

**PASSENGER BRIEFING**

Carry On Bag ..... Secure  
Seatbelt.....Operation  
Seatback..... Locked  
Exits .....Operation  
Safety Card.....Location  
Crew Instructions ..... Follow  
Fire Ext ..... Location / Use  
First Aid .....Location  
ELT ..... Location / Use  
Port. Elec. Dev ..... Off  
De-Icing ..... Disembark

**PRE-START**

Nose Gear Assembly ..... ON  
Flying Controls .....Check  
Trims..... Check & Set  
Auto Pilot..... OFF  
Av. Master & Electrics ..... OFF  
Gear Selector .....Down  
Master ..... ON / 3 green  
Voltage Regulator..... Main  
Alternators ..... ON  
Door Ajar Light ..... OFF  
Alternate Air ..... OFF  
Cowl Flaps..... Open  
Fuel Selectors..... ON  
Crossfeed ..... OFF

**START**

Props ..... Fine  
Mixtures .....Rich  
Throttles ..... Set to Prime  
Fuel Pumps ..... On to Prime/Off  
Mixtures..... ICO  
Throttles ..... 1/2”  
Mags ..... ON  
Props ..... Clear  
Starters .....Engage  
Mixtures .....Rich  
Oil Pressure .....Check  
Throttles .....800 rpm

**POST START**

Crossfeed .....ON  
Left Fuel Selector..... OFF  
Suction Buttons .....IN  
Circuit Breakers ..... Check  
Flaps..... UP  
Left Fuel Selector.....ON  
Right Fuel Selector ..... OFF  
Beacon ..... UP  
Avionics Master ..... ON  
Radios ..... Check  
Right Fuel Selector ..... ON  
Crossfeed ..... OFF  
Lights ..... as REQ  
Brakes ..... Check  
Instrument ..... Taxi Check

**RUN-UP**

CHT..... Min 200  
Fuel Selectors ..... T/O tanks  
Throttles ..... 1800  
Mags..... Check  
Alternators..... Output  
De-Ice Equipment ..... Check  
Throttles ..... 1500  
Props..... Cycle  
Mixtures ..... Check  
ALT Air ..... Check  
ENG Inst..... Check  
Slow Idle ..... 500-700

**AUTOPILOT**

FD/AP ..... ON  
MAN Trim..... RESET  
Trim Test Press..... Light ON  
Pitch UP/DN..... Check Ind  
Center Pitch..... Check Ind  
Controls / Bug ..... Center  
AP ..... Engage  
Overpower .....Pitch / Roll  
HDG ..... Engage  
Bug ..... + / -10°  
AP ..... Disengage  
Trims ..... Reset

**PRE-TAKE-OFF**

Flight INST..... SET  
 Alt Static .....Check  
 Autopilot.....As Desired  
 Fuel / Crossfeed .....Check  
 Fuel Pumps ..... ON  
 Mixtures.....Rich  
 Props ..... Forward  
 Flaps ..... 0°  
 Manual Trim ..... SET  
 Seatbelts..... ON  
 Doors / Windows .....Closed  
 Controls.....Check  
 Avionics..... SET  
 DEP Briefing..... Complete

- V<sub>MC</sub> – 80 MPH
- V<sub>YSE</sub> – 102 MPH
- V<sub>Y</sub> – 120 MPH
- T/O Emergency Review

Beacon.....Down  
 Lights.....as REQ  
 TPDR.....ALT  
 DE-ICE .....as REQ

**POST TAKE-OFF**

Gear ..... UP  
 Wings.....Clean  
 Climb Power.....24" / 2400RPM  
 Landing Light..... OFF  
 Fuel Pumps ..... OFF  
 Mixtures.....LEAN

**CRUISE**

Cowl Flaps..... CLOSED  
 Power ..... SET  
 Mixtures.....LEAN

**PRE-LANDING**

MAGS ..... ON  
 Master ..... ON  
 Autopilot ..... as REQ  
 Landing Light ..... ON  
 Fuel Pumps ..... ON  
 Mixtures ..... RICH  
 Props..... FORWARD  
 Gear.....DOWN  
 Engine INST..... Check  
 Heater..... FAN  
 Cowl Flaps..... as REQ  
 Fuel Selector ..... SET  
 Crossfeed ..... OFF  
 Seatbelts ..... Secure

**POST LANDING**

Beacon ..... UP  
 Lights ..... as REQ  
 Fuel Pumps ..... OFF  
 Transponder.....STBY  
 F/D ..... OFF  
 DE-ICE..... OFF  
 Stormscope ..... OFF  
 Heater..... OFF  
 FLAPS ..... UP  
 Cowl Flaps..... OPEN

**SHUTDOWN**

ELT ..... Check 121.5  
 Avionics Master ..... OFF  
 Beacon ..... OFF  
 Throttles ..... 800 rpm  
 MAGS ..... Check  
 Throttles ..... AFT  
 Mixtures ..... ICO  
 Master ..... OFF  
 Mags..... OFF