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AERONAUTICS Recorders Now a Must For Turbine Planes

➤ ALL TURBINE-POWERED air carrier aircraft, including turbo-props, must be equipped with flight recorders, according to a recent Federal Aviation Agency ruling. The recorder is a machine connected to the aircraft's instruments that automatically records the plane's air speed, altitude, vertical acceleration, heading and time. It will assist in determining the cause of in-flight incidents and accidents.

The previous regulation required that the recorders be installed on air carrier airplanes that are certificated for flight operations above 25,000 feet. This did not cover turbo-prop planes, which operate at much lower altitudes.

• Science News Letter, 78:110 August 13, 1960

Do You Know

The *electrical industry* uses 40% of all copper consumed in the United States.

World *food storage losses* caused by rats, insects and fungi annually amount to as much as 33,000,000 tons.

About three-fourths of the world supply of *pencil wood* comes from southern Oregon and northern California.

Some 25% to 30% of American adults cannot or do not *read* adult-level materials, a recent study shows.

The 1959 Alaska *salmon catch* was the lowest in nearly 60 years and the total United States canned salmon pack the lowest since 1898.

The presence of *oxygen* in living systems increases the sensitivity of the cells to radiation.

Plywood *pipelines* are being used successfully by Russian engineers to help cut down corrosion in the oil fields.

All *drugs* are toxic when used in excess amounts.

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Questions

- AERONAUTICS**—When is the United States expected to fire an astronaut into orbit? p. 98.
 - GENERAL SCIENCE**—What percentage of the Supreme Council of the Soviets are "working scientists"? p. 106.
 - LINGUISTICS**—How many international congresses in the field of medicine have used interlingua? p. 102.
- Photographs:* Cover, Convair Division of General Dynamics Corp.; p. 99, Hadassah; p. 102, Baldwin-Lima-Hamilton Corp.; p. 103, Lear, Inc.; p. 112, Eastman Chemical Products, Inc.

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