Complex Aircraft Checkout Guide

If pilot has more than 25 hrs complex in last 2 years

- Checkout in our aircraft covering required maneuvers and emergencies
- Fly to test standards for their certificate level
- Aircraft review sheet completed and signed by CFI

If pilot has less than 25 hrs complex time but already has complex endorsement in a different plane:

- Minimum of 3hrs in the Make/Model for checkout, including 15 takeoffs and landings
- Checkout in our aircraft covering required maneuvers and emergencies
- Fly to test standard for their certificate level
- Aircraft review sheet completed and signed by CFI

- If pilot has no complex endorsement:
 - Minimum of 5hrs in the Make/Model for checkout, including 25 takeoffs and landings
 - Checkout in our aircraft covering required maneuvers and emergencies
 - Aircraft review sheet completed and signed by CFI
 - Complex endorsement
 - Stage check to test standards for their certificate level

Checkout must include the following:

<u>Ground</u>: Dispatch procedures, airworthiness, preflight inspection, fueling and servicing, systems, weight & balance, performance, and limitations.

<u>Flight</u>:

- □ Normal/crosswind takeoff & climb
- Maneuvering flight including steep turns
- □ Slow flight and stalls w/recognition & recovery
- Climb, cruise climb, cruise, descents, glides and power setting changes.
 - Entering a climb: Cowl flaps, mixture, prop, throttle.
 - Cruise/descent: Throttle, prop, cowl flaps, mixture.
- □ Engine leaning, cooling considerations
- □ Normal/crosswind approach & landing
- □ No flap and partial flap takeoffs
- □ No flap approach & landing
- □ Soft-field approach & landing
- □ Sideslip and forward slips
- □ Simulated engine failure with power-off landings
- Emergencies/malfunctions including how to identify and deal with alternator malfunctions, manual gear extension, engine fire and/or failure.
- □ Short-field approach & landing if training for commercial, no hard braking!

Paperwork must be filled in and turned in to office, aircraft checkout sheet checked and signed off, and complex endorsement in logbook.

Documents required to be on file *for rental* include renter's agreement, renter's insurance, credit card, photo ID, pilot certificate, medical, last flight review, and copy of endorsements.