

Preflight Inspection Checklist Aeronca Champ

Parking Area

Check for Obstructions
General Aircraft Condition – damage, leaks, ice, etc.

Cabin

Control Lock - remove lap belt from stick
Certificates & Documents (ARROW) - Check on board
Radio Master – OFF
Magnetos - OFF
Fuel Gauge – Check
Fuel Valve - ON
Flight Controls - freedom of movement
Seat - adjust position
Seat Belts - condition
Secure rear belt & harness if not in use
Secure loose items
Cabin Door - condition, latch

Right Wing

Root Fairing - secure
Aileron - condition, freedom of movement, drain holes clear
Wing Tip - condition
Pitot-Static Tube - visual check unobstructed
Inspection plates - secure

Right Main Gear

Mounting Point – condition of bolts
Tires - condition & inflation
Brakes - condition
Oleo Strut - condition

Nose Section

Windshield - condition & cleanliness
Fuel – quantity, cap secure
Engine Compartment - condition, leakage, etc.
Oil - quantity
Air Filter - condition
Propeller – condition
Spinner – condition
Cowling – condition, screws & fasteners
Fuel sample - clean

Left Main Gear

Mounting Point – condition of bolts
Tires - condition & inflation
Brakes - condition
Oleo struts - condition

Left Wing

Wing & Struts - condition
Wing Tip - condition
Aileron - condition, freedom of movement
Root Fairing - secure
Inspection plates - secure

Aft Fuselage

Bottom of Aircraft - for tears, leakage, etc.

Empennage

Tail Surfaces & Brace Wires - condition
Elevator, Trim Tab, Rudder - hinges & attach points, condition, freedom of movement
Tail Wheel - condition, u-bolt, cotter pins & nuts

Add fuel & oil if required
Clean Windshield if required
Tie-Down & Wheel Chocks - removed after start
Check for safe starting area (prop blast, etc.)

Record clock time after engine start!

WARNING – endurance of a Champ 7DC is two hours with full fuel (fuel flow is about 6gph at normal cruise)

You should be on final no later than 2 hours after start, assuming you started with completely full fuel.

If you start with partial fuel, you need to make appropriate adjustments to your endurance time.