

The Pitot-Static System

Pitot
Tube

measures

DYNAMIC
PRESSURE

Ram Air





Pitot Tube

measures

**DYNAMIC
PRESSURE**

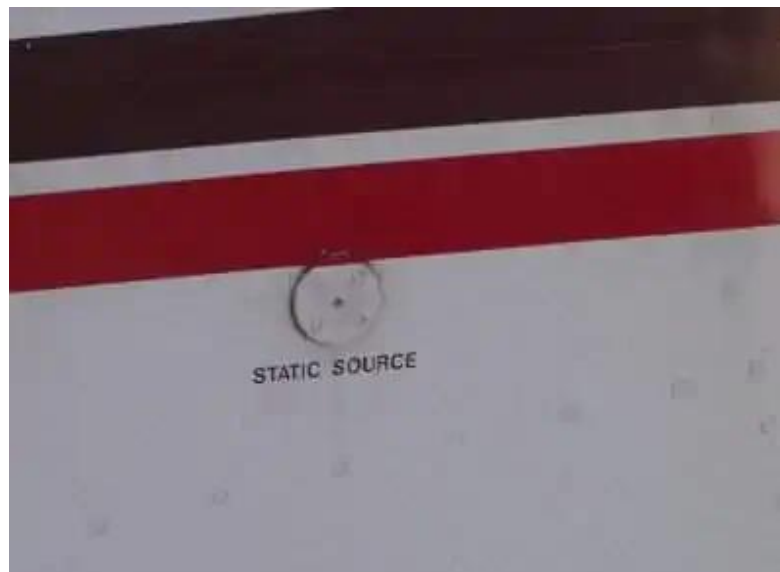




Pitot Tube

measures

**DYNAMIC
PRESSURE**



Static

Port

measures

**STATIC
PRESSURE**

P_D

+

P_S

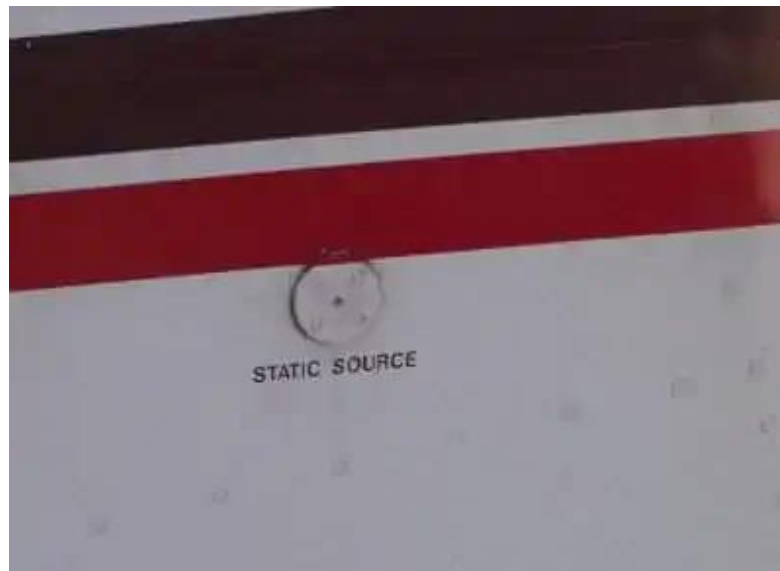
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P_{TOT}

Pitot
Tube

measures

DYNAMIC
PRESSURE



Static

Port

measures

STATIC
PRESSURE

P_D

+

P_s

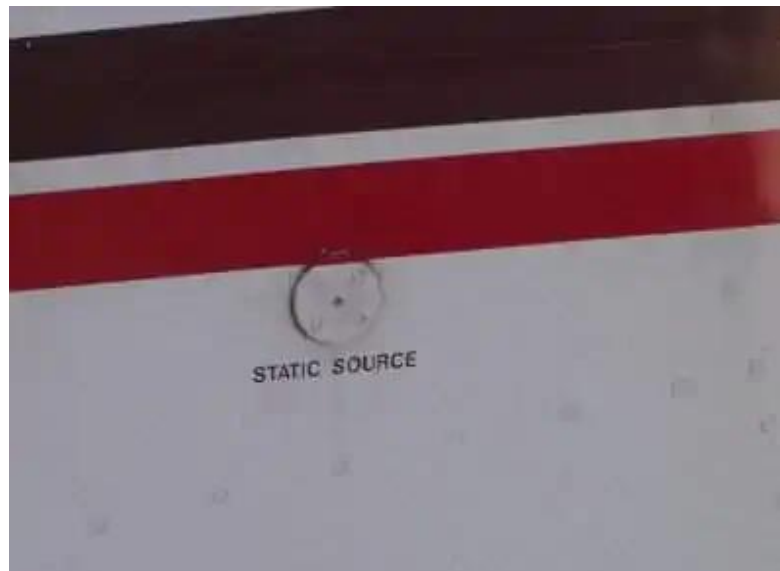
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P_{iTOT}

Pitot Tube

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**DYNAMIC
PRESSURE**



Static

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**STATIC
PRESSURE**