

U.S. Moon Rocket Trip May Last Milleniums

By JOHN BARBOUR

Associated Press Science Writer
NEW YORK (AP)—A huge U.S. moon rocket—short on brains but long on brawn—may blast into space this weekend on a trip that could take just 34 hours, but might last millions of years.

It is the U.S. Army's first shot at the moon—and like its Explorer satellite shots, the Army hasn't spared the horses.

This is perhaps the greatest difference between the planned Army probe and the last three shots by the U. S. Air Force, one of which reached as high as 79,000 miles.

The Air Force satellite weighed about 85 pounds. It was aimed at an orbit or at least a single trip around the moon. In its final stage it carried the electronic brains and maneuvering rocket to do the job.

The 30-pound Army shot is less ambitious. It too is aimed at the moon with the intention of hitting the lunar surface. But if all works well it may be destined for a greater glory.

The Army has packed its rocket, dubbed Juno II, with enough power and speed to overcome the pull of the earth's gravity shot.

Deputies Find Drown Victims

PORTLAND (AP)—Sheriff's deputies Thursday recovered the bodies of a man and his son, who were drowned in the Columbia River near Sundial Beach here Saturday.

Otis Johnson, 46, and his son, Wayne, 16, vanished when their small boat capsized west of Corbett while they were on a duck-hunting excursion. Another Johnson, Lloyd, 17, and a friend, John Bergeson, also 17, swam to safety.

It has a 1 in 2 chance of building up escape velocity—and so blasting away from the earth into a possible orbit around the sun.

Such an orbit might last millions of years.

This assumes first that all the moon rocket's engines will fire and that it will overshoot the moon.

The moon is not an easy target to hit. So many things are unknown about its mass and behavior that it can easily be missed.

Just as unpredictable is the behavior of the moon rocket itself. The Air Force rocket that burned almost 80,000 miles above the earth—man's greatest penetration of space—might have gone to the moon. But with each stage of its flight, it fell a little more away from its programmed path.

Finally it was at such an angle that its energy was not most efficiently used and it wore itself out before it had gone more than a third of the way.

The Army rocket has the power to slice through a big hunk of space—more power than it needs to hit the moon. It is generally conceded that the Army rocket system has more horsepower than the Air Force touched off.

You can get some idea by looking at the traveling times. The Air Force shot was to take 72 hours before it was within moon range. The Army shot will probably take about 34 hours.

The Army has kept mum on its rocket plans, because it said it doesn't want to occasion a build-up of public expectancy and its consequent pressure on its rocket people.

But two days ago the service tower was pulled back from the big moon rocket at Cape Canaveral, Fla., and it stood with its nose only shrouded.

BASIN BRIEFS

Midland — Community Club will have a work day at the hall on Sunday, December 7, beginning at 9:30 a.m. All help will be appreciated. Potluck luncheon at 12:30.

Far East — Navy Chief Warrant Officer Robert J. Derra, husband of the former Charlotte W. Sims, Malin, is serving aboard the ammunition ship USS Mt. Baker, operating with the Seventh Fleet in the Far East.

Oregon State — Mothers' Club is sponsoring a cooked food sale at the Low Cost Market in the Town and Country Shopping Center to raise money for a scholarship. The sale will be held on December 12, starting at 3 p.m. until 9 p.m., and will continue on December 13. Any Oregon State mothers not contacted are urged to phone Mrs. Homer Ellis or Mrs. Ellis Matthews.

Dorris — Judge and Mrs. Les Chase of Dorris spent the Thanksgiving holiday with Chase's sister and family, the Enoch Isaaksons, in Sacramento. The Chases also visited with the judge's 94-year-old aunt in Petaluma.

Belles and Beaux — The Belles and Beaux Square Dance Club will dance the first and second Tuesdays and third and fourth Thursdays of each month at 8 p.m. in the Dorris City Hall, according to Mrs. Kenneth Holbrook of Macdoel. The dances started December 2 and will last throughout the winter months.

McCloud — Dr. Glenn Kendall, president of Chico State College, is to be guest speaker at the December 10 meeting of the McCloud Service Club. He will speak on his experiences in Ethiopia last summer and will show slides taken there. The dinner meeting will be held in the McCloud cafeteria banquet hall.

Home — Mrs. Orville Schroeder and three children have returned to their home in Langell Valley after spending several days at Sunnville with her husband who is employed there.

Spending — several days at Redding with her mother, Mrs. Maude Pool, and other relatives was Mrs. Mabel Maxwell of Bonanza and her son-in-law and daughter, Mr. and Mrs. Carl Prough, Carla and Craig of Klamath Falls.

Visitors — at the home of their son, Elwood Dye, and family of Coquille for a few days were Mr. and Mrs. James Dye, Blaine and Neal of Bonanza.

