CHECKLIST OO-RAQ

BEFORE STARTING ENGINE

Tow bar	Removed
Pre-flight check	Completed
Ship's papers	On board
Weight and balance	Checked
Seats and belts	Adjusted and locked
Doors	Locked
All switches & avionics	OFF
Throttle	IDLE
Mixture	LEAN
Carburettor heat	COLD
Master switch	ON
Warning lights	Check
Engine instruments	Check readings
Fuel level	Check fuel quantity indicator
Fuel valve	BOTH
Primer	As required, check locked
Mixture	Full RICH
Throttle	Cycle once, then 5 mm open
Toe Brakes	ON
Propeller area	Check Clear

Start engine

BEFORE TAXYING

Throttle	1200 rpm
Oil pressure	Check pressure in green
Alternator switch	ON
	Check low volt warn. light out
	Check positive amps on Mon
Radio's	ON
Transponder	Squawk '7000', Standby
Flaps	Check operation, then UP
Strobes	ON
Trim	Check & set
Controls	Free & correct

TAXI

Parking brake	OFF
Engine instruments	Check readings
Brakes and steering	Check
Gyros	Check

BEFORE TAKE-OFF

Doors	Check locked
Toe Brakes	ON
Throttle	1800 rpm
Magnetos	Check L/R/Both
Carburettor heater	Check
Suction gage	Check
Throttle	IDLE, 600-800 RPM
Throttle	1000 rpm, magnetos on/off
Flight instruments	Check
Engine instruments	Check
Mixture	Full Rich
Magnetos	Both
Carburettor heat	COLD
Flaps	Set for take-off
Fuel selector	BOTH
Landing light	ON
Red lights	None

WHEN CLEARED FOR TAKE-OFF

Approach area	Look for other aircraft
Directional gyro	Set on runway QFU
Pitot heat	As required

WHEN AIRBORNE

Toe brakes	Apply
Flaps	Up
Landing light	OFF
Transponder	Squawk Mode C

DOWNWIND

Engine instruments	Check
Mixture	Full rich
Fuel selector	BOTH
Carburettor Heat	HOT
Speed	Slow down to 70 kts
Flaps	Set 10 deg

FINAL

Carburettor heat	COLD
Flaps	Set 20-30 deg, as required
Speed	60 kts

AFTER LANDING

Flaps	UP
Landing light	OFF
Pitot Heat	OFF
Transponder	Standby
Trim	Neutral
Mixture	Adjust to lean

SHUTDOWN

Throttle	1000 rpm
Avionics	OFF
All lights & switches	OFF
Mixture	Full lean
Master switch	OFF
Alternator switches	OFF
Magnetos	OFF, remove key
Fuel valve	OFF