

## The Challenges of Success

**T**WENTY-TWO years ago, the *Journal of Spacecraft and Rockets* was founded (under the strong leadership of Gordon Dugger) as a home for those papers describing the significant application of new knowledge to the field of spacecraft and the uses of spacecraft. As a result of Dr. Dugger's leadership and of the efforts of those who have preceded me at the helm, JSR has continued to grow and prosper through the years. This success has led to the foundation of several journals which represent suitable avenues for specialists in some of the fields covered by the scope of JSR. As I mentioned last year, the inception of the *Journal of Propulsion and Power* affected at least one-third of the papers which had been appearing in JSR. The continued growth in other areas has, however, led to a comparable continued increase in the number of submissions to JSR in 1985, as other emerging technologies have found JSR a journal with the broad readership which would be keenly interested in developments in the many areas related to spacecraft and missile systems. It now appears that the strength of JSR will lead to the appearance of another significant portion of JSR's papers in another journal, the *Journal of Thermophysics and Heat Transfer*, tentatively scheduled to begin quarterly publication in 1987. The potential for such a journal has been demonstrated in several volumes in the *Progress in Astronautics and Aeronautics* series and by special sections in issues of JSR, as well as by a growing interest resulting from findings of the Space Shuttle.

To maintain the continued growth and success of JSR, the challenges posed by the founding of another journal must be met. In addition, the potential effect of the growing issue of technology transfer cannot be ignored. Papers in areas which have shown increased interest in the recent past must be actively sought. The acquisition of such papers will, hopefully, be achieved through the assistance of the Publications subcommittees on each of the Technical Committees. (My position on the Technical Activities Committee as Publications liaison will assist this process for JSR as well as the other journals of the AIAA.) Another strong source of papers is represented by the several Associate Editors, who are able to seek out prospective authors in their fields of expertise. This is a special reason for welcoming Mike Briggs to the masthead, since he is a member of the Missile Systems TC and was that committee's representative to the JSR Task Force. I look forward to working further with Mike, whose addition means that the job handled so ably for the past three years by Fred Bradley will now be performed by two persons, as Frank Redd continues his outstanding work of the past year in the area of Space Systems. Thanks are due to Fred for his service as the editor for Space and Missile Systems, especially since it meant donating a portion of his retirement time to JSR. Such dedica-

tion is exemplary. Other AE's continuing are Gene Menees (Thermophysics and Re-entry Dynamics), David Allen (Materials and Structures), and Al Vampola (Space Sciences). The first two have performed well in their initial year of service to JSR, while Al has continued his strong performance despite a heavy workload and a series of physical problems which has, hopefully, come to an end.

The continued health of JSR will also be ably maintained as a result of the agreement of both Clark Lewis and Jim Martin to serve additional terms as AE's. Their continued association has been a source of personal pleasure to me, as both have become personal friends as well as technical colleagues during their period of performance; I look forward to working additional years with Clark and Jim, and know that many authors will be pleased that they are continuing, because of their consistently excellent evaluations.

One other change in the masthead will not be as obvious to the authors as it will to me. That is the loss of Elaine Camhi as Managing Editor. Elaine has played a role in aiding me whose value cannot be overstated. She has provided sound advice, warmth, and a sense of humor, all of which are deeply appreciated. Luckily, AIAA members will continue to see the fruits of her labors in her new job as Managing Editor of *Aerospace America*. Fortunately, the names of Norma Brennan and Bob Inman will continue on the masthead. Bob has been promoted from JSR Senior Editor to Managing Editor of all the Institute's journals. His professionalism has been a great help to me in the many aspects of assembling and publishing issues of a technical journal, and a strong working relationship has been established which will hopefully both continue and expand in his new role. As usual, it is impossible to find words to express my appreciation for Norma's role. Her personality, her continuing support, and her knowledge of the field are all integral to the effectiveness of JSR and my job as Editor-in-Chief. I extend thanks also to AIAA staffers Faith Florer, Felipa Santiago, and Mary Blanchard for their contribution of indispensable professional skills.

As in the past, I express my appreciation to those who have felt that JSR was the format in which to share the fruits of their technical efforts and I trust that they and other authors will continue to do so in the future. Finally, my thanks, those of the Associate Editors, and those of the authors must go to those whose anonymous services are vital to a successful journal, the reviewers, many of whom played a very significant role in producing final published articles. Listing their names on the next page is an attempt to recognize their contributions.

R.H. Woodward Waesche  
Editor-in-Chief