

## BIOGRAPHICAL SKETCH

Lowell K. Zoller, retired March 1995  
Associate Director, Science & Engineering Directorate  
Marshall Space Flight Center  
Huntsville, Alabama 35812

Lowell K. Zoller is associate director, Science and Engineering Directorate at the Marshall Space Flight Center in Huntsville, Alabama.

Zoller was born in Fort Wayne, Ind., in 1936. He graduated from South Side High School in 1954. He earned a Bachelor's Degree in chemistry and physics in 1957 from Purdue University and pursued graduate studies in nuclear physics at the University of Minnesota in Minneapolis.

From 1957 to 1961, Zoller worked as a nuclear physicist with the Aircraft Propulsion Division of the General Electric Company in Evendale, Ohio, where he supervised nuclear shield analysis, test, and design efforts for the nuclear aircraft engine.

Zoller joined the Marshall Center in 1961 as a project engineer in the Engineering Materials Branch of the former Propulsion and Vehicle Engineering Laboratory and has held a variety of key supervisory and technical management positions. After serving as Chief of the Projects Office in the Materials Division, he was transferred to the Center's Program Development Directorate, directing the Program Control Group for advanced space systems.

After serving as Manager of the Research and Applications Modules Project in the same directorate, he was named Deputy Manager of the External Tank Project in the Center's Space Shuttle Projects Office. Afterwards, he was assigned as Special Assistant to the Center Director, Manager of the Center's Special Projects Office, and in August 1976, Senior Management Advisor to the European Space Agency in support of the Spacelab Program, with his duty station being the ERNO Spacelab contractor plant in Bremen, West Germany, where he also served as Chief of the NASA Resident Office. He was appointed Manager of the Materials Processing in Space Projects Office in October 1978. In 1982, he was appointed Manager of the Systems Management Office of the Shuttle Projects Office, and in June 1989, was assigned responsibility for definition and implementation of the Advanced Solid Rocket Motor and the associated production and test facilities. In 1990, he was assigned as Assistant to the Director, Institutional and Program Support to conduct an in-depth assessment of the Center's acquisition system. In 1991, he became manager of the Acquisition and Business Management for the Heavy Lift Launch Vehicle Definition Office.

Among Zoller's awards is the NASA Medal for Outstanding Leadership in 1989. He was a licensed lay pastor and held a number of elected offices in the North Alabama Conference of the United Methodist Church. He has been active in charitable organizations and was cited for Outstanding Volunteer Service.

Zoller lives in Huntsville, Ala., and has four children, George, David, Laura, and Cynthia, and four grandchildren.

The Marshall Space Flight Center has a leading role in the nation's space program. During the sixties and early seventies, the Center was best known for developing the Saturn rockets and lunar roving vehicles for the Apollo program, and for Skylab, America's first space station. Marshall-developed satellites such as the Hubble Space Telescope have returned a wealth of information in astronomy, astrophysics, and other scientific disciplines.

Currently, the Marshall Center is responsible for a wide variety of NASA projects, ranging from production of propulsion elements for the Space Shuttle to management of Spacelab science research missions and other Space Shuttle payloads. Marshall is NASA's Center of Excellence for Propulsion, and it provides NASA with a wealth of technical expertise in the design of space hardware. The Center's research laboratories and test facilities are among the finest in the world.

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