



Palm Beach Sections of the
American Institute of Aeronautics and Astronautics
And
American Society of Mechanical Engineers

Present
HONORS AND AWARDS BANQUET

In Celebration of National Engineers Week
“7,000,000,000 People
Seven Billion Dreams
Engineers Turn Dreams into Reality”

West Palm Beach, Florida
In cooperation with
The Engineers' Council



Saturday, March 10, 2012
Hilton Garden Inn
Palm Beach Gardens, Florida

Honors and Awards Banquet

History of National Engineers Week

National Engineers Week, a national week of recognition of the engineering profession, has been celebrated since 1951. Originally, the week of President George Washington's birthday (February 22) was designated National Engineers Week, in honor of President Washington, who was a land surveyer and is considered to be our nation's first most prominent engineer.

Engineering Professional Societies across the nation celebrate National Engineers Week by conducting recognition events, educational outreach and mentoring events, and facility tours in order to help stimulate interest in science, technology, engineering and mathematics careers.

Last year, through a joint effort of the Palm Beach Sections of the AIAA and ASME, and with the cooperation and assistance of The Engineers' Council, this annual National Engineers Week Honors & Awards Banquet began. At this event, AIAA awards will be presented, along with awards bestowed by The Engineers' Council on worthy engineers and scientists to honor them for their professional accomplishments and contributions to society through the art and science of engineering.

Through the years, The Engineers' Council has presented thousands of awards recognizing outstanding contributions by individuals in our community and throughout the world in the fields of engineering, education, special fields of work, and public service.

Proceeds from this Banquet will help fund scholarship, high school mentoring, and middle-school math and science educational enrichment programs conducted throughout the year.

National Engineers Week Committees

~ BANQUET COMMITTEE ~

Russ Joyner, Micki Marshall, Mike Popp, Pat Sheehan, Jean Snyder, Robert Tarn

~ AWARD ASSEMBLY ~

Marek Barylak, Larry Dalton, Kenneth Davis, William Johnson,
Sharlene Katz, Charles Olsefsky, Robert Tarn

~ AWARD PRESENTERS ~

Mike Popp, Robert Tarn

~ AWARDS & SOUVENIR PROGRAM GRAPHICS ~

Mike Matte

~ AWARDS PRINTING ~

Mike Breitenbeck

Honors & Awards Banquet

Saturday, March 10, 2012



Social Hour – 5:30 p. m.

Welcome & Introductions – 7:00 p. m.

Michael Popp

Chairman - AIAA Palm Beach Section

Dinner

Guest Speaker – 7:45 p. m.

Robert D. Cabana

Center Director

John F. Kennedy Space Center

Presentation of Awards

AIAA Service Awards

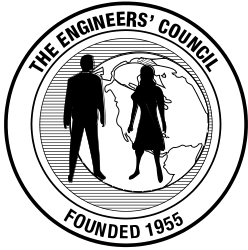
Michael Popp

Engineers' Council Awards

Robert B. Tarn

Trustee, The Engineers' Council

Closing



The Engineers' Council

Congratulates

2012 NATIONAL ENGINEERS
WEEK HONOREES

Thank You Engineers Week Participants

AIAA Palm Beach

ASME Palm Beach

Pratt & Whitney Rocketdyne

Your participation enables us to further our mission, to promote science and engineering careers, provide educational enrichment in science and engineering, and recognize student achievement in the art and science of engineering for the general welfare of humankind.

In the year 2011, the local AIAA & ASME sections contributed to educational and charitable programs, which included the following:



Scholarships

- Scholarships awarded to engineering students at Florida Atlantic University
- Cash Awards to Palm Beach County Science Fair engineering category winners

Mentoring

- FIRST Robotics teams: SPAM (#180), MARS (#1523), Children of the Swamp Thing (#179), and Robocats (#3622)

Educational Outreach

- MATHCOUNTS
- FIRST Lego League
- Discover "E" classroom visits

Continuing Education

- Professional development courses offered for local engineers to earn PDH credits
- Palm Beach Section Executive Committee leadership training

Keynote Speaker

Robert. D. Cabana
Center Director
John F. Kennedy Space Center



Robert D. Cabana is the tenth director of NASA's John F. Kennedy Space Center in Florida where he manages a team of approximately 9,000 civil servants and contractor employees. Prior to his appointment to Kennedy in October 2008, the former space shuttle astronaut served as the director of NASA's Stennis Space Center in Mississippi.

