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## Resume of Robert Diefendorf Zucker, 1970

Zucker, Robert Diefendorf

Monterey, California: Naval Postgraduate School

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## RESUME OF ROBERT DIEFENDORF ZUCKER

Robert Zucker was born in Mt. Vernon, New York on 5 September 1925. He completed his undergraduate studies at the Massachusetts Institute of Technology, receiving the B. S. in Mechanical Engineering in 1946. Upon graduation, he was commissioned as an officer in the USNR and served at sea as Executive Officer aboard the USS PGM 29 until June 1947.

From 1947 until 1955 he was employed as a Design Engineer in the Research Department of American Radiator and Standard Sanitary Corporation. His duties involved the design and development of domestic heating equipment.



Graduate study was undertaken during the evenings at the University of Louisville, where he received the Master of Mechanical Engineering in June 1958. From September 1955 he was employed as an Assistant Professor of Mechanical Engineering, and in July 1960 was promoted to Associate Professor, at the University of Louisville. He taught undergraduate and graduate courses in the thermodynamics, fluid dynamics, gas dynamics, propulsion systems, and related areas.

In September 1962 he enrolled as a National Science Foundation Faculty Fellow at the University of Arizona to complete the requirements for the Doctor of Philosophy. His research was under the direction of Dr. M. R. Bottaccini in the area of theoretical hydrodynamics (unsteady finite - span hydrofoil motion). His Ph. D. was awarded in 1966.

In October 1965 he joined the faculty of the Naval Postgraduate School, Monterey, California, where he is teaching in the Department of Aeronautics. He became Academic Associate for the Aeronautical Engineering Programs in 1970. Current research activities are in the area of educational technology.

He is a registered professional engineer, and a member of Sigma Xi, the American Institute of Aeronautics and Astronautics, and the American Society of Engineering Education. He is active on various boards of ASEE at both the section and national level.

PUBLICATIONS OF R. D. ZUCKER

OPEN LITERATURE

Books; published papers, notes, letters.

1. Interpretation of the Singularities in Lamé Products  
of the Second Kind P  
SIAM J. Appl. Math., 16, 882-887 (1968)
2. Lagally's Theorem and the Lifting Body Problem P  
J. Ship Res., 14, 135-140 (1970)