

## **PREFLIGHT**

Documents	Complete & Accurate
Emer Equip	Serviceable
Magnetos	Off, Key Removed
Control Lock	Removed
Radio & Transpndr	Off
Master	Pull On
Alt In-Opera Lt	On
Fuel Gauges	Needles Move
Stall Warn	Audible
Master	Push Off
Elevator Trim	Full Travel & Set For T/O
Flaps	40°
Walkaround	Complete
Fuel Quantity	Dip Tanks & Caps Tight
Flaps	0°
Flight Plan & FW	Filed & Contacted

## **BEFORE START**

Passenger Briefing	Complete
Spot	On, Confirm, Batteries
Seat Belts & Doors	Secure

Flight Controls	Free & Correct
Circuit Breakers	In
Carb Heat	Cold
Throttle	Open ¼ Inch
Mixture	Full Rich
Fuel Selector	On

## **ENGINE START**

Brakes	On
Magnetos	Both
Prime as Required	2 Cold/1 Warm/0 Hot
Master	Push On
Strobe	On
Prop Area	“Clear”
Starter	Push

## **AFTER START**

Throttle	1000 RPM for 1-2 mins
Oil Pressure	Green-30 PSI in 30sec /60sec Winter
Oil Temp	Confirm Rise Before Taxi
Primer	Locked
Carb Heat	On, If Required
Alternator Switch	On
Alt In-Oper Light	Off
Volts	Normal
Radio	On, 121.5, Then Taxi Freq
Transponder	Standby

## **BEFORE TAXI**

Magnetos	Both
Primer	Locked
Carb Heat	Cold
Mixture	Rich
Radio	Broadcast Intentions

## **DURING TAXI**

Flight Instruments	Compass, Dg, T/B
Brakes	Test

## **RUN-UP**

Brakes	Set
Throttle	1600 RPM
Oil Temp & Press	Green
Suction	Normal
Volts	Normal
Mixture Check	Complete
Carb Heat Check	RPM Drop
Magnetos Check	Max Drop 125, Max Diff 50
Throttle Idle	Oil Press & Volts Normal
Throttle	1000 RPM

## **BEFORE TAKEOFF**

Doors & Windows	Secure
Flaps	Select For T/O
Trim	Set For T/O
Altimeter	Set
Heading Indic	Set
Transponder	ALT
Speeds	Review
Time	Recorded
Emergency Field	Call Out

## **CRUISE**

RPM	2000-2400
Mixture	Rich to 5000 AGL
Fuel Quantity	Monitor
Engine Instruments	Normal
Carb Heat	Freq Carb Ice Check

### **BEFORE LANDING**

Master	On
Mags	Both
Primer	Locked
Mixture	Rich
Carb Heat	On
Fuel Selector	On
Flaps	Set

### **AFTER LANDING**

Flaps	0°
Carb Heat	Off
Transponder	Standby
Time	Recorded

### **SHUT DOWN**

Radio	121.5 then Off
Transponder	Off
Live Mag	Grounded
Throttle	1100 RPM
Mixture	Off
Magnetos	Off
Alternator	Off
Master	Push Off
SPOT	Press Ok
Flight Plan	Close
Flight Watch	Contact
Refuel	Complete

### **IN HANGAR**

SPOT	Off
Logbook	Complete
White Board	Update