

Initial Checks

1	Daily Check.....	Done
2	Tow Bar.....	Removed
3	Keys.....	Out of Ignition
4	Passenger Briefing.....	Done
5	Baggage Area.....	Secured
6	Pedals.....	Adjusted and Locked
7	Fuel Valve.....	Open
8	Safety Harness.....	Secured
9	Throttle.....	Idle
10	Propeller Lever.....	Forward
11	Carb. Heat.....	Off
12	Parking Brakes.....	On
13	Stick+Rudder.....	Free
14	Avionics and Electrical Componnts	Off
15	Master Switch.....	On
16	Warning Light.....	Check all 3 are working
17	Fuel Quantity.....	Check
18	Circuit Breakers.....	Check
19	Canopy.....	Locked
20	Canopy Warning Light.....	Off and checked

Engine Start

1	Fuel Pump.....	On
2	Fuel Pressure Warning Light.....	Off and checked

For a Cold Start

3	Throttle.....	Idle
4	Choke.....	Full Back and Hold

For a Warm Start

3	Throttle.....	1/2cm
4	Choke.....	Off

Start

5	Foot Brakes.....	Hold
6	Propeller Area.....	Free
7	Magnetos	Start
8	Throttle.....	1000-1200 RPM
9	Oil Pressure	Green/yellow within 10 seconds
10	Generator Warning Light.....	Off and checked
11	Choke	Off
12	Strobe Light.....	On
13	Fuel Pump.....	Off

Before Taxiing

- 1 Avionics Switch..... On
- 2 Radio Com/Nav/GPS..... Frequency and Volume
- 3 Transponder..... STBY 7000
- 4 Heading Gyro..... Set
- 5 Attitude Gyro..... Cage
- 6 Altimeter..... Set
- 7 Block Time Note

Taxiing

- 1 Brakes..... Check
- 2 Heading, Attitude Compass..... Taxi Check

Before Engine Checks

- 1 Parking Brakes..... On
- 2 Throttle..... 1500 RPM
- 3 Flaps..... Set to LDG, then back to T/O
- 4 Choke..... Off
- 5 Trim..... Neutral
- 6 Emergency Briefings..... Runway, Low Alt., Engine Trouble
- 7 Departure Briefing..... Crosswind / Exit Point

Engine Checks

- 1 Parking Brakes..... On
- 2 Oil Temperature..... Wait till Green / 1500 rpm to help
- 3 Throttle..... 2000 RPM
- 4 Propeller Lever..... Pull back 3 times for RPM drop
(RPM drop 50-250)
- 5 Magnetos..... L - BOTH - R - BOTH
(Max: 150, diff (L/R): 50 RPM)
- 6 Engine Instruments..... In the Green Range
- 7 Throttle..... Set 1500 RPM
- 8 Carb. Heat..... On / Off
(RPM drop max 50)
- 9 Throttle..... Check Idle then 1200 RPM
- 10 Warning Lights..... Off and checked working

Before Line-Up

- 1 Fuel Pump..... On
- 2 Landing Light..... On
- 3 Carb. Heat..... Off
- 4 Propeller Lever..... Forward
- 5 Circuit Breakers..... Check all are In
- 6 Safety Harness..... On
- 7 Heading Gyro..... Check
- 8 Departure Clearance..... Request
- 9 Transponder..... ALT
- 10 Time..... Note

Take-Off

- 1 Throttle..... Full
- 2 Engine Speed..... 2260-2385 RPM
- 3 Rotate..... 50 kts
- 4 Climb Speed..... 60 kts

Climbing 300ft

- 1 Fuel Pump..... Off
- 2 Landing Light..... Off
- 3 Flaps..... Up
- 4 Engine Instruments..... Green Range
- 5 Climb Speed..... 70 kts

Downwind

- 1 Fuel Pump..... On
- 2 Landing Light..... On
- 3 Speed..... max 81 kts
- 4 Flaps..... T/O
- 5 Carb. Heat..... On

Final

- 1 Final Speed..... 60 kts
- 2 Flaps..... LDG
- 3 Carb. Heat..... Off
- 4 Propeller Lever..... Forward

Aborted Landing

- 1 Throttle..... Full
- 2 Propeller Lever..... Forward
- 3 Carb. Heat..... Off
- 4 Flaps..... T/O
- 4 Climb Speed..... 60 kts

After Landing

- 1 Fuel Pump Off
- 2 Flaps..... Up
- 3 Transponder..... STBY
- 4 Landing Time..... Note

Shutdown

- 1 Parking Brakes..... On
- 2 Block Time..... Noted
- 3 Throttle..... Idle 2 mins
- 4 Avionics Switch..... Off
- 5 Electical Components..... Off
- 6 Magnetos..... Off and Out of Ignition
- 7 Master Switch..... Off
- 8 Instrument Lights..... Off
- 9 Logbook..... Complete