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Resume of Walter Max Woods, 1969

Woods, Walter Max

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RESUME OF WALTER MAX WOODS

W. Max Woods was born in
Lebanon, Nebraska, on 4 September 1928. He received the Bachelor of Science degree from Kansas
State Teachers College at Emporia,
Kansas, in 1951 and immediately
initiated a four-year program of
secondary school teaching. He
received the Master of Science degree in mathematics from the University of Oregon in 1957, and the
Doctor of Philosophy degree in
mathematical statistics from Stanford University in 1961.

From 1960-62 he supervised statistical projects for industrial and governmental clients
of CEIR and authored numerous technical reports in the area of
reliability and quality assurance for the Fleet Ballistic Missile
Weapons System Program. He has remained active on this program to the present time.

In March 1962 he joined the faculty of the Naval Postgraduate School, Monterey, California, where he taught in the Department of Mathematics, and the Department of Operations
Analysis, developed courses in reliability, systems effectiveness measurement, sampling inspection, and quality control.

On 1 July 1972 he was appointed Chairman of the Mathematics Department. On 15 June 1974 he was appointed Executive Director, Office of Continuing Education, and Dean of
Educational Development.

His current research interests are in the areas of instructional technology, reliability, and engineering statistics. He has
published articles in sampling inspection, stochastic branching
processes, measurement error analysis, and reliability.

He is a member of the Institute of Mathematical Statistics,
American Statistical Association, Operations Research Society
of America, American Society of Engineering Education, and
Sigma Xi.

OPEN LITERATURE
Books; published papers, notes, letters.

1. Age-Dependent Branching Stochastic Processes in
    Cascade Theory   P
            with A. T. Bharucha-Reid
            Nuovo cimento, 10, 569-578 (1958)

2. Cumulative Effect of Calibration Errors   P
            with P. W. Zehna
            Industrial Quality Control, 22, 411-412 (1966)

3. Basic Probability Concepts, a Text to Supplement the
    Correspondence Course in Operations Analysis, Unit I   T
            U. S. Naval Postgraduate School   (1968)

4. Dependability Models and Their Role in System Effective-
    ness Quantification
            Trans. ASQC/Cal Poly Quality Control Conference,
            January, 1969.   IP