EO M370.01 – IDENTIFY COMPONENTS OF THE PITOT STATIC SYSTEM

1. **Performance.** Identify Components of the Pitot Static System.

2. **Conditions**

   a. Given:

      (1) Supervision, and

      (2) Assistance as required.

   b. Denied: N/A.

   c. Environmental: Classroom or training area large enough to accommodate the entire group.

3. **Standard.** The cadet shall identify components of the pitot static system, to include:

   a. parts, to include:

      (1) static vents,

      (2) static line,

      (3) pitot pressure chamber, and

      (4) pitot line; and

   b. instruments, to include:

      (1) air speed indicator,

      (2) vertical speed indicator, and

      (3) altimeter.

4. **Teaching Points**

TP	Description	Method	Time	Ref
TP1	Explain the pitot static system, to include: a. static vent, b. static line, c. pitot pressure chamber, d. pitot line, and e. operation of the pitot static system.	Interactive Lecture	10 min	C3-116 (pp. 39–40)
TP2	Explain instruments of the pitot static system, to include: a. airspeed indicator, b. vertical speed indicator, and c. altimeter.	Interactive Lecture	15 min	C3-116 (pp. 40–45)

Unofficial convenience copy of A-CR-CCP-803/PG-001, cached 2026-11-08 from https://app.cadets.gc.ca/cadet-publications/A-CR-CCP-803-PG-001/A-CR-CCP-803-PG-001.pdf.
Verify against the official publication.

5. **Time**

a.	Introduction/Conclusion:	5 min
b.	Interactive Lecture:	25 min
c.	Total:	30 min

6. **Substantiation.** An interactive lecture was chosen for this lesson to review, clarify, emphasize, and summarize the pitot static system.

7. **References.** C3-116 (ISBN 0-9680390-5-7) MacDonald, A. F., & Peppler, I. L. (2000). *From the Ground Up: Millennium Edition*. Ottawa, ON: Aviation Publishers Co. Limited.

8. **Training Aids.** Presentation aids (eg, whiteboard/flip chart/OHP/multimedia projector) appropriate for the classroom/training area.

9. **Learning Aids.** N/A.

10. **Test Details.** N/A.

11. **Remarks.** N/A.

Unofficial convenience copy of A-CR-CCP-803/PG-001, cached 2026-11-08 from https://app.cadets.gc.ca/cadet-publications/A-CR-CCP-803-PG-001/A-CR-CCP-803-PG-001.pdf.
Verify against the official publication.