 16' right of centerline, up to 23' AGL/151' MSL. Vehicles on road, buildings, poles and trees beginning 491' from DER, 6' right of centerline, up to 36' AGL/180' MSL. Tree 1.6 NM from DER, 7' right of centerline, 88' AGL/368' MSL. RwY 28, vehicles on road and trees beginning 86' from DER, 104' right of centerline, up to 27' AGL/140' MSL. Trees 315' from DER, 506' right of centerline, 43' AGL/160' MSL. Trees and building beginning 17' from DER, 249' left of centerline, up to 25' AGL/139' MSL. Trees beginning 560' from DER, 73' left of centerline, up to 91' AGL/203' MSL.

ROBBINSVILLE, NJ
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 2A 15288 (FAA)
TAKEOFF MINIMUMS: RwY 29, 300-1 or std. w/min. climb of 421' per NM to 800'.
DEPARTURE PROCEDURE: RwY 29, climb heading 289° to 800 before turning right.
TAKEOFF OBSTACLE NOTES: RwY 11, trees beginning 39' from DER, 267' right of centerline, up to 87' AGL/198' MSL. Vehicles on roadway beginning 49' from DER, left and right of centerline, up to 17' AGL/132' MSL.

ROBBINSVILLE, NJ (CON’T)
TRENTON-ROBBINSVILLE (N87) (CON’T)
RwY 11 (CON’T), trees beginning 105' from DER, left and right of centerline, up to 90' AGL/202' MSL. Building 789' from DER, 521' left of centerline, 32' AGL/148' MSL. Trees beginning 834' from DER, left and right of centerline, up to 120' AGL/259' MSL. Tower 4577' from DER, 1402' right of centerline, 116' AGL/256' MSL. RwY 29, rising terrain, vehicles on roadway and trees beginning 37' from DER, 22' left of centerline, up to 77' AGL/198' MSL. Vehicles on roadway, poles and trees beginning 50' from DER, 5' right of centerline, up to 68' AGL/187' MSL. Rising terrain, buildings, poles and trees beginning 761' from DER, 12' left of centerline, up to 105' AGL/230' MSL. Towers beginning 4909' from DER, 589' right of centerline, up to 167' AGL/297' MSL.

ROCHESTER, NY
GREATER ROCHESTER INTL (ROC)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 8 14093 (FAA)
TAKEOFF MINIMUMS: RwY 7, 300-1½ 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. RwY 10, std. w/min. climb of 250' per NM to 900 or 1000-2½ for climb in visual conditions. RwY 22, 400-2½ or std. w/min. climb of 240' per NM to 1100. DEPARTURE PROCEDURE: RwY 4, climb heading 044° 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. When executing VCOA, notify ATC prior to departure.
TAKEOFF OBSTACLE NOTES: RwY 4, dome 2081' from DER, 532' left of centerline, 53' AGL/612' MSL. RwY 25, dome 1806' from DER, 817' right of centerline, 60' AGL/611' MSL. RwY 7, 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 93' AGL/622' MSL. RwY 10, dome 1.1 NM from DER, 1543' left of centerline, 213' AGL/756' MSL. Trees beginning 743' from DER, 248' left of centerline, up to 100' AGL/636' MSL. Tree beginning 2676' from DER, 112' right of centerline, up to 85' AGL/616' MSL. Pole 950' from DER, 655' right of centerline, 41' AGL/570' MSL. RwY 22, tower 2.2 NM from DER, 3550' right of centerline, 412' AGL/934' MSL. Tree 1997' from DER, 832' right of centerline, up to 63' AGL/587' MSL. Tower 3026' from DER, 935' left of centerline, 105' AGL/621' MSL. RwY 26, transmission line tower 1523' from DER, 819' left of centerline, 61' AGL/592' MSL. Poles beginning 1655' from DER, 330' left of centerline, up to 82' AGL/617' MSL. RwY 28, railroad beginning 326' from DER, 539' right of centerline, 23' AGL/574' MSL. Transmission line towers beginning 1239' from DER, 253' left of centerline, up to 75' AGL/614' MSL. Trees beginning 807' from DER, 148' left of centerline, up to 87' AGL/626' MSL. Trees beginning 887' from DER, 113' right of centerline, up to 91' AGL/632' MSL.
TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

ROME, NY
GRIFFISS INTL (RME)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 1A 19003 (FAA)
DEPARTURE PROCEDURE:  Rwy 15, climb heading 147° to 1000 before turning left.  Rwy 33, climb heading 327° to 1500 before turning right.
TAKEOFF OBSTACLE NOTES:  Rwy 15, pole 9' from DER, 4' right of centerline, 1' AGL/499' MSL.  Tree 1991' from DER, 966' left of centerline, 573' MSL.  Trees beginning 2068' from DER, 934' left of centerline, up to 587' MSL.  Trees beginning 2223' from DER, 538' left of centerline, up to 593' MSL.  Tree 5558' from DER, 1957' left of centerline, 640' MSL.

