

I/ Internal

1/ Magnetos (key)	OFF
2/ Log-book & documents	On board
3/ Control lock	Removed
4/ Avionics & all electrical switches	OFF
5/ Battery switch	ON
6/ Flaps	Down
7/ Stall warning	Check
8/ Light (if necessary)	Check
9/ Fuel quantity indicators	Check
10/ Battery switch	OFF

II/ External

1/ Left wing	Check
2/ Pitot tube	Check
3/ Left fuel tank	Check level
4/ Left landing gear	Check
5/ Left fuel sump	Drain
6/ Tow bar	Remove
7/ Propeller	Check
8/ Air filter	Check
9/ Landing light	Check
10/ Tire and nose gear	Check
11/ Engine oil	Check level
12/ Fuel stain	Drain
13/ Right landing gear	Check
14/ Right fuel sump	Drain
15/ Right fuel tank	Check level
16/ Right wing	Check
17/ Right fuselage	Check
18/ Empennage	Check
19/ Left fuselage	Check
20/ Wind shield & windows	Clean

III/ Before starting

1/ Parking brake	Set
2/ Seat	Adjust & lock
3/ Safety belts	Fasten
4/ Cabin doors	Lock
5/ Flight controls	Free + check
6/ Avionics & all electr. sw	OFF
7/ Circuit breakers	IN
8/ GSM	OFF
9/ Flight log, maps & charts	Ready
10/ Fuel selector	ON
11/ Battery + Alt. switches	ON
12/ Low fuel warning light	Test right ; test left
13/ Undervolt light	Check illuminated
14/ Overvolt light	Press to test
15/ Fuel pump	ON + Check 4-7 PSI

IV/ Starting engine

1/ Mixture	Rich
2/ Carbu heat	OFF
3/ Throttle	Pump + 2 cm
4/ Propeller area	Clear
5/ Magneto switch	On Both
6/ Primer	Push 3-5 sec
7/ Starter	Engage

V/ After starting

1/ RPM	1000
2/ Oil pressure	Check
3/ Over & Undervolt lights	OFF
4/ Ammeter	Charging
5/ Fuel pump	OFF + Check pressure
6/ Flap	Check + UP
7/ Lights	As required
8/ Transponder	OFF / STB
9/ Avionics switch	ON
10/ Intercom	ON
11/ Altimeter	Set
12/ Gyros	Set
13/ Taxi clearance	Received
14/ Parking brake	Released

VI/ During taxi

1/ Brake	Check
2/ Pressure instrument	Check
3/ Gyro instrument	Check
4/ Radio-nav	Check + Set

Airspeeds for safe operation :

Best Rate-of-climb (Vy)	68 kts
Best Angle-of-climb (Vx)	61 kts
Balked landing climb (Flaps down)	63 kts
Maximum crosswind	15 kts
Maximum turbulent air speed	109 kts
Take-off speeds :	
Rotation	56 kts
50 feet	60 kts
Landing approach	63 kts