

## Leadership

IN the September 24, 1973 issue of *Aviation Week and Space Technology*, Robert B. Hotz, Editor-in-Chief, congratulated AIAA for providing leadership to the aviation industry. He pointed out that as the industry "drifted aimlessly—without a voice to state its case," the responsibilities were shouldered by AIAA. The leadership vacuum has been filled by the AIAA whose efforts have spread into the required areas. Mr. Hotz traced the AIAA participation and accomplishment in five areas, making the following points (slightly paraphrased here):

**Employment.** Early in 1970 AIAA conducted the first experimental workshop in Los Angeles for engineers and scientists. Over 25,000 unemployed attended. Some 12,000 have found jobs.

**Techno-Politics.** In the last few years AIAA has held its Annual Meetings in Washington to stimulate greater awareness of what aerospace technology could offer among the legislators who determine national policies and pending priorities. The January 1973 Meeting was a smashing success in producing an effective blend of industry and government dialogue on technology. AIAA also conducted a detailed study on the technology and utility of new space transportation systems and broke the ice on Capitol Hill last Spring by presenting its data to four congressional committees.

**Urban Technology.** AIAA has jumped into this area where others have already given up and in October 1973, sponsored its third Urban Technology Conference in Boston to again bring its technical membership into contact with politicians and civic groups whose problems so acutely require solutions.

**Youth.** Aerospace technology's future is seriously clouded by the current and understandable lack of the youthful enthusiasm that attracted bright young people into this field for decades. AIAA is using its university-based chapters to operate with educational television stations to carry debates and discussions of current aerospace problems into the academic atmosphere.

**Exports.** AIAA has emerged as a dynamic catalyst to broaden and strengthen these efforts in the manner required by the political systems of countries such as China and USSR. AIAA's tremendous success in building an aerospace trade bridge to the USSR with its Moscow exhibition in July 1973 was a spectacular demonstration of what can and must be done.

Mr. Hotz concluded on a positive note, saying that "during the past three years AIAA has provided a vital force of leadership for the aerospace industry both domestically and on the international scene . . . the program is on the right track and merits strong support both from with-

in its professional membership and externally from everybody with a stake in aerospace."

We who serve as editors of the *Journal of Aircraft* couldn't agree more. You have but to look at the many issues overshadowing our well-being today as a world leader to appreciate the wisdom, foresight, and courage of our AIAA leaders to assume the mantle of leadership. The list of problems seems endless, such as energy shortage, environmental and ecological considerations in today's society, pressure for research and development priorities, infusion of higher moral standards in our day-to-day dealings, the quest for profitable ventures in the world of business, and the many ramifications of inflation. Notwithstanding, if we stand firm in principle, exercise reasonable judgment, continue to display high caliber inter-personal skill in AIAA matters, are perceptive, communicate well, and maintain a good tolerance for pressure, AIAA will reach an even higher level in national and international circles.

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It is a pleasure to acknowledge the devotion and sincerity displayed by the Publications Staff of the AIAA in 1973. Anne Huth, Managing Editor, continues to provide expertise to the job of producing the *Journal of Aircraft*, and for this we are most grateful. Her patience, thoroughness, and keen perception have helped immensely to maintain the high quality of this publication in this the year of the sudden loss of the Editor-in-Chief, Carl F. Schmidt. Ruth Bryans, Director of Scientific Publications, has provided progressive leadership to this Institute publication, and served as a strong, highly cooperative Director. A special tribute is due the Associate Editors who have shared the major responsibility of assuring our readers a viable technical product. Our sincere thanks go to William Greathouse, John H. Povolny, Sheila E. Widnall, and E. Carson Yates for their dedication and for the extra efforts they put forth this year. Our appreciation is extended to the many other members of the staff in New York who contributed effectively to help make the *Journal* meet such high standards.

We cannot overlook the time, effort, and talents devoted to the *Journal* by those who have served as reviewers during the past year. This reservoir of technical expertise constitutes a most vital element in keeping the *Journal* relevant. Although these persons are necessarily anonymous when they perform this service, we are pleased to have this opportunity to recognize them. Their names are listed below.

One final note. Last July we were shocked by the unexpected passing of Carl F. Schmidt. Carl had been the Editor-in-Chief of the *Journal of Aircraft* since its inception

in 1964. We the people, who now constitute the lifeblood of the Journal—the Associate Editors, the Headquarters Staff, and his literally hundreds of technical comrades—once again say “Thank you, Carl, for a job well done, and Godspeed. We will carry on.”

James E. Dougherty  
*Acting Editor-in-Chief*

The AIAA staff and I are most grateful to Jim Dougherty for assuming the extra responsibilities of Acting Editor-in-Chief while continuing his regular duties as an Associate Editor of the *Journal of Aircraft*.