Rome, NY (CON’T)
ADIRONDACK RGNL (SLK) (CON’T)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 8 18172 (FAA)
TAKEOFF MINIMUMS:  Rwy 5, std. w/min. climb of 345' per NM to 5000 or 2500 - 3 for VCOA.  Rwy 9, std. w/min. climb of 500' per NM to 5000 or 2500 - 3 for VCOA.  Rwy 23, std. w/min. climb of 316' per NM to 4800 or 2500 - 3 for VCOA.
DEPARTURE PROCEDURE:  Rwy 5, climb heading 049° to 4000 before proceeding on course.  Rwy 9, climb heading 072° to 5000 before proceeding on course.  Rwy 23, climb heading 229° to 3000 before proceeding on course.  Rwy 27, climb heading 273° to 3100 before proceeding on course.
VCOA:  Rwy 5, 9, 23, obtain ATC approval for VCOA when requesting IFR clearance.  Climb in visual conditions to cross Adirondack Regional airport at or above 4000, before proceeding on course.
TAKEOFF OBSTACLE NOTES:  Rwy 5, traverse way 177' from DER, 20' left of centerline, 1673' MSL.  Tree 1421' from DER, 356' right of centerline, 41' AGL/1703' MSL.  Tree 1549' from DER, 854' right of centerline, 1712' MSL.  Trees beginning 1594' from DER, 888' left of centerline, up to 72' AGL/1735' MSL.  Trees beginning 1655' from DER, 914' right of centerline, up to 1725' MSL.  Tree 1778' from DER, 960' right of centerline, 1729' MSL.  Trees beginning 2417' from DER, 916' left of centerline, up to 1741' MSL.  Tree 2761' from DER, 1235' right of centerline, 1734' MSL.  Trees beginning 2772' from DER, 46' left of centerline, up to 1750' MSL.  Trees beginning 2820' from DER, 267' right of centerline, up to 1735' MSL.  Trees beginning 3104' from DER, 106' left of centerline, up to 1754' MSL.  Tree 3176' from DER, 54' right of centerline, 1747' MSL.  Trees beginning 3234' from DER, 789' left of centerline, up to 1756' MSL.  Tree 3344' from DER, 34' right of centerline, 1751' MSL.
Rwy 9, terrain 61' from DER, 421' left of centerline, 1643' MSL.  Tree 100' from DER, 341' left of centerline, 31' AGL/1662' MSL.  Tree, vegetation beginning 175' from DER, 240' left of centerline, up to 1683' MSL.  Vegetation 247' from DER, 297' right of centerline, 25' AGL/1649' MSL.  Trees beginning 421' from DER, 433' left of centerline, up to 58' AGL/1698' MSL.  Trees beginning 637' from DER, 396' right of centerline, up to 1680' MSL.  Trees beginning 684' from DER, 427' left of centerline, up to 1699' MSL.  Trees beginning 690' from DER, 381' right of centerline, up to 1681' MSL.

SARANAC LAKE, NY
ADIRONDACK RGNL (SLK)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 8 18172 (FAA)
TAKEOFF MINIMUMS:  Rwy 5, std. w/min. climb of 345' per NM to 5000 or 2500 - 3 for VCOA.  Rwy 9, std. w/min. climb of 500' per NM to 5000 or 2500 - 3 for VCOA.  Rwy 23, std. w/min. climb of 316' per NM to 4800 or 2500 - 3 for VCOA.
DEPARTURE PROCEDURE:  Rwy 5, climb heading 049° to 4000 before proceeding on course.  Rwy 9, climb heading 072° to 5000 before proceeding on course.  Rwy 23, climb heading 229° to 3000 before proceeding on course.  Rwy 27, climb heading 273° to 3100 before proceeding on course.
VCOA:  Rwy 5, 9, 23, obtain ATC approval for VCOA when requesting IFR clearance.  Climb in visual conditions to cross Adirondack Regional airport at or above 4000, before proceeding on course.
TAKEOFF OBSTACLE NOTES:  Rwy 5, traverse way 177' from DER, 20' left of centerline, 1673' MSL.  Tree 1421' from DER, 356' right of centerline, 41' AGL/1703' MSL.  Tree 1549' from DER, 854' right of centerline, 1712' MSL.  Trees beginning 1594' from DER, 888' left of centerline, up to 72' AGL/1735' MSL.  Trees beginning 1655' from DER, 914' right of centerline, up to 1725' MSL.  Tree 1778' from DER, 960' right of centerline, 1729' MSL.  Trees beginning 2417' from DER, 916' left of centerline, up to 1741' MSL.  Tree 2761' from DER, 1235' right of centerline, 1734' MSL.  Trees beginning 2772' from DER, 46' left of centerline, up to 1750' MSL.  Trees beginning 2820' from DER, 267' right of centerline, up to 1735' MSL.  Trees beginning 3104' from DER, 106' left of centerline, up to 1754' MSL.  Tree 3176' from DER, 54' right of centerline, 1747' MSL.  Trees beginning 3234' from DER, 789' left of centerline, up to 1756' MSL.  Tree 3344' from DER, 34' right of centerline, 1751' MSL.
Rwy 9, terrain 61' from DER, 421' left of centerline, 1643' MSL.  Tree 100' from DER, 341' left of centerline, 31' AGL/1662' MSL.  Tree, vegetation beginning 175' from DER, 240' left of centerline, up to 1683' MSL.  Vegetation 247' from DER, 297' right of centerline, 25' AGL/1649' MSL.  Trees beginning 421' from DER, 433' left of centerline, up to 58' AGL/1698' MSL.  Trees beginning 637' from DER, 396' right of centerline, up to 1680' MSL.  Trees beginning 684' from DER, 427' left of centerline, up to 1699' MSL.  Trees beginning 690' from DER, 381' right of centerline, up to 1681' MSL.
SARATOGA SPRINGS, NY
SARATOGA COUNTY (SB2)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 4 13122 (FAA)
TAKEOFF MINIMUMS: Rw 32, std. w/min. climb of 320’ per NM to 2700 or 1500-2½ for climb in visual conditions.
DEPARTURE PROCEDURE: Rw 5, climb heading 053° to 1600 before proceeding on course. Rw 14, climb heading 143° to 1100 before proceeding on course. Rw 32, for climb in visual conditions, cross Saratoga County Airport at or above 1800 before proceeding on course.
TAKEOFF OBSTACLE NOTES: Rw 5, trees beginning 111’ from DER, 521’ left of centerline, up to 100’ AGL/529’ MSL. Trees beginning 138’ from DER, 506’ 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. Rw 14, trees beginning 40’ from DER, left and right of centerline, up to 15’ AGL/442’ MSL. Poling 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. Rw 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. Rw 32, bushes and trees beginning 238’ 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.
SHIRLEY, NY
BROOKHAVEN (HWV)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
ORIG 07130 (FAA)
TAKEOFF MINIMUMS: Rwys 6, 33, NA-Noise abatement
TAKEOFF OBSTACLE NOTES: Rwys 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.; Rwys 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)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 5 14149 (FAA)
TAKEOFF MINIMUMS: Rwys 7, std. w/min. climb of 340' per NM to 2300 or 1600-3 for climb in visual conditions. Rwys 25, 600-2½ w/min. climb of 290' per NM to 2000 or std. w/min. climb of 550' per NM to 1800 or 1600-3 for climb in visual conditions.
DEPARTURE PROCEDURE: Rwys 7, climb heading 071° to 2300 before proceeding on course. Rwys 25, climb heading 251° to 2000 before proceeding on course. All runways, obtain ATC approval for climb in visual conditions when requesting IFR clearance. Climb in visual conditions to cross Sidney Muni airport at or above 2500 before proceeding on course.
TAKEOFF OBSTACLE NOTES: Rwys 7, vehicles on roadway beginning 18' from DER, left and right of centerline, up to 17' AGL/1056' MSL. Buildings beginning 28' from DER, 383' right of centerline, up to 37' AGL/1035' MSL. Trees beginning 126' from DER, 341' left of centerline, up to 76' AGL/1077' MSL. Trees and light poles beginning 939' from DER, 84' right of centerline, up to 40' AGL. Wall and trees beginning 2.7 NM from DER, 135' left of centerline, up to 92' AGL/1633' MSL. Trees beginning 2.8 NM from DER, 43' right of centerline, up to 83' AGL/1081' MSL. Trees beginning 3 NM from DER, left and right of centerline, up to 116' AGL/1757' MSL. Rising terrain beginning 3.2 NM from DER, 1021' left of centerline, up to 2039' MSL. Rwys 25, rising terrain and trees beginning 4' from DER, 193' left of centerline, up to 65' AGL/1066' MSL. Vehicles on roadway and trees beginning 17' from DER, 236' right of centerline, up to 80' AGL/1081' MSL. Trees, vehicles on roadway, power transmission towers and lines beginning 3572' from DER, 94' left of centerline, up to 103' AGL/1413' MSL. Trees and power transmission towers and lines beginning 1.1 NM from DER, 43' right of centerline, up to 118' AGL/1568' MSL. Trees beginning 1.3 NM from DER, 1899' left of centerline, up to 100' AGL/1568' MSL. Wall and trees beginning 1.8 NM from DER, 1766' left of centerline, up to 100' AGL/1339' MSL. Rising terrain beginning 3.1 NM from DER, 5304' right of centerline up to 1739' MSL.

