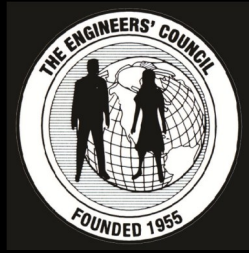


Business
Development
Board



Palm Beach County's
Economic Development Resource



2015 National Engineer's Week Honors & Awards Banquet



Presenting Sponsor



Opening Remarks

Corey Saban

CS Media Works/TheLaw.TV, LLC
Tonight's Emcee

Kelly Smallridge

President & CEO
Business Development Board

Presenting Sponsor

James Maus

Executive Director
Aerojet Rocketdyne

Presentation of Awards

Dinner

Keynote Speaker

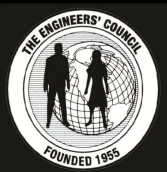
Dr. Mark J. Lewis

Director, Strategy, Science and Technology Policy
Institute for Defense Analyses

Presentation of Awards

Adjourn

Thank you for joining us tonight!



Presenting Sponsor



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ROCKETDYNE**
Innovation Securing the Future





Dr. Mark J. Lewis
Director, Strategy, Science and
Technology Policy
Institute for Defense Analyses

Dr. Mark J. Lewis is the Director of IDA's Science and Technology Policy Institute, a federally funded research and development center. He leads more than 40 researchers providing analysis of national and international science and technology issues for the Office of Science and Technology Policy in the White House, the National Institutes of Health, the National Science Foundation and the U.S. Commerce and Energy Departments. Prior to taking charge of STPI, Dr. Lewis served as the Willis Young, Jr. Professor and Chair of the Department of Aerospace Engineering at the University of Maryland. A faculty member at Maryland for 24 years, Dr. Lewis taught and conducted basic and applied research. From 2004-2008 Dr. Lewis was the Chief Scientist of the U.S. Air Force. From 2010 to 2011 he was President of the American Institute of Aeronautics and Astronautics (AIAA). Dr. Lewis also served as a member of the Air Staff and principal scientific adviser to the Chief of Staff and Secretary of the Air Force providing assessments on a wide range of scientific and technical issues affecting the Air Force mission. Dr. Lewis attended the Massachusetts Institute of Technology, where he received a Bachelor of Science degree in aeronautics and astronautics, Bachelor of Science degree in earth and planetary science (1984), Master of Science (1985) and Doctor of Science (1988) in aeronautics and astronautics. Dr. Lewis is the author of more than 290 technical publications and has been an adviser to more than 60 graduate students. Dr. Lewis also served on various advisory boards for NASA, the Air Force, and DOD, including two terms on the Air Force Scientific Advisory Board. Dr. Lewis's awards include the Meritorious Civilian Service Award and Exceptional Civilian Service Award and he was also recognized as the 1994 AIAA National Capital Young Scientist/Engineer of the Year, IECEC/AIAA Lifetime Achievement Award, and is an Aviation Week and Space Technology Laureate (2007).



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Merit Awards



Lourdes E. Avellana

**Senior Controls Engineer
Aerojet Rocketdyne**

For Outstanding Leadership in Promoting Leveraging of RL10 Fuel Inlet Valve Design Evolution and Test History to Develop Logic to Eliminate Need to Cryogenic Test RL10 Fuel Inlet Valves At the AeroPropulsion Laboratory in Denver.



Cassandra J. Bigini

**Senior Statistical Engineer
Aerojet Rocketdyne**

For Outstanding Statistics Support of the RL10 Program, broadening our understanding of the engine variability, optimizing our latest C-1 engine model, and enabling a more cost effective upper stage engine.



Craig W. Irwin

**Staff Engineer, Systems Engineering
Aerojet Rocketdyne**

For Outstanding Leadership and Support of the RL10C-1-1/
C-2-1 Common Core/Common Thrust Box Teams.



Steven Rich

**Mfg. Engineer
Lockheed Martin**

Mr. Steven Rich is being recognized with this award for his continuous contributions to the Engineering environment and end user contract compliance. His contributions to the Engineering community are endless.



Cory A. Acosta

**Test Engineer
Aerojet Rocketdyne**

For outstanding support to RS-68 Test Program at the B-1 Test Facility Stennis Space Center.



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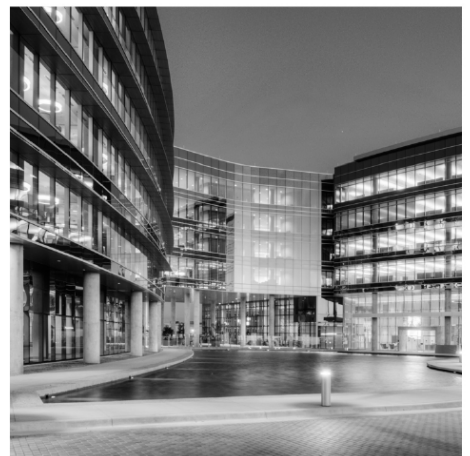
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ENGINEERING
WEEK HONORS
& AWARDS BANQUET



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TECHNOLOGY
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ENGINEERING TEAM



Merit Awards



Kenneth L. Floore

**Sr. Engineer Test/Reliab
Aerojet Rocketdyne**

Ken Floore is recognized for his contributions in replacing obsolete hardware and modifying new signal conditioning equipment to closely characterize the data we need to continue successful RS68 testing.



