

Pre-Flight Inspection

Parking Brake.....	Set
Battery.....	Off
Alternators	Both Off
Strobe Light Switch (Beacon).....	Off
Nav Light.....	Off
Pitot Heat	Off
Magnetos	All Off
Fuel Boost Pumps	All Off
Engine Master Switches	All Off
Radio / Inst Master	Off
Throttles	All Idle
Mixture.....	All Lean
Prop Pitch Levers	All Aft
Fuel Valves.....	All Closed
Carby Heat.....	All Off

Before Starting Engine

Parking Brake.....	Set
Doors.....	Closed and locked
Flight Controls.....	Free and Correct Movement
Battery.....	On
Alternators	Both On
Strobe Light Switch (Beacon).....	On
Fuel Valves.....	All Open
Carby Heat.....	All Off
Throttles	All Idle
Mixture.....	All Lean
Prop Pitch Levers	All Aft

Starting Engines

> Engine 3 Start - Starboard

Engine 3 Master Switch	On
Engine 3 Magneto (Starboard)	Both
Engine 3 Fuel Boost Pump	On
Engine 3 Prime	Approx. 20 seconds on a cold day
Engine 3 Throttle.....	Open ½ inch
Engine 3 Mixture.....	Rich
Engine 3 Prop Pitch Lever	Fully Forward
Propeller area	Clear
Engine 3 Start.....	On
Engine 3 Gauges.....	Check within limits
Throttle 3	Idle

> Engine 2 Start - Centre

Engine 2 Master Switch	On
Engine 2 Magneto (Centre)	Both
Engine 2 Fuel Boost Pump	On
Engine 2 Prime	Approx. 20 seconds on a cold day
Engine 2 Throttle.....	Open ½ inch
Engine 2 Mixture.....	Rich
Engine 2 Prop Pitch Lever	Fully Forward
Propeller area	Clear
Engine 2 Start.....	On
Engine 2 Gauges.....	Check within limits
Throttle 2	Idle

> Engine 1 Start - Port

Engine 1 Master Switch On
Engine 1 Magneto (Port) Both
Engine 1 Fuel Boost Pump On
Engine 1 Prime Approx. 20 seconds on a cold day
Engine 1 Throttle Open ½ inch
Engine 1 Mixture Rich
Engine 1 Prop Pitch Lever Fully Forward
Propeller area Clear
Engine 1 Start On
Engine 1 Gauges Check within limits
Throttle 1 Idle

After Engine Start

Alternators Check Both On
Radio / Inst Master On
Transponder On
Radios On

Taxiing

Parking Brake Off
Control Yoke Fully Aft
Throttles Advance 10%
Toe Brake Check After Movement
Control Yoke Fully Forward During Taxi
Throttles As Required

Engine Run Up

Position Aircraft Into Wind

Parking Brake Set
Doors Closed and locked
Control Yoke Fully Aft
Engine 3 Throttle Advance until 2500RPM
Magneto 3 Set to Right
RPM Indicator Check for decrease in RPM <90
Magneto 3 Set to Both
RPM Indicator Check stabilised
Magneto 3 Set to Left
RPM Indicator Check for decrease in RPM <90
Magneto 3 Set to Both
RPM Indicator Check stabilised
Prop 3 Lever Cycling Fully Aft
Oil Pressure Gauge Check for Pressure Decrease
RPM Gauge Check for RPM Decrease
Prop 3 Lever Fully Forward
Throttle Idle
Control Yoke Centre
Engine temperatures Check within limits

Repeat Procedure for Engine 2 (Centre) and Engine 1 (Port)

Normal Take Off & Climb

Radios Set
Transponder Set
Nav Light On
Pitot Heat On
Flight Controls Free and Correct Movement

Control Yoke Centred
 Rudder Trim..... Half Right
 Elevator Trim Set as Required
 Parking Brake.....Release
 Throttles Advance
 RPM..... 2050
 Rotation..... Greater than 60 KIAS

Climb

Manifold Pressure..... 24 InHG
 RPM..... 2050
 Carby Heat..... As Required

Cruise

Flight instruments..... Check
 Manifold Pressure.....21.5 InHG or Less
 RPM..... Between 1850 and 2000
 Fuel Boost PumpsOff
 Carby Heat..... As Required

Descent & Approach

Fuel Boost Pumps On
 ThrottleAs required
 Prop Levers Fully Forward
 Approach Speed..... 70 KIAS
 Trims Set as Required
 Carby Heat..... As Required

Normal Landing & Roll Out

Threshold.....60 KIAS
 Aim for 3 point landing..... Tail Low Attitude
 Touchdown55 KIAS
 Stall Speed (VS1) 45 KIAS
 ThrottlesIdle
 Control Yoke Fully Aft less than 32 KIAS
 Tail Wheel.....Contact with the ground
 Toe Brakes Gentle Pressure Applied

Taxiing Back

Parking BrakeOff
 Control Yoke Fully Forward During Taxi
 ThrottlesAs Required
 Fuel Boost Pumps.....Off
 Nav LightsOff
 Pitot Heat.....Off
 Carby Heat.....Off

After Landing & Shutdown

Parking Brake Set once come to a full stop
 Throttle Run the engine up to 1400RPM for 20 seconds
 ThrottlesIdle
 Magnetos 1, 2, 3Off
 Mixtures 1,2,3..... Lean
 Prop Levers 1,2,3Fully Aft
 Radio / Inst Master.....Off
 Engine Master SwitchesAll Off
 Strobe Light Switch (Beacon).....Off
 Alternators..... Both Off
 Battery.....Off