

## Poison-Proof Your Home

(Continued from p. 23)

and reference branch, Bureau of Medicine, FDA, told SCIENCE SERVICE that there is a need for the new legislation because of the "great advances made in chemical technology" along with the present-day "do-it-yourself" urge.

"This is the first year that we had a control law for hazardous household products," Dr. Kerlan said, "although we have known for years that there was a problem."

The FDA estimates that 300,000 common trade items used in and around the household contain hazardous substances. Under the new Labeling Act, 5,000 or more firms are subject to inspection. In 1962, the FDA is allocating 104 positions and an estimated \$800,000 to protect consumers against hazardous household chemicals.

• Science News Letter, 82:23 July 14, 1962

### PUBLIC SAFETY

## Sled Devised to Test Auto Safety Belts

► A PIONEER in flight safety went sledding here today in the interest of safer driving for automobile drivers on earth.

Col. John Paul Stapp, USAF MC, whose rocket-powered sled rides at over 600 miles per hour, using safety restraining devices, have made it safer for men in space, demonstrated the life-saving importance of safety belts in a ride for the first time on a new sled that can simulate auto crash conditions at various driving speeds. Impact speeds of less than 60 miles per hour are responsible for 87% of injury-producing auto accidents. Over 80% of the injury-producing accidents in the city occur at speeds of less than 35 miles per hour.

### GENERAL SCIENCE

## News From Science Clubs

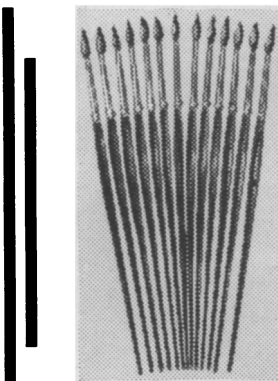
► A VARIETY of ideas for successful club programs have been reported to Science Clubs of America:

THE JUNIOR SCIENCE CLUB at Skyline School, Pittsburgh, Pa., has concentrated on promoting individual work, improving laboratory techniques and acquiring skills in the collection and preservation of biological specimens.

Panel discussions and field trips have been the most interesting programs of THE SCIENTIFIC SEARCHERS of St. Pius X High School, Houston, Texas.

The SATURDAY SCIENCE-MATHEMATICS SEMINAR of the Ann Arbor Public Schools, Ann Arbor, Mich., used school laboratories for project work; had lectures by scientists from industry, colleges and universities; and held computer programming courses which were taught by university faculty members.

THE CHEMPHYBIOGENS of Amherst County High School, Amherst, Va., reported that the observation of National Science Youth Month, correspondence with science clubs in foreign countries, assem-



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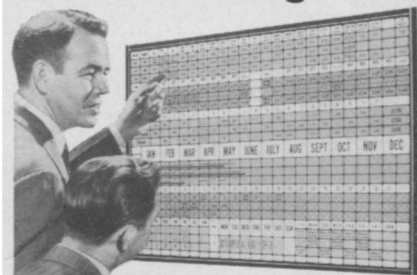
The sled, 18½ feet long, designed to test seat belts dynamically, has been instrumented so that forces can be measured on both human beings and life-like dummies as they ride the sled to a crash stop.

The instrumentation of a tri-axial accelerometer will be used on the test subject. Additional instrumentation of a linear measuring capacity, as well as string gauges, will be used on the restraining equipment and the seat. The data from these instruments will be recorded by oscillograph as well as by the ultra high-speed cameras. Analysis of this data and the performance of the equipment will thus be available for use for subsequent study.

Built by the Norair Division of Northrup Corp., the sled was introduced by the American Safety Equipment Corp. of New York, manufacturers of Hickok auto seat belts, at the Automotive Safety Foundation luncheon in honor of the Board of Directors of the General Federation of Women's Clubs. The GFWC has campaigned to alert the public to the importance of auto-seat belts.

• Science News Letter, 82:31 July 14, 1962

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