## Before Starting Engines

1. Cabin Door: LOCKED  
2. Load And Baggage: SECURE  
3. Weight And Cg: CHECKED  
4. Emergency Exit: LATCHED  
5. Seat Belts And Harnesses: FASTENED  
6. Control Locks: REMOVE  
7. Seat Belts And Shoulder Harnesses: FASTENED  
8. Parking Brake: SET  
9. Overhead Panel: CHECK  
10. Oxygen Control: PULL ON, CHECK MASK FLOW, PUSH OFF  
11. Right Side Panel Cbs: CHECK  
12. Alternate Static Air Source: NORMAL  
13. Cabin Temp Mode: OFF  
14. Vent Blower: AUTO  
15. Bleed Air Valves: OPEN  
16. Condition Levers: CUT OFF  
17. Propeller Levers: HIGH RPM  
18. Power Levers: IDLE  
19. Efis Power Switches (If Installed): OFF  
20. Landing Gear Control: DOWN  
21. Left Subpanel Switches: OFF  
22. Engine Anti-ice: ON  
23. Fuel System (Go To Page 10): CHECK  
24. Voltmeter: CHECK  
   BAT and CTR 23 VOLTS MIN  
   TPL FED 22 VOLT MIN  
   LEFT & RIGHT GEN., EXT PWR 0 VOLT  
Stall Warning Annunciator: PRESS TO TEST  
Annunciator Lights: TEST  
Fire Detectors: CHECK  
Landing Gear Control Lights: TEST  
Gear Down Annunciator: CHECK  
Hyd Fluid Sensor: TEST  
   [HYD FLUID LO] - ILLUMINATED  
Beacon: ON
Engine Starting (Battery)

1. Right Ignition/start: ON
2. Right Ignition: CHECK ILLUMINATED
3. Stable N1 > 12%: WAIT
4. Right Condition Lever: LOW IDLE
5. ITT and N1: MONITOR (1090°C MAX.)
6. Right Oil Pressure: CHECK
7. Wait: N1 = 51%
8. Right Ignition/start: OFF
9. Right Condition Lever: HIGH IDLE
10. Right Generator: RESET, ON

[R DC GEN], [L GEN TIE OPEN], [R GEN TIE OPEN] - EXTINGUISHED
11. Charge Battery: LOAD = 0.5, MAX. 5 MIN
12. Left Ignition/start: ON
13. Left Ignition: CHECK ILLUMINATED
14. Stable N1 > 12%: WAIT
15. Left Condition Lever: LOW IDLE
16. ITT and N1: MONITOR (1090°C MAX.)
17. Left Oil Pressure: CHECK
18. Wait: N1 = 51%
19. Left Ignition/start: OFF
20. Right Condition Lever: HIGH IDLE
21. Left and Right Prop Rpm: 1100 MINIMUM
22. Voltmeter (L Gen): 27.5 TO 29.0 VOLTS
23. Left Generator: RESET, ON

[L DC GEN] - EXTINGUISHED
24. Right Generator: RESET, ON
25. Condition Levers: AS REQUIRED

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Before Taxi

1. Transfer Pumps: ON
2. Crossfeed: AUTO
3. Dc Voltage/load: CHECK
4. Inverter: CHECK BOTH, SELECT
5. Avionics Master: ON
6. Efis Power: ON
7. Lights: AS REQUIRED
8. Fuel Control Heat: HEAT
9. Cabin Temp/mode: AS REQUIRED
   (CHECK 10.- N1/ITT/LOAD)
11. Annunciators: TEST, CLEAR
12. Instruments: CHECK