We are pleased to announce that the new Editor-in-Chief of the *Journal of Aircraft*, effective January 1, 1974, will be Dr. Allen E. Fuhs, Professor of Aeronautics, Naval Postgraduate School, Monterey, Calif. Dr. Fuhs received his PhD from California Institute of Technology in 1958. He has been active in many AIAA matters, which have included Chairmanship of the Technical Committee on Propellants and Combustion, Chairman of the Points Lobos Section, and, most recently, Volume Editor of “Instrumentation for Airbreathing Propulsion” (Vol. 34 of the *AIAA Progress in Astronautics and Aeronautics Series*, to be published in January 1974). He also has been active in many AGARD and NATO activities and served as Chief Scientist of the Air Force Aero Propulsion Laboratory from 1968 to 1970. We welcome Dr. Fuhs as Editor-in-Chief and wish him success in his new service to AIAA.

Gordon L. Dugger  
*Vice President-Publications*

### Reviewers for *Journal of Aircraft*, September 1, 1972–August 31, 1973\*

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|---------------------------|------------------------|---------------------------|-------------------------|------------------------|
| Abrams, Dick              | Duberg, John E.        | Hoover, Isaac H.          | Morgan, Harry L., Jr.   | Sherwood, Walter       |
| Allen, Robert             | Dziuba, John J.        | Hoydysh, Walter           | Mott-Smith, Tipton P.   | Sichel, Martin         |
| Allison, William A.       | Ehrlich, Eugene        | Huang, R. Y.              | Murrow, Harold N.       | Simpkin, William E.    |
| Anderson, Carl F.         | Elliott, Elden M.      | Huber, J. F. A.           | Narendra, Kumpati S.    | Simpson, Robert W.     |
| Anderson, Warren E.       | Enders, John John H.   | Hynes, Robert             | Nark, Theodore C., Jr.  | Smith, A. M. O.        |
| Arcidiacono, Peter J.     | Etkin, Bernard         | James, R. H.              | Nayfeh, A. H.           | Smith, J. D.           |
| Armstrong, Neil A.        | Evans, David           | Johns, Robert H.          | Nelson, A. W.           | Smith, Robert E., Jr.  |
| Arnold, V. E.             | Felgar, Robert P., Jr. | Jones, George W., Jr.     | Nelson, Alan W.         | Sovran, Gino           |
| Babcock, Charles D.       | Fenimore, C.           | Jones, R. E.              | Nettles, William E.     | Stanffer, Warren       |
| Bahr, D. W.               | Ferri, Antonio         | Jones, R. F.              | Newell, R.              | Stark, Valter          |
| Barlow, Jewel B.          | Finston, Morton        | Jones, Robert T.          | Nicolaides, John D.     | Starnes, James H., Jr. |
| Baron, Judson R.          | Fowell, Leonard R.     | Jones, William P.         | Noor, Ahmed K.          | Stauffer, Warren A.    |
| Barrows, Tim              | Franklin, James A.     | Jordan, Peter F.          | Oates, Gordon C.        | Stein, Bland A.        |
| Barton, William R.        | French, Kenneth        | Joslin, Charles L.        | Olason, M. L.           | Stengel, Robert F.     |
| Beckwith, W. B.           | Friedmann, Peretz      | Judy, Gordon D.           | Ormiston, Robert A.     | Stitt, Leonard E.      |
| Benefield, Tommie D.      | Gabel, Richard         | Kacprzynski, Jerzy J.     | Ormsbee, A. I.          | Stone, Melvin          |
| Benzakein, Meyer J.       | Gaffey, Troy M.        | Karanian, Arthur J.       | Orton, Howard           | Stout, Ernest          |
| Bergmann, Gerald E.       | Gaonkar, G. H.         | Kastner, Thomas M.        | Ostgaard, Morris A.     | Stringham, R. H.       |
| Berman, Julian H.         | Garrick, I. E.         | Katsanis, Theodore        | Parnet, Norman R.       | Stroud, W. Jefferson   |
| Berndt, Rudi              | Geoffrion, Donald      | Kaufman, Howard           | Pennell, M. L.          | Sullivan, John P.      |
| Berndt, Sune              | Giesing, Joseph P.     | Keirse, J. L.             | Phillips, Bert          | Swaim, Robert L.       |
| Bilanin, Alan             | Goldberg, Arthur P.    | Kerney, Keith P.          | Pitkin, Edward          | Taylor, Edward S.      |
| Bird, John D.             | Goldman, Alan J.       | Kerrebrock, J. L.         | Poritzky, Siegfert B.   | Taylor, Richard P.     |
| Bishop, Allan R.          | Graef, Jack D.         | Knecht, Robert W.         | Povolny, John M.        | Tebo, William J.       |
| Bittker, David A.         | Graham, Dunstan        | Kohlman, David L.         | Powers, John O.         | Thiruvengadam, A.      |
| Blackburn, Charles L.     | Grahame, William E.    | Kujawski, Bruce T.        | Pratt, K. G.            | Thomas, Edwin L.       |
