

Preflight Inspection

Cockpit

Required Docs	A.R.O.W.
Control Lock	REMOVE
Avionics (Bus 1&2)	OFF
Master Switch	ON
Hobbs & Tach	CHECK
Fuel Gauges	CHECK
Lights	CHECK
Flaps	10°
Master Switch	OFF

Fuselage and Tail

Fuselage & Doors	CHECK
Antennas	CHECK
Rudder	CHECK
Tie-Down	REMOVE
Elevator & Trim	CHECK
Fuselage & Door	CHECK

Right Wing

Landing Gear	CHECK
Fuel Sumps (5)	DRAIN
Flap	CHECK
Aileron	CHECK
Wing Tip	CHECK
Leading Edge	CHECK
Tie-Down	REMOVE
Fuel Quantity	CHECK
Fuel Cap	SECURE

O85 CTAF	122.8
O85 Elevation	723 ft
KRDD ATIS	124.1
KRDD Tower	119.8
KRDD Ground	121.7
Oil Capacity	8 Qts
Fuel Capacity	53 Usable
Useful Load	828 lbs

Cessna 172SP N6269Q

Nose Section

Oil Quantity	6 QTS MIN
Fuel Sumps (3)	DRAIN
Landing Gear	CHECK
Propeller & Spinner	CHECK
Alternator Belt	CHECK
Air Intakes & Filter	CHECK
Static Port	CHECK

Left Wing

Fuel Quantity	CHECK
Fuel Cap	SECURE
Leading Edge	CHECK
Pitot Tube	CLEAR
Stall Warning	CHECK
Landing Light	CHECK
Fuel Vent Line	CLEAR
Tie-Down	REMOVE
Wing Tip	CHECK
Aileron	CHECK
Flap	CHECK
Fuel Sumps (5)	DRAIN
Landing Gear	CHECK

Clear around aircraft area before boarding & starting

Vx	62
Vy	74
Best Glide	68
Approach	65-75
Approach w/flaps	60-70
Short field approach	61
Vso	40
Vs	48
Vfe	85
X- wind	15

Before Starting Engine

Safety Belts	ON
Circuit Breakers	IN
Avionics (Bus 1&2)	OFF
STBY BATT (E+24, M-1.5)	TEST & ARM
Fuel Selector	BOTH & ON
Brakes	HOLD/SET

Start Engine

Master (ALT & BAT)	ON
Beacon	ON
Throttle	1/4 inch
* Fuel Pump	ON
* Mixture	RICH 3-5 sec. (until fuel flow, then IDLE)
*Fuel Pump	OFF
Prop Area	CLEAR
Starter	ENGAGE
Mixture	RICH on start
Oil Pressure	GREEN
Hot Start-omit steps marked with *	

Before Taxi

Lights	AS REQ.
Flaps	UP
Avionics (Bus 1&2)	ON
Transponder	1200
Brakes	CHECK
Mixture Lean 1"	FOR TAXI

Pre Takeoff Check

Flight Controls	CHECK
Instruments (PFD)	CHECK
Fuel	BOTH
Throttle	1800 RPM
Magnetos	CHECK
Vacuum	CHECK
Oil Pressure & Temp	CHECK
Ammeter & Volts	CHECK
Annunciators	CHECK
Throttle	1000 RPM

Before Takeoff

Safety Belts	ON
Door/Window	LATCH
Flaps	SET
Trim	SET
Lights	AS REQ.
Radios & Transponder	SET
Autopilot	OFF
Mixture	RICH

Departing Airport Area

Landing Light	OFF
Gauges	GREEN
Enroute climb	75-85

Before Landing

Autopilot	OFF
Fuel	BOTH
Mixture	RICH
Landing Light	ON
Safety Belts	ON

After Landing

Flaps	UP
Lights	AS REQ.
Mixture Lean 1"	FOR TAXI

Engine Shutdown

Avionics (Bus 1&2)	OFF
Electrical (lights, etc.)	OFF
Mixture	CUTOFF
Magnetos (Key)	OFF & OUT
Hobbs & Tach	CHECK
Master (& STBY BATT)	OFF
Control lock	INSTALL
Tiedowns & covers	INSTALL

Checklists for reference only. Always refer to the approved aircraft manual for proper operating procedures.