Carlos M. Rodriguez

**Sr. Manager, Systems Development, Verification & Test
Aerojet Rocketdyne**

Distinguished service in the development, validation, testing and flight certification of rocket engine propulsion systems.



Mike J. Cuozzo

**Sytems Engineer
Belcan Corporation**

For advancing engineering knowledge and the state-of-the-art in pulse detonation engines.



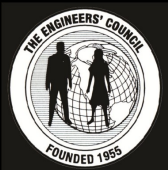
Brian D. Wright

**Software/Computer Engineer
Pratt Whitney**

Using brilliant engineering techniques and a persistent focus on quality, Brian developed a data system that will allow PW to develop the most efficient, environmentally friendly engines for years to come.



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WE'RE ENGINEERING A BETTER TOMORROW.

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Merit Awards



Leslie E. Guzman

**Principal Engineer, System Dev., Verification & Test
Aerojet Rocketdyne**

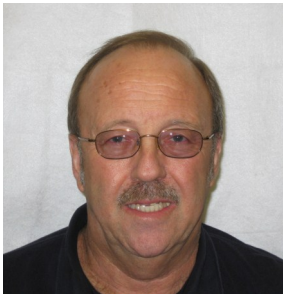
Distinguished service in the development, verification and ground and flight testing of liquid rocket and hypersonic engine propulsion systems.



Brian M. Hunter

**Sr. Engineer, Test Operations Engineering
Aerojet Rocketdyne**

In recognition of outstanding Process Safety Management engineering expertise and leadership of cryogenic and solid rocket propellants, pneumatics, and explosive hazardous operations for Aerojet Rocketdyne test facilities.



Dave Ryder

**Principal, Energetics Propellant Development
Aerojet Rocketdyne**

For outstanding work on developing next generation Evolved Castable Fuel energetic compositions meeting performance, ballistic, mechanical, sensitivity, and product requirements.



Jesus S. Lopez

**Senior Design Engineer
Belcan Corporation**

In recognition of his outstanding technical contribution the FT4000 LPT Rotor.





SIKORSKY AIRCRAFT CORPORATION

Celebrating 39 Years in Palm Beach County Developing and Building High Technology Rotorcraft



CH-53K Rollout / May 5, 2014



S-97 RAIDER™ Rollout / October 2, 2014



Merit Awards



Brad Lormand
Specialist Engineer, EPD
Aerojet Rocketdyne

For outstanding work on developing next generation Tactical Divert Attitude Control energetic compositions meeting performance, ballistic, mechanical, sensitivity, and product requirements.



Jeffrey D. Haynes
Manager, General Engineering
Aerojet Rocketdyne

Leadership in development of Additive Manufacturing technology and capability at Aerojet Rocketdyne.



Bradley C. Johnson
Specialist Engineer
Aerojet Rocketdyne

For outstanding contributions designing and developing the next-generation Aerojet Rocketdyne additive manufactured hardware that meet demanding customer expectations for performance, durability, and cost.



Lee A. Ryberg
LES054 Specialist Engineer
Aerojet Rocketdyne

For outstanding work on developing next generation Aerojet Rocketdyne additive manufactured hardware including tools and techniques that meet demanding customer expectations for performance, durability, and cost.





NATIONAL ENGINEERS WEEK MESSAGE FROM THE INTERNATIONAL SPACE STATION

Navy Capt. Butch Wilmore, Expedition 42 Commander
Air Force Col. Terry Virts, Expedition 43 Commander

Greetings from the International Space Station. I'm Expedition 42 Commander, Navy Capt. Butch Wilmore. And I'm Expedition 43 Commander, Air Force Col. Terry Virts.

We'd like to congratulate all of you on this 64th observance of National Engineers Week. This week, we celebrate how engineers make a difference in the world; increase public dialogue about the need for engineers; and bring engineering to life for kids, educators, and parents. We join with all the volunteers from engineering societies and professional organizations all across our nation, stimulating interest in math and science among our youth. Engineering is at the heart of NASA. We're living onboard one of the most complex engineering marvels ever built by mankind, and without the engineers that came before, we wouldn't be here. And for the young engineers to come, we're getting ready to go out and explore the solar system, and you can be the ones to get us there.

For the engineers living and working in America every day, we appreciate what you do to keep us safe up here, and to keep our families secure at home, and to contribute to the economic vitality of our nation, and to make the technological progress for the benefit of all people on Earth. For the future engineers of America, we say study hard, aim high, and Keep the Dream Alive.

Cