

1946 Aeronca 7AC N1059E Preflight Checklist

Preflight Inspection

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
- Magnetos..... Off
- Fuel Gauge..... Check
- Fuel Valve..... On
- Flight Controls..... Freedom of movement
- Rudder Pedal Cables..... Condition
- 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, Nuts/Bolts/Cotter pins in place, Freedom of movement, Drain holes clear
- Wing Tip..... Condition
- Pitot-Static Tube..... Visual check unobstructed
- Inspection plates..... Secure
- Fabric..... Check condition, Holes, Rips
- Struts..... Bolts/Nuts, Dents, Not bent

Right Main Gear

- Mounting Point..... Condition of bolts
- Tires..... Condition & Inflation
- Brakes/Cables..... Condition
- Oleo Strut..... Condition

Nose Section

- Windshield..... Condition & Cleanliness
- Fuel..... Quantity, Cap secure
- Engine Compartment..... Condition, Leakage, Etc.
- Oil..... Quantity 4-5 qts normal (min 3.5 qts)
- Oil Cap..... Secure

- Cowling..... Condition, Screws/Fasteners secure
- Air Filter..... Condition
- Propeller/Spinner..... Condition, Secure, No dents or cracks
- Exhaust Pipes..... Check for movement
- Fuel sample..... Clean

Left Main Gear

- Mounting Point..... Condition of bolts
- Tires..... Condition & Inflation
- Brakes/Cables..... Condition
- Oleo struts..... Condition

Left Wing

- Fabric..... Check condition, Holes, Rips
- Struts..... Bolts/Nuts, Dents, Not bent
- Wing Tip..... Condition
- Aileron..... Condition, Nuts/Bolts/Cotter pins in place, Freedom of movement, Drain holes clear
- Inspection Plates..... Secure
- Root Fairing..... Secure

Aft Fuselage

- Bottom of Aircraft..... Tears, Leakage, Etc.

Empennage

- Tail Surfaces & Brace Wires... Condition
- Elevator/Trim Tab/Rudder... Hinges & Attach points, Condition, Freedom of movement
- Control Cables..... Tension, Attachment, Condition
- Tail Wheel..... Condition, U-bolt, Cotter pins & Nuts

Final Walk Around

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

WARNING – Endurance of a Champ 7AC is three hours with full fuel. (fuel flow is about 4.5gph at normal cruise)

Be on the ground no later than 2.5 hours after start, with full fuel. With partial fuel, make appropriate adjustments to endurance time.