

Space Satellite Parachutes Proving Their Reliability

By BILL WILKS
United Press International

EL CENTRO, Calif. (UPI)—The two parachutes designed to return America's first manned satellite to earth are proving their reliability in bomb-drop tests from giant cargo planes at the Naval Parachute Test Station here.

Full-size, 63-foot diameter versions of the Project Mercury main chute are packed individually on bomb castings filled with lead shot to simulate the approximate one-ton weight of the satellite. The bombs are dropped from a C119 cargo plane, the chute popping from their tails at predetermined altitudes.

Spokesmen close to the project said Navy men have made more than 300 jumps here wearing smaller versions of the parachute in tests to determine whether it might be adapted for use by airmen.

The Radioplane Division of Northrop Aircraft is making the landing system for the Mercury satellite under subcontract to McDonnell Aircraft. William H. Freeman, supervisor of Radioplane Escape and Survival Projects, said

the big chute is one of the ring-sail type. It resembles conventional parachutes, but its nylon cloth is sewn in concentric rings, leaving horizontal slits to help stabilize the chute and lower its opening shock.

A six-foot drogue parachute, which will open before the main one to keep the manned capsule from tumbling as it hurtles down from orbit, also is undergoing bomb-drop tests here. It is designed to open when the capsule—its outside insulation burned off by re-entering the atmosphere—has fallen to 68,000 feet. The main chute will open at 10,000 feet.

The radioplane landing equipment is designed to double as an escape system during the first few critical moments of the satellite's blast from earth. The bottle-shaped capsule will ride atop an Atlas missile like a nose cone.

"The astronaut will be sitting on several tons of dynamite, and any one of several thousand things could go wrong," spokesmen said. "We must be able to yank the entire satellite from the missile at any time during the first 2,500 feet of blastoff—perhaps even before the missile leaves the pad."

In such an escape, rockets fixed atop the satellite would pull it from the Atlas like a cork from a bottle and carry it high enough for the main chute to work.

Tests simulating the planned Atlantic Ocean recovery of the satellite will start soon at the Salton Sea, an inland sea about 25 miles north of here. Cargo planes will drop a full-size Mercury satellite in tests of the main chute and recovery aids.

Further testing of the drogue chute is scheduled at the high speed flight test station of the National Aeronautics and Space Administration at Edwards Air Force Base, 200 miles northwest of here. Modified F104 jet planes will drop it with simulated capsule weight from 68,000 feet.

Basin Briefs

McCloud — All residents of McCloud, past and present are invited to attend the annual McCloud picnic to be held on May 17 at Williams Land Park in Sacramento. Everyone is asked to bring a lunch and chairs if desired.

Enta—Weekend guests of Harrison Howell of Enta were Mr. and Mrs. Tom Howell and sons from Roseville. They were accompanied by some friends, Mr. and Mrs. Bill Tudbury and three children. The young couples enjoyed a fishing trip while here.

Visitors — Yreka visitors at the home of Mr. and Mrs. Otis Bottoms in Enta recently were Mr. and Mrs. Harold Dexter and family.

Lost River Grange—No. 846 will have a regular meeting on Wednesday night, May 13, at 8 o'clock in the Olene Grange Hall.

Card Party—at the Olene Grange Hall on Friday night, May 15, at 8 o'clock sponsored by the Lost River Grange.

Fort Jones—Weekend guests at the home of Mr. and Mrs. Michael Cross of Fort Jones were Mr. and Mrs. Orville Welch and Walter Cross from Concord.

Malinites — Mr. and Mrs. Hab Wilson, Mr. and Mrs. Leonard Will and Mr. and Mrs. Don Unruh attended the meeting of Mariners of Southwest Oregon held in Medford on May 3.

Visiting—at the Charles Johnson home in Malin over the weekend were their daughter, Mrs. Dave Cannon, her husband and daughter, Sherrrie, of Reno, Nevada.

Visiting—in Fort Jones are Mr. and Mrs. Emil Berndtsen of Santa Cruz. They are staying at the home of Mr. and Mrs. Joe Skanderup prior to continuing their trip to Oregon. Plans include a visit to Klamath Falls and to Grants Pass.

Returns—Mr. and Mrs. Quincy Hammond of Fort Jones recently returned from a business trip to San Francisco. During their stay they paid a visit to Edmond Sheffield of Greenview, who is convalescing in Notre Dame Hospital in San Francisco.

Information Bill Signed By Chief

HONOLULU (AP)—Republican Gov. William F. Quinn of Hawaii Monday signed a freedom-of-information bill passed April 30 by the Democratic-controlled Legislature.

The law requires that records and meetings of government agencies be open wherever possible to keep the public informed.

The measure was sponsored by Sigma Delta Chi, professional journalism society.

Council Upholds Women's View

BALTIMORE (AP)—Some ingenious women thought dairies in this city should continue to be required to date the containers of milk they sell.

The Women's Civic League passed out undated milk containers to City Council on which they had pasted this warning: "This milk is undated. Will you take a chance and drink it?"

The council voted unanimously to uphold the women.

ROCKED BY SERVICE

EASTWOOD, England (UPI)—After 30 years in the St. Mary's church choir, Dan Gillbourne quit Sunday night after vicar Peter Caporn held a teen-agers' service which included rock 'n' roll hymns and band music. "It was far too rowdy," he said. "I just couldn't stand it."

Morty Meekle



Firm Recalls Wet Solution

SUNNYVALE, Calif. (AP)—Barnes-Hind Laboratories, Inc., which recently recalled all its wetting solutions for contact lenses, says it has distributed a new one which will be pink, instead of green, and sterile.

The Food and Drug Administration two weeks ago warned against use of one lot of the old solutions, saying it contained a potentially dangerous form of bacteria.