| Blick, E. F.              | Gratzler, Louis B.     | Kvaternik, Raymond G.     | Preisser, J. S.         | Thompson, Glenn O.     |
| Bliss, Donald             | Gravitz, Sidney        | Landahl, Marten T.        | Pruner, James           | Thomson, Robert G.     |
| Bloodworth, Jack E.       | Greathouse, William    | Leehey, Patrick           | Queijo, M. J.           | Tjonneland, Elling     |
| Bloomer, Harry E.         | Griffin, Edward J.     | Lemley, Clark E.          | Rae, William H., Jr.    | Tobak, Murray          |
| Bowles, Roland L.         | Grobman, Jack          | Lesberg, E.               | Ransone, Robin          | Toman, D.              |
| Bowman, James S.          | Haftka, R. T.          | Lewin, Norman             | Reid, Donald B.         | Tombach, I. H.         |
| Bryson, Arthur E., Jr.    | Hage, Robert E.        | Lewis, Jim                | Revell, James D.        | Tomsic, Gregory W.     |
| Burkhart, Thomas          | Haldeman, Charles W.   | Leybold, Herbert          | Reyhner, Theodore A.    | Toni, Royce A.         |
| Burstadt, Paul E.         | Hall, Bertrand M.      | Lieurance, Newton A.      | Ribner, H. S.           | Tull, William J.       |
| Byrd, Frank               | Hall, W. E., Jr.       | Lightfoot, Ralph B.       | Rice, Edward J.         | Turner, M. Jonathan    |
| Campbell, Harry W.        | Hallick, Peter         | Lissaman, Peter           | Rickey, G. Keith        | Verdon, Joseph M.      |
| Carta, Franklin O.        | Ham, Norman D.         | Loewy, Robert G.          | Rodden, William P.      | Walker, Dennie L.      |
| Castellon, Frank          | Hamilton, William T.   | Lopez, Michael L.         | Rowe, William S.        | Walters, R.            |
| Chelko, Louis J.          | Hammond, Charles E.    | Lowe, William H.          | Rubbert, Paul           | Wang, James T. S.      |
| Cheng, Sin I.             | Hanson, Perry W.       | Lutze, Frederick H.       | Rugh, W. J.             | Ward, John F.          |
| Citron, Stephen J.        | Hardrath, Herbert F.   | McCarty, John L.          | Runckel, Jack F.        | Warden, Charles A.     |
| Cliff, E. M.              | Harlan, Raymond        | McCormick, Barnes W., Jr. | Ryle, D. M., Jr.        | Waring, D. B.          |
| Collier, William          | Harrington, Douglas E. | McCroskey, William J.     | Saffman, Phillip        | Warren, Dale S.        |
| Collins, Robert C.        | Harris, Wesley L., Sr. | McEwan, A. J.             | Sain, Jack              | Waterman, Hugh         |
| Connor, A. B.             | Hassig, Hermann J.     | McIntosh, Samuel C.       | Sankaran, Viswanathan   | Weatherill, Warren H.  |
| Cooper, George E.         | Hayden, Richard        | Magruder, William M.      | Saric, William S.       | Weinstein, Leonard M.  |
| Cotton, Louis S.          | Haynes, George W.      | Margason, Richard J.      | Schell, Charles J., Jr. | Wenzel, Leon W.        |
| Crichlow, Walter J.       | Heller, Honno          | Maybeck, Peter S.         | Schmitendorf, W. E.     | Weyl, Carl J.          |
| Crow, Steven C.           | Henderson, George T.   | Meador, Bernal M.         | Schott, G. J.           | Whitaker, H. Philip    |
| Cunningham, Atlee M., Jr. | Heppe, R. Richard      | Mikkelsen, Daniel         | Schultz, Robert L.      | White, Frank C.        |
| Cunningham, Herbert J.    | Hess, John             | Milgram, J.               | Schultz, William C.     | Widnall, Sheila        |
| Curry, Renwick E.         | Heymann, F. J.         | Miller, Brent A.          | Schwind, R. G.          | Widnall, William S.    |
| Curtiss, H. C., Jr.       | Hickey, David H.       | Miller, Rene H.           | Schy, Albert A.         | Williams, John         |
| DeVore, Gilbert           | Hodges, Garold E.      | Miller, William B.        | Sears, W. R.            | Wolf, D. F.            |
| DeYoung, J.               | Hoffman, William C.    | Mitchell, Glenn A.        | Seckel, Edward          | Wollmershauser, C.     |
| Dixon, Sydney C.          | Hogley, John           | Montgomery, Raymond C.    | Seebaugh, William R.    | Wood, Howard A.        |
| Doggett, Robert V., Jr.   | Hohenemser, K. H.      | Moore, John E.            | Seltzer, Stanley        | Wykes, John H.         |
| Doyle, Joseph P.          | Holt, John M.          |                           | Shanks, Robert E.       | Young, Maurice I.      |

\*Because it is difficult to include the Reviewers for September, October, November, and December in this issue of the Journal, they will be listed with the reviewers for 1974 in the January 1975 issue.