1973

Resume of Robert Ward Burton, 1973

Burton, Robert Ward

Monterey, California: Naval Postgraduate School

RESUME OF ROBERT WARD BURTON

Robert W. Burton was born on 15 April 1933 in Lawrence, Massachusetts. He graduated with distinction from the Naval Academy in June 1955 and was commissioned in the United States Air Force.

From 1955 to 1957 he served as a project officer for Aerial Targets at the Air Force Armament Center, Eglin AFB, Florida.

In 1958, under Air Force sponsorship, he entered graduate school at the Massachusetts Institute of Technology and received Masters and Engineers degrees in Electrical Engineering in June 1960. After serving on the faculty of the Air Force Academy for one year, he returned under Air Force sponsorship to graduate school at Harvard University where he received a Ph. D. in Applied Physics in January 1964.

During the next two and a half years, he served as an Assistant and Associate Professor of Electrical Engineering at the Air Force Academy. During the academic year 1966-67 he served as Staff Member in the Office of the Secretary of Defense (Systems Analysis). He returned to the Air Force Academy as Director of Faculty Research in August 1967. He was appointed Deputy Department Head for Electrical Engineering in August 1971, and Professor in January 1972.

In September 1973 he joined the faculty of the Naval Postgraduate School, Monterey, California, where he is teaching in the Department of Electrical Engineering. His research centers on experimental investigations of antennas with particular emphasis on electromagnetic pulse effects, and command and control systems.

During the past seven years he has served as a member of various Task Forces of the Defense Science Board of the Office of the Secretary of Defense. In the summer of 1970, he was awarded a NASA-ASEE Fellowship at Stanford University, and during the summers of 1971-75 he was a Research Fellow in Applied Physics at Harvard University.

He is a Senior Member of the Institute of Electrical and Electronics Engineers, and a Member of the Society of Sigma Xi.

PUBLICATIONS OF R. W. BURTON

OPEN LITERATURE
Books; published papers, notes, letters

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2. A Theoretical and Experimental Investigation of the Hula-hoop Antenna — P
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