Harry W. Hind, president of the drug firm, said no blindness or infection had resulted from use of the old solution.

Hind said the old product had been registered with the Department of Agriculture "on the previous advice of the FDA," which he said had never required sterility in the solution. There is no other difference from the old product, Hind said.

Governor Vetoes Lad's Request

FRANKFORT, Ky. (AP)—Bobby Lee Jasper of Russell Springs sent his penciled plea right to the top—but it didn't work.

The youngster asked Gov. A. B. Chandler to reduce school terms to three months a year. "If you think this could be done," he said, "write me a letter."

Chandler replied that when he was Bobby's age he "had the same idea," but later realized "the more education I could get, the better off I would be."

A steel pipeline, 14 feet in diameter and 3½ miles long, carries water from a dam to a hydroelectric plant in northeastern Pennsylvania.

Tax Stamps On Cigarettes To Be Null, Void June 24

WASHINGTON, (AP)—If you smoke cigarettes, you're probably a law breaker without even knowing it.

The law you break is one that is never enforced. However, if you're worried, it will become null and void on June 24—the day the government scraps liquor and tobacco tax stamps.

Examine a cigarette pack and you'll probably find it says something like this: "Law forbids the use of the federal stamps hereon, and requires the person who empties this package to destroy such stamps when the package is emptied."

Clearly, you violate the law if you toss away an empty package without carefully destroying the blue stamp.

Internal Revenue Service officials reported today that no smoker ever was prosecuted for failing to destroy a stamp. They said it is the kind of law that can not be enforced.

Starting June 24, the service announced Monday, tax stamps no longer will be pasted on cigarette packs and barrels of distilled spirits. Instead, the Treasury will collect excise taxes by requiring tobacco manufacturers and distillers to file semi-monthly tax returns. Stamps still will appear on whisky bottles, but they aren't tax stamps. They only give assurance the tax on the whisky has been paid.

Congress authorized an end to

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HST Papers Scrutinized

INDEPENDENCE, Mo. (AP)—Scholars are digging into the personal papers of former President Harry S. Truman for the first time.

Made available at the Truman Library for qualified and approved researchers Monday were 1½ million pages of material covering Truman's early career.

Papers on his White House years will become available later. Gene F. Schmidlein of Springfield, Mo., a graduate student in History at the University of Missouri, was the first to begin studying the papers. He is writing a thesis on Truman's Senatorial career for a doctor's degree.

HAVE PERFECT SETTING

MIAMI (UPI)—It was "psychologically significant" that the Russians demanded a round table instead of a square table for the foreign ministers talks in Geneva, a psychologist said Sunday. "It's a perfect setting for going around in circles," said Dr. Seymour Blumenthal.

Golf pro gets tip on better driving

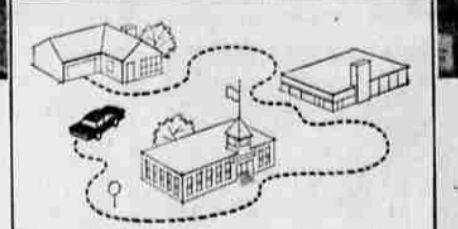


Ken Venturi, holder of a Chevron National Credit Card since 1957, is one of the nation's youngest—and best—professional golfers.

As Ken Venturi has discovered, driving gets better fast with RPM Supreme Motor Oil. It gives triple-grade protection. Flows like a light oil for fast starts...like a medium oil for short-trip driving...like a heavy oil on long highway runs.

And its exclusive Detergent-Action compounding keeps parts so clean, protects them so well, engines can outlast the car itself.

Try it on your car... American or foreign. RPM Supreme saves money by increasing gas mileage under all driving conditions... and cutting repair bills for the life of your car. Proved in millions of miles... in millions of cars... RPM Supreme halts engine wear for keeps!



What is your toughest driving?

It's the kind you do most: short-trip driving. For your engine never stays warmed up. Acid, dirt, and other contaminants get in your oil and cause engine wear—unless the oil is drained out every 1000 miles. Most car manufacturers recommend longer change intervals for consistent highway driving. But they all agree, for short-trip driving you need more frequent oil changes.

23 Years Ago

Monday, May 10, 1936—Members of the Merrill Garden club visited the Lakeshore Gardens on Lakeshore Drive Saturday afternoon. Mrs. W. P. Meyers, proprietor of the nursery, entertained the 20 women who made the visit and spoke to them on shrub culture and the varieties of plants particularly suitable to growth in the climate of the Klamath Basin.

Tuesday, May 11, 1936—Joseph Conger PTA will hold a free pre-school clinic Friday morning at 9 o'clock. Parents are urged to bring to the clinic for examination all children who will start to school in the fall. Dr. Martin Adams will conduct the clinic.

Wednesday, May 12, 1936—Chester Langslet has returned from Salem to begin his work here as field representative of the industrial accident commission. After his appointment, Langslet spent six weeks in the north, familiarizing himself with the work.

Thursday, May 13, 1936—A delightful program to be presented by voice and piano pupils of Mrs. George W. McIntyre will be heard Monday evening at the First Presbyterian church. George A. Myers, baritone, will be the assisting artist, and the public is cordially invited to the recital, which will begin at eight o'clock.

Friday, May 14, 1936—The southern Oregon district of Daughters of the American Revolution will hold its annual meeting in Klamath Falls on Wednesday, May 28, according to an announcement from Mrs. Lloyd J. Goble, district chairman, who will preside at her day's sessions. Reservations for luncheon may be made by calling Mrs. Goble.

Saturday, May 15, 1936—The Congregational Community Circle will meet Friday afternoon at the home of Mrs. Burt Hawkins at 2121 Vine street at 2 o'clock. All members and friends are cordially invited.

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