



Gyro Magnetic Compass Demonstration Rig

An accurate compass is vital for aerial navigation. The magnetic compass is most accurate but is easily disturbed by tight turns and other aerial manoeuvres. These do not upset a gyro so by linking the 2 the pilot and, in larger aircraft, the navigator will know their heading at all times. The rig is designed to demonstrate this with the magnetic sensor at the top and the gyro unit below with both direction indicators and the controls between.

This system is completely independent of satellites.