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Resume of Gerald H. Lindsey, 1965

Lindsey, Gerald H.

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RESUMÉ OF GERALD H. LINDSEY

Gerald (Jerry) Lindsey was born in Marshall, Missouri on August 3, 1934. His elementary and secondary education were taken in that community, after which he pursued college work in engineering at the University of Missouri at Columbia and at Brigham Young University. He graduated with honors from BYU in 1960, receiving the five year professional degree of Bachelor of Engineering Science in Mechanical Engineering. He pursued graduate work at Brigham Young and received a Master of Science Degree in Mechanical Engineering in 1962. During this time he taught undergraduate engineering laboratories and freshman courses in mathematics. In 1961, prior to final completion of the Master's Thesis, he began work on a doctorate in Aeronautical Engineering at the California Institute of Technology. His thesis research dealt with three dimensional fracture studies of rocket propellant types of materials. The work was completed in December 1965, and the degree was granted in June 1966.



In October 1965, he joined the faculty of the Naval Postgraduate School in the Department of Aeronautics, where he currently holds the rank of Professor. He teaches courses in aircraft and missile design, structural analysis and solid mechanics. His research interests are in the area of solid mechanics with emphasis on fatigue and fracture mechanics. He has published reports and papers on fracture analysis and mechanical behavior of propellants used in tactical and strategic missiles, also in aircraft fatigue and life prediction. Through his research has come the development of an aircraft fatigue monitoring instrument, which has been adopted by NAVAIR for use on the F-14.

He is a member of JANNAF (Joint Army, Navy, NASA, Air Force) Mechanical Behavior Working Group for Solid Propellants. He is a member of AIAA (American Institute of Aeronautics and Astronautics) and has served as the Chairman and Vice Chairman of the Point Lobos Section.