

## Interior Ballistics of Guns

*Herman Krier and  
Martin Summerfield, editors*

Provides systematic coverage of the progress in interior ballistics over the past three decades. Three new factors have recently entered ballistic theory from a stream of science not directly related to interior ballistics. The newer theoretical methods of interior ballistics are due to the detailed treatment of the combustion phase of the ballistic cycle, including the details of localized ignition and flame spreading; the formulation of the dynamical fluid-flow equations in two-phase flow form with appropriate relations for the interactions of the two phases; and the use of advanced computers to solve the partial differential equations describing the nonsteady two-phase burning fluid-flow system.

To Order, Write, Phone, or FAX:

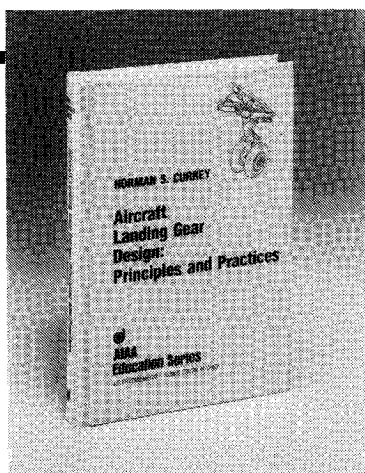
**AIAA** Order Department

American Institute of Aeronautics and Astronautics  
370 L'Enfant Promenade, S.W. ■ Washington, DC 20024-2518  
Phone: (202) 646-7444 ■ FAX: (202) 646-7508

1979 385 pp., illus. Hardback  
ISBN 0-915928-32-9  
AIAA Members \$49.95  
Nonmembers \$79.95  
Order Number: V-66

Postage and handling \$4.50. Sales tax: CA residents add 7%, DC residents add 6%. Orders under \$50 must be prepaid. Foreign orders must be prepaid. Please allow 4-6 weeks for delivery. Prices are subject to change without notice.

945



## Aircraft Landing Gear Design: Principles and Practices

*by Norman S. Currey*

The only book available today that covers military and commercial aircraft landing gear design. It is a comprehensive text that leads the reader from the initial concepts of landing gear design right through to final detail design. The text is backed up by calculations, specifications, references, working examples, and nearly 300 illustrations!

This book will serve both students and engineers. It provides a vital link in landing gear design technology from historical practices to modern design trends. In addition, it considers the necessary airfield interface with landing gear design.

To Order, Write, Phone, or FAX:

**AIAA** Order Department

American Institute of Aeronautics and Astronautics  
370 L'Enfant Promenade, S.W. ■ Washington, DC 20024-2518  
Phone: (202) 646-7444 ■ FAX: (202) 646-7508

AIAA Education Series      AIAA Members \$39.95  
1988 373pp. Hardback      Nonmembers \$49.95  
ISBN 0-930403-41-X      Order Number: 41-X

Postage and handling \$4.50. Sales tax: CA residents 7%, DC residents 6%. Orders under \$50 must be prepaid. Foreign orders must be prepaid. Please allow 4-6 weeks for delivery. Prices are subject to change without notice.

945