SKANEATELES, NY
SKANEATELES AERO DROME (689)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 1 18312 (FAA)
TAKEOFF MINIMUMS: Rwys 28, NA-obstacles. Rwys 4, 22, NA-environmental. Rwys 10, 400-3 w/min. climb of 225' per NM to 1600 or 1000-3 for VCOA. VCOA: Rwys 10, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross SKANEATELES Aero Drome at or above 1800 before proceeding on course.
TAKEOFF OBSTACLE NOTES: Rwys 10, tree 3' from DER, 491' left of centerline, 150' AGL/1129' MSL. Traverse ways beginning 6' from DER, left and right of centerline, up to 10' AGL/999' MSL. Rwys 15, 375' left of centerline, 150' AGL/1139' MSL. Tree, traverse ways beginning 45' from DER, 6' right of centerline, up to 150' AGL/1130' MSL. Trees, pole beginning 185' from DER, 3' left of centerline, up to 150' AGL/1149' MSL. Tree, pole, beginning 483' from DER, 76' right of centerline, up to 150' AGL/1139' MSL. Vehicle on roadway beginning from DER, left and right of centerline, 15' AGL/1014' MSL. Trees beginning 718' from DER, 4' left of centerline, up to 150' AGL/1149' MSL. Tree 867' from DER, 363' right of centerline, 150' AGL/1149' MSL. Tree 880' from DER, 80' right of centerline, 150' AGL/1159' MSL.

SOMERVILLE, NJ
SOMERSET (SMQ)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 3 08353 (FAA)
TAKEOFF MINIMUMS: Rwys 8, 17, 26, 35, NA-Environmental. Rwys 12, std. w/min. climb of 400' per NM to 1400, or 1100-2½ for climb in visual conditions. Rwys 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: Rwys 12, climb heading 122° to 1000 before proceeding on course or for climb in visual conditions. Rwys 30, climb heading 302° to 1300 before proceeding on course or for climb in visual conditions. Rwys 10, 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 285' from DER, left to right of centerline, up to 100' AGL/219' MSL. Trees beginning 185' from DER, left to right of centerline, up to 100' AGL/279' MSL. Trees beginning 2748' from DER, 1147' left of centerline, up to 100' AGL/259' MSL.
SOUTH BETHLEHEM, NY

SOUTH ALBANY (480)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 09099 (FAA)

TAKEOFF MINIMUMS: Rwy 1, 300-1/4% or std. w/ min. climb of 290' per NM to 600. Rwy 18, std. w/ min. climb of 415' per NM to 2000 or 1700-1/4% 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.

TAKEOFF OBSTACLE NOTES: 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 18, trains beginning 23' from DER, left and right of centerline, 23' AGL/316' MSL.

SUSSEX, NJ

SUSSEX (FWN)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 14149 (FAA)

TAKEOFF MINIMUMS: Rwy 3, 700-3 w/min. climb of 315' per NM to 1500 or 1600-3 for climb in visual conditions. Rwy 21, 600-3 w/min. climb of 295' per NM to 1300 or 1600-3 for climb in visual conditions.

DEPARTURE PROCEDURE: Rwy 3, climb heading 029° to 1300, then climbing right turn to 3000 direct SAX VORTAC before proceeding on course, or for climb in visual conditions cross Sussex airport at or above 1900 before proceeding on course. When executing VCOA, notify ATC prior to departure. Rwy 21, climb heading 209° to 1500 before proceeding on course, or for climb in visual conditions cross Sussex airport at or above 1900 before proceeding on course. When executing VCOA, notify ATC prior to departure.

TAKEOFF OBSTACLE NOTES: Rwy 3, vehicles on road beginning at DER, 87' left of centerline, crossing centerline from left to right, up to 15' AGL/434' MSL. Building 260' from DER, 120' right of centerline, 25' AGL/444' MSL. Poles and catenaries beginning at DER, 215' left of centerline, crossing centerline from left to right, up to 50' AGL/469' MSL. Tree 105' from DER, 215' left of centerline, 100' AGL/419' MSL. Trees beginning 278' from DER, left and right of centerline, up to 100'/579' MSL. Tower 1.1 NM from DER, 580' right of centerline, 89' AGL/691' MSL. Trees beginning 673' from DER, left and right of centerline, up to 100'/799' MSL. Trees beginning 1.8 NM from DER, left and right of centerline, up to 140'/579' MSL. Building 1.8 NM from DER, 805' left of centerline, up to 100' AGL/579' MSL. Trees beginning 4845' from DER, left and right of centerline, up to 100' AGL/759' MSL. Trees beginning 1.4NM from DER, left and right of centerline, up to 100' AGL/1019' MSL.

SUSSEX, NJ

SUSSEX (FWN)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 14149 (FAA)

TAKEOFF MINIMUMS: Rwy 1, 300-1/4% or std. w/ min. climb of 290' per NM to 600. Rwy 18, std. w/ min. climb of 415' per NM to 2000 or 1700-1/4% 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.

