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First Front Page, almost to the top of the page - Orlando Sentinel.  
Small Headline -- Algae Test To Ride Piggy Back. Larger Headline --  
Next Atlas To Carry Martin Company Experiment.

CAPE CANAVERAL, AP -- Attached to the side of the next Atlas missile fired from Cape Canaveral will be a chubby white cylinder carrying devices to explore radiation and means of keeping man alive on long space voyages. The cylinder is the first of several designed to collect dividend data during military test firing of the Atlas. Larger versions of the "piggy back" package will carry small monkeys probably as early as July.

Two experiments will be included in the first cylinder, the four foot tall package which sits on the lower part of the 85 foot rocket. One will measure electrons and protons and the Atlas climb to an altitude of 700 miles before streaking back into the earth's atmosphere. The instruments are part of a continual mapping of the lower Van Allen radiation belt by the Air Force Special Weapons Center. Also included is the strip of lucite which absorbs radiation at the same rate as human skin.

The second experiment provided by The Martin Company consists of a mass of algae. Purpose of the test is to determine the effective weightlessness and other space conditions on this chlorophyll loaded plant. Algae, because it is light and reproduces

quickly, may be used as food for future spacemen. Algae also can absorb deadly carbon dioxide from a human breath and in turn give off life giving oxygen. A small box will pump carbon dioxide to the algae during *the upcoming* flight to determine absorption capability in space. The experiment also will test the effect of weightlessness on the crystal of potassium superoxide (?) which absorbs carbon dioxide and returns pure oxygen. Information will be radioed to earth.

The cylinder will remain attached to the Atlas and burn up when the missile tumbles back into the atmosphere after releasing its nose cone.

Officials emphasize main objective of the flight is performance of the Atlas as a military weapon with the experiment of secondary goal.

Room in later cylinders will be allotted to industry, universities, and government agencies like the Atomic Energy Commission.

In July a six to eight pound rhesus monkey is expected to ride in a recoverable cylinder more than eight feet tall and 30 inches in diameter. The package will eject and parachute into the Atlantic Ocean for recovery. This and future monkey's lives will test various environmental systems being designed for lengthy space trips. Instruments attached to the passenger's back will send back information on heart beat, respiration, temperature, and other body functions.