Meeting — The Bonanza Women's Club will meet at the library all day Tuesday, December 9, to make Christmas wreaths and swags. Please bring a sack lunch; coffee will be furnished. The wreaths and swags will be sold at the club bazaar on December 13, starting at 10 o'clock.

Elected — Lloyd Gift was re-elected to serve on the board of the Lost River Cemetery Association of Bonanza. The election was held at the library on December 1.

New Son — Mr. and Mrs. Art Flager of Langell Valley are parents of a son, David Lee, born November 30. Grandmother, Mrs. Melvin Roads, of Carmichael, California, is staying with the baby's older brother and sister.

Ranch Sold — F. W. Brown of Langell Valley has sold his ranch to Mr. and Mrs. Jack Metler of

Klamath Falls. The Metlers are the parents of Mrs. Wayne Yancy and Mrs. George Keady of Langell Valley.

Langell Valley — Mr. and Mrs. Leland Harris left December 1 to spend the winter months in California and Arizona. Mrs. Harris has been in ill health for some time.

At Conference — Lake County Agent Oris Rudd and 4-H Club Agent Al Haslebach are attending the annual conference of extension agents being held this week at Oregon State College.

Guests — at the home of Mr. and Mrs. C. H. Langset in Lakeview during the Thanksgiving holiday were Mr. and Mrs. C. L. Peterson and Karen Peterson of Seattle; Laird Aldrich of Las Vegas; and Mrs. Fay Aldrich of Santa Rosa. Mrs. Ella Prior, a sister of Mrs. Langset, arrived from Napa, California, to visit with her parents, Mr. and Mrs. Warren C. Laird.

Sale Success — The door-to-door canvass staged by the Lions Club members of Lakeview, the evening of Tuesday, November 25, for the fourth annual light bulb sale, was a definite success, according to Dewey Merdyth, chairman of the sale. A net profit of \$247 was noted by the club. The primary purpose of funds raised by this program is the furnishing of eyeglasses to needy school children.

Toy Barrels Go In Stores

Brightly colored toy barrels to receive new toys in the annual "Operation Santa Claus," sponsored by the Loyal Order of Moose Lodge, were placed today in many of the downtown and suburban business houses.

Holiday shoppers are asked to drop new toys for boys or girls into the barrels to be distributed to an anticipated 400 children on Christmas Eve who might otherwise be forgotten. Nearly that number were taken care of in 1957.

Barrels were delivered through the courtesy of the Bend-Portland Truck Service.

J. L. Mortel, in charge of "Operation Santa Claus," announces that teen-agers also are to be remembered through the sale of Christmas trees on the Balsiger Motors storage lot at Main and Broad streets.

Special orders for any size tree will also be taken by calling TU 2-1557.

A breakfast for the workers is planned for Sunday, December 14, 9 to 11 a.m. at the lodge hall.

TIGHT ENGINE

LONDON (UPI)—A red Morris Minor sports car was seen on the streets of London today with this sign in the rear window:

"Please give: Engine tight—driver sober."

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Both Labor, Management Establish Strike Cushion

WASHINGTON (AP) — In increasing numbers, both labor and management groups are establishing some sort of arrangement to cushion the money loss entailed in a strike.

Unions do it by saving up huge strike funds. Companies are starting to do it by agreements providing that a group of firms will pool the strike loss of any one of them.

The most publicized is a recent agreement among six major airlines to share with a struck airline the extra revenues the others get because the one is out of operation.

Capital Airlines recently experienced a 38-day strike. But airline industry sources say Capital emerged without much out-of-pocket loss because of the pooling agreement.

The Civil Aeronautics Board, incidentally, announced it was going to take a long look at this novel plan and set a full hearing for Jan. 14. Meantime, it let the pact stand.

Trans World Airlines and Eastern Air Lines, both now shut down by strikes, are due strike benefits under the plan. Other participating airlines are American, United and Pan American World Airways.

On the other side of the picture, the International Assn of Machin-

ists, which struck Capital, TWA and Eastern, pays strike benefits to strike-idled workers. Out of a fund exceeding two million dollars the union pays strikers \$35 a week starting the second week of a walkout. The figure was raised last month from \$10 a week.

It is reported that other industries have strike-aid plans although none are known to divide profits on the pattern of the airline plan. Some newspapers carry strike insurance that provides indemnity benefits when their workers walk out.

Labor Department officials say that well over half, perhaps 60 per cent, of all the nation's 18 million union members are backed up by strike benefits of some sort. The United Auto Workers, for example, have set up a 50-million-dollar strike fund — now cut in half due to a rash of UAW strikes this year. It's rumored the UAW plans to boost its strike fund to 100 million.

UAW pays benefits after two

weeks of a strike. Benefits vary 60 per cent of regular pay for the worker with dependents, 40 per cent for the single worker.

Airline pilots have the richest plan, with benefits ranging from a low of \$350 to a high of \$650 a month.

The International Typographical Union — the typesetters — provides a minimum \$36 weekly strike benefit, with provisions for

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