TAKEOFF OBSTACLE NOTES: 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 18, trains beginning 23' from DER, left and right of centerline, 23' AGL/316' MSL.
TETERBORO, NJ
TETERBORO (TEB)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 8 14205 (FAA)
TAKEOFF MINIMUMS: Rwy 1, 400-2/4 or std. w/min. climb of 294' per NM to 500. Rwy 6, 300-1/7 or std. w/min. climb of 263' per NM to 400. Rwy 19, 600-2/4 or std. w/min. climb of 352' per NM to 700. Rwy 24, 400-1/7 or std. w/min. climb of 444' 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, climbing heading 195° to 300-2¼ or std. w/min. climb of 346' per NM to 1700, or 2900-3 for VCOA.
DEPARTURE PROCEDURE: Rwy 2, climbing on a heading between 029° CW to 197° from DER. Rwy 20, climb on a heading between 018° CW to 198° from DER.
VCOA: All runways, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Ticonderoga Muni at or above 2900 before proceeding on course.
TAKEOFF OBSTACLE NOTES: Rwy 1, 118' left of centerline, 1' AGL/266' MSL. Tree 33' from DER, 279° right of centerline, 300' MSL. Trees beginning 40° from DER, 186° right of centerline, up to 43' AGL/302' MSL. Trees beginning 131° from DER, 23° right of centerline, up to 320' MSL. Tree 653' from DER, 63° left of centerline, up to 36' AGL/314' MSL. Towers beginning 1° from DER, 239° left of centerline, up to 286' MSL. Trees beginning 759' from DER, 431° left of centerline, up to 90' AGL/289' MSL. Tree 1068' from DER, 201° left of centerline, 292' MSL. Rwy 20, tree 54' from DER, 262° left of centerline, 41' AGL/305' MSL. Trees beginning 74' from DER, 256° left of centerline, up to 318' MSL. Terrain 148' from DER, 185° right of centerline, up to 306' MSL. Towers beginning 90° from DER, 362° right of centerline, up to 282' MSL. Trees beginning 331° from DER, 346° left of centerline, up to 328' MSL. Terrain beginning 382° from DER, 317° right of centerline, up to 286' MSL. Terrain beginning 503° from DER, 215° right of centerline, up to 288' MSL. Terrain 541° from DER, 396° right of centerline, 289' MSL. Terrain 607' from DER, 285° right of centerline, 290' MSL. Terrain beginning 337° from DER, 213° right of centerline, up to 294' MSL. Trees beginning 872' from DER, 173° left of centerline, up to 331° MSL. Terrain 934° from DER, 303° right of centerline, 298' MSL. Terrain 968' from DER, 221° right of centerline, 299' MSL. Terrain 1022' from DER, 420° right of centerline, 301' MSL. Trees beginning 1151° from DER, 51° right of centerline, up to 23'A GL/324' MSL. Trees beginning 1159° from DER, 51° right of centerline, up to 30'A GL/332' MSL. Tree and terrain beginning 1165° from DER, 167° right of centerline, up to 33'A GL/333' MSL. Trees beginning 1400° from DER, 548° left of centerline, up to 341° MSL. Tree 1603° from DER, 708° right of centerline, 47'A GL/340' MSL. Trees beginning 1618° from DER, 676° left of centerline, up to 357° MSL. Trees beginning 1681° from DER, 289° left of centerline, up to 100'A GL/359' MSL. Trees beginning 1827° from DER, 95° left of centerline, up to 104'A GL/365' MSL. Trees beginning 2953° from DER, 18° left of centerline, up to 374° MSL. Trees beginning 2956° from DER, 100° right of centerline, up to 357° MSL. Trees beginning 3379° from DER, 133° right of centerline, up to 364° MSL. Tree 3720° from DER, 375° right of centerline, up to 384° MSL. Tree 3758° from DER, 105° left of centerline, up to 383° MSL. Trees beginning 3938° from DER, 39° right of centerline, up to 384° MSL. Trees beginning 4019° from DER, 126° left of centerline, up to 401° MSL. Tree 4250° from DER, 552° right of centerline, 69'A GL/385' MSL. Trees beginning 4482° from DER, 178° right of centerline, up to 86'A GL/404' MSL. Trees 4595° from DER, 161° right of centerline, 91'A GL/405' MSL.
TOMS RIVER, NJ
OCEAN COUNTY (MJX)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 1B 181144 (FAA)
TAKEOFF MINIMUMS: Rw 14, 32, NA.
TAKEOFF OBSTACLE NOTES: Rw 6, trees beginning 67' from DER, 268' left of centerline, up to 44' AGL/109' MSL. Trees beginning 173' from DER, 510' right of centerline, up to 53' AGL/122' MSL. Trees beginning 525' from DER, 1' left of centerline, up to 62' AGL/121' MSL. Trees beginning 766' from DER, 65' right of centerline, up to 67' AGL/146' MSL. Rw 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/106' MSL. Trees beginning 1333' from DER, 494' right of centerline, up to 37' AGL/120' MSL.