Taxi

1. Brakes: CHECK
2. Gyros: CHECK
Before Takeoff

1.- Boost Pumps And Auto Crossfeed: TEST
2.- Avionics And Radar: CHECK
3.- Efis (If Installed): CHECK
4.- Pressurization: CHECK, SET
5.- Autopilot: CHECK, THEN OFF
6.- Electric Trim: CHECK (TAB CONTROL, WHEEL SWITCH)
7.- Trim: SET
8.- Engine Frictions: SET
9.- Flaps: CHECK AND CONFIRM UP
10.- Flight Controls: FULL, FREE, CORRECT
11.- Engine Anti-ice: CHECK
12.- Overspeed Governors: TEST
13.- Primary Governors: EXERCISE AT 1900 RPM
14.- Gyro Suction, Pneumatic Pressure: CHECK
15.- Autofeather (Go To Page 10): CHECK
16.- Autofeather: ARM
17.- Prop Feathering (Manual): CHECK (LO IDLE)
18.- Ice Protection Equipment (If Required): CHECK
19.- Fuel Quantity, Flight And Engine Instruments: CHECK
20.- Take Off Speeds: CONFIRM

<table>
<thead>
<tr>
<th>Weight-lbs</th>
<th>Rotation</th>
<th>50 Ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>10100</td>
<td>97</td>
<td>104</td>
</tr>
<tr>
<td>9000</td>
<td>87</td>
<td>99</td>
</tr>
<tr>
<td>7850</td>
<td>80</td>
<td>93</td>
</tr>
<tr>
<td>7000</td>
<td>80</td>
<td>93</td>
</tr>
</tbody>
</table>
Before Takeoff

1.- Auto-ignition: ........................................ ARMED
2.- Ice Protection: ........................................... AS REQUIRED
3.- Autofeather: ........................................ CONFIRM ARMED
4.- Prop Sync: ........................................ AS REQUIRED
5.- Exterior Lights: ........................................ AS REQUIRED
6.- Transponder: ........................................ ON
7.- Prop Levers: ........................................ CONFIRM FULL FORWARD
8.- Trim: ........................................ CONFIRM SET
9.- Flaps: ........................................ CONFIRM SET
10.- Bleed Air Valves: ................................... OPEN
11.- Interior Lights: ......................................... AS REQUIRED
12.- Generator Load: ........................................ CHECK
13.- Battery Ammeter: ....................................... CHECK
14.- Annunciators: .................................. OUT/CONSIDERED
15.- Strobes: ........................................ ON

On Takeoff Run

1.- Autofeather annunciators: ......................... CHECK ILLUMINATED
2.- Ignition On annunciators: ......................... CHECK EXTINGUISHED
3.- Engines: ........................................ CHECK ITT/TQ IN LIMITS

Climb

1.- Landing gear: ........................................ UP
2.- Flaps: ........................................ UP
3.- Engines: ........................................ CLimb POWER SET, CHECK
4.- Prop RPM: ........................................ 2200(MCP)/2000 (CRUISE CLIMB)
5.- Prop Sync: ........................................ ON
6.- Windshield anti-ice: ................................. NORMAL
7.- Engine instruments: ................................... MONITOR
8.- Cabin sign: ........................................ AS REQUIRED
9.- Cabin pressurization: ......................... CHECK

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Cruise

1.- Cruise Power: ____________________________ SET PER CRUISE POWER TABLES
2.- Autofeather: ____________________________ OFF
3.- Engine Instruments: ________________________ MONITOR
4.- Pressurization: ____________________________ MONITOR

Descent

1.- Pressurization: ____________________________ SET CABIN ALTITUDE (TABLE), RATE
2.- Altimeter: ____________________________ SET
3.- Cabin Sign: ____________________________ AS REQUIRED
4.- Windshield Anti-ice: ____________________________ AS REQUIRED
5.- Power: ____________________________ AS REQUIRED
6.- Recognition Lights: ____________________________ AS REQUIRED
7.- Seats And Tables: ____________________________ POSITIONED

Before Landing

1.- APPROACH SPEED: ____________________________ CONFIRM
2.- NORMAL LANDING APPROACH SPEED

<table>
<thead>
<tr>
<th>LANDING WEIGHT LBS</th>
<th>KNOTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>10100</td>
<td>102</td>
</tr>
<tr>
<td>9600</td>
<td>101</td>
</tr>
<tr>
<td>8000</td>
<td>101</td>
</tr>
<tr>
<td>7000</td>
<td>101</td>
</tr>
</tbody>
</table>

