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sucked into the filter and then to the machines where it is discharged outside the aircraft.

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information in flight. They improve safety by allowing the pilot to fly the aircraft in level flight, and make turns, without a reference outside the aircraft such as the horizon. Visual flight rules require an airspeed indicator, an altimeter, and a compass or other suite

Flight instruments - Wikipedia

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Aircraft Instruments

A ____ gyro combines a directional gyro with direction-sensing instrumentation. Slaved Gyro. 46. Two major disadvantages to venturi systems for driving flight instruments are: a. b. a.

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Instrumentation - Wikipedia

An aircraft's traffic collision avoidance system (TCAS) will interrogate the secondary surveillance radar (SSR) transponders of nearby aircraft to plot their positions and relative velocities. Direction-finding aerials obtain the relative bearings of other aircraft, and distance is calculated by using the time delay between the transmitted and ...

6 - Aircraft Instruments and

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The Bomber Modular Acquisition System developed by the 812th Aircraft Instrumentation Test Squadron at Edwards Air Force Base, California, is installed onboard a B-52 Stratofortress. (Air Force photo by Giancarlo Casem)

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