WATERTOWN, NY
WATERTOWN INTL (ART)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 3 18200 (FAA)
TAKEOFF MINIMUMS: Rw 7, 300-1¼ or std. w/min. climb of 270' per NM to 600. Rw 10, 300-1½ w/min. climb of 220' per NM to 3000, or std. w/min. climb of 315' per NM to 600, or 1½ w/min. with VCOA. VCOA: Rw 10, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Watertown Intl Airport at or above 1200 before proceeding on course.
TAKEOFF OBSTACLE NOTES: Rw 7, vehicle on road 539' from DER, 532' left of centerline, 341' MSL. Trees beginning 787' from DER, 495' right of centerline, up to 55' AGL/378' MSL. Tree 817' from DER, 408' left of centerline, 43' AGL/363' MSL. Trees beginning 886' from DER, 478' left of centerline, up to 63' AGL/380' MSL. Tree 1024' from DER, 665' right of centerline, 63' AGL/386' MSL. Trees beginning 1092' from DER, 96' right of centerline, up to 387' MSL. Tree 2506' from DER, 246' right of centerline, 81' AGL/356' MSL. Trees beginning 699' left of centerline, 100' AGL/479' MSL. Trees beginning 5223' from DER, 262' left of centerline, up to 100' AGL/499' MSL. Trees beginning 1 nm from DER, 260' left of centerline, up to 100' AGL/509' MSL. Tree 1.1 NM from DER, 208' left of centerline, 100' AGL/519' MSL. Tree 1.3 NM from DER, 680' left of centerline, 100' AGL/559' MSL. Rw 28, 111' road beginning 2115' from DER, 5' right of centerline, up to 100' AGL/273' MSL. Rw 16, trees beginning 56' from DER, 375' left of centerline, up to 69' AGL/332' MSL. Trees and tower beginning 2115' from DER, 5' right of centerline, up to 100' AGL/273' MSL. Rw 24, 1 pole, building and vehicle beginning 41' from DER, 22' left of centerline, up to 32' AGL/183' 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. Rw 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.

VINELAND, NJ
KROELINGER (29N)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 1A 182228 (FAA)
TAKEOFF MINIMUMS: Rw 10, 300-1 or standard w/min. climb of 285' per NM to 400. Rw 28, 300-1.
WEEDSPORT, NY
WHITFORDS (B16)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
ORIG-A 19059 (FAA)
TAKEOFF MINIMUMS: Rwys 10, 28, 300-1.

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

WEST CREEK, NJ
EAGLES NEST (31E)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 1 18312 (FAA)
TAKEOFF MINIMUMS: Rwy 14, 300-1 or std. w/min. climb of 470’ per NM to 400.
DEPARTURE PROCEDURE: Rwy 14, climb heading 146° to 600 before turning right. Rwy 32, climb heading 326° to 800 before turning left.
TAKEOFF OBSTACLE NOTES: Rwy 14, trees beginning 35’ from DER, 35’ left of centerline, up to 100’ AGL/146’ MSL. Trees beginning 118’ from DER, 127’ right of centerline, up to 100’ AGL/133’ MSL. Trees beginning 752’ from DER, 31’ left of centerline, up to 100’ AGL/150’ MSL. Trees beginning 836’ from DER, 20’ right of centerline, up to 100’ AGL/140’ MSL. Trees beginning 2632’ from DER, 27’ right of centerline, up to 100’ AGL/146’ MSL. Trees beginning 2946’ from DER, 29’ right of centerline, up to 100’ AGL/153’ MSL. Tower and trees beginning 3961’ from DER, 82’ right of centerline, up to 234’ AGL/270’ MSL.

WEST MILFORD, NJ
GREENWOOD LAKE (4N1)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 2 12040 (FAA)
TAKEOFF MINIMUMS: Rwy 6, 300-1½ 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.
TAKEOFF OBSTACLE NOTES: Rwy 1, terrain and trees beginning 6’ from DER, 129’ left of centerline, up to 33’ AGL/107’ MSL. Trees beginning 1007’ from DER, 299’ right of centerline, up to 12’ AGL/61’ MSL. Trees beginning 6’ from DER, 129’ left of centerline, up to 33’ AGL/107’ MSL. Trees beginning 118’ from DER, 112’ left of centerline, up to 100’ AGL/133’ MSL. Trees beginning 442’ left of centerline, 100’ AGL/127’ MSL. Trees beginning 343’ from DER, 5’ left of centerline, up to 100’ AGL/130’ MSL. Trees beginning 427’ from DER, 50’ right of centerline, up to 100’ AGL/133’ MSL. Trees beginning 850’ from DER, 112’ left of centerline, up to 100’ AGL/133’ MSL. Trees beginning 1186’ from DER, 106’ right of centerline, up to 100’ AGL/137’ MSL. Trees beginning 1271’ from DER, 1’ left of centerline, up to 100’ AGL/137’ MSL. Trees beginning 1387’ from DER, 54’ right of centerline, up to 100’ AGL/143’ MSL. Trees beginning 3126’ from DER, 2’ right of centerline, up to 100’ AGL/146’ MSL. Trees beginning 4476’ from DER, 1532’ right of centerline, up to 100’ AGL/150’ MSL.

