

COMPLEX AIRCRAFT CHECKOUT REQUIREMENTS

As a prerequisite to qualify in Hanscom Flight Training Center complex aircraft (i.e. Piper Arrow PA28R201), a pilot must have logged 100 hours of pilot time (see also DAFMAN 34-152 attachment 4, 26 December 2023). Then if:

- (A) A pilot has logged 25 hours of complex time in the last two (2) years, a checkout must include, but is not limited to:
 - 1. Landings and takeoffs to include normal, short field, soft field and no flap landings
 - 2. Emergencies and systems malfunctions
 - 3. Attitude instrument review to include partial panel
 - 4. In flight maneuvers to include stalls and slow flight and other maneuvers as may be appropriate
 - 5. Operation of avionics
- (B) A pilot has logged fewer than 25 hours of complex time in the last two (2) years, but has an FAA complex endorsement, the checkout must include a minimum of 5 hours of flight time, including, but not limited to:
 - 1. 15 landings and takeoffs to includes normal, short field, soft field, and no flap landings
 - 2. Emergencies and systems malfunctions
 - 3. Attitude instrument review to include partial panel
 - 4. In flight maneuvers to include stalls, slow flight and other maneuvers as may be appropriate
 - 5. Review of operation of constant speed propellers, including power settings, climb and descent procedures and proper leaning procedures
 - 6. Operation of avionics
- (C) A pilot does not have an FAA complex aircraft endorsement, the checkout must include a minimum of 10 hours of flight time including, but not limited to:
 - 1. 20 landings and takeoffs to include normal, short field, soft field and no flap landings
 - 2. Emergencies and systems malfunctions
 - 3. In flight maneuvers to include stalls and slow flight
 - 4. Attitude instrument review to include partial panel
 - 5. Operation of constant speed propellers, including power settings, climb and descent procedures and proper leaning procedures
 - 6. Operation of avionics

(D) Ground training must include for all pilots:

1. Review of complex aircraft systems with particular emphasis on landing gear and propeller operation
2. Emergencies and systems malfunctions
3. Preflight inspection
4. Fueling and servicing
5. Weight and balance calculation
6. Performance and operational limitations
7. Climb and descent procedures
8. Operation of avionics

Note:

Requirements as set out in (A), (B) or (C) above may be modified in individual circumstances with chief flight instructor approval.

Note that the Hanscom Flight Training Center requires 100 hours of pilot time, not the 75 hours set out in DAFMAN 34-152. Attachment 4; A. 4.3.