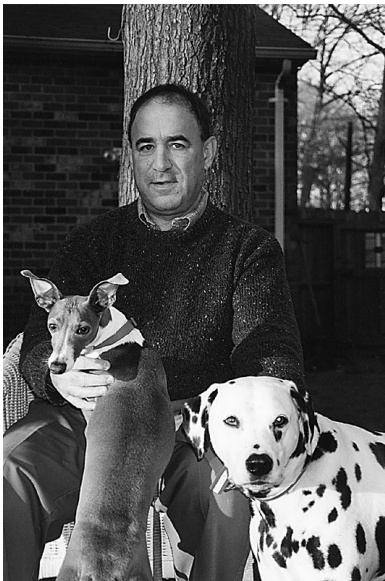


Journal Support

AS Editor-in-Chief, I would like to acknowledge all of the important contributors to this journal and thank them. The contributors are all of the authors, reviewers, Associate Editors, AIAA editorial staff, and TechBooks staff who have been associated with the *Journal of Spacecraft and Rockets (JSR)*. The *JSR* has a diverse scope with application-oriented articles, and I hope that the technical community continues to find the papers of interest. I need to thank the authors who have chosen the *JSR* as the means to disseminate their research to the technical aerospace community. I hope that they felt that the peer review process was professional and constructive. The peer review process and the high quality of the AIAA journals would not exist if it were not for the reviewers who voluntarily give of their time and provide in-depth reviews. Although it is only a small token of appreciation, their names are listed in this issue. Hopefully we have successfully included all of them. I do, however, thank all who gave their time. The Associate Editors provide the cornerstone of this peer review process. They have the responsibility for the technical evaluation of the proposed papers and for maintaining the high quality in the published version. Their

biographies are also included in this issue. We are fortunate to have new commitments from John Korte, Stan Bouslog, and Lee Peterson to serve as Associate Editors. Earlier in the year, Roger Kimmel and Peter Huseman accepted *JSR* Associate Editor positions. I want to thank three retiring *JSR* Associate Editors, Mark Lake, Basil Hassan, and Walt Williamson. If anyone has ever had the responsibility of an Associate Editor position, a simple thank you probably seems insufficient. It is very difficult trying to balance your real job with one where you are attempting to contribute to your profession. Finally, we arrive at the AIAA editorial staff and the TechBooks staff. I want to thank Ms. Norma Brennan for her terrific help and just being a friend. Her ongoing assistance is invaluable. A big thanks to Amanda Maguire whose help is always greatly appreciated. Also, I want to thank Ms. Carol Neff and her TechBooks staff for their patience and outstanding effort in publishing the special issues and sections.

E. Vincent Zoby
Editor-in-Chief



E. VINCENT ZOBY is employed by NASA and has been at the Langley Research Center since 1962. He received a B.S.M.E. from Virginia Polytechnic Institute and State University and an M.S. in Thermal Engineering from Old Dominion University. Mr. Zoby has been responsible for developing and demonstrating the applicability of approximate codes that define the aeroheating environment about spacecraft at both Earth and planetary entry conditions. This work encompassed preliminary design and/or postflight heating calculations for the RAM C, Re-Entry F, and Space Shuttle vehicles, as well as the Pioneer Venus and Galileo probes. (At this point, it is usually noted that his dogs, Banks and Hokie, have not done a lick of work in their lives! Sad to say, Hokie—the Dalmatian—has passed away, but Hokie will always be my buddy.) Mr. Zoby has over 90 publications in the area of hypersonic aerothermodynamics to his credit, including studies for computing the equilibrium high-temperature properties of gas mixtures and for the heat shield performance of entry probes. He is Langley's Technical Team Leader for the aerothermodynamics tasks with Boeing on the X-37 program. He is also a contributor to the HYPER-X X43A Return To Flight effort. Mr. Zoby served on the AIAA Thermophysics Technical Committee and is a Fellow of the AIAA.

Associate Editors



STAN A. BOUSLOG received B.S. (1980) and M.S. (1982) degrees in Aerospace Engineering from the University of Texas at Austin. For five years he served as the lead aerodynamics/flight mechanics engineer at Tracor Aerospace developing airborne countermeasure devices for tactical aircraft. While at Tracor, Mr. Bouslog also helped to develop methods to predict the reentry survivability of ballistic missile countermeasure devices. In 1988, Mr. Bouslog joined Lockheed and for eight years provided aerothermodynamics support to the Aerosciences Branch at NASA Johnson Space Center (JSC) on the Space Shuttle and the International Space Station Programs. Support to the Space Shuttle Program has included analytical and experimental investigations into Orbiter flight anomalies such as early boundary-layer transition. Space Station support included the development of engineering methods to predict Orbiter plume impingement effects on the Space Station. In 1996, Mr. Bouslog joined Rohr, Inc., and served as the Aerothermal Manager for the X-33 thermal protection system development. After cancellation of X-33, Mr. Bouslog returned to Lockheed Martin and provided aerothermodynamics support to NASA JSC for the X-38 Project and for the Columbia accident investigation. Recently, Mr. Bouslog joined the Thermal Design Branch at NASA JSC and is supporting the Space Shuttle Return-to-Flight efforts. Mr. Bouslog is an Associate Fellow of the AIAA.