Originally from Minneapolis, Minn., Cabana graduated from the U. S. Naval Academy in 1971, with a Bachelor of Science in mathematics and was commissioned as an officer in the U.S. Marine Corps. He is a distinguished graduate of the U.S. Naval Test Pilot School and has logged over 7,000 hours in 36 different aircraft.

Cabana was selected as an astronaut candidate in June of 1985, completing his training in 1986. He has flown four space shuttle missions serving as the pilot of Discovery on STS-41 in October 1990, the pilot of Discovery on STS-53 in December 1992, the commander of Columbia on STS-65 in July 1994, and the commander of Endeavour on STS-88, the first space station assembly mission, in December 1998.

Before being named the director of Stennis Space Center in October 2007, Cabana served as deputy director of NASA's Lyndon B. Johnson Space Center in Houston, Texas. In addition to his duties as an astronaut, Cabana's NASA experience includes assignments as deputy chief, Aircraft Operations Division; chief, NASA Astronaut Office; manager, International Operations, International Space Station Program; director, NASA Human Space Flight Program in Russia; deputy, International Space Station Program; and director, Flight Crew Operations.

He is married to the former Nancy Joan Shimer of Cortland, N.Y. They have three children: two sons and a daughter

NATIONAL ENGINEERS WEEK MESSAGE FROM EXPEDITION 30



Image above: Pictured on the front row are NASA astronaut Dan Burbank, commander; and Russian cosmonaut Oleg Kononenko, flight engineer. Pictured from the left (back row) are Russian cosmonauts Anton Shkaplerov and Anatoly Ivanishin; along with European Space Agency astronaut Andre Kuipers and NASA astronaut Don Pettit, all flight engineers.

Photo credit: NASA and International Space Station partners

Astronaut Dan Burbank, Commander of Expedition 30

“I’d like to congratulate all of you on this 61st observance of National Engineers Week. This week, activities run by volunteers from engineering societies and professional organizations all across our nation are stimulating interest among our youth in science, technology, engineering and math. They will one day be the critical contribution to the pool of engineering and scientific talent that our nation needs to meet the future. These activities include science fairs, mentoring, educational outreach, and student design competitions.

“In many areas recognition of engineering professionals is occurring at celebrations that highlight their many contributions to making our world a better place. We appreciate what you do every day to keep us safe up here, to keep our families secure at home, to contribute to the economic vitality of our nation, and to make technological progress for the benefit of all people on Earth.

“Again, congratulations to you all, and best wishes from the International Space Station.”



***AIAA Sustained Member
Service Awards***

25 Years:

Michael Gesner A.F.
Palm Beach Gardens, Florida

Dr. Stewart A. Glegg A.F.
Boca, Raton, Florida

Mr. John Sprague A.F.
Stuart, Florida

40 Years:

Prof. Gopal Gaonkar A.F.
Boca Raton, Florida

Scott. W. Pitcher
West Palm Beach, Florida

Richard S. Traverse
Naples, Florida

50 Years:

Dr. Robert Kruse A.F.
Punta Gorda, Florida

60 Years:

Morton Fleishman
Punta Gorda, Florida

The World's Forum for Aerospace Leadership

OUTSTANDING ENGINEERING ACHIEVEMENT MERIT AWARDS

Cassandra J. Bigini

*Pratt & Whitney
Rocketdyne
West Palm Beach,
Florida*



For exceptional leadership and for the application of advanced statistical methods to bring robust technical decision making to Pratt & Whitney Rocketdyne.

Ralph Bustamante

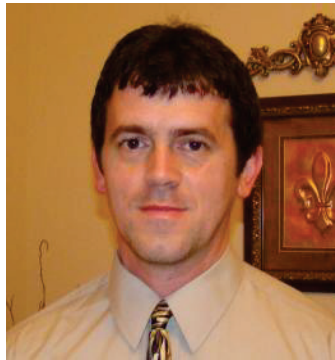
*Pratt & Whitney
Rocketdyne
Kennedy Space Center,
Florida*



For exceptional support and leadership of the RL10 Rocket Engine Launch Team on Atlas and Delta vehicles.

