

Scientists To Study Chimp Astronaut



CAPSULE PLUCKED—A Marine helicopter is shown moving down to pick up the space capsule containing the chimp flown through space Tuesday. Standing by is the destroyer USS Eillon. (UPI Telephoto)

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MEDFORD MAIL TRIBUNE

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Prices Softened On Stock Market

New York — (UPI) — Sellers and profit takers put in an appearance on the stock market today, softening prices. Industrials and rails showed a predominance of small minus signs while utilities continued steady.

Steel shares were mixed with Bethlehem down 1/4 and U.S. Steel and Youngstown up 3/8 apiece. Vanadium Alloy Steel was a feature with a 2 1/2 point drop.

Among the autos, American Motors lost 3/8, reacting to lower fourth quarter earnings. Chrysler dipped 1/8, Ford gained 1/8 and GM was unchanged. Du Pont led the chemicals with a rise of 1 3/4 while Union Carbide added 1/2 and Allied led a like amount.

DOW-JONES AVERAGES
New York — (UPI) — Dow-Jones final stock averages: 30 Industrials 648.20, off 2.44; 20 railroads 141.71, up 0.31; 15 utilities 106.50, up 0.53, and 65 stocks 218.54, off 0.10.

Sales Tuesday were about 4.69 million shares compared with 5.19 million shares Monday.

Allied Chemical	57
Alum. Co. Am.	74 1/2
American Can	35 1/2
American Motors	18
A. T. & T.	115
American Tobacco	74 1/2
Anaconda Copper	49 1/2
Armco Steel	69 1/2
Bendix Corp.	72
Bethlehem Steel	38 3/4
Boeing Air	38 1/2
Brunswick	44 1/2
Caterpillar Corp.	30 1/2
Chrysler Corp.	39 1/2
Coca Cola	81 1/2
Continental Can	40
Crown Zellerbach	56 1/2
Curtis Wright	18 3/4
Dow Chemical	70 1/2
Du Pont	205 1/2
Eastman Kodak	112 1/2
Firestone	29 1/2
Ford	39 1/2
General Electric	70 1/2
General Foods	74 1/2
General Motors	70 1/2
Georgia Pacific	37 1/2
Greyhound	21 1/2
Gulf Oil	36 1/2
Idaho Power	37 1/2
I. B. M.	63 1/2
Int. Paper	34 1/2
Johns Manville	60 1/2
Kennecott Copper	82 1/2
Lockheed Aircraft	29 1/2
Montana Power	32 1/2
Montgomery Ward	29
Natl. Biscuit	7 1/2
New York Central	18
Northern Pacific	44 1/2
Pac. Gas & Elec.	80 1/2
Penn. J. C.	41 1/2
Penn. RR	13 1/2
Phillips	37 1/2
Radio Corporation	35 1/2
Richfield Oil	36 1/2
Safeway	29 1/2
Sears	35 1/2
Shell Oil	43 1/2
Security Mobil Oil	48 1/2
Southern Co.	36
Southern Pacific	22 1/2
Sprey Band	22 1/2
Standard California	30

University To Participate in African Program

Eugene — The University of Oregon will be one of some 80 colleges and universities in the nation to participate in an African scholarship program which will begin next fall.

Under the program, which was developed at Harvard university for the purpose of helping educate leaders of emerging African nations, as many as 200 African students will be brought to American universities on four-year scholarships.

The University of Oregon will receive at least one, possibly more, African students under the program. The university will provide tuition scholarships for them, while the International Co-operation administration will pay for the students' living expenses, books, and other supplies.

The African-American institute, which is the administering agency for the program, has opened a central office in Tanganyika. Field agents in each of the participating East and Central African countries will help select the students.

At the present, there are eight African students at the University of Oregon. Four are from Ghana, three from Nigeria, and one from Uganda. Of these two have scholarships from their country, two have U.S. government grants, two have partial foreign student scholarships from the state of Oregon, and two are completely on their own.

Educators in Uganda, Nyasaland, and other African countries are very optimistic and have expressed thanks for the new program which they hope will help create good leadership for their nations.

