

## Laurels for 1978

Here are the people we think deserve recognition for their contributions to the aerospace world in 1978:

■ **Gerhard Neumann**, General Electric vice president, for his successful drive to make the commercial airline engine market competitive by garnering a significant share for the General Electric big fan engine family.

■ **John Fozard**, chief Harrier designer for British Aerospace, British Royal Navy **Lt. Cdr. D. R. Taylor** and chief Harrier test pilot **John Farley** for their collaboration to develop and demonstrate the ski-jump launch that gives the Harrier a major extension of operational capability.

■ **Bill Perry**, under secretary of Defense for research and engineering, for his technical integrity and courageous leadership to push Defense research and development into key areas of new technology.

■ **"Tex" Boullioun**, president, and the management of the Boeing Commercial Airplane Co. for their gutsy decision to launch a new generation of advanced technology transports that promises to extend Boeing domination of the airline market to the end of the century.

■ **Ozires Silva**, head of Embraer, for his development of a series of light transport aircraft that has added Brazil to the roster of aircraft exporters.

■ **Rep. Olin E. "Tiger" Teague** (D.-Tex.) for his long service as chairman of the former manned spaceflight subcommittee and more recently of the House Science and Technology Committee and his staunch support for manned spaceflight from Mercury to the space shuttle that ended with his retirement this year.

■ **Rear Adm. Dick Seymour**, assistant deputy chief of naval operations for air warfare, for his realistic pressure to get the Navy to take a better look at V/STOL technology and enlist NASA support for a national priority program to develop efficient V/STOL antisubmarine warfare aircraft.

■ **J. Lynn Helms**, chairman and chief executive officer of Piper Aircraft, for his dramatic turnaround of this pioneering light aircraft manufacturer to regain a significant share of the market.

■ **Charles F. Hall**, NASA Ames Research Center, for his successful management and execution of the multi-spacecraft mission to report facts on the Venusian environment to replace astronomers' theories.

■ **Steve Dorfman**, Hughes Aircraft Co., for spearheading the design, construction, integration and mission support of the two Venus spacecraft and four entry probes.

■ **Harry Halton**, executive vice president of Canadair, for his driving force in all engineering aspects of

developing the Challenger twinjet business aircraft that brought it from initial approval on Oct. 29, 1976, to first flight on Nov. 8, 1978.

■ **Richard Peal**, Boeing, for development of the first digital avionics flight management system for a commercial transport in the 767.

■ **Y. J. M. Pillay**, chairman, and **Lim Chin Beng**, managing director of Singapore Airlines, for building a privately owned airline into an international financial success that enabled it to modernize its fleet with a \$900-million order for 17 Boeing 747 and 727 transports.

■ **Bob Daniell**, executive vice president of Sikorsky, for his role in the conception and development of the S-76 commercial helicopter to initial deliveries to customers in 1978.

■ **Rep. Jim Lloyd** (D.-Calif.) for his vigorous and outspoken public campaign against the more odious and unfair aspects of the Carter Administration export policies that resulted in some initial reversals and a major restudy of the policy basis.

■ **Albert Janex**, chief engineer for communications, radar and aviation technology at Le Materiel Telephonique, a Thomson-CSF subsidiary in Paris, for innovative techniques employing large-scale integrated circuits to improve airborne identification (IFF) systems.

■ **President Jimmy Carter** for recognizing the need for a new national space policy and dragooning government bureaucrats into developing and publishing one and also for prodding the Defense Dept. into an aggressive mode for applying modern technology to growing military space systems needs.

■ **Sens. Harrison Schmitt** (R.-N. M.) and **Adlai Stevenson, 3rd** (D.-Ill.) and **Reps. Don Fuqua** (D.-Fla.) and **Ronnie Flippo** (D.-Ala.) for realizing the need to go beyond President Carter's new national space policy to exploit fully the enormous potential for improving life on earth from advanced space technology.

■ **John Cochrane**, NASA manager for the quiet short-haul research aircraft, and **George Kelly**, his Boeing counterpart, for overseeing the development and manufacture of a major national aeronautical resource with high technology at low cost.

■ **Raymond Orye** of Belgium, director of the European Space Agency Ariane launcher program, for his initiative, perseverance and high motivation of the Ariane team.

■ **Jean Cabriere**, technical director of Avions Marcel Dassault-Breguet Aviation, for the successful design, development and flight testing of the Mirage 2000 fighter.

—**Robert Hotz**