

KONRAD K. DANNENBERG

Konrad K. Dannenberg is the deputy director of the Mission and Payload Planning Office, Program Development, at the Marshall Space Flight Center near Huntsville, Alabama. He also serves on a time limited assignment as CVT Project Manager, Space Station Task Team.

Mr. Dannenberg is Vice Chairman of the Alabama Chapter of the American Institute of Aeronautics and Astronautics (AIAA); Chairman of the Huntsville Chapter of the International Association of Educators for World Peace (IAEWP) as well as State Chancellor. He is also a member of the American Astronautical Society (AAS) and the Hermann Oberth Society of Germany.

The Marshall Space Flight Center is the largest field center of the National Aeronautics and Space Administration. Its current projects include the Saturn launch vehicles, the Lunar Roving Vehicle for riding on the Moon's surface, and the Skylab Program. The Center is also deeply involved in research and early design work on the booster for a reusable space transportation system (or space shuttle), Research and Applications Modules (RAM), and CVT. Other areas of research include an unmanned satellite project called High Energy Astronomy Observatory, environmental application, manufacturing in space, and the space tug.

Concept Verification Testing (CVT) represents a new management approach which will be applied to payload carriers (RAMs, tugs, Sortie Labs, etc.) to be transported by the space shuttle into earth orbit. It calls for testing of early prototype equipment in support of concept definition. Final design of

MORE

experiment packages and payload carriers is substantiated prior to hardware commitment by actual test results. Accordingly, space operations are optimized in regard to integrated system performance, to include the role of man in the use of these system elements for efficient operations.

Mr. Dannenberg was born in Weissenfels, Saale, Germany, 1912, and came to the United States in 1945 when some 120 German-born scientists working at Germany's research and development center for rockets and missiles at Peenemuende joined the Army Ordnance team in America.

Mr. Dannenberg helped to develop the Redstone and Jupiter missile systems. He was the Jupiter project director from March 1958 until July, 1960 when he was with the Army Ballistic Missile Agency at Redstone Arsenal, Alabama.

His initial assignment with the Marshall Space Flight Center was as Deputy Manager of the Saturn Program, in which capacity he participated in the conceptional development of the Saturn family of space boosters. For these activities he received the NASA Exceptional Service medal.

Mr. Dannenberg gained his Master of Science degree in mechanical engineering from the Technical University in Hannover, Germany, in 1937. He is married and his son, a graduate of Auburn University, Auburn, Alabama, is studying for his doctorate in electronic engineering at Southern Methodist University, Dallas, Texas.

###