Michael D'Antoni

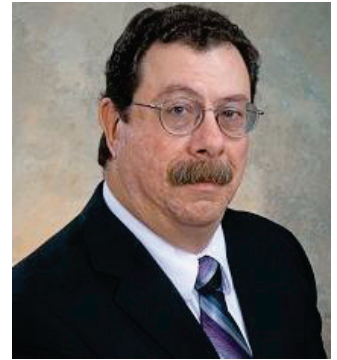
*Pratt & Whitney
Rocketdyne
Stennis Space Center,
Mississippi*



In recognition of outstanding technical and leadership contributions and mitigation of personal risks for the pre-test preparations of the A1 Test Stand at Stennis Space Center for the J-2X program.

Donald E. Galler

*Pratt & Whitney
Rocketdyne
West Palm Beach,
Florida*



For developing and advancing the knowledge and application of Rocket Engine Performance and Operability Discipline on Pratt & Whitney Rocketdyne propulsion programs.

OUTSTANDING ENGINEERING ACHIEVEMENT MERIT AWARDS

Neil Glorie

*Pratt & Whitney
Rocketdyne
West Palm Beach,
Florida*



For exemplary commitment and support of the nation's manned space flight program as a leader of the Space Shuttle Main Engine High Pressure Turbomachinery Team.

David B. Hudson

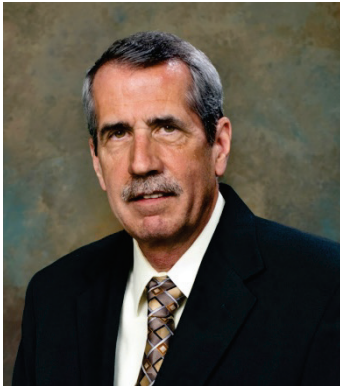
*Pratt & Whitney
Rocketdyne
West Palm Beach,
Florida*



For outstanding technical support of the RL10 engine in the areas of engine loads, rotordynamics, structural analysis and customer support.

Lee R. Smith

*Pratt & Whitney
Rocketdyne
West Palm Beach,
Florida*



For leadership and technical excellence in the development of rotating machinery hardware for rocket propulsion and outstanding contributions toward the processes improvement of hardware development.

Leo L. Steele

*Pratt & Whitney
Rocketdyne
West Palm Beach,
Florida*



For technical and project leadership excellence in the development of liquid propulsion systems and for providing effective mentoring and career development guidance to the engineering staff.

DISTINGUISHED ENGINEERING PROJECT ACHIEVEMENT AWARDS

Control Room Test Simulator

*Pratt & Whitney
East Hartford, Connecticut*

Team Members:
Carlos Duran
Sam Hall

Accepting the Project Award
Martin G. Shenle
Project Leader



Global Aerospace Centre for Icing & Environmental Research (GLACIER)

*Pratt & Whitney
East Hartford, Connecticut*

Team Members:
Mike O’Niel
Bryan Brunner

Accepting the Project Award
Martin G. Shenle
Project Leader

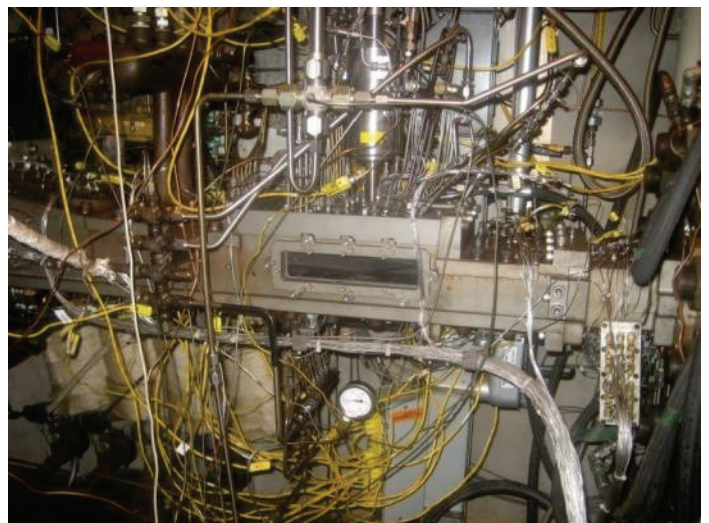


Single Fuel Scramjet Cold Start System

*Pratt & Whitney Rocketdyne
West Palm Beach, Florida*

Team Members:
Dean Andreadis, David Bombara,
Dr. James Donohue, Robert Frevert, Steven Hoxie,
Robert Moehlenkamp, Steven Ogburn, Dr. Michael
Ryan, John Teixeira, Kevin Van Dyke

