

of the joint index and on specific improvements in the topic listings.

Page Charges

As you know, we encourage authors to submit the page charges to their respective institution for payment as a normal part of reporting the results of research. These page charges constitute about one-third the cost of publication and distribution. This is really quite a bargain; for the normal cost of printing a report with limited distribution, 10,000 copies of the *AIAA Journal* are distributed. Unfortunately, the present budget squeeze has motivated some agencies and institutions to "skip" these payments, which if continued will cause the present publications to be altered. One may make the argument that the employing institution does print and distribute research reports to all interested parties and that journal publication is unnecessary and duplicatory.

We take the position that this argument is spurious and in conflict with the democratic process. For example, the "interested parties" are often merely co-contractors from the same agency, and this tends to create a closed ecology in some particular discipline. Furthermore, more than one agency sometimes sponsors research or development in the same field. Are we to develop several different closed ecologies? Is their meeting only to be at the discretion of the agency heads? What about the independent researcher who is performing unsponsored work; is he to be excluded? What happens to the review process and dialogue? To whom does one address a technical comment? The above are just a few examples of some of the problems that such private circulation of technical knowledge can create. However, we take a stronger and more important position: the private circulation of technical knowledge gained from public sponsorship is an anathema to a democratic society. Technical knowledge achieved by public funds should be available to the general public and freely exchanged with other countries (except of course technical design data directly related to particular military systems), and not controlled by any particular channel of communication or bureaucracy. Our problem is that of increasing the rate of flow, timeliness, and availability of technical knowledge. The present format of four bound

journals may change in the future, but the basic concept of public publication of technical knowledge, never.

Journal Scope

We wish to touch, finally, on one of the most important topics under discussion within the AIAA; namely, where are we going? The AIAA is based primarily upon air and space transportation. Insofar as some activities are directly government-sponsored, we are also involved in mission-oriented systems analysis, geared primarily at cost-effectiveness. On the surface, this latter capability could be applied toward modern problems of education, urban renewal, pollution, health, etc., albeit to a more diffuse user. But one must not overlook the basic transportation aspects of the AIAA. Modern air transportation has given rise to a new mobility of the population whereby people may obtain education and jobs away from their roots and yet be only a few hours away from their old friends and family. This is important for all of our domestic problems; for example, new cities can be created, removing the pressures from the old. The other primary transportation problem is that of swiftly moving people, particularly those on lower wages, to and from their place of employment, which means mass surface transportation to some.

There is no doubt that the solution to the transportation and other domestic technical problems depends upon research and finding new answers, all of which will require publication as the means for transmitting this new knowledge. The Board of Directors therefore has agreed that new technical knowledge in fields other than the traditional may be published in the journals of the AIAA to act as a catalyst in the thinking of those technical people who believe that their profession is primarily directed at progress through technology.

Finally, I would like to extend on behalf of the AIAA the thanks and gratitude to our departing associate editors, C. K. Chu, Leonard A. Harris, Wilmot N. Hess, John E. Hove, and J. M. Sellen Jr.; and welcome our new associate editors, Paul S. Lykoudis, Daniel B. Olfe, and Charles H. Kruger.

George W. Sutton
Editor-in-Chief

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* Because it is difficult to include the reviewers for October, November, and December 1968 in this issue of the Journal, they will be listed with the reviewers for 1969 in the January 1970 issue.

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