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Resume of Gerald H. Lindsey, 1991-03

Lindsey, Gerald H.

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RESUME OF GERALD H. LINDSEY

Gerald (Jerry) Lindsey was born 3 August 1934 in Marshall, MO. He pursued a Bachelor's Degree in Mechanical Engineering at the Univ of MO and Brigham Young Univ., where he received a five year professional degree with honors in 1960 and a Master of Science Degree in Mechanical Engineering in 1962. Switching to Aeronautical Engr., for further graduate work, he studied at The CA Inst. of Tech., receiving a Ph.D. Degree in 1966.

Dr. Lindsey joined the faculty of the Aeronautics and Astronautics Dept., in the fall of 1965, where he currently holds the rank of Professor. He teaches, or has taught, courses in the areas of aircraft structures, dynamics, solid mechanics, fracture and fatigue, continuum mechanics, and aircraft, missile and structural design.



His research interests first focused on stress and fracture analysis techniques of solid propellant materials found in tactical and strategic missiles, and he served as an active technical consultant to Chemical Systems Division of United Technologies Corp., for eight years on structural integrity problems of large boosters, such as TRIDENT. He then turned to research work on aircraft fatigue lift prediction, tracking and monitoring, which he conducted under NAVAIR sponsorship for eight years. Through his research, a revamped and improved Navy system for fatigue monitoring of aircraft was developed and introduced beginning with the FA-18. This system was based upon prototype devices and methodology developed at NPS in conjunction with thesis students.

Prof. Lindsey served as Dean of Academic Admin., for seven years from 1982 - 89, during which time he had responsibility for the Library, Computer Center, Registrar, Scheduling, Admissions, Continuing Education, Mgmt Infor., Systems, Academic Services, and the Academic Council. He also served as the Academic Liaison Officer to the Western Assoc., of Schools and Colleges (WASC) during the time of review of NPS accreditation in 1990, and he headed the Institution's Self Study Project and authored the report in preparation for that review.

He is currently serving as Assoc., Dept., Chairman for Instruction, as Academic Assoc., for the 610 and 611 Curricula, and as Assoc. Dean of Engr., for external engineering affairs. He serves on the NPS Gift Committee as the faculty representative and on the Wilkinson Fellowship Award Committee. He is a member of the Space Systems Academic Group and serves as Academic Advisor to the Test Pilot School Selection Board.

Prof. Lindsey has been a member of Sigma Xi and AIAA and has served as a member of the JANNAF Mechanical Behavior Working Grp for Solid Propellants and as Chairman and Vice Chairman of the Point Lobos Section of AIAA. He is currently serving as the School's point of contact for ABET and ASEE.