BOY IS A CAPTAIN
Small But Important Aids to Aerial Navigation Are Included in American Planes; Now Developing New Device

AIRCRAFT OPERATES WITH MANUFACTURERS

Baron von Zeppelin, the German manufacturer of airships, is now operating with the United States Signal Corps in connection with the development of navigational instruments for use in airplanes. The Signal Corps has a large quantity of apparatus for developing these instruments, and the cooperation of manufacturers is necessary in reconciling the instruments to the various requirements of the country. The illumination of these instruments is a phase which is also being studied.

The Air Speed Indicator

This instrument is a pressure gauge for showing the speed of the plane relative to the earth, or the air. It is of the propeller type, having an altimeter and aerodynamically shaped nose. It is also used in connection with the airplane in the near future, and is now being produced in large quantities. The instrument consists of an aneroid barometer, a U-tube, and a manometer. These standard types are used in meteorological work and meteorological work in all branches of science.

The Airplane Compass

Some of the instruments have not been used for a long time. The airplane compass, for example, has not been used for many years. The instrument is made of a magnetic needle, which is arranged in such a manner that the needle swings around the earth in the direction of the magnetic north pole. The needle is enclosed in a glass tube, and the tube is filled with air.

The Tachometer

This instrument is used to measure the speed of the airplane. It is made of a metal cylinder, which is attached to the airplane. The cylinder contains a spring, which is pulled out by the wind, and the force of the wind is used to measure the speed of the airplane.

The Altimeter

The altimeter is used to measure the altitude of the airplane. It is made of a metal cylinder, which is attached to the airplane. The cylinder contains a spring, which is pulled out by the wind, and the force of the wind is used to measure the altitude of the airplane.

The Airspeed Indicator

This instrument is used to measure the speed of the airplane. It is made of a metal cylinder, which is attached to the airplane. The cylinder contains a spring, which is pulled out by the wind, and the force of the wind is used to measure the speed of the airplane.

The Radiator Thermometer

This instrument is used to measure the temperature of the radiator of the airplane. It is made of a metal cylinder, which is attached to the airplane. The cylinder contains a spring, which is pulled out by the wind, and the force of the wind is used to measure the temperature of the radiator of the airplane.

The Baro-Vane

This instrument is used to measure the barometric pressure of the atmosphere. It is made of a metal cylinder, which is attached to the airplane. The cylinder contains a spring, which is pulled out by the wind, and the force of the wind is used to measure the barometric pressure of the atmosphere.