

PREFLIGHT

INTERIOR

Airworthiness	VERIFY
Ignition	OFF
Master BAT	ON
EFIS 1	ON/EMS
Pitch & Roll Trim	NEUTRAL
Fuel Qty	CHECK
Engine Button	CLEAR TIMER
Fuel Computer Qty	ADJUST
Fuel Selector	FULLEST TANK
Flaps	30 DEGREES
Circuit Breakers	CHECK IN
Exterior Lights	ON - CHECK - OFF
EFIS 1	OFF
Master BAT	OFF

EXTERIOR

Canopy	CLOSED
L Wing Flap/Aileron	CHECK
L Wing Tip	CHECK
Pitot/Static Port	CHECK
L Wing Tiedown	DISCONNECT
L Wing Leading Edge	CHECK
L Wing Fuel	CHECK
L Wing Locker	SECURE
L Landing Gear/Tire	CHECK
Nose Landing Gear/Tire	CHECK
Cowling	SECURE
Propeller & Spinner	CHECK
Engine Oil Qty	CHECK (50% in flat)
R Wing Locker	SECURE
R Landing Gear/Tire	CHECK
R Wing Tiedown	DISCONNECT
R Wing Fuel	CHECK
R Wing Leading Edge	CHECK
R Wing Tip	CHECK
R Wing Flap/Aileron	CHECK
R Aileron Trim Tab	CHECK
R Fuselage	CHECK
Elevator / Stabilizer	CHECK
Elevator Trim/Anti-servo	CHECK
Rudder/Stabilizer	CHECK
Rudder Trim Tab	CHECK
Antennas	CHECK
Tail Tiedown	DISCONNECT
L Fuselage	CHECK
Fuel Sumps (X3)	DRAIN & CHECK

BEFORE START

Preflight	COMPLETE
Rudder Pedals	ADJUST & LOCK
Parachute Pin	STOW IN CONSOLE
Circuit Breakers	CHECK IN
Seatbelts	ON
Brakes	HOLD
Master BAT & GEN	ON
EFIS 1	ON
Nav Lights	ON

START

Fuel Pump	ON
Throttle	IDLE (Oil Temp <120°)
	5% (Oil Temp >120°)
CHOKE	ON (Oil Temp <140°)
	OFF (Oil Temp >140°)

Prop Area	CLEAR
Canopy	LOWER
Starter	ENGAGE
At First Sign of Start	RELEASE STARTER
	CHOKE SLOWLY OFF
Throttle	2000 RPM
Oil Pressure	> 12 PSI in 10 SECS
	When oil temp green & aircraft stopped
Throttle	2500 RPM

BEFORE TAXI

EFIS 2	ON
Avionics Master	ON
Landing Light	ON
Flaps	UP
Brakes	TEST

Taxi out of alley

Before Taxi Brief	SEE E-QREF
GPS	ACCEPT/MAP
XPNDR	VFR
Weather	OBTAIN
COM Frequencies	SET
Instruments	CHECK
FMS/NAV/CDI	SET & ACTIVATE
Canopy	SECURE
Taxi Diagram	AVAILABLE
Flight Controls	FREE & CORRECT
Taxi Route/ Hotspots	OBTAIN & BRIEF
Taxi	2500 RPM or LESS

SPORTCRUISER

This abbreviated checklist does not supersede any official regulations, procedures or documents

RUNUP

Com Frequencies	SET
Landing Light	OFF
Brakes	HOLD
Oil Temp	VERIFY > 120
Throttle	4000 RPM
Engine Instruments	CHECK
L&R Ignition (300ea /115diff)	CHECK
Throttle	IDLE then 2500 RPM

BEFORE TAKEOFF

Seatbelts	SECURE
FMS	BRIEF
Messages	CONSIDER
Fuel Qty	STATE
Fuel Selector Valve	FULLEST TANK
Flaps	0 or 12 DEGREES
Trims	NEUTRAL
Canopy	LOCKED
Departure Brief	COMPLETE

When entering runway

Panel Switches	ALL UP
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AFTER TAKEOFF & CLIMB

Flaps	RETRACTED
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CRUISE

Throttle	AS REQD
Landing Light	OFF
Nav Lights	OFF
Engine Instruments	CHECK
Fuel Qty	STATE

PRE-MANEUVER

Fuel Pump	ON
Fuel Qty	STATE
Fuel Selector Valve	FULLEST TANK
Landing Light	ON
Area	CLEAR

DESCENT & BEFORE LANDING

Weather	OBTAIN
Panel Switches	ALL UP

In the pattern

Fuel Pump	ON
Fuel Qty	STATE
Fuel Selector Valve	FULLEST TANK
Seatbelts	SECURE
Flaps	AS REQD
Approach	HEELS ON FLOOR

AFTER LANDING

Run as flow, confirm at next stop

Flaps	UP
Strobe Lights	OFF

SECURING

Parachute Pin	INSTALL
XPNDR	VFR
Interior Lights	OFF
Throttle	IDLE
Fuel Pump	OFF
Landing Light	OFF
Nav Lights	ON
Avionics	OFF
EFIS 1 & 2	OFF
Ignition	OFF
Master GEN	OFF
Master BAT	OFF
Engine Times	RECORD
Aircraft	SECURED
Post-Flight Inspection	COMPLETE