

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

Bearings, headings, courses, tracks and radials are magnetic. Elevation and altitudes are in feet MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

City, State	Airport	Effective Date	Amdt. No.
NEWBURGH, NY	STEWART INTL	17 OCTOBER 2013	6

TAKEOFF MINIMUMS:

RWY 9, STANDARD.

RWY 16, STANDARD WITH MINIMUM CLIMB OF 255 FT PER NM TO 2100 OR 1500-2 1/2 FOR CLIMB IN VISUAL CONDITIONS.

RWY 27, 300-1 OR STANDARD WITH MINIMUM CLIMB OF 400 FT PER NM TO 800.

RWY 34, 300-1 OR STANDARD WITH MINIMUM CLIMB OF 503 FT PER NM TO 800.

TEXTUAL DEPARTURE PROCEDURES:

RWY 9 – CLIMB HEADING 087.37 TO 2100 BEFORE PROCEEDING ON COURSE.

RWY 16 – CLIMB HEADING 161.37 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 272.39 TO 1200 BEFORE TURNING SOUTH.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 9, TREES BEGINNING 68 FT FROM DER, 132 FT LEFT OF CENTERLINE, UP TO 43 FT AGL/487 FT MSL. TREES BEGINNING 727 FT FROM DER, 23 FT LEFT OF CENTERLINE, UP TO 95 FT AGL/546 FT MSL. TREES BEGINNING 955 FT FROM DER, 21 FT RIGHT OF CENTERLINE, UP TO 86 FT AGL/535 FT MSL. TREES BEGINNING 2692 FT FROM DER, 659 FT LEFT OF CENTERLINE, UP TO 78 FT AGL/587 FT MSL.

NOTE: RWY 16, TREES BEGINNING 785 FT FROM DER, 462 FT LEFT OF CENTERLINE, UP TO 70 FT AGL/466 FT MSL. TREES BEGINNING 1255 FT FROM DER, 562 FT RIGHT OF CENTERLINE, UP TO 109 FT AGL/492 FT MSL.

NOTE: RWY 27, AIRPORT SIGN 10 FT FROM DER, 54 FT LEFT OF CENTERLINE, 2 FT AGL/491 FT MSL. BUILDING 694 FT FROM DER, 2 FT RIGHT OF CENTERLINE, 16 FT AGL/509 FT MSL. TERRAIN, DME ANTENNA, AND TREES BEGINNING 599 FT FROM DER, 246 FT LEFT OF CENTERLINE, UP TO 38 FT AGL/537 FT MSL. TREES BEGINNING 2259 FT FROM DER, 197 FEET LEFT OF CENTERLINE, UP TO 101 FT AGL/640 FT MSL. TREES 3454 FT FROM DER, 1400 FT LEFT OF CENTERLINE, UP TO 118 FT AGL/667 FT MSL. TREES BEGINNING 4122 FT FROM DER, 1441 FT RIGHT OF CENTERLINE, UP TO 108 FT AGL/627 FT MSL.

NOTE: RWY 34, TERRAIN BEGINNING 77 FT FROM DER, 250 FT RIGHT OF CENTERLINE, UP TO 475 FT MSL. POLES AND TREES BEGINNING 1094 FT FROM DER, 157 FT RIGHT OF CENTERLINE, UP TO 72 FT AGL/571 FT MSL. TREES 1045 FT FROM DER, 597 FT LEFT OF CENTERLINE, UP TO 83 FT AGL/542 FT MSL. TREES BEGINNING 1773 FT FROM DER, 49 FT LEFT OF CENTERLINE, UP TO 98 FT AGL/587 FT MSL. TREES BEGINNING 2422 FT FROM DER, 70 FT RIGHT OF CENTERLINE, UP TO 72 FT AGL/601 FT MSL. TREES 2473 FT FROM DER, 910 FT RIGHT OF CENTERLINE, UP TO 70 FT AGL/629 FT MSL. TREES 3207 FT FROM DER, 1345 FT RIGHT OF CENTERLINE, UP TO 78 FT AGL/657 FT MSL. TREES BEGINNING 4426 FT FROM DER, 244 FT LEFT OF CENTERLINE, UP TO 72 FT AGL/611 FT MSL. TREES 5527 FT FROM DER, 83 FT RIGHT OF CENTERLINE, UP TO 83 FT AGL/612 FT MSL.

CONTROLLING OBSTACLES:

RWY 16: 1619 FT MSL AAO 412429.23N/0740117.27W. 1639 FT MSL AAO 412337.30N/0740241.10W.

RWY 16 (VCOA): 893 FT MSL TOWER 413212.64N/0740248.72W. 1879 FT MSL AAO 412330.80N/0740657.80W.

RWY 27: 667 FT MSL TREES 412942.60N/0740830.74W.

RWY 34: 629 FT MSL TREES 413105.86N/0740611.29W. 657 FT MSL TREES 413114.29N/0740611.28W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:

RWY 9: 1709 FT MSL AAO 413006.10N/0735502.00W.

RWY 16: 1879 FT MSL AAO 412330.80N/0740657.80W.

RWY 27: 1879 FT MSL AAO 412330.80N/0740657.80W.



U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

Bearings, headings, courses, tracks and radials are magnetic. Elevation and altitudes are in feet MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

City, State	Airport	Effective Date	Amdt. No.
NEWBURGH, NY	STEWART INTL	17 OCTOBER 2013	6

REMARKS:

RWY 9 DEPARTURE COURSE OFFSET 5 DEGREES LEFT OF RUNWAY CENTERLINE TO AVOID TERRAIN EAST OF THE AIRPORT.

FLIGHT INSPECTED BY:

Ross Larson  7/18/13

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

PETER GUIMOND  AJV-352 04/30/2013

APPROVED BY:

SUSAN CRUMB  AJV-352

AUG 09 2013

COORDINATED WITH:

ATA, ALPA, APA, AOPA, NBAA, ZBW, N90, SWF ATCT, ARPT MGR

CHANGES:

1. AMENDED RWY 9 DEPARTURE PROCEDURE FROM CLIMB HEADING 092.37 TO 2100 BEFORE TURNING SOUTH TO READ CLIMB HEADING 087.32 TO 2100 BEFORE PROCEEDING ON COURSE.
2. AMENDED RWY 16 TAKEOFF MINIMUMS FROM STANDARD WITH MINIMUM CLIMB OF 255 FT PER NM TO 2000 OR 1500-2 1/2 FOR CLIMB IN VISUAL CONDITIONS TO READ STANDARD WITH MINIMUM CLIMB OF 255 FT PER NM TO 2100 OR 1500-2 1/2 FOR CLIMB IN VISUAL CONDITIONS.
3. AMENDED RWY 16 DEPARTURE PROCEDURE FROM CLIMB HEADING 163.37 TO 2000 BEFORE PROCEEDING ON COURSE OR FOR CLIMB IN VISUAL CONDITIONS CROSS STEWART INTL AIRPORT AT OR ABOVE 1800 BEFORE PROCEEDING ON COURSE TO READ CLIMB HEADING 161.37 TO 1800 BEFORE PROCEEDING ON COURSE. FOR CLIMB IN VISUAL CONDITIONS, CROSS STEWART INTL AT OR ABOVE 1800 MSL BEFORE PROCEEDING ON COURSE. WHEN EXECUTING VCOA, NOTIFY ATC PRIOR TO DEPARTURE.
4. AMENDED RWY 27 TAKEOFF MINIMUMS FROM 300-1 OR STANDARD WITH MINIMUM CLIMB OF 366 FT PER NM TO 800 TO 300-1 OR STANDARD WITH MINIMUM CLIMB OF 400 FT PER NM TO 800.
5. AMENDED TAKEOFF OBSTACLE NOTES FOR ALL RUNWAYS.
6. AMENDED CONTROLLING OBSTACLES FOR RWY 16, RWY 16 (VCOA), AND RUNWAY 27.
7. ADDED OBSTACLES MANDATING ODP ROUTE DEVELOPMENT FOR RWY 9, 16, AND 27.

REASONS:

1. NEW OBSTACLE STUDY WITH APPLICATION OF 200 FT AAO IAW FAAO 8260.19, PARA 274. DEPARTURE COURSE OFFSET 5 DEGREES LEFT OF CENTERLINE TO AVOID HIGH TERRAIN.
2. NEW OBSTACLE STUDY.
3. NEW OBSTACLE STUDY. VCOA INSTRUCTIONS FORMATTED IAW CURRENT DOCUMENTATION POLICY.
4. NEW OBSTACLE STUDY.
5. GROUPED AND FORMATTED IAW CURRENT DOCUMENTATION POLICY.
6. NEW OBSTACLE STUDY.
7. IAW CURRENT DOCUMENTATION POLICY.

