



OFFICE OF THE PRESIDENT

June 20, 1957

To Members of the Faculty:

I am happy to announce the appointment of Dr. Howard W. Emmons as Jerome Clarke Hunsaker Professor of Aeronautical Engineering, and Dr. Arthur R. Kantrowitz as Visiting Institute Professor and Fellow of the School for Advanced Studies for the 1957-1958 academic year. Both are distinguished scientists and leading authorities in the field of gas dynamics.

Dr. Emmons is Gordon McKay Professor of mechanical engineering at Harvard, a member of the National Advisory Committee for Aeronautics, and a military consultant on supersonic aerodynamics. He has worked extensively on problems involving the interaction of chemistry, heat transfer, and fluid mechanics in jet engine and rocket motor combustion chambers and in flow at very high speeds. As Hunsaker Professor at M.I.T. he will teach and continue his combustion studies and related research.

Dr. Emmons received his M.E. and M.S. at Stevens Institute of Technology and his Sc.D. at Harvard, where he has been on the faculty since 1940. A former Guggenheim and Fulbright Fellow at Cambridge University, he is author of "Gas Dynamics Tables for Air" and collaborating editor of the "Quarterly of Applied Mathematics."

Dr. Kantrowitz is director of the Avco Research Laboratory and vice-president and director of the Avco Manufacturing Company. Formerly an NACA physicist and a professor of aeronautical engineering at Cornell, he has worked for many years on problems involving the relationship of molecular and atomic physics to the dynamics of gases. At M.I.T. he will develop educational and research work in the combined field of fluid mechanics, high-temperature gas physics, gas dynamics, and electromagnetism.

Awarded his B.S., M.A., and Ph.D. by Columbia University, Dr. Kantrowitz was a Fulbright and Guggenheim Fellow at Cambridge and Manchester. In addition to his work in the field of gas dynamics, he directed the NACA's earliest research in supersonic aerodynamics and in 1955 organized the Avco Research Laboratory.

J.R. Killian, Jr.
President

SRK
Emmons
Kantrowitz
wife