

## **CITABRIA 7ECA CHECK-LIST**

### **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) Carburetor Heat – Cold
- 3) Primer 3 Strokes (0-1 if engine is hot), **then locked**
- 4) Throttle – Open ¼ inch
- 5) Master Switch -ON
- 6) Magnetos - ON
- 7) Control Stick Back
- 8) Propeller Area – CLEAR
- 9) Starter- ENGAGE, release after engine fires
- 10) Oil Pressure, within 30 seconds – Check
- 11) AMP Meter -- Check
- 12) Warm Up – 800-1000 RPM.
- 13) Mixture – Lean almost to idle cutoff
- 14) Radio Master - ON
- 15) Transponder – STBY
- 16) Turn and Bank Indicator & Strobe Lights – ON
- 17) 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 - quantity check, fuel valve “ON”, primer locked
- 5) Elevator Trim “Take-Off” setting
- 6) Mixture rich; Stick back; Throttle setting 1600 RPM
- 7) Engine Instruments and Ammeter check
- 8) Magnetos – Check (100 RPM maximum drop)
- 9) Carburetor Heat – 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
- 14) Strobe (if not already on) - ON

### **Before Take-off**

- 1) Strobes or beacon - ON
- 2) Trim to “Take-Off” position
- 3) Carburetor Heat – Cold
- 4) Primer locked
- 5) Mixture – Full Rich or as needed for Density Altitude
- 6) Transponder to ALT
- 7) Radio - Set

### **In Flight**

- 1) Climb – Full Power - 75mph
- 2) Cruise – 2350 rpm
- 3) Glide – Idling- 70 - 75 mph, carb heat hot
- 4.) Mixture – Lean as necessary

### **Before Landing**

- 1) Mixture – Rich
- 2) Carburetor Heat – As needed

### **After Landing**

- 1) Landing light – OFF/ON or as needed
- 2) Trim to “Take-Off” position
- 3) Carburetor Heat – Cold
- 4) Mixture – Lean almost to idle cutoff
- 5) Transponder – STBY or as needed
- 6) Radio - Set

### **Shutdown**

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

### **Securing Aircraft**

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