

Air Force Pushes Ahead With Plans To Produce Manned Space Craft

Washington—UPI—The Air Force, pursuing its role as the future U.S. space force, rushed plans today for producing a manned space craft with a wide variety of military uses.

Known as Dyna Soar, the space vehicle will combine the ballistic missile and the airplane in a maneuverable machine that can put man into orbit and let him land routinely on large air bases.

The Air Force Wednesday announced the badly kept secret that Boeing Airplane Co., Seattle, Wash., had been ordered to go ahead with "design and ground testing" looking toward construction of experimental Dyna Soars.

The Air Force space ship is a sharp departure from the Mercury Project of the National Aeronautics and Space Administration. Mercury calls for rocketing a man into space in a capsule mounted on an Atlas missile. His reentry into the atmosphere would be controlled from the ground and the capsule would be let down

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gently on a parachute.

The Defense Department holds the Dyna Soar to be a research and development project. It shies away from discussing potential military uses.

Experts consider, however, that the Dyna Soar may be able to perform these military roles in the late 1960s.

A reconnaissance ship loaded with photographic equipment and infrared sensing devices to detect enemy missile launchings and other activities.

A satellite interceptor and satellite inspector. It could examine objects in space to see whether they were friend or foe, and could be armed to neutralize or disarm enemy space vehicles.

As a pilotless vehicle, it

could orbit the earth carrying bombs which could be dropped on command from earth stations.

It could be used as an intercontinental guided missile, which would follow a devious rather than predictable path to its target.

The Dyna Soar project is expected to result in a flying machine by about mid-1964.

The experimental version will be a winged glider, designed to resist temperatures of 2,000 degrees on reentering the atmosphere. It will

Salem—UPI—Oregon Republican Chairman Peter Gunnar was released from a Salem hospital Wednesday afternoon. He is recovering from an attack of a form of meningitis. He entered the hospital April 18.

be boosted into space by a Titan intercontinental ballistic missile.

Congress Urged To OK Transfer Of Navy Range

Washington—UPI—An Oregon state official urged Congress Wednesday to approve the transfer of the Navy's Boardman bombing range in Morrow County, Ore., in exchange for state-owned lands of equal value.

Samuel H. Mallicoat, deputy director of Oregon's Department of Planning and Development, said the state would underwrite the cost of the move to Wagontire in southeastern Oregon.

In prepared testimony before a Senate armed services subcommittee, Mallicoat said the move will permit "orderly economic development of Oregon to its highest and best use."

No Known Opposition He said there is no known opposition to the proposed transfer of the range from its present Columbia river basin site. Oregon wants to develop a space age industrial park at the Boardman range.

The proposal was introduced by Oregon Democratic Sens. Wayne Morse and Hall Lusk as an amendment to the military construction bill. Mallicoat also transmitted Gov. Mark Hatfield's request for favorable action.

Robert Weir, representing the Lake county Chamber of Commerce, advised the committee he would submit a statement by Monday.

Stock List Meets Mild Selling in Early Trading

New York—UPI—Stocks met mild selling in the early trading today with steels, oils and rails pacing the downturn.

The list suffered its fifth consecutive setback Wednesday in the face of what brokers considered the healthiest news background in weeks.

Polaroid added nearly 3 in the cameras and Minneapolis-Honeywell nearly 4 in its section. Steels favored a generally easier price trend. Lukens dropped a point.

Autos met some support with small gains appearing in Ford, Chrysler and General Motors. American was unchanged.

Du Pont firmed in the blue chips. Thiokol lost more than 1 in the chemicals, and IBM around 1 in the electronics.

DOW-JONES AVERAGES New York—UPI—Dow Jones final stock averages: 30 industrials 609.96, off 0.96; 20 railroads 104.83, off 0.17; 15 utilities 89.08, off 0.11, and 65 stocks 202.43, off 0.29. Sales Wednesday were about 3,020,000 shares compared with 2,940,000 shares Tuesday.

Wednesday's prices on selected stocks:

Allied Chemical	49 1/2
Alum. Co. Am.	89 1/2
American Can	31 1/2
American Motors	27 1/2
A. T. & T.	89 1/2
Anaconda Copper	51
Armco Steel	81
Bendix Aviation	64
Bethlehem Steel	44
Boeing Air	24 1/2
Caterpillar Corp.	27 1/2
Chrysler Corp.	30 1/2
Continental Can	41 1/2
Crown Zellerbach	44 1/2
Curtis Wright	20 1/2
Dow Chemical	90 1/2
Du Pont	205 1/2
Eastman Kodak	108 1/2
Firestone	35 1/2
General Electric	80 1/2
General Foods	104 1/2
General Motors	44 1/2
Georgia Pacific	56 1/2
Graham Paige	42 1/2
Gulf Oil	31 1/2
Homestake Mining	41
Idaho Power	30 1/2
I. B. M.	44 1/2
Int. Paper	104 1/2
Johns Manville	55 1/2
Kaiser Ind.	11 1/2
Katy	27 1/2
Kennecott Copper	78 1/2
Lockheed Aircraft	22
Montana Power	27 1/2
Montgomery Ward	43 1/2
Natl. Biscuit	24 1/2
New York Central	23 1/2
Pea Gas & Elec	21 1/2
Pennsylvania	120
Penn. RR	113 1/2
Radio Corporation	72 1/2
Richfield Oil	71 1/2
Safeway	32 1/2
Sears	40 1/2
Shell Oil	39 1/2
Soco Mobil Oil (nd)	37 1/2
Southern Co.	44 1/2
Southern Pacific	19 1/2
Standard California	42 1/2
Standard Indiana	40 1/2
Standard N. J.	42 1/2
Sun. Mines	6
Texas Co.	73 1/2
Texas Gulf Sulfur	16 1/2
Transamerica	25 1/2
Trans World Air	12 1/2
Tri-Continental	34
Union Carbide (nd)	128 1/2
Union Pacific	26 1/2
United Aircraft	33
United Air Lines	27 1/2
U. S. Rubber	21 1/2
U. S. Steel	76 1/2
Youngstown S. & T.	102 1/2

Tamalpais Valley, Calif.—UPI—Firemen extinguished a blaze in an automobile, then discovered the owner's name was F. J. Holt.

ing sought in the budget now before Congress.

The Air Force expects to follow a cautious test program similar to that planned for the Mercury Project.

Some time this year, the first Mercury astronaut is expected to take a 200-mile ride down the Atlantic range, achieving a height of 100 miles.

In 1961, plans call for orbiting the first astronaut.

Boeing will build 11 Dyna Soars. Three will be for

ground tests, four for unmanned flights and four for piloted flights.

In the first manned test, the glider will be boosted into the sky from Cape Canaveral, Fla., and fly at speeds slower than needed to go into orbit.

Later the glider will be hurled into orbit, circling the globe at 18,000 miles an hour.

Present plans called for the manned space ship to land on the California desert at Edwards Air Force Base.

The Air Force did not say

when the first manned flight would be attempted. But other sources indicated a sub-orbital flight might take place by September, 1964.

Boeing was named contractor for the Air Force manned space program last Nov. 9.

Since then the service and the industry have debated the merits of winged gliders as opposed to capsules like the Mercury vehicle.

The go-ahead to Boeing meant the Air Force had decided to stick with the glider concept.

PROTEST CLOTHING CURB New York—UPI—Barnard College coeds planned a mass campus demonstration today against a proposed ban on wearing Bermuda shorts and slacks to classes.

Barnard College President Mrs. Millicent C. McIntosh proposed the ban in a memo to a faculty committee on student activities and the student council. No action is planned until the two groups have a chance to express their feelings.

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