Accepting the Project Award
Denis G. Medwick
Project Leader



***DISTINGUISHED ENGINEERING
ACHIEVEMENT AWARDS***

John P. Hansen

*Pratt & Whitney Rocketdyne
West Palm Beach, Florida*

*In recognition of initiative and leadership in driving forward
Pratt & Whitney technical leadership in jet engine and rocket
engine propulsion technology and ensuring 100% mission success
of the RD-180 engine*



Stephen H. James

*Pratt & Whitney Rocketdyne
Canoga Park, California*

*For contributions in the development, advancement, and
implementation of non-destructive testing technology applications
for new space propulsion and rocket engine systems*



James R. Maus

*Pratt & Whitney Rocketdyne
West Palm Beach, Florida*

*For leadership contributions to the success of Pratt & Whitney
Rocketdyne RL10, RS-68, RS-27, RD-180 and hypersonic
programs including 100% mission success of 52 Atlas V,
Delta II and Delta IV launches*



Pratt & Whitney Rocketdyne
congratulates the
2012 National Engineers Week
Honorees



Pratt & Whitney Rocketdyne

www.PrattWhitneyRocketdyne.com

ENGINEER OF THE YEAR AWARD

To

James S. Paulsen

Vice President and Program Manager
Space Shuttle Main Engine
Pratt & Whitney Rocketdyne
Canoga Park, California

Presented by

Robert B. Tarn

Trustee


The Engineers' Council



James S. Paulsen

Mr. James S. Paulsen is recognized for his long-term commitment and contributions to Pratt & Whitney Rocketdyne, the aerospace industry, and our nation's space program, and for his leadership of the extraordinarily successful Space Shuttle Main Engine Program for Pratt & Whitney Rocketdyne, which lofted the Space Shuttle with 100% mission success for 135 NASA missions to space.

PAST RECIPIENTS OF THE ENGINEER OF THE YEAR AWARD



1959 Roy E. Marquardt	1985 Phillip V. King
1960 Richard Bradshaw	1986 Sophia K. Ashley
1961 Milford G. Childers	1987 Dr. Rodney A. Boudreaux
1962 Paul R. Vogt	1988 George J. Hallinan
1963 George T. Harness	1989 Paul H. Lane
1964 Ralph Balent	1990 William F. Ezell
1965 Clarence L. Johnson	1991 Edward G. Linhart
1966 Steven J. Domokos	1992 Sherman N. Mullin
1967 James A. Broadston	1993 Robert D. Paster
1968 Dr. Arnold M. Levine	1994 Byron K. Wood
1969 Willis M. Hawkins	1995 Jack S. Gordon
1970 Ralph A. Lamm	1996 Ernest Schaeffer
1971 Arthur A. Daush, Jr.	1997 Paul B. Smith
1972 Dr. R.N. Ghose	1998 Anthony Joseph Spear
1973 John J. Guarrera	1999 Robert Goetz
1974 Elliott H. Green	2000 Dr. Michael E. Polites
1975 Mathew C. Ek	2001 Dr. Charles Volk
1976 Sam F. Iacobellis	2002 Maynard L. "Joe" Stangeland
1977 Lon L. Sanders	2003 E.R. "Ed" Glasgow
1978 Norman J. Ryker	2004 Norman S. Sakamoto
1979 Donald C. Tillman	2005 Thomas R. Gavin
1980 Dominick J. Sanchini	2006 John B. Plowden
1981 Ben R. Rich	2007 Thomas W. Blakely
1982 Dr. Paul B. MacCready	2008 Jeffrey S. Kincaid
1983 Charles G. Fargo	2009 Frank Flores
1984 Dr. Malcom Currie	2010 Daniel A. Tazartes
	2011 Eric D. Knutson

Notes:

Special Thanks To:

*~ Pratt & Whitney Rocketdyne for Award and Souvenir program
artwork and printing ~*



Pratt & Whitney

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Pratt & Whitney Rocketdyne, Inc.



2012 Souvenir Program