

**TEMPORARY REVISION NO. 14  
To: Eclipse 500 POH and  
FAA-Approved Airplane Flight Manual**

**PITOT/AOA PROBES 20 MINUTE PRE-HEAT**

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This Temporary Revision affects the AFM Part Number 06-121654, Revision "01", dated January 28, 2008. DO NOT remove until directed to do so by a superseding Temporary or Regular revision, a Transmittal Letter, or a Service Bulletin. Record this TR insertion (or removal) on the Log of Temporary Revisions.

**Insert this page behind LOTR-1.**

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06-121654-TR14

Signature: William P. Towry Date: DEC 20 2018

*for* Manager, Southwest Flight Test Section, AIR-713  
Federal Aviation Administration  
Ft. Worth, TX

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**BEFORE TAXI**

- 1. Initiate Pitot/AOA Probe 20 min. Pre-heat (If Pitot/AOA Probe Auxiliary Heaters are not installed)
  - a. ICE PROT Synoptic page, PITOT/STAT..... ON  
Refer to Amplified Normal Procedures, "Pitot/AOA Probe Pre-heat (page 4-18) (If Pitot/AOA Auxiliary Heaters are not installed).
- 2. System Test (OPS Page)
  - ❶ a. Lamps..... TEST
  - ❶ b. AUTOPILOT ..... TEST
  - c. STALL PROTECTION SYSTEM ..... TEST

**NOTE**

- Refer to Amplified Normal Procedures, page 9.
- These tests may be conducted during the BEFORE STARTING checklist if a GPU is used.

- 3. Trims (PITCH, ROLL & YAW).....Set Takeoff
- 4. ICE PROT ..... Check

**NOTE**

Select ICE PROT ENG for more than 10 seconds and verify no failure CAS messages, then set as required.

- 5. Electronic Circuit Breakers (ECB Page)..... Check
- 6. FLAPS..... Set for Takeoff
- 7. Seats Inertia Reel..... Locked
- 8. External Lights ..... As Required
- 9. Passenger Briefing..... Complete
- 10. Taxi and Takeoff Briefing..... Complete
- 11. PARKING BRAKE ..... Released

**TAXI**

- 1. Brakes ..... Check
- 2. Flight Instruments..... Check

**BEFORE TAKEOFF**

1. Ensure completion of Pitot/AOA Probe 20 min. Pre-heat. Refer to Amplified Normal Procedures, "Pitot/AOA Probe Pre-heat (page 4-18) (If Pitot/AOA Auxiliary Heaters are not installed).
2. Batteries (ELEC Page) ..... Less Than 7 Amps Charge
3. Warning Lights / CAS ..... Check & Consider
4. T/O CONFIG OK..... Check Displayed
5. Air Source Switch ..... NORM
6. External Lights ..... As Required

**AFTER TAKEOFF**

1. GEAR (*positive rate of climb established*) ..... UP
2. FLAPS (*400 ft AGL & obstacle clearance*) ..... UP
3. YAW DAMP ..... ON
4. Throttles ..... MCT

**CLIMB**

*10,000 feet*

1. Pressurization ..... Check
2. Landing Lights ..... Off

*18,00 feet or Transition Altitude*

3. Altimeter ..... Set STD

*Prior to entering RVSM airspace*

4. XPDR 1 ..... Select

**CRUISE**

1. Cruise Power ..... Set
2. Engine Instruments ..... Monitor
3. Pressurization ..... Monitor
4. Oxygen ..... Monitor
5. Fuel Quantity ..... Monitor

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### **Pitot/AOA Probe Pre-heat**

Aircraft without Pitot/AOA Probe Auxiliary Heaters

1. Select ICE PROT PITOT/STATIC to ON for 20 minutes to evaporate any accumulated moisture.

**CAUTION**

**With elevated local ambient temperatures, there is the potential for L and/or R Pitot/AOA Heat Fail CAS message after Take Off. Stick Pusher and Stall Protection CAS messages may also appear. These CAS messages should clear with continued airflow. If CAS messages persist, refer to Section 3.**

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