

Progress

DURING the past year, the *AIAA Journal* has had a phenomenal resurgence, with an increase of about 25% in papers being submitted, the majority of which originate from the AIAA technical meetings. The result is that it now takes about six months from acceptance to publication. Because of the backlog, the number of pages scheduled for 1983 has been increased, and, in addition, the editorial board has been increased in size by 50%, both to decrease the backlog and to speed the acceptance procedure. Some of the technical areas of increased interest are: transonics, computational fluid dynamics, composite materials, structural optimization, combustor technology, and flow in gas lasers. With the increased number of pages, there is a proportional increase in member subscription rates, from \$14.50 to \$17.00 per year.

The debate concerning the review process has abated considerably. In previous years there had been an examination of the advantage of the improvements achieved by the review process versus the disadvantage of a longer delay to publication. The advocates of abolishing or at least modifying the review process have argued that AIAA authors are generally technically responsible, and it is more important to achieve speedy dissemination of technical data. But the scientific and technical community in fact relies heavily on the review process; for example, most contract final reports are reviewed prior to distribution. The experience at the *AIAA Journal* is that the suggestions to authors are of two main categories: those which improve the clarity of presentation of the technical material, and those which relate to clarifying the technical material itself so that the results can be used directly by others, minimizing the post-publication correspondence with authors to obtain some of the more important conditions or cases omitted from the paper by oversight. The review process is part of the technical process itself, and the *AIAA Journal* will continue to rely heavily on the invaluable advice and suggestions from the reviewers, who give their time gratis. The names of our reviewers for 1982 appear at the end of this editorial.

This year we have also initiated a new procedure for submission and technical editing of papers by the Associate Editors. Manuscripts for the *AIAA Journal* are to be submitted directly to me, and I will maintain the record of all pending papers while sending them on to the Associate Editors, who will have them reviewed as in the past. However, when the reviews are returned, the Associate Editor will prepare the disposition letter to the author and send it to the author either directly or through my office. Revised manuscripts are to be mailed either to me or to the indicated Associate Editor. This change should speed up the acceptance procedure by, perhaps, as much as a month. Authors who desire to know the status of their papers prior to acceptance should contact me (by mail only); after acceptance, they may contact Ms. Elaine Camhi, our Managing Editor.

Keeping track of the status of all papers will impose an additional workload on the Editors-in-Chief. The *Journal of*

Guidance, Control, and Dynamics is initiating an experiment for maintaining a computer-based file to permit rapid desktop status reports as well as to track Associate Editor and reviewer workloads. If successful, an AIAA New Initiative may be appropriate, to maintain a central computer file at AIAA Headquarters with terminal access available to all Editors-in-Chief and Associate Editors. Another New Initiative is being considered in the area of computer composition (which is used by the AIAA). We hope to put papers whose text is on a floppy disk (from a word processor) directly into composition; then the equations would be entered manually from our keyboard to our computer composer, as is done now.

For the future, suggestions have been made that author-prepared composition be used, similar to AIAA preprints, as is done now for some papers in the *Journal of Geophysical Research*. If any of our readers have an opportunity to peruse the latest issues of *JGR*, I would appreciate their reaction to author-prepared typescripts. For the distant future, the question is whether entire papers can be put into the memory of a central computer, which can be accessed through terminals and read directly either on a CRT or on a hard-copy print. The technology for mathematical equations and figures is not quite ready yet for such a bold move, but in the meantime there may be room for a service not currently available, such as prose descriptions of research-in-progress. Again, I would appreciate your thoughts on these matters.

Finally, I am inaugurating a new service of book reviews between these covers, in response to an expressed need. Prof. Pasquale Sforza will be the Book Review Editor. Suggestions for books to be reviewed and potential reviewers will be cheerfully accepted.

Acknowledgments

On behalf of our readers, authors, and reviewers, many thanks are due to Mrs. Norma Brennan, Director of the Editorial Department; Ms. Elaine Camhi, Managing Editor; Ms. Mildred Daniels, our composer; Ms. Linda Laufer for keeping track for our papers and corresponding with authors; and Ms. Connie DiStefano for handling matters from my office.

Special appreciation is due to our retiring Associate Editors, Dr. Raphael Haftka, Dr. Julius Harris, Dean Richard Seebass, Prof. Pasquale Sforza, and Dr. Arthur Wennerstrom, who have insured that the papers printed have achieved the highest possible quality. Welcome also to our new Associate Editors, Dr. Fred Blottner, Prof. John F. Foss, Prof. Edward Greitzer, Dr. Terry Holst, Dr. Edward J. Kerschen, Dr. Narendra Khot, Prof. Robert W. McCormack, Prof. Gino Moretti, Dr. Himat "Bob" Tanna, and Jack Vinson. Finally, thanks to our authors and readers for keeping us on our toes.

George W. Sutton
Editor-in-Chief

Reviewers for the *AIAA Journal*—1982*

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|---------------------|-----------------------|---------------------------|----------------------|---------------------|
| Abarbanel, S. S. | Berman, A. | Caughey, D. | Deiwert, G. S. | Ghia, K. N. |
| Ackerberg, R. C. | Bernard, J. | Caulfield, H. J. | DeJarnette, F. R. | Ghia, U. |
| Adams, D. | Berndt, S. | Caveny, L. H. | DeLuisi, J. J. | Gibson, G. |
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| Beach, H. L., Jr. | Burt, D. A. | Cramer, M. | Flaggs, D. | Hehmann, H. W. |
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*Those who reviewed manuscripts late in the year will be listed in the January 1984 issue.

- Hockley, B. S.
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- Stallone, M. J.
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- Walsh, M. J.
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- Wilby, J.
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