

**ENSTROM HELICOPTER CORPORATION**  
**ENSTROM 480B ABBREVIATED CHECKLIST**

**I. BEFORE STARTING ENGINE:**

1. Key - In And On
2. Passenger Briefing - Complete As Required
3. Seat Belts/Shoulder Harnesses - Fastened/Tightened
4. Inertial Reel - Check Operation
5. Collective Friction - Off
6. Flight Controls - Check Full Travel
7. Collective Friction - On
8. Throttle - Check/Idle Cutoff
9. Circuit Breakers - In
10. Switches - Off
11. Flight Instruments - Check
12. N1-N2-Nr-Tot Switch - Batt/Bus
13. Clock - Check/Set
14. Magnetic Compass Slave Switch - Check
15. Apj - Connected (AS REQUIRED)
16. Batt Switch - On
17. Fuel Valve - On
18. Warning Lights - Check
19. Caution Panel - Test
20. Digital Fuel Quantity - Check
21. Engine Out/Low Rotor Audio - Test
22. Throttle - Closed
23. Cyclic Trim - Check
24. Exterior Lights - On

**II. STARTING ENGINE:**

1. Area - Clear
2. Engine - Start
3. Starter Switch - Release At 58% N<sub>1</sub>
4. Engine Oil Pressure - Check
5. Gas Producer - Check 59 - 65% N<sub>1</sub>
6. N<sub>2</sub> - Check Stabilized
7. Apj - Disconnect (AS REQUIRED)
8. Main Gen Switch - On

**III. ENGINE RUN-UP:**

1. Engine - Stabilize For One Minute
2. Avionics Master Switch - On
3. Throttle - Slowly Increase To Full Open
4. Governor Incr/Decr Switch - Set Engine Rpm At 98% N<sub>2</sub>
5. Engine And Transmission Indications - Check
6. Eng Anti-Ice - Check
7. Defog And Heat - Check
8. Pitot Htr (If Installed) - Check
9. Avionics - Set
10. Altimeter - Set
11. Heading Indicator(S) - Check
12. Doors - Secured
13. Flight Controls - Check
14. Collective Friction - Set

**IV. AFTER LANDING:**

1. Landing Lights - As Required
2. Transponder - As Required

**V. ENGINE SHUTDOWN:**

1. Collective Pitch - Full Down
2. Collective Friction - On
3. Throttle - Idle  
*Note: (Allow Tot To Stabilize For Two Minutes. Check N1 Speed 59 To 65% N1.)*
4. Avionics - Off
5. Gen - Off
6. Throttle - Closed
7. Lights - Off
8. Batt - Off



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