WESTHAMPTON BEACH, NY
FRANCIS S. GABRESKI (FOK)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 2 12152 (FAA)
TAKEOFF MINIMUMS: Rwy 6, 300-1½ 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.
TAKEOFF OBSTACLE NOTES: Rwy 1, terrain and trees beginning 6’ from DER, 129’ left of centerline, up to 33’ AGL/107’ MSL. Trees beginning 1007’ from DER, 299’ right of centerline, up to 12’ AGL/61’ MSL. Rwy 6, trees beginning 1285’ from DER, 720’ left of centerline, up to 36’ AGL/105’ MSL. Pole 2027’ from DER, 987’ right of centerline, 65’ 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 beginning 380’ 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.
TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

WHEELER-SACK AAF (KGTB)
FORT DRUM, NY
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 5, 09239
TAKEOFF MINIMUMS: RwY 15, std. with min. climb of 250 ft/NM to 3100. RwY 21, std. with min. climb of 250 ft/NM to 3100.
DEPARTURE PROCEDURE: RwY 26, Climb hdg 263° to 1400 before turning left.

WHITE PLAINS, NY
WESTCHESTER COUNTY (HPN)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 8 17173 (FAA)
TAKEOFF MINIMUMS: RwY 29, 300-1½ or std. w/ min. climb of 235' per NM to 700, or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 2000' prior to DER.
TAKEOFF OBSTACLE NOTES: RwY 11, sign 22' from DER, 176' left of centerline, 3' AGL/390' MSL. Vehicles on road 68' from DER, 167' right of centerline, 390' MSL. Trees beginning 107' from DER, 379' right of centerline, Terrain 148' from DER, 248' left of centerline, 392' MSL. Tree 148' from DER, 511' left of centerline, 472' MSL. Trees beginning 164' from DER, 78' left of centerline, up to 77' AGL/477' MSL. Trees beginning 187' from DER, 378' right of centerline, up to 77' AGL/468' MSL. Trees beginning 379' from DER, 85' right of centerline, up to 99' AGL/482' MSL. Trees beginning 411' from DER, 6' right of centerline, up to 101' AGL/494' MSL. Trees beginning 484' from DER, 12' left of centerline, up to 96' AGL/491' MSL. Tree and building beginning 589' from DER, 98' left of centerline, up to 499' MSL. Tree and building beginning 599' from DER, 33' left of centerline, up to 104' AGL/502' MSL. Tree and building beginning 561' from DER, 3' right of centerline, up to 111' AGL/493' MSL. Trees beginning 703' from DER, 19' left of centerline, up to 507' MSL. Tree, building, and pole beginning 760' from DER, 4' left of centerline, up to 113' AGL/523' MSL. Tree 1083' from DER, 666' left of centerline, 526' MSL. Tree 1099' from DER, 733' left of centerline, 79' AGL/528' MSL. Tree, building, pole, and flagpole beginning 1100' from DER, 26' left of centerline, up to 530' MSL. Trees beginning 1434' from DER, 10' left of centerline, up to 87' AGL/532' MSL. RwY 16, taxiway light 131' from DER, 499' left of centerline, 1' AGL/384' MSL. Terrain 273' from DER, 515' left of centerline, 387' MSL. Trees beginning 999' from DER, 171' left of centerline, up to 109' AGL/436' MSL. Tree 1096' from DER, 663' right of centerline, 86' AGL/425' MSL. Trees beginning 1098' from DER, 226' right of centerline, up to 112' AGL/454' MSL. Building 3433' from DER, 604' left of centerline, 60' AGL/467' MSL.

WHITE PLAINS, NY (CON’T)
WESTCHESTER COUNTY (HPN) (CON’T)
Rwy 29, tree and REIL beginning 6' from DER, 115' right of centerline, up to 17' AGL/407' MSL. Tree and pole beginning 22' from DER, 174' right of centerline, up to 23' AGL/416' MSL. Sign 24' from DER, 252' left of centerline, 3' AGL/398' MSL. Trees beginning 198' from DER, 478' right of centerline, up to 57' AGL/435' MSL. Tree 231' from DER, 522' right of centerline, 444' MSL. Tree 255' from DER, 503' left of centerline, 425' MSL. Tree and pole beginning 273' from DER, on centerline, up to 80' AGL/452' MSL. Tree 364' from DER, 462' left of centerline, 433' MSL. Trees beginning 396' from DER, 226' left of centerline, up to 477' MSL. Tree 458' from DER, 467' left of centerline, 113' AGL/486' MSL. Trees beginning 459' from DER, 1' left of centerline, up to 113' AGL/491' MSL. Tree and pole beginning 771' from DER, 3' left of centerline, up to 98' AGL/494' MSL. Tree 1562' from DER, 895' left of centerline, 495' MSL. Trees beginning 1584' from DER, 495' left of centerline, up to 106' AGL/502' MSL. Tree 1888' from DER, 864' left of centerline, 510' MSL. Trees beginning 1890' from DER, 504' left of centerline, up to 98' AGL/511' MSL. Trees beginning 2018' from DER, 485' left of centerline, up to 102' AGL/515' MSL. Tree 1.1 NM from DER, 878' right of centerline, 86' AGL/600' MSL. Tree and tank beginning 1.1 NM from DER, 681' right of centerline, up to 96' AGL/603' MSL. RwY 34, pole 167' from DER, 282' right of centerline, 26' AGL/456' MSL. Trees beginning 812' from DER, 298' left of centerline, up to 102' AGL/518' MSL. Trees beginning 1792' from DER, 719' right of centerline, up to 91' AGL/499' MSL. Trees beginning 2000' from DER, 751' right of centerline, up to 104' AGL/509' MSL.

