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Resume of Conrad Floyde Newberry, 1990-05

Newberry, Conrad Floyde

Monterey, California: Naval Postgraduate School

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RESUME OF CONRAD FLOYDE NEWBERRY

Conrad F. Newberry was born in Neodesha, Kansas on November 10, 1931. He attended Independence (Kansas) Junior College and completed his undergraduate studies at the University of Southern California where he received his BEME (Aeronautical Sequence) degree in 1957. He completed graduate studies in fluid dynamics and in education at California State University, Los Angeles, receiving his MSME in 1971 and his MAEd in 1974. He completed his doctoral studies at the University of California, Los Angeles (UCLA) under the direction of Drs. James G. Edinger and Richard L. Perrine. His internship was completed with the Source Receptor Analysis Branch of the U.S. Environmental Protection Agency where he performed air pollution control modeling studies. He received his Doctor of Environmental Science and Engineering (D.Env.) degree from UCLA in 1985.



From October 1951 until July of 1964 he held the sequential positions of Mathematician, Junior Engineer, Engineer and Senior Engineer-Aerodynamics with the Los Angeles division of North American Aviation.

In September of 1964 he was appointed Assistant Professor of Aerospace Engineering at California State Polytechnic University, Pomona (CSPUP). He was promoted to Associate Professor of Aerospace Engineering in 1970 and to Professor of Aerospace Engineering in 1975, serving in that capacity until 1990. During his tenure at CSPUP, he developed undergraduate and/or graduate courses in systems engineering, thermodynamics, mechanics, heat transfer, fluid dynamics, gas dynamics, numerical analysis, hydronautics, aerodynamic heating, computational fluid dynamics, aircraft design, spacecraft design and engine design.

He joined the Naval Postgraduate School in 1990 as Professor of Aeronautics and Astronautics. His research interests are primarily in aerospace vehicle design. He is a Fellow of the American Institute of Aeronautics and Astronautics (AIAA).

In 1986-87 he was the recipient of the Joint ASEE/AIAA John Leland Atwood Outstanding Educator Award.