3.- PRESSURIZATION: ____________________________ CHECK
4.- CABIN SIGN: ____________________________ FSB OR NS/FSB
5.- PROP AUTOFEATHER: ____________________________ ARM
6.- FLAPS: ____________________________ APPROACH
7.- LANDING GEAR: ____________________________ DOWN
8.- LIGHTS: ____________________________ AS REQUIRED
9.- RADAR: ____________________________ STANDBY OR OFF

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Normal Landing
1.- Flaps: DOWN
2.- Airspeed: NORMAL LANDING APPROACH SPEED
3.- Yaw Damp: OFF
4.- Power Levers: Idle
5.- Prop Levers: FULL FORWARD
   After Touchdown:
6.- Power Levers: LIFT AND SELECT GROUND FINE
7.- Brakes: AS REQUIRED

Maximum Reverse Thrust Landing
1.- Flaps: DOWN
2.- Airspeed: NORMAL LANDING APPROACH SPEED
3.- Yaw Damp: OFF
4.- Condition Levers: HIGH IDLE
5.- Power Levers: IDLE
6.- Prop Levers: FULL FORWARD
   After Touchdown:
7.- Power Levers: LIFT AND SELECT GROUND FINE, THEN LIFT AND SELECT REVERSE
8.- Brakes: AS REQUIRED
9.- Condition Levers: LOW IDLE

Balked Landing
1.- Power: MAXIMUM ALLOWABLE
2.- Airspeed: 101 KTS UNTIL CLEAR OF OBSTACLES
3.- Flaps: UP
4.- Landing Gear: UP
5.- Airspeed: NORMAL CLimb

After Landing
1.- Landing and taxi lights: AS REQUIRED
2.- Engine anti-ice: ON
3.- Ice protection: AS REQUIRED
4.- Transponder and radar: STANDBY AND OFF
5.- Electrical load: OBSERVE LOAD LIMITS
6.- Trim: SET
7.- Flaps: UP
8.- Pressurization differential: VERIFY 0
9.- Strobes: OFF

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**Shutdown**

1.- Parking brake:                           Set
2.- Transfer pumps:                          Off
3.- Crossfeed:                              Closed
4.- EFIS power:                             Off
5.- Avionics master:                        Off
6.- Inverter:                               Off
7.- Autofeather:                            Off
8.- Vent Blower:                            Auto
9.- Cabin mode:                             Off
10.- Subpanel and avionics:                  Off
11.- Oxygen supply:                         Off
12.- Battery:                               Charged
13.- ITT:                                   Below 585°C for 1 min
14.- Instrument emergency lights:            On
15.- Power levers:                          Idle
16.- Condition levers:                      Cut-off
17.- Props:                                 Feather
18.- Boost pumps (below 10% N1):             Off
19.- Control locks:                         As required
20.- Parking brake:                         Off
21.- Battery/Gen bar:                       Off
22.- Overhead panel lights switches:         As required
23.- Instrument emergency lights:            As required
24.- External covers:                       Install
**Fuel System**

1. Circuit Breakers: \[\text{IN}\]
2. Battery: \[\text{ON}\]
3. Fuel FW Shutoff Valves: \[\text{CLOSE}\]
4. Crossfeed: \[\text{OPEN}\]
   - [FUEL CROSSFEED] – ILLUMINATED, THEN CLOSE
5. Boost Pump: \[\text{ON (listen for operation)}\]
6. Firewall Fuel Valves: \[\text{OPEN}\]
   - [L FUEL PRESS] and [R FUEL PRESS] – EXTINGUISHED
7. Fuel Quantity: \[\text{CHECK}\]
8. Transfer Pumps: \[\text{TEST}\]
   - Transfer pumps AUTO
   - Transfer test switch LEFT, THEN RIGHT
     - [L NO FUEL XFER] and [R NO FUEL XFER]
   - Transfer pumps OFF
9. Battery: \[\text{OFF}\]

**Autofeather**

1. Power Levers: \[\text{APPROXIMATELY 500 FT-LBS TORQUE}\]
2. Autofeather Switch: \[\text{HOLD TO TEST}\]
3. Power Levers: \[\text{RETARD INDIVIDUALLY, THEN RETURN TO APPROXIMATELY 500 FT-LBS TORQUE}\]
4. Power Levers: \[\text{BOTH RETARDED}\]

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