

ABBREVIATED CHECKLIST

(A complete and more detailed checklist including the preflight inspection, can be found in Section III.)

START

- 1) Master Switch - ON
- 2) Magneto Switches - ON (2)
- 3) Throttle - CRACKED OPEN (1/2" - 1")
- 4) Carburetor/Alternate Air - COLD
- 5) Mixture - FULL RICH
- 6) Prime - AS REQUIRED, CHECK locked
- 7) Propeller - CLEAR, front and rear
- 8) Brakes - CHECK FIRM and SET
- 9) Starter - ENGAGE
- 10) Throttle - 1000 - 1200 RPM
- 11) Engine Instruments - CHECK for proper indications
- 12) Lights/Radio Switches - AS DESIRED

BEFORE TAKEOFF

- 1) Brakes - SET
- 2) Flight Controls - CHECK freedom of movement, proper operation
- 3) Elevator Trim - SET takeoff position
- 4) Flight Instruments/Radio(s) - CHECK and SET
- 5) Flaps - SET as desired (7GCBC only)
- 6) Fuel Shut-Off Valve - ON
- 7) Mixture - FULL RICH (lean as required for high altitude)
- 8) Engine Instruments - CHECK normal indications
- 9) Engine Run-Up - 1800 RPM (Elevator Control - FULL BACK)
 - a) Magnetos - CHECK (200 RPM maximum drop, 50 RPM maximum differential)
 - b) Carburetor/Alternate Air - CHECK operation then return to COLD position
 - c) Engine Instruments - CHECK normal indications
 - d) Throttle - 1000 RPM
- 10) Cabin Door and Windows - CLOSED and LATCHED
- 11) Seat Belts/Shoulder Harness - FASTENED

CRUISE

- 1) Level-Off - TRIM
- 2) Airspeed - ACCELERATE to desired cruise airspeed
- 3) Throttle - SET RPM to cruise power
- 4) Mixture - LEAN when below 75% power

LANDING

- 1) Seat and Shoulder Harness - FASTENED
- 2) Mixture - RICH
- 3) Brakes - CHECK FIRM (Park Brake - OFF)
- 4) Flaps - AS DESIRED (7GCBC)
- 5) Approach Airspeed - 60-70 MPH
- 6) Throttle - AS DESIRED to control rate of descent
- 7) After Touchdown - FLAPS UP (7GCBC) - Brake as required

SHUTDOWN

- 1) Brakes - SET
- 2) Electrical Equipment - OFF
- 3) Mixture - IDLE CUT-OFF
- 4) Magnetos/Master Switch - OFF after propeller stops
- 5) Controls - SECURE with lap belt around forward control stick only
- 6) Wheels - CHOCKED
- 7) Wing/Tail Tie Downs - SECURE