Cape Canaveral — (UPI) — Ham, the boy chimp astronaut, returns here today to help scientists decide whether space jaunts are yet safe for human astronauts.

Ham survived a 5,000 mile-an-hour rocket ride down the Atlantic missile range Tuesday which went half wrong and half right.

The Mercury "life support" spacecraft in which he rode, and its escape system worked fine throughout most of Ham's trail-blazing trip.

But the souped-up Redstone rocket which launched him 155 miles up and 420 miles out over the sea did more than was expected of it and trig-

gered a chain of events which for a while put the chimp's fate in doubt. The round-bellied, 3 1/4 year old Ham, a scene-stealing adolescent who won't be truly adult for another four years or so, appeared to think it was merely a lark arranged to give him a chance to show off.

On being plucked from the sea and freed from his sealed space cabin Tuesday afternoon, about 175 miles east of Grand Bahama island, Ham posed for a picture shaking hands with his veterinarian.

Ham was launched from Cape Canaveral at 8:55 a.m. (PST) Tuesday and was haul-

ed out of the Atlantic three hours later by a Marine corps helicopter piloted by Lt. John A. Hellriegel of Gainesville, Fla.

He was put aboard the landing ship dock Donner where Maj. R. E. Benson, an Air Force veterinarian attached to the Atomic Energy commission, greeted him and was rewarded with a handshake.

In view of what he had been through and despite the fact that he was in "very good spirits," according to a report by the National Aeronautics and Space Administration, Ham was put to bed in the Donner's sick bay after a very light lunch.

All he got for his work was one apple, one-half an orange and a skimpy wedge of lettuce.

Then he was faced today with a dull sea ride to Grand Bahama Island, at roughly 1-160th the speed of his rocket ride, plus more medical check-ups and an airplane trip back to the United States.

NASA expected him to arrive at Patrick Air Force Base on the Cape late in the afternoon. For one of the healthiest chimps in the world, he has been getting and will keep on getting for days the most thorough examination medical science knows how to give.

Ham, known to his scientific

friends as "Animal Subject No. 65," was scheduled to go only 115 miles up and 290 miles down range. But the modified Redstone rocket added 40 miles to his peak altitude and tacked 130 miles on to the range by burning its fuel faster than planned.

This caused a "thrust decay" when the rocket ran out of fuel and that, in turn, triggered the Mercury spacecraft's emergency escape system.

By the time that happened, however, spacecraft and chimp-astronaut were shooting along at about 4,000 miles an hour. The emergency escape rocket, as it should, ripped the

craft away from the booster. But in so doing it hiked its speed to more than 5,000 miles an hour.

Through all this and the subsequent dive back down through the atmosphere, Ham underwent forces seven to 12 times those of gravity. But the Mercury "life support" system and his form-fitting couch sustained him.

NOW YOU KNOW
United Press International
The fastest measured speed for a snake is that of the black mamba. On a favorable surface, it can attain nearly seven miles per hour.

NEWSMAN REMEMBERED

Washington — (UPI) — The National Press club has posted the following notice:

"John F. Kennedy, a former newspaperman now in politics, was approved for membership."

PUPILS ESCAPE INJURY

Maryland, Tenn. — (UPI) — A two-room mountain school was destroyed by fire just before school was out Tuesday, but the 43 pupils escaped without injury.



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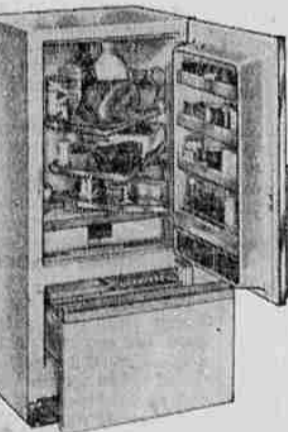
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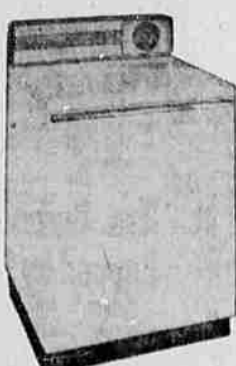
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