

CITABRIA 7ECA CHECKLIST (April 2016)**Before Starting Engine**

- 1) Preflight complete, documents on board
- 2) Seat Belts/Shoulder Harness - ADJUSTED
- 3) Fuel Selector Valve - ON
- 4) Brakes – Test and Set
- 5) Radios and Electrical Equipment - OFF

Starting the Engine

- 1) Mixture – RICH
- 2) Carb Heat – COLD
- 3) Primer
 - Engine Cold – 3-4 strokes, then locked
 - Engine Hot – 1-2 strokes, then locked
- 4) Throttle – Open ¼ inch
- 5) Master Switch –ON
- 6) Magnetos – ON
- 7) Control Stick – FULL AFT
- 8) Propeller Area – “CLEAR”
- 9) Starter – ENGAGE, release after engine fires
- 10) Throttle – Slowly increase, then 1000 RPM after start
- 11) Oil Pressure – Check GREEN within 30 seconds
- 12) AMP Meter – Check
- 13) Mixture – LEAN almost to idle cutoff (observe slight rpm rise)
- 14) Radio Master – ON
- 15) Strokes and Turn & Bank Indicator – ON
- 16) Transponder – ALT & 1200
- 17) ATIS (RHV-125.20) Ground (RHV-121.65)

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, primer locked
- 5) Elevator Trim – Takeoff setting
- 6) Mixture Rich; Stick Back; Throttle to 1800 RPM
- 7) Engine Instruments and Ammeter – Check
- 8) Magnetos – Check (100 RPM maximum drop)
- 9) Carb Heat – Check operation
- 10) Throttle to Idle (600-900 RPM), then 100 RPM
- 11) Radios – RHV Tower (119.80)
- 12) Transponder - ALT & squawk code/1200
- 13) Cabin Doors and Windows – Closed & latched
- 14) Seat belts & shoulder harnesses- FASTENED

Before Take-off

- 1) Strokes or beacon - ON
- 2) Trim – Takeoff position
- 3) Carb Heat - COLD
- 4) Mixture – Full RICH or as needed for density altitude
- 5) Primer - LOCKED

Climb

- 1) Climb – Full Power – 75 mph
- 2) Mixture – Lean slightly above 3000'

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) Carb Heat – as needed
- 4) Radio –RHV ATIS 125.20, TWR 119.80

After Landing

- 1) Lights – OFF/ON as needed
- 2) Trim –Takeoff position
- 3) Carb Heat – COLD
- 4) Mixture – Lean for taxi
- 5) Transponder – ALT & 1200
- 6) Radios – Ground 121.65

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) Record Hobbs & Tach in aircraft binder
- 6) Double check all electrical switches & master OFF
- 7) Check aircraft into Paperless FBO