

Russia Set To Flight-Test Manned Space Ship

By DOUGLAS LARSEN
NEA Staff Correspondent

WASHINGTON (NEA) — Russia will soon begin preliminary flight-testing of a space vehicle which puts a crew into orbit and then permits a controlled exit from that orbit with a safe landing at a site selected by the pilot. The U.S. is at least four years behind.

It is rated the most advanced space weapon yet built. It can be used for bombing and reconnaissance. Because it is man-controlled throughout its flight it is considered a far more sophisticated, versatile weapon than the intercontinental ballistic missile.

The U.S. just a few weeks ago, let a joint contract for the development of a similar space vehicle, called the Dyna-Soar, to the Martin and Boeing aircraft companies. Each company has been given about two and one-half million dollars to do the necessary development and design studies to produce a mock-up, wooden model of a proposed Dyna-Soar.

After the mock-ups are completed one of the firms will be selected to build the real thing. It will be about 1963 before the U.S. reaches the current Russian flight-test stage of such a weapon, experts estimate.

Information on Russia's progress with their manned orbital weapon has reached the Pentagon and Capitol Hill recently from U.S. delegates to the international scientific conferences which have been held in Moscow this summer. Their reports confirm what routine military intelligence has led Pentagon officials to suspect for the past year.

A secret report on Russian rocket progress made for the Air Force by the Rand Corp. about five years ago is said to be the first report of the existence of such a project.

Origin of the concept is traced to the famed group of World War

II German rocket experts who produced the V-1 and V-2 weapons. Both Russia and the U.S. got some of these experts after the war. It is said that the concept was developed as a means of bombing New York City.

A top figure among the German rocket experts was Walter Dornberger, now chief space expert for the Bell Aircraft firm. For the

into the National Aeronautics and Space Administration — there exists a pretty good idea of what such a machine will look like and how it will perform. The Russian vehicle probably has similar characteristics.

It is expected to resemble the shape of a toy paper airplane which kids fold from a sheet of paper. It will have elongated, triangular-shaped wings, with space for the crew in a narrow compartment underneath the wings.

It will have a rocket engine and be launched similarly to the way an ICBM is launched. It will have to develop a speed of at least 18,000 m.p.h. to get into orbit. Most of the vehicle's flight will be controlled by guidance systems similar to those on ICBMs. The pilot will merely push a button at the right moment for getting out of orbit and only exercise complete control for the last moments of landing.

Reconnaissance will be done from orbit. Bombing will be done at lower altitudes. Once it has left its orbit it will not be able to return during the same mission.

There's only speculation on how the Russians will proceed with their flight testing. It's believed

that many low altitude tests spread over a year will be necessary before an attempt is made to get it into orbit.



KLAMATH COUNCIL Camp Fire Girls leaders left early Thursday for a training workshop in Bend with leaders from Deschutes County and Prineville. On their way are, left to right, Dollie Moore, Klamath Council field director; Mrs. Earl Clark, South Klamath Falls district training chairman; Mrs. Harry Eck, training committee member; Naomi French, rear seat, Klamath Council executive director, and Mrs. Reece Bailey, front seat, chairman of the Klamath Falls Leaders Association. Five other leaders from the Klamath Basin attended the workshop specializing in the training of Camp Fire Girls leaders.

The Bulls And The Bears Have Their Ups And Downs

By THE ASSOCIATED PRESS
Bulls and bears—definitely not the stock market variety — had their ups and downs on the news front yesterday.

At Princeton, Mo., a hopped-up Hereford bull, breaking out of a barn invaded playgrounds of a junior high and an elementary school during recess. At the junior high, about 160 pupils made like rabbits into the schoolhouse. Mrs. Jewel Hagan, a teacher, providing rear guard action, was charged by Mr. Bull. She climbed a fence to safety.

At the elementary school nearby the bull charged Mrs. Jessie Alley, a teacher. She dodged and escaped. It butted 10-year-old Maureen David from a swing, but fell down. Maureen and her classmates fled. Livestock handlers finally corralled the bull.

At Buena Vista, Colo., a big black bear ambled down out of the mountains. After munching on some apples in an orchard, it climbed into a cottonwood tree and relaxed. A crowd gathered.

Game Warden A. C. Jordan tried to coax the bear to come down. Honeyed phrases were no use. The bear wouldn't budge. The townsfolk protested when Jordan figured he'd have to shoot the animal, so he put away his gun.

At last report brother Bear still was sprawled in the big tree, blinking curiously at the two-legged characters gathered beneath him.

At South Portland, Maine, it was Bull Moose Day. The 900-pound creature was grazing peacefully in a swampy area when he was suddenly surrounded by police, photographers and hundreds of curious residents.

This went on for several hours and the big-antlered moose couldn't take it. He thundered across main streets and through back yards. Finally a steel fence was in his way. He charged full tilt. The fence didn't budge and the moose was all shook up. He surrendered meekly to a veterinarian, who gave him what he needed—a tranquilizer.

Jobless Pay Benefits Pend

PORTLAND (AP) — The Oregon Unemployment Compensation Commission Wednesday said it was holding up scheduled payments of jobless benefits to workers who were idled by the summer labor dispute between the Operating Engineers Union and the Associated General Contractors.

Employers in many cases have objected to the payments, so the commission is holding up the checks until a referee can arrange hearings.

Affected are some 1,000 workers who were idled by the labor dispute, but who themselves were not actually on strike.

The benefits for the workers would total about \$300,000.

Portland Demos To Greet Harry

PORTLAND (AP) — Democratic party officials will greet former President Harry Truman when he arrives at the Portland International Airport Saturday.

Truman then will ride in a parade through the city, prior to his address at a \$25-a-plate Democratic fund-raising dinner here Saturday night.

AGREES TO CYPRUS TALKS
ATHENS, Greece (UPI) — The Greek government has accepted a request from NATO Secretary General Paul-Henri Spaak for talks here on the Cyprus situation, it was reported today.

WILL INTEGRATE AIR FORCES
THE HAGUE, The Netherlands (UPI) — NATO members Belgium and The Netherlands have agreed on a far-reaching integration of their air forces, it was announced today.



past several years, on his own, he has been doing advanced research on the idea. During that time he pleaded with the Air Force to begin major work on the project. But it wasn't until recently that the Air Force took serious notice of Dornberger's plea, which then led to the Martin-Boeing contracts.

Dornberger and Bell will stay with the project as subcontractors to Martin.

As a result of Dornberger's studies, plus some work done on the idea by the National Advisory Committee for Aeronautics — the organization about to be expanded

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