

## Laurels for 1986

The following individuals have been nominated by the editors of AVIATION WEEK & SPACE TECHNOLOGY for their contributions to aerospace in 1986:

Homage is paid to the crew of the space shuttle **Challenger**, who died because elements of their support team grew complacent about the unforgiving realities of space flight. The deaths of astronauts **Dick Scobee**, **Mike Smith**, **Judy Resnik**, **Ellison Sizani**, **Ron McNair**, **Gregory Jarvis** and **Christa McAuliffe** remind us that progress can still extract a heavy toll.

**William P. Rogers**, chairman, and his 12-member Presidential Commission for their investigation of the space shuttle Challenger accident. The diverse group of professors and airline managers, a newsmen, a general and two astronauts developed an intelligent and unprejudiced account of the Challenger accident and recommendations to prevent a recurrence.

**Jeff McCoy**, area supervisor, Tracon, Chicago O'Hare International, for directing **USAF Capt. Vincent Amato** as he skillfully piloted his flamed-out F-16C through overcast to a safe landing at Glenview Naval Air Station.

**Charles R. Higgins**, **Alan R. Mulally** and **Simon P. Scott** of the Boeing wind shear team, for establishing a base for wind shear study and effective pilot training.

**Peter Levene**, Chief of Defense Procurement for the British Ministry of Defense, for revising the ministry's contracting procedures to accentuate competitive procurement.

**Robin Beard**, assistant secretary general of NATO, for leadership in multinational cooperation on arms procurement.

**William F. Ballhaus, Jr.**, **Victor L. Peterson** and **F. Ron Bailey**, of NASA's Ames Research Center, for spearheading the Numerical Aerodynamic Simulator, which uses supercomputers for advanced computational fluid dynamics.

To the memories of **Marcel Dassault**, **Claudius Dornier**, **Charles "Chuck" Sewell**, **Robert F. Six**, **Rene Ravaut** and **Edward C. Wells** for lifetimes of aviation accomplishments and the legacies they leave to the aviation community.

British Aerospace Experimental Aircraft Program team including **John Vincent**, **John Lowery**, **Eddie Daley**, **Colin Bagwell** and **Peter Orme**, for designing, building and starting flight tests of the EAP demonstrator in less than four years.

Dassault-Breguet's Rafale A team, including **Bruno Revellin-Falcoz**, **Jean-Claude Hironde** and **Guy Mitau-Maurouard** for their rapid-paced development and flight testing of the Rafale A demonstrator aircraft.

**Prof. Matthew Kabrisky** and his Air Force Institute of Technology electrical engineering graduate students for researching pattern recognition in support of Air Force Wright Aeronautical Laboratories programs in expert systems.

**Jean-Jacques Dordain**, for advancing Europe's space technology as coordinator of space activities at France's Onera research agency, leading the Ariane V15 accident investigation and heading ESA's Microgravity Promotion and Utilization Dept.

**Sir John Cuckney**, chairman of Britain's Westland helicopter company, who led it through a fierce political dispute, bringing it from near-bankruptcy to profitability in just over a year.

**Frederic d'Allest**, head of the French CNES space agency, for leadership in integrating the Hermes manned spaceplane program as a European Space Agency cooperative project.

The **Intergency Consultative Group**, led by **Roger M. Bonnet**, European Space Agency; **Roald Z. Sagdeev**, Intercosmos; **Minoru Oda**, Japan's Institute of Space and Astronautical Science, and **Burton I. Edelson**, NASA, for the international Halley's Comet mission and for expanding the group's activities into

new joint science missions. Also, the **ESA Giotto team**, led by **Ruedeger Reinhard**, for Giotto's flyby of Halley's Comet and the images achieved by principal investigator **H. U. Keller**.

**Thomas V. Jones**, chairman and chief executive officer of Northrop Corp., for persevering with the company-funded F-20 Tigershark program until the Air Force rejected it in the Air Defense Fighter competition.

**Col. Albert C. Piccirillo**, USAF, former program manager of the advanced tactical fighter (ATF) for setting, explaining and meeting the goals of the new fighter development effort.

**Christopher Podsiadly**, 3M director of science research laboratory, for persistence in getting a 62-flight, 10-year agreement with NASA for commercial research on shuttle and for keeping senior 3M managers enthused about commercial space.

**Steven G. Rothmeier**, chairman and chief executive officer, Northwest Airlines, for buying Republic Airlines, a half interest in Trans World Airlines' Pars computer reservation service and Airbus Industrie A320s in moves to revitalize Northwest.

**Air Force Secretary Pete Aldridge** for outspoken leadership and aggressive initiatives that will help recover both the U. S. civil and military space programs.

**Richard P. Laeser**, former Voyager spacecraft project manager at Jet Propulsion Laboratory; **Edward C. Stone**, project scientist and their **support teams** for the successful flyby of the planet Uranus.

**USAF Lt. Col. Mike Rendine** of the Strategic Defense Initiative; Delta booster managers **Bill Russell**, NASA, and **Louis Raburn**, McDonnell Douglas, and **Mike Griffin** and **John Dasoulas** of the Johns Hopkins Applied Physics Lab for execution of the highly successful SDI Delta booster mission.

The **Soviet Mir team** for developing the world's first truly modular space station and cosmonauts **Leonid Kizim** and **Vladimir Solovyev** for their Soyuz T-15 mission, the first to demonstrate crew transfer between two stations, the Mir and Salyut 7.

**Lew Allen** of Jet Propulsion Laboratory, **Pete Smith** and **Sam Keller** of NASA and **Mike Michoud** of the U. S. State Dept. for helping achieve a new U. S./Soviet space agreement that could lead to joint exploration of Mars.

For years of diligent work and leadership, culminating in the landmark military reform legislation of 1986, **David Packard**, **Sens. Barry Goldwater**, **Sam Nunn**, **William S. Cohen** and **Carl Levin** and **Reps. Nicholas Mavroules**, **Bill Nichols**, **Les Aspin** and **Charles E. Bennett** and their staffs.

**Lawrence H. Westerlund**, vice president for engineering and operations at Comsat Communications Service Div., for the Comsat Maneuver control technique that can double communications satellite life.

**Anthony J. DeLuca**, competition advocate for the Air Force Systems Command, for doubling the dollar amount of contracts competitively awarded by Air Force Systems Command.

**Tulinda Deegan**, Regional Airline Assn. vice president, for efforts in behalf of handicapped airline passengers.

**USAF Capt. Marc Felman**, KC-10 commander, **USMC Capt. Jerry Chase**, KC-130 commander and their **flight and ground crews**, for launching in near zero-zero weather to refuel USMC A-4M Skyhawks caught with minimum fuel in deteriorating weather over the Azores.

**Don Latham**, assistant secretary of Defense for command, control, communications and intelligence, for energetic efforts to carry out President Reagan's early mandate to modernize the nation's vital C-Cubed facilities and capabilities.

—DONALD E. FINK/New York