

## PREFACE

The 1961 Air Force/Aerospace Corporation Symposium on Ballistic Missile and Aerospace Technology was held at the University of Southern California, Los Angeles, on August 29-31. This was the sixth in a series of annual symposiums; the first three were primarily concerned with ballistic missile technology, but in 1959 the scope was enlarged to emphasize the work being done in the field of space technology. The objective has been to provide a means for the exchange of technical information and ideas among aerospace engineers and scientists.

The program included invited introductory, keynote, and luncheon addresses, in addition to 130 technical papers, both classified and unclassified. Final selection from the large number of papers submitted was made by the Program Committee after a detailed review by many members of the technical staffs of the Aerospace Corporation and the Air Force Systems Command. The members of the Program Committee were:

R. A. Becker	C. T. Morrow
Maj. V. J. Bracha	Lt. Col. C. N. Nelson
L. D. Ely (Chairman)	T. R. Parkin
J. G. Logan	C. J. Wang
D. Willens	

The Proceedings contain the unclassified papers, organized into four volumes, as follows:

Vol. I	Invited Addresses, Design and Reliability
Vol. II	Ballistic Missile and Space Electronics
Vol. III	Propulsion, Space Science and Space Exploration
Vol. IV	Re-entry

The Transactions contain primarily the classified papers, also organized into four volumes. These are available to appropriately cleared organizations that have a justified need to know upon request to Hq, Office of the Deputy Commander AFSC for Aerospace Systems (DCLMT), Air Force Unit Post Office, Los Angeles 45, California.

Aerospace Corporation  
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C. T. Morrow  
L. D. Ely  
M. R. Smith