



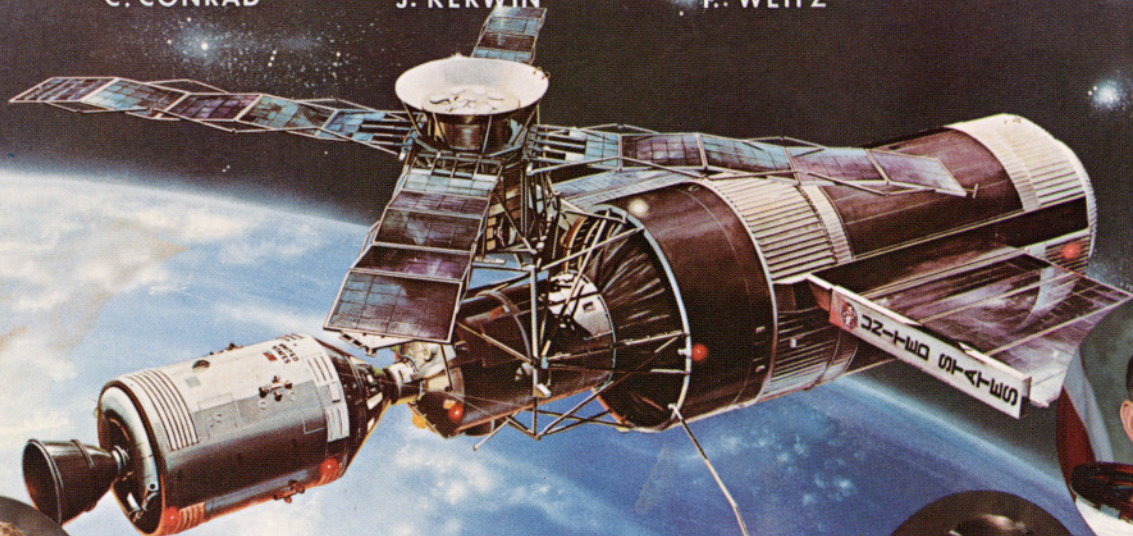
C. CONRAD



J. KERWIN



P. WEITZ



A. BEAN



O. GARRIOTT



J. LOUSMA



W. POGUE



E. GIBSON



G. CARR

Skylab Prime Crews



**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION**



## CREWS FOR SKYLAB

### THE MANNED ORBITAL SCIENTIFIC SPACE STATION

Skylab, a 100-ton manned orbital scientific space station, is scheduled to be launched and placed in near-earth orbit early in 1973. The Program is designed to expand our knowledge of Manned Earth Orbital Operations and to accomplish selected scientific, technological, and medical investigations.

The first flight, designated Workshop Launch, will be unmanned and will be used to place the space station in orbit. It will be followed over an eight-month period by three manned flights which will take the crews to and from the orbital laboratory.

Three-man crews will go aloft for each of the manned flights — the first will last up to 28 days; the other two will be up to 56 days. The crews will include a commander, science pilot and pilot. They have been selected on the basis of aeronautical, scientific and medical skills.

Prime crewmen for the First Skylab Mission are Charles Conrad, Jr., Commander, Joseph P. Kerwin, Science Pilot, and Paul J. Weitz, Pilot. Conrad, a U. S. Navy captain, flew on Gemini V and XII flights, and was commander of Apollo 12 with a total of 506 hours in space. Kerwin is a doctor of medicine from the Northwestern University and a commander in the U. S. Navy Medical Corps. Weitz holds a masters degree in aeronautical engineering from the U. S. Naval Postgraduate School. Both Kerwin and Weitz will be making their first trip into space.

Prime crewmen for the Second Skylab Mission are Alan L. Bean, Commander, Owen K. Garriott, Science Pilot, and Jack R. Lousma, Pilot. Bean was lunar module pilot on Apollo 12. He graduated from the University of Texas with

a degree in aeronautical engineering and is a U. S. Navy captain. Garriott, Science Pilot, holds a doctorate in electrical engineering. Lousma, a Marine major, has aeronautical engineering degrees from the University of Michigan and the U. S. Naval Postgraduate School. Neither Garriott nor Lousma have flown in space.

The Third Skylab Mission prime crew will consist of three space rookies. Commander, Gerald P. Carr is a U. S. Marine lieutenant colonel with a masters degree in aeronautical engineering from Princeton University. Science Pilot, Edward G. Gibson, has a doctorate in engineering and minor in physics from California Institute of Technology. William R. Pogue, Pilot, is an Air Force lieutenant colonel with a masters degree in mathematics from Oklahoma State University.

Backup crewmen for the First Skylab Mission are Russell L. Schweickart, Story Musgrave and Bruce McCandless, III. The backup team for the Second and Third Skylab Missions will be Vance D. Brand, William B. Lenoir and Don L. Lind.

The crew's day will be a busy one with activation of systems, housekeeping, and other flight functions. Approximately 28 percent of their time will be devoted to conducting experiments and keeping records. In addition, the crew will have eight hours of sleep and the rest of the time will be taken up with eating, personal hygiene, rest and recreation.

The temperature outside the Skylab will vary between 200° Fahrenheit above to 200° below zero, but inside the Skylab, the crew will have shirt-sleeve environment.

After the first 28 days, the crew will have accumulated over a half ton of experiment film, specimens and records to stow and bring back to earth in the Apollo command module.