WILDCOOD, NJ
CAPE MAY COUNTY (WWD)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 3 06215 (FAA)
TAKEOFF MINIMUMS: RwY 19, 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.
TAKEOFF OBSTACLE NOTES: 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.
TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

WILLIAMSON/SODUS, NY
WILLIAMSON-SODUS (SDC)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 1 08213 (FAA)
TAKEOFF MINIMUMS: Rw 1, 300-2 or std. w/min. climb of 427' per NM to 700.
TAKEOFF OBSTACLE NOTES: Rw 10, trees beginning 26' from DER, 296' right of centerline, up to 76' AGL/655' 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.

WURTSBORO, NY
WURTSBORO-SULLIVAN COUNTY (N82)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 2 18340 (FAA)
TAKEOFF MINIMUMS: Rwys 5, 9, 14, 18, 27, 32, 36, NA – Obstacles. Rw 23, std. w/min. climb of 365' per NM to 1900 or 2000-3 for VCOA. DEPARTURE PROCEDURE: Rw 23, climb heading 228° to 2100 before proceeding on course.
VCOA: Rw 23, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Wurtsboro-Sullivan County airport at or above 2400 before proceeding on course.
TAKEOFF OBSTACLE NOTES: Rw 23, terrain 32' from DER, 187' right of centerline, 549' MSL. Tree, pole beginning 80' from DER, 20' left of centerline, up to 650' MSL. Tree 125' from DER, 87' right of centerline, 567' MSL. Tree 160' from DER, 210' right of centerline, 576' MSL. Trees beginning 169' from DER, 352' right of centerline, up to 641' MSL. Tree, building, pole beginning 224' from DER, 526' right of centerline, up to 648' MSL. Trees beginning 2527' from DER, 653' right of centerline, up to 662' MSL. Trees beginning 3392' from DER, 490' right of centerline, up to 664' MSL. Trees beginning 3590' from DER, 451' right of centerline, up to 669' MSL. Trees beginning 3735' from DER, 1192' right of centerline, up to 680' MSL. Tree 3938' from DER, 1364' right of centerline, 686' MSL. Trees beginning 3951' from DER, 1215' right of centerline, up to 689' MSL. Trees beginning 4171' from DER, 1411' right of centerline, up to 693' MSL. Tree 4795' from DER, 1738' right of centerline, 709' MSL. Trees beginning 4801' from DER, 1371' right of centerline, up to 100' AGL/727' MSL. Trees beginning 5694' from DER, 1749' right of centerline, up to 100' AGL/783' MSL. Trees beginning 1 NM from DER, 1818' right of centerline, up to 794' MSL. Trees beginning 1 NM from DER, 1 NM from DER, 1371' right of centerline, up to 100' AGL/783' MSL. Trees beginning 1.5 NM from DER, 2627' right of centerline, up to 793' MSL. Trees beginning 1.5 NM from DER, 2731' right of centerline, up to 811' MSL. Trees beginning 1.5 NM from DER, 2958' right of centerline, up to 820' MSL. Trees beginning 1.6 NM from DER, 1872' right of centerline, up to 100' AGL/852' MSL. Trees beginning 1 NM from DER, 2986' right of centerline, up to 100' AGL/858' MSL. Trees beginning 1.6 NM from DER, 2789' right of centerline, up to 100' AGL/904' MSL. Trees beginning 1.7 NM from DER, 2796' right of centerline, up to 100' AGL/931' MSL. Trees beginning 1.7 NM from DER, 2804' right of centerline, up to 100' AGL/957' MSL. Tree 2 NM from DER, 3823' left of centerline, 1885' MSL. Tree 2 NM from DER, 3807' left of centerline, 891' MSL. Tree 2.1 NM from DER, 3818' left of centerline, 899' MSL. Trees beginning 2.1 NM from DER, 3875' left of centerline, up to 928' MSL. Tree 2.3 NM from DER, 4245' left of centerline, 100' AGL/940' MSL. Trees beginning 2.3 NM from DER, 3606' right of centerline, up to 100' AGL/960' MSL. Trees beginning 2.4 NM from DER, 4052' left of centerline, up to 100' AGL/980' MSL. Trees beginning 2.4 NM from DER, 4044' left of centerline, up to 100' AGL/1039' MSL.

WOODBINE, NJ
WOODBINE MUNI (OBI)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 2 09239 (FAA)
TAKEOFF OBSTACLE NOTES: Rw 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. Rw 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. Rw 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. Rw 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.