



1 BEFORE ENGINE START

Preflight check	COMPLETED
Magnetos	Both OFF
Rudder pedals	ADJUST
Seat belts	FASTEN
Canopy	CLOSE and LATCH
Parking brake	Set BRAKE
Master switch	ON
Elevator trim	Set to NEUTRAL +1
Fuel quantity	CHECK
Instruments	CHECK
Prop Pitch Selector	CONSTANT SPEED
Prop RPM Selector	Set 5700

2 STARTING ENGINE

Lights (ACL)	ON
Fuel selector	set LEFT TANK
Choke	On cold engine: ACTIVATE
Throttle lever	Set to IDLE
Starter key	Switch to 1st position
Fuel pump	Switch ON, wait for pressure, then OFF
Magnetos	Both ON
Prop Area	CHECK CLEAR
Starter key	START
RPM	SET 2500
Oil pressure	Check green range

3 AFTER ENGINE START

Warm up	2500 rpm until oil temp reaches 50°C
Engine instruments	CHECK
Radio	ON
Intercom	ON
Avionics Master	ON
Radios & Nav aids	SET
AHRS / HDG	CHECK NO FLAGS
Clearance / QNH	OBTAIN
Altimeters (2)	SET
Transponder	SET CODE / STBY
Flaps, full travel	CHECK, then T/O
Parking brake	RELEASE

4 DURING TAXI

Brakes	CHECK
Flight Instruments	CHECK

5 BEFORE TAKE OFF/RUN-UP

Brake	Set BRAKE
Throttle	4000 rpm
Magneto check	Select magnetos off one per time. Check RPM drop. Max drop 300 RPM, max difference 115 RPM
Magnetos	Both ON
Prop Pitch Selector	MANUAL
Propeller Pitch check	Cycle MIN-MAX-MIN
Prop Pitch Selector	CONSTANT SPEED
Prop RPM selector	Set 5700
Engine instruments	CHECK
Brake	RELEASE

6 LINE UP / TAKE OFF

Flight controls	CHECK
HDG indication	CHECK
Transponder	CODE / ALT
Landing Lights	AS REQUIRED
T/O Clearance	CHECK
Fuel Pump	ON
Brakes	FULL
Power Lever	MAX
➔ CHECK ENGINE INSTRUMENTS / RPM NOT EXCEEDING 5800	
Brake	RELEASE
Rotate	49-51 KIAS (Mass Depending)

7 CLIMB

Best rate of climb speed	65-70 KIAS (Mass Depending)
Prop RPM	5500
After climb established (+200ft AGL):	Speed 68+ KIAS FLAPS UP
Throttle	27 inHG

8 CRUISE

Flaps	CHECKED UP
Landing light	CHECKED OFF
Prop RPM	4300
Throtte	24 inHG
Fuel transfer	REPEAT AS REQUIRED



9 DESCENT / APPROACH

QNH	CHECK
Altimeters (2)	SET
COM / GPS	SET
Seatbelts	FASTENED

10 BEFORE LANDING

Downwind, latest base leg:

Power	~18/5500
Speed Check	<76 KIAS
Flaps	APPROACH
Airspeed	~70 KIAS
Landing Light	ON

On final:

Fuel selector	LEFT TANK
Fuel pump	ON
Flaps	LDG
Airspeed	65-70 KIAS (Mass Depending)

11 GO AROUND

Power	MAX
Flaps	T/O

Continue with take-off profile

12 AFTER LANDING

Power	IDLE
Brakes	AS REQUIRED
Fuel pump	OFF
Flaps	UP
Trim	SET Neutral + 1
Transponder	STBY

13 SHUT DOWN

Brake	Set PARK
Power lever	IDLE
Prop Pitch Selector	5700/MIN
Avionics Master	OFF
Magnetos	Switch off one at a time, time between 5 seconds.
Fuel quantity	CHECK AND WRITE DOWN
Master switch	OFF

