

CITABRIA 7KCAB CHECKLIST (March 2016)**Before Starting Engine**

- 1) Seat Belts/Shoulder Harness - ADJUSTED
- 2) Fuel Selector Valve - ON
- 3) Brakes – Test and Set
- 4) Radios and Electrical Equipment - OFF

Starting the Engine

- 1) Alternate air - COLD
- 2) Throttle – Open ¼ inch
- 3) Master Switch –ON
- 4) Magnetos – ON
- 5) Prime Engine for Start
- Engine Cold – Mixture RICH, Fuel Pump ON (max. 2 sec.)
- Engine Hot – No priming needed
- 6) Mixture – IDLE CUTOFF
- 7) Control Stick – FULL AFT
- 8) Propeller Area – CLEAR
- 9) Starter – ENGAGE, release after engine fires
- 10) Mixture – RICH before engine quits
- 11) Oil Pressure – Check GREEN within 30 seconds
- 12) AMP Meter – Check
- 13) Warm Up – 800-1000 RPM
- 14) Lean Mixture almost to idle cutoff (observe slight rpm rise)
- 15) Radio Master – ON
- 16) Strobes and Turn & Bank Indicator – ON
- 17) Transponder – ALT & 1200
- 18) ATIS (MRY-119.25) Ground (MRY-120.87)

Run-up

- 1) Brakes – Set
- 2) Flight Controls – Check (full box with stick, rudder deflection)
- 3) Instruments – Check & Set, Altimeter set to field elevation
- 4) Fuel – check quantity, fuel valve ON, Fuel pump OFF
- 5) Elevator Trim – Takeoff setting
- 6) Mixture Rich; Stick Back; Throttle setting 1800 RPM
- 7) Engine Instruments and Ammeter – Check
- 8) Magnetos – Check (100 RPM maximum drop)
- 9) Alternate Air – Check operation
- 10) Throttle to Idle (600-900 RPM), then 100 RPM
- 11) Radios – MRY Tower (118.40)
- 12) Transponder - ALT & squawk code
- 13) Cabin Doors and Windows – Closed & latched
- 14) Seat belts & shoulder harnesses- FASTENED

Before Take-off

- 1) Strobes or beacon - ON
- 2) Trim – Takeoff position
- 3) Alternate Air - COLD
- 4) Mixture – Full RICH or as needed for density altitude
- 5) Electrical fuel pump – ON

Climb

- 1) Climb – Full Power – 80 mph
- 2) Fuel pump – OFF above pattern altitude

Cruise

- 1) Throttle – 2300 RPM (75% power or less)
- 2) Mixture – Lean for altitude

Before Landing

- 1) Mixture – RICH or as needed for density altitude
- 2) Landing light – as needed
- 3) Fuel pump – ON
- 4) Radio – Set MRY TWR 118.40, Ground 120.87

After Landing

- 1) Lights – OFF/ON as needed
- 2) Fuel pump – OFF
- 3) Trim –Takeoff position
- 4) Alternate Air – COLD
- 5) Mixture – Lean for taxi
- 6) Transponder – ALT & 1200

Shutdown

- 1) Radios and Electrical switches - OFF
- 2) Engine – 1000 RPM
- 3) Mixture – Pull Lean
- 4) Master Switch – OFF
- 5) Magnetos – OFF
- 6) Throttle – Closed

Securing Aircraft

- 1) Tailwheel straight & locked, wheels chocked
- 2) Wings and tail – Tied down
- 3) Controls secure - lap belt around forward control stick only
- 4) Sunshades – INSTALL
- 5) Fill out hobbs & tach in binder
- 6) Double check all electrical switches & master OFF
- 7) Check aircraft into Paperless FBO