

BEFORE STARTING ENGINES

1. Seats, Belts, Doors and Sterile Cockpit in effect
Announce
2. All Circuit Breakers...IN (except Autopilot if installed)
3. All Switches.....OFF/NORMAL
4. Interior/Exterior lighting.....As Required
5. Battery Switches 1 & 2 (Dual batteries installed). ON
6. Master Power Switch (Single Bus Tie only).....NORM
7. Power Select Switch (BAT or EPU).....Select
8. Bus Tie Switch(s).....ON
9. Instrument Inverters.....ON
10. Chip Detectors (If Installed).....TEST
11. Cold Start switch (<-26°C).....COLD
12. Fire DetectorTEST
13. MM Indicator.....TEST
14. Annunciator Lights.....TEST
15. Emergency Exit Lights.....ARM
16. Standby Horizon/Emergency Battery Switch.....ON
17. Ammeter Select Switch.....GEN 2
18. Medical Inverters.....As Required
19. Prime Pump Switches.....ON (FUEL PRESS lights OFF)
20. Flight Controls.....Check
21. Rotor Brake.....Check Light, Then OFF
22. Fuel Quantity.....Check
23. Battery Voltage.....MINIMUM 24 VOLTS

STARTING ENGINES

1. Pre-Start Confirmation Check.....Complete
2. **First Engine:**
 - Starter Button.....Depress and Hold
 - 10% N1.....Advance Power Lever
 - TOT.....Maintain 550°-650°C
 - 40% N1.....Release Starter Button
 - Power Lever.....Advance to Idle (68-71%N1)
 - ENG and XMSN Oil Pressure.....Check
 - Generator Switch.....ON

NOTE: If EPU is used to start both engines, proceed to Second Engine prior to completing the following steps.

- Power Select Switch.....BAT
 - EPU.....Disconnect, EPU light OFF
 - Radio Master Switch.....ON
 - **Hydraulic Test.....Complete**
 - Ammeter.....<100 Amps
3. **Second Engine:**
 - Starter Button.....Depress and Hold
 - 10% N1.....Advance Power Lever

- TOT.....Maintain 550°-650°C
 - 40% N1.....Release Starter Button
 - Power Lever.....Advance to Idle (68-71%N1)
4. ENG and XMSN Oil Pressure.....Check
 5. Generator Switch.....ON
 6. Autopilot Circuit breakers (If Installed).....IN
 7. Cold Start Switch (if used).....NORM
 8. **CSAS (If installed).....TEST and ON**
 9. **SPAS (If Installed)..... TEST and ON**
 10. Radar Altimeter..... (300'Day/500'Night) Set
 11. Prime Pump Switches.....OFF
 12. Transfer Pump Switches.....ON
 13. Engine Anti-Icing (If installed).....Check
 14. **Autopilot (if installed).....TEST**
 15. ***Engine Overspeed System Check.....Complete**

BEFORE TAKEOFF

1. Engine Power Levers.....FLY
2. Bleed Air Consumers.....OFF
3. Nr/N2.....96% Minimum
4. ENG and XMSN Temps and Pressures.....Check
5. Cautions and Warnings.....Check
6. AP1 and AP2 (If Installed).....ON, SAS/ATT Select
7. Flight Controls.....Unlocked
8. Time Off.....Note
9. Pre-Takeoff Confirmation Check.....Complete

CRUISE

1. Power Settings.....Note
2. ENG and XMSN Temps and Pressures.....Check
3. Fuel.....Check
4. Sterile Cockpit Not in Effect.....Announce

APPROACH

1. Passenger Briefing.....Complete
2. ATIS/AWOS/ASOS.....Check

Approach Briefing

1. All Radios.....Tune and ID
2. NAV Source (VLOC/GPS).....Select
3. Procedure Turn/FAF Altitude.....Note
4. Final Approach Course.....As Required
5. DH/MDA.....Set Radar Altimeter
6. Missed Approach Point (Time/DME/DH).....Note
7. Missed Approach Procedures.....Note
8. Landing Lights/PCL.....ON/Activate

BEFORE LANDING

1. Bleed Air Consumers.....OFF
2. Nr/N2.....98-102%
3. ENG and XMSN Temps and Pressures.....Check

4. Cautions and Warnings.....Check
5. Wx Radar (if installed).....As Required
6. Seats, Belts, Doors and Sterile Cockpit in Effect.....Announce

AFTER LANDING

1. Cyclic Trim.....Neutral
2. Collective Lock.....ON
3. Power levers.....Idle (Start Clock)
4. ROTOR RPM Light and Audio.....Check at 95% Nr
5. Clear to Depart Aircraft.....Announce

ENGINE SHUTDOWN

1. **CSAS (If Installed)**.....OFF
2. **Autopilot (If Installed)**.....OFF/Circuit breakers OUT
3. Non-Essential Electrical Consumers.....OFF
4. Power Levers (after 2 Minutes).....OFF (1 at a time)
5. ENG LOW Light and Audio.....Check at 60% N1
6. Generator Switches.....OFF
7. Transfer Pump Switches.....OFF
8. Rotor Brake.....As Desired <50% Nr
9. Starter Button (30 seconds after N1=0%) - Depress for 10 seconds

NOTE: Ensure igniters are not energized.

10. Radio Master Switch.....OFF
11. Power Select Switch (N1=0%).....OFF
12. Master Power Switch (Single Bus Tie Only).....OFF
13. Battery Switches 1 and 2 (If Installed)OFF

NOTES

1. Procedures in bold have expanded checks which can be found in Section 4 of the RFM or applicable STC.
2. *Required prior to the first flight of the day

Notes

This checklist MAY be used for normal operations. Should the information conflict with the FAA approved RFM, the latter will take precedence.

FAA ACCEPTANCE

The FAA has accepted the procedures required per FAR 135.83(b). The Master Normal Checklist on file at Air Methods' Chief Pilot's office contains the FAA acceptance signature and is available for review upon request.

FAA Acceptance Signature

Date

4/22/2014