

Pre-Flight Inspection

Chocks (Parking Brake).....Set
Battery SwitchOff
Fuel Valve Closed
Mixture..... Lean
MagnetoOff
Fuel Pump.....Off
Engine Master.....Off

Before Starting Engine

Chocks (Parking Brake).....Set
Doors Closed and locked
Battery Switch On
Flight Controls.....Free and Correct Movement

Starting Engine

Magneto Both
Mixture..... Rich
Fuel Valve Open
Fuel pump..... On
Throttle Open ½ inch
Engine Master..... On
Propeller areaClear
Primer..... Hold for 20 seconds on a cold day
Engine Starter On
Engine gauges..... Check within limits

Engine Run Up

Chocks (Parking Brake).....Set

Doors Closed and locked
Control YokeFully Aft
Throttle..... Advance until 2500RPM
Magneto Set to Right
RPM Indicator Check for decrease in RPM <90
Magneto Set to Both
RPM IndicatorCheck stabilised
Magneto Set to Left
RPM Indicator Check for decrease in RPM <90
Magneto Set to Both
RPM IndicatorCheck stabilised
Throttle.....Idle
Control Yoke Centre
Engine temperatures..... Check within limits

Normal Take Off & Climb

Flight Controls..... Free and Correct Movement
Chocks (Parking Brake).....Remove (Release)
Throttle..... Advance
Manifold Pressure..... 24 InHG
RPM.....2050
Rotation..... Greater than 112 KMPH
Carb Heat.....As Required

Cruise

Flight instruments Check
Fuel pump.....Off
Manifold Pressure..... 21.5 InHG
RPM.....Between 1850 and 2000
Carb Heat.....As Required

Descent

Fuel pump..... On
ThrottleAs required
VNE..... 250 KMPH

Normal Landing & Roll Out

Fuel pump..... On
Threshold..... 120 KMPH
Touchdown..... Greater than 111 KMPH
Control Yoke Aft less than 60 KMPH
Throttles Idle
Tail Skid Contact with the ground to allow for slowing and stopping

After Landing & Shutdown

Chocks (Parking Brake)..... Set once come to a full stop
ThrottleRun the engine up to 1400RPM for 20 seconds
Throttle Idle
Mixture..... Lean
Magneto Off
Engine Master..... Off
Fuel Pump..... Off
Fuel Valve Closed
Battery Switch Off