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Shreeve, Raymond Parmous

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RESUME OF RAYMOND PARMOUS SHREEVE

Raymond P. Shreeve was born in GT Yarmouth, England, on 21 October 1935. After serving for two years in the Royal Air Force he attended Imperial College London as a State Scholar and received the degree of Bachelor of Science in June 1958.

Awarded a Fulbright Travel Grant and Legendre Fellowship, he went to Princeton University where he received a Master of Science in Engineering degree in June 1961. At Princeton he worked under the direction of Professor S. M. Bogdonoff, building and calibrating the first continuous hypersonic nitrogen wind tunnel.

Joining the staff of the Boeing Scientific Research Laboratories in Seattle, Washington, in 1962, he supervised the construction of a facility for supersonic combustion and hypersonic flow research. He subsequently collaborated in an investigation of shock-induced combustion of hydrogen, and independently investigated gaseous injection into hypersonic flow. Enrolled concurrently as a part-time student in the Aeronautics and Astronautics Department of the University of Washington, he was awarded the degree of Doctor of Philosophy in August 1970.

He became an American citizen in January 1969.

As a Senior Basic Research Scientist with the Boeing Company, he contributed to several development programs, including the S.S.T. intake and the SRAM thermal protection system. He was also involved in an experimental program related to the development of ejector-suppressor silencers for jet transports.

In August 1971 he joined the faculty of the Naval Postgraduate School, Monterey, California as a Visiting Associate Professor to work with Distinguished Professor M. H. Vavra in the field of turbopropulsion. He held the Naval Air Systems Command Visiting Research Chair in propulsion from 1972 to 75, and in January 1978 was appointed to the newly created position of Director, Turbopropulsion Laboratory. In this position he is responsible for planning and executing funded programs of experimental research involving faculty, students and visiting scientists and engineers from the U.S. and abroad. He also teaches Aerothermodynamics and Design of Turbomachinery and laboratory project courses in the Department of Aeronautics.

He is a member of the American Institute of Aeronautics and Astronautics, the American Society of Mechanical Engineers and Sigma Xi.

