

Preflight Inspection

Cockpit

Hobbs meter	CHECK
Required Docs	A.R.O.W.
Control Lock	REMOVE
Ignition	OFF
Fuel Gauges	CHECK
Lights as req.	CHECK
Master Switch	OFF

Right Wing

Wing root fairing	CHECK
Fuel Sump	DRAIN
Ailerons	CHECK
Wing Tip	CHECK
Pitot Tube	CLEAR
Tie-Down	REMOVE
Wing & Struts	CHECK
Fuel Quantity	CHECK
Fuel Cap	SECURE
Main Gear	CHECK

Nose Section

Windshield	CLEAN
Oil Quantity	3.5 QTS MIN
Cowling	SECURE
Propeller	CHECK
Alternator Belt	CHECK
Landing Light	CHECK
Air Intakes	CLEAR
Fuel Sump	DRAIN

Oil Capacity	5 Qts
Fuel Capacity	26 Useable
Useful Load	594 lbs

O85 CTAF	122.8
O85 ASOS	118.675
O85 Elevation	723 ft

1957 Champ 7EC N7550B

Left Wing

Main Gear	CHECK
Fuel Quantity	CHECK
Fuel Cap	SECURE
Fuel Vent	CLEAR
Wing & Struts	CHECK
Landing Light	CHECK
Tie-Down	REMOVE
Wing Tip	CHECK
Ailerons	CHECK
Fuel Sump	DRAIN
Wing root fairing	CHECK

Fuselage and Tail

Fuselage	CHECK
Antennas	CHECK
Static Port	CHECK
Brace Wires	CHECK
Elevator	CHECK
Rudder	CHECK
Tie-Down	REMOVE
Tailwheel	CHECK
Fuselage	CHECK

**Pull aircraft to clear area
before starting, tailwheel
straight and normal**

Rotate	50-60
Climb	60-65
Vx - @2000'	55
Vy - @2000;	62
Approach	60-70
Vs - stall	40
Best glide	67

Before Starting Engine

Safety Belts	ON
Fuel	ON
Carb Heat	COLD
Electrical Equip	OFF
Avionics	OFF
Door	CLOSED
Brakes	SET

Start Engine

Master Switch	ON
Strobes	ON
Mixture	RICH
Prime	AS REQ
Throttle	1/4"-1/2"
Prop Area	CLEAR
Ignition	BOTH ON
Stick	BACK
Starter	ENGAGE
Throttle	800 RPM
Oil Pressure	GREEN

Before Taxi

Lights	AS REQ
Radios	ON/SET
Transponder	SBY
Brakes	CHECK

Pre Takeoff Check - Runup

Flight Controls	CHECK
Instruments	CHECK
Fuel	ON
Stick	BACK
Throttle	1700 RPM
Ignition	CHECK
Carb Heat	CHECK
Oil Temp	GREEN
Oil Pressure	GREEN
Throttle	800 RPM
Ammeter	CHECK

Before Takeoff

Safety Belts	ON
Door	LATCH
Trim	SET
Lights	AS REQ.
Transponder	ALT
Time	NOTE
Mixture	RICH

Departing Airport Area

Landing Light	OFF
Gauges	GREEN
Enroute climb	60-70

Before Landing

Brakes	CHECK
Landing Light	ON
Fuel	ON
Mixture	RICH
Safety Belts	ON
Carb. Heat	ON

After Landing

Carb. Heat	COLD
Lights	AS REQ.
Transponder	SBY

Engine Shutdown

Avionics	OFF
Lights	OFF
Mixture	CUTOFF
Ignition	OFF
Master Switch	OFF
Hobbs Meter	CHECK
Window & Vents	CLOSE
Control lock	INSTALL
Tiedowns	INSTALL
Chocks	INSTALL