

Lecture

i n v i t a t i o n



THE George W. Woodruff School OF
MECHANICAL ENGINEERING
Annual Distinguished Lecture



"Yes, But Will It Work in Theory?"

Norman R. Augustine, President and Chief Executive Officer
Lockheed Martin Corporation

MAY 8, 1996 3:30 P.M.
Van Leer (EE) Auditorium, Georgia Institute of Technology

A modern engineering education represents a commitment on the order of \$100,000 and even at that is one of the most highly leveraged investments one can make. The knowledge proffered as one pursues an engineering parchment spans from calculus to circuit analysis, from physics to turbomachinery design, and, hopefully, from history to economics.

But not taught in most engineering curricula is the stuff not of elegance and theory but rather the stuff of hardship and scar tissue: the hard-earned lessons of engineering — which, in the case of the lecturer, were derived from a career of trying to defy the Law of Gravity. The cost of tuition of this latter education runs about \$10 billion. The purpose of this Woodruff Lecture is to save those student-engineers in attendance at least this sum of money.

LOCKHEED MARTIN



Norman R. AUGUSTINE

Norman R. Augustine is President and Chief Executive Officer of Lockheed Martin Corporation. Mr. Augustine assumed his current position on January 1, 1996. He previously served as President of the Corporation, a position he assumed upon the merger of Lockheed and Martin Marietta in March 1995. Before the merger, Mr. Augustine served as Chairman and Chief Executive Officer of Martin Marietta Corporation from 1988-95.

He received a bachelor's degree in aeronautical engineering (magna cum laude) in 1957 and a master's degree in 1959, both from Princeton University. He was elected to Phi Beta Kappa, Tau Beta Pi and Sigma Xi.

Mr. Augustine served as Chairman of the Advisory Committee on the Future of the U.S. Space program organized by NASA and the National Space Council. He also chaired the Research and Development Plan Review Panel for the Federal Aviation Administration's Research, Engineering and Development Advisory Committee. He is a past chairman of the NASA Space Systems and Technology Advisory Committee and past chairman of the Defense Science Board. He is chairman of the Aerospace Industries Association Board of Governors. He is also chairman of the Council of Trustees of the Association of the U.S. Army and chairman of the Board of Governors of the American Red Cross and President of the Boy Scouts of America.

Mr. Augustine is an Honorary Fellow and Past President of the American Institute of Aeronautics and Astronautics, a Fellow of the American Astronautical Society, and Honorary Fellow of the Society for Technical Communication, a Senior Member of the International Academy of Astronautics, chairman of the National Academy of Engineering, a Fellow of the Institute of Electrical and Electronic Engineers. He has been a trustee of Princeton University and is currently serving as a trustee of The Johns Hopkins University.

Mr. Augustine has four times received the Department of Defense's highest civilian award, the Distinguished Service Medal, and has also received the James Forrestal Memorial Award of the National Security Industrial Association, the Defense Meritorious Service Medal, the Army Distinguished Service Medal, and the Air Force Exceptional Service Medal. He is a recipient of the American Astronautical Society's Military Astronautics Trophy, the American Defense Preparedness Association's Knowles Award and John C. Jones Award, the Society of Manufacturing Engineers' Gold Medal, the National Contract Management Association's Roback Award, the Armed Forces Communications and Electronics Association Samoff Award, the National Space Club's Robert H. Goddard Memorial Trophy, the National Academy of Engineers' Bueche award, the Princeton University James Madison Medal and the American Academy of Achievement Gold Plate award. He holds nine honorary doctorate degrees and has authored or co-authored two books.

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