

## **CITABRIA 7KCAB CHECK-LIST (Feb 16, 2009)**

### **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) Mixture – Rich
- 2) Alternate air - Cold
- 3) Throttle – Open ¼ inch
- 4) Master Switch –ON
- 5) Magnetos – ON
- 6) Emergency Fuel Pump (Engine Hot – NONE)  
(Engine Cold – ON max. 2 sec.)
- 7) Mixture Idle Cut off
- 8) Control Stick Back
- 9) Propeller Area – CLEAR
- 10) Starter - Engaged, release after engine fires
- 11) Mixture rich before engine quits
- 12) Oil Pressure, in 30 seconds – Check
- 13) AMP Meter -- Check
- 14) Warm Up – 800-1000 RPM.
- 15) Lean Mixture almost to idle cutoff (observe slight rpm rise)
- 16) Radio Master ON
- 17) Strobes and Turn and Bank Indicator - ON
- 18) Transponder – STBY
- 19) ATIS (RHV- 125.2) Ground (RHV-121.65)

### **Run-up**

- 1) Brakes – Set
- 2) Flight Controls – Check
- 3) Instruments – Check & Set, Altimeter set to field elevation
- 4) Fuel – check quantity, fuel valve “ON”, Fuel pump OFF
- 5) Elevator Trim “Take-Off” 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) Close Throttle to Idling (600-900 RPM)
- 11) Radios & Transponder – Set, Tower (RHV–119.8),  
transponder - ALT, squawk 1200
- 12) Cabin Doors and Windows – Closed & latched
- 13) Seat belts & shoulder harnesses- FASTENED

### **Before Take-off**

- 1) Strobes or beacon - ON
- 2) Trim to “Take-Off” position
- 3) Alternate Air - Cold
- 4) Mixture – Full Rich or as needed for Density Altitude
- 5) Radio – Set (RHV Twr 119.80); Transponder to ALT
- 6) Electrical fuel pump - ON

### **In Flight**

- 1) Climb – Full Power – 80 mph
- 2) Fuel pump – OFF above pattern altitude
- 3) Cruse 2300 rpm
- 4) Glide – Idling- 70 - 75 mph
- 5) Mixture – Lean as necessary

### **Before Landing**

- 1) Mixture – Rich or as needed for Density Altitude
- 2) Landing Light – as needed
- 3) Fuel pump – ON
- 4) Radio Set – RHV Twr 119.8 or 126.1, Ground 121.65

### **After Landing**

- 1) Lights – OFF/ON as needed
- 2) Trim to “Take-Off” position
- 3) Alternate Air – Cold
- 4) Fuel pump - OFF
- 5) Mixture – Lean as necessary
- 6) Transponder – STBY or ALT as needed

### **Shutdown**

- 1) Transponder on STBY for 30 sec. or more
- 2) Radios and Electrical switches - OFF
- 3) Engine – 1000 RPM
- 4) Mixture - Pull Lean
- 5) Master Switch - OFF
- 6) Magnetos – OFF
- 7) Throttle – Closed

### **Securing Aircraft**

- 1) Wheels chocked; wings and tail tied down
- 2) Controls secure - lap belt around forward control stick only
- 3) Rear seat belt and harness secured
- 4) Fill out flight log
- 5) Double check all electrical switches & master off