

# 'Photon' Space Ship May Solve Time Machine Problem

Moscow — A Soviet scientist indicated today that man's age-old dream of creating a time machine may be realized some day with the aid of "photon" space ships able to project man thousands of years ahead of time.

K. A. Gilzin, a member of the USSR astronautical section, wrote in the newspaper Soviet Aviation that space travel on a "photon" space ship which converts matter into fuel and travels at the speed of light (186,000 miles a second) can travel for half a lifetime into outer space, then return to earth and find that thousands of years have elapsed.

Gilzin admitted that this is a "daring fantasy," but said this is consistent with Einstein's theory of "deceleration."

According to Einstein, as man travels at a speed approaching the speed of light he actually slows down or decelerates in relation to time on earth. Thus a man traveling through outer space who leaves behind on earth a six-year-old son can return after a period of time to find that his son is older than he is.

**Born and Died**

Gilzin said that man traveling on a photon space ship

can reach "in several years" stars far distant from the earth and can return to earth. During this time many generations will have been born and died.

He described what he called a photon-space ship which obtained its fuel from minute particles of matter which exist in outer space.

The ship is composed of four huge squares, each one square kilometer in area.

A funnel mouth in the center of each square picks up all particles of matter encountered in flight, then digests them and transforms them into light and ejects them to the rear — thus creating forward motion.

A passenger cabin is located where the four squares intersect and elevators connect the cabin to the engines, presumably to permit maintenance.

Gilzin said that the photon engines will also pick up particles from the colossal gas vapors which exist in outer space.

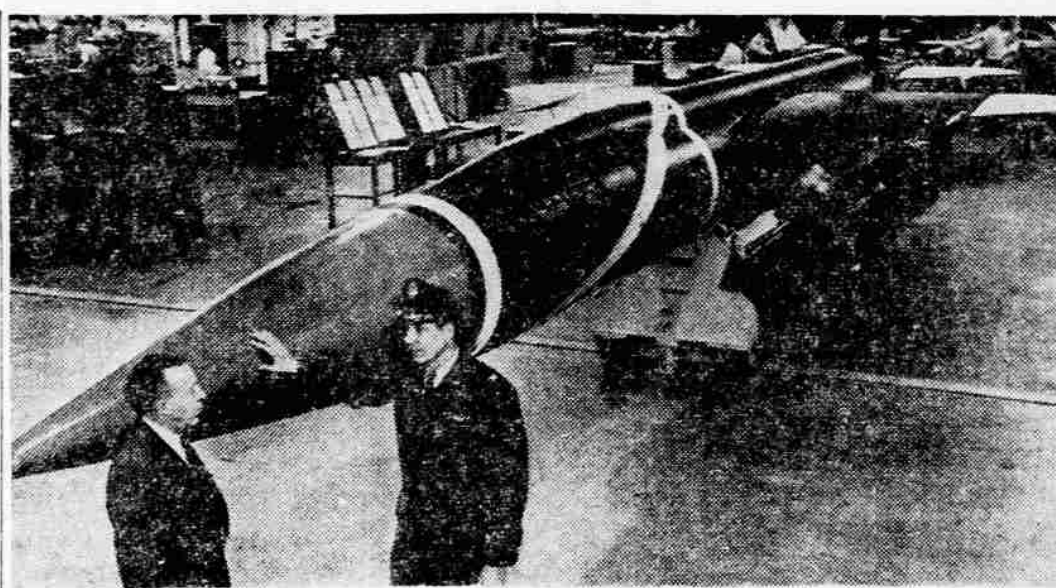
The writer admitted, however, that there are tremendous problems that must be solved before any such ship can be constructed, including the basic problem of converting all matter into energy.

But, he said, "it is hardly surprising that our Soviet people, the people who made the first step to the conquest of the cosmos, are already thinking of such a great scientific problem."

"No, there are no limits to the creative daring of the man of the first Socialist country," he said.

The same issue of "Soviet Aviation" describes an airplane of the future called an "ionosphere plane" which draws its fuel from "disintegrated and ionized solar radiation" in the ionosphere.

According to Maj. Gen. G. I. Plikovskii, one of Russia's leading missile experts, a catalyst in the engine of this plane reconstitutes the ions and atoms into molecules and the energy produced by this propels the plane.



