# Phenom 100 Normal Checklist

<table>
<thead>
<tr>
<th>COCKPIT / CABIN SAFETY INSPECTION</th>
<th>BEFORE START</th>
</tr>
</thead>
<tbody>
<tr>
<td>Courtesy Light Check</td>
<td>Winds / Aircraft Orientation Check within Start Limits</td>
</tr>
<tr>
<td>Emergency Door Locking Pin Remove</td>
<td>Gear Pins / Steering Link 3 Onboard &amp; Connect</td>
</tr>
<tr>
<td>Emergency Door Secured and Locked</td>
<td>Maintenance Status Check</td>
</tr>
<tr>
<td>Water Barrier As Required</td>
<td>VOR Check Log Check</td>
</tr>
<tr>
<td>Documents Manuals and Charts Check On Board</td>
<td>Flight Log Check</td>
</tr>
<tr>
<td>Emergency Equipment Check</td>
<td>Lights As Required</td>
</tr>
<tr>
<td>Oxygen Bottle Valve Push to Restore</td>
<td>ENG IGNITION AUTO</td>
</tr>
<tr>
<td>SUPPLY CONTROL Knob PAX Auto</td>
<td>Thrust Levers Idle</td>
</tr>
<tr>
<td>Oxygen Mask Regulator Check 100%</td>
<td>Batteries On</td>
</tr>
<tr>
<td>ELECTRICAL Panel Check</td>
<td>GPU As Required</td>
</tr>
<tr>
<td>Circuit Breakers Check</td>
<td>Parking Brake / Chocks Set &amp; Remove</td>
</tr>
<tr>
<td>FUEL PUMPS Auto</td>
<td>Circuit Breakers Check</td>
</tr>
<tr>
<td>FUEL XFR Pushed Out</td>
<td>Navigation Databases Current</td>
</tr>
<tr>
<td>ELT Armed</td>
<td>Oxygen Mask Flow and Microphone Check</td>
</tr>
<tr>
<td>PUSHER CUTOUT Pushed Out</td>
<td>CVR Test Passed</td>
</tr>
<tr>
<td>HYD PUMP Auto</td>
<td>Fuel Quantity and Balance Check</td>
</tr>
<tr>
<td>Gust Lock Pin Remove</td>
<td>Oxygen Pressure Verify</td>
</tr>
<tr>
<td>Rudder Gust Lock Release</td>
<td>TEST Panel Test</td>
</tr>
<tr>
<td>HEATING Panel Check</td>
<td></td>
</tr>
<tr>
<td>ICE PROTECTION Panel Check</td>
<td></td>
</tr>
<tr>
<td>LDG GEAR Lever DN</td>
<td></td>
</tr>
<tr>
<td>PRESSURIZATION Panel Check</td>
<td></td>
</tr>
<tr>
<td>AIR CONDITIONING Panel As Required</td>
<td></td>
</tr>
<tr>
<td>FIRE EXTINGUISHER Panel Check</td>
<td></td>
</tr>
<tr>
<td>Start/Stop Knobs Stop</td>
<td></td>
</tr>
<tr>
<td>Flap Lever Zero</td>
<td></td>
</tr>
<tr>
<td>Parking Brake Set</td>
<td></td>
</tr>
<tr>
<td>Seats and Belts Condition</td>
<td></td>
</tr>
</tbody>
</table>

*For GPU and Battery Voltage <24.3 V, perform these steps:*  
- Shut down:  
- Close Doors  
- Check BATT Voltage  
- Check SIGN/S/OUTLET PED/Belts  
- Set Air Conditioning  
- Set Flight Engine  
- Start  

*Immediately Prior to Start:*  
- Altimeters Set & Crosscheck  
- Flight Plan Enter  
- T/O Temp / ATR Enter & Set  
- LFE Enter  
- Weather Radar Standby  
- Weights Enter  
- T/O Speeds / Acceleration Altitude Enter & Check  
- Flight Director / AFCS Set  
- Coms / Navs / Transponder Set  
- Taxi / Takeoff Briefing Complete  

Version 8 (with FCU 8)  
August 25, 2010

This checklist does not replace the Airplane Flight Manual or Normal Checklist published by Embraer. Use this as reference only and at your own risk.
### AFTER START
- **Engine Instruments**
  - Check
- **GPU**
  - Disconnect
- **ELEC EMER**
  - Check (as required)
- **Flight Controls**
  - Free & Correct
- **Trims**
  - Check & Set
- **Flaps**
  - Set __ for Takeoff
- **T/O Temp / ATR**
  - Verify
- **Ice Protection**
  - As Required
- **Block Out Time**
  - Record

### BEFORE TAKEOFF
- **Brakes**
  - Check
- **Takeoff Configuration**
  - Check
- **Flight Instruments**
  - Check
- **CAS Messages**
  - Check

#### Immediately Prior to Takeoff
- **Ice Protection**
  - As Required
- **Lights**
  - Set
- **Time Off**
  - Record

### AFTER TAKEOFF
- **LDG Gear**
  - Check Up
- **Flaps**
  - Zero
- **Thrust Levers**
  - Con/Clb
- **Yaw Damper**
  - On
- **Pressurization**
  - Check

### CLIMB TRANSITION ALTITUDE
- **Altimeters**
  - Set & Crosscheck
- **IFE**
  - As Required
- **Lights**
  - Set
- **Windshield Heating**
  - On

### DESCENT
- **Windshield Heating**
  - On
- **Pressurization**
  - Check LFE
- **Icing Conditions**
  - Verify
- **Landing Speeds**
  - Set

#### Transition Level
- **Altimeters**
  - Set & Crosscheck
- **IFE**
  - Off
- **SIGN/S/OUTLET**
  - PED/Belts
- **Lights**
  - Set
- **Fuel XFR**
  - Pushed Out
- **Approach Briefing**
  - Complete

### BEFORE LANDING
- **LDG Gear**
  - Down Three Green
- **Flaps**
  - Set __ for Landing
- **Yaw Damper**
  - Off

### AFTER LANDING
- **Flaps**
  - Zero
- **Lights**
  - Set
- **Landing Time**
  - Record

### SHUTDOWN
- **Thrust Levers**
  - Idle (2 Minutes)
- **Parking Brake**
  - Set
- **SIGN/S/OUTLET**
  - Off
- **HEATING Panel**
  - Check
- **ICE PROTECTION Panel**
  - Check
- **Start/Stop Knobs**
  - Stop
- **Block In Time**
  - Record
- **Flight Log**
  - Complete

### LEAVING THE AIRPLANE
- **Oxygen Bottle Valve**
  - Pull to Cutout
- **Batteries**
  - Off
- **Gust Lock Pin**
  - Install
- **Rudder Gust Lock**
  - Lock
- **Gear Pins / Steering Link**
  - Install & Connect
- **Parking Brake / Chocks**
  - Released & In

### Landing Data - Flaps Full
**Approach Flaps 2 / Landing Flaps Full / 1,000 Feet / A/I Off**

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<tr>
<th>Weight</th>
<th>$V_{fs}$</th>
<th>$V_{ac}$</th>
<th>$V_{ref}$</th>
<th>LDG Dist.</th>
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**Approach Flaps 2 / Landing Flaps 2 / 1,000 Feet / A/I Off**

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