

Between 800 and 1,000 feet AAE, begin acceleration to final segment speed ( $V_{FS}$  or  $V_{FTO}$ ) and retract flaps. Reduce to a quiet climb power setting while maintaining a rate of climb necessary to comply with IFR departure procedure, otherwise a maximum of 1,000 FPM, at an airspeed not to exceed 190 KIAS until reaching 3,000 feet AAE (1,500 feet AAE at high density traffic airports). If ATC requires level off prior to reaching NADP termination height, power must be reduced so as not to exceed 190 KIAS.

Above 3,000 feet AAE (1,500 feet AAE at high density airports) resume normal climb schedule with gradual application of climb power

Maximum practical rate of climb not to exceed  $V_2+20$  (max pitch attitude  $20^\circ$ ) to 1,000 feet AAE (800 ft. AAE at high density airports) in takeoff configuration at takeoff thrust.



Brake Release

Lift Off

End of Runway

Airport Boundary

**Notes:**

- No configuration changes below 400 ft. (except landing gear retraction). Ensure compliance with applicable IFR climb and airspeed requirements.
- This recommended procedure is not intended to preempt the responsibilities of the pilot-in command for safe aircraft operation. Ensure compliance with applicable IFR climb and airspeed requirements and ATC instructions.

# Updated NBAA Recommended Noise Abatement Departure Procedure

1. Climb at maximum practical rate not to exceed  $V_2+20$  KIAS (maximum pitch attitude 20 degrees) to 1,000 feet AAE (800 ft. AAE at high density traffic airports) in takeoff configuration at takeoff thrust.
  2. Between 800 and 1,000 feet AAE, begin acceleration to final segment speed ( $V_{FS}$  or  $V_{FTO}$ ) and retract flaps. Reduce to a quiet climb power setting while maintaining a rate of climb necessary to comply with IFR departure procedure, otherwise a maximum of 1,000 FPM at an airspeed not to exceed 190 KIAS, until reaching 3,000 feet AAE or 1,500 feet AAE at high density traffic airports. If ATC requires level off prior to reaching NADP termination height, power must be reduced so as not to exceed 190 KIAS.
  3. Above 3,000 feet AAE (1,500 feet at high density airports) resume normal climb schedule with gradual application of climb power.
  4. Ensure compliance with applicable IFR climb and airspeed requirements at all times.
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