**ROLLING OUT OF FACTORY.** This is first production model of BOMARC missile completed at Boeing plant in Seattle. Col. R. J. Walling, Air Force representative, and L. A. Wood, Boeing vice president, are inspecting supersonic device for intercepting enemy bombers. Missiles will be placed on both coasts. (International Soundphoto)

**LIGHTSHIP REPLACED**  
Old Saybrook, Conn. — After 101 years of service the Coast Guard decided to replace the Cornfield Lightship on Long Island Sound with radar buoys. But it had to delay deactivation of the lightship indefinitely when the buoys wouldn't function properly.

**Lonergan Suffers Stomach Hemorrhage**  
Portland — Circuit Judge Frank Lonergan was treated by his physician Tuesday after suffering a stomach hemorrhage in his courtroom chambers. His condition was reported as "not serious."

**1957 HOME LOANS**  
Chicago — The nation's 6,000 savings and loan associations made \$10,300,000,000 in home loans during 1957. The United States Savings and Loan League said this was \$300,000,000 below the 1956 total but represented an "excellent record" in view of a reduced home building and buying market.

## Hillary May Aid Fuchs on Jaunt

Wellington, N.Z. — A New Zealand Antarctic explorer said today Sir Edmund Hillary may help to set up an extra supply base to aid the completion of Briton Vivian Fuchs' trail-blazing trans-Antarctic trek.

A. S. Heim, chairman of New Zealand's Ross Sea Committee, said the new base, that would be 100 miles nearer the pole than the one Hillary set up last year, could be provisioned entirely by plane.

Earlier, Hillary himself had confirmed his earlier plan to fly to the base already established and guide Fuchs from there to New Zealand's Scott base on the Antarctic coast. It appeared he had abandoned efforts to talk Fuchs out of the transcontinental try.

The British explorer was 260 miles from the pole at latest reports. He expects to reach it by a week from Friday and push on toward the coast.

## TIME MODEL

Boise, Idaho — Boise juvenile authorities are keeping a check on sales of a certain type of model airplane glue after discovering that a number of youths had been getting "high" by sniffing the fumes from the adhesive material.

Youngsters engaged in this "rag jag" practice, which police labelled as "dangerous and potentially fatal," by squirting the glue into a handkerchief and then sniffing the fumes.

Officers said that concentrated inhalation could cause severe damage to respiratory and circulatory centers of the body.

## FIFTY HUNTING YEARS

Farmington, Me. — Veteran hunter Ralph Libby, 64, accomplished an annual goal this year as usual. He has bagged his deer limit every year since he was 14.

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## Grange Notes

**Upper Applegate Grange**  
Upper Applegate Grange will meet Friday, Jan. 10, at the Grange hall. Members are asked to take four sandwiches.

**Gold Hill Grange**  
Gold Hill Grange met Thursday evening, Jan. 2, with all the newly-elected officers present. Master Charles Foote presided and outlined the work of his committee for the coming year.

Two officers, who failed to be installed at Central Point Dec. 12, were inducted into office. Master Foote gave the obligation to Chaplain Nora Wait and Willie McLean.

The literary program opened with a group of piano selections by Dorothy Eskew. The roll call was answered with what each member would like to see achieved during the coming year. Some of the replies were: more pleasure as well as work, more improvements on the hall and more than anything else, peace and harmony in service to members and the community.

One member gave a short summary of income and expenses of the past year. Another member gave a few figures from a subordinate Grange in Illinois which said one member joined their Grange in 1907. Tabulations from this Illinois Grange listed such items as the purchase of five pounds of butter for \$1.85 and the best silverware at \$2 for one dozen pieces, which is still in use by the Grange.

A couple of humorous readings were given by Glenn Miller, on vacation from O.T.S., who was at the meeting with his mother, Nellie Miller.

The program closed with a vocal duet by sisters Eskew and Bruce. Refreshments were served by Chauncey and Vada Page and Willie McLean.

Sunday, Jan. 12, the Grangers and their families will attend the annual Officers dinner, which will feature roast turkey furnished by the Grange. Members will bring potluck dishes and serving will start at 1 p.m.

The HEC will meet Thursday, Jan. 9, as will the Juvenile Grange, at which time four juvenile officers will be installed.

## Neuberger Will Seek Pay Boosts

Washington — Sen. Richard L. Neuberger (D-Ore.), said today he will seek early Senate action on bills to provide pay raises for postal workers and about one million other federal employees.

Neuberger is chairman of a Senate Civil Service subcommittee that worked out the bills last year. They were approved by the Civil Service committee and sent to the Senate but not called up for action.

## GOOD TURN

Wallingford, Conn. — Edward C. Cittinick made a wrong turn which turned out right. While making deliveries for a drugstore he wound up on the wrong street in time to rescue two-year-old Patricia Bunnell from a water-filled excavation.

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