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Annual Meeting Papers

Symposium on

**NEWER STRUCTURAL
MATERIALS FOR AEROSPACE
VEHICLES**



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SYMPOSIUM ON NEWER STRUCTURAL MATERIALS FOR AEROSPACE VEHICLES

Presented at the
Sixty-seventh Annual Meeting
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FOREWORD

The papers in the Symposium on Newer Structural Materials for Aerospace Vehicles were presented on June 21, 1964, during the Sixty-seventh Annual Meeting of the Society held at Chicago, Ill. The symposium was sponsored by the Panel on Structural Materials for Airframes and Missiles of the ASTM-ASME Joint Committee on Effect of Temperature on the Properties of Metals with R. B. Clapper, National Aeronautics and Space Administration serving as Chairman of the Symposium Committee. Two sessions were devoted to the presentation of the symposium papers, the first one being presided over by R. B. Clapper, the second by E. C. Bennett, of the California Institute of Technology.

NOTE—The Society is not responsible, as a body, for the statements
and opinions advanced in this publication.

CONTENTS

	PAGE
Introduction—R. B. Clapper.....	1
New Ductile Beryllium-Aluminum Wrought Alloys—R. W. Fenn, Jr., D. D. Crooks, and R. C. Pasternak.....	3
Fused Silica as an Aerospace Material—R. L. Hallse and J. H. Rizley.....	15
Testing 1-mil Molybdenum-Faced Foil Sandwich up to 1800 F—A. R. Hunter, Jr.. Discussion.....	25 35
An Approach to Scale Up of an Intermetallic Composite Material for Structural Ap- plications—F. M. Anthony.....	36
Materials Needs for Energy Absorption in Space-Vehicle Landings—R. W. Warner and D. R. Marble.....	55
Non-Metallic Materials for High-Temperature Structural Applications—E. G. Ken- dall and J. D. McClelland.....	71
Thermal-Structural Composites for Aerospace Applications—R. M. Beasley and R. B. Clapper.....	91
Extrusion of Beryllium Structural Shapes—J. M. Siergiej.....	106

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THIS PUBLICATION is one of many issued by the American Society for Testing and Materials in connection with its work of promoting knowledge of the properties of materials and developing standard specifications and tests for materials. Much of the data result from the voluntary contributions of many of the country's leading technical authorities from industry, scientific agencies, and government.

Over the years the Society has published many technical symposiums, reports, and special books. These may consist of a series of technical papers, reports by the ASTM technical committees, or compilations of data developed in special Society groups with many organizations cooperating. A list of ASTM publications and information on the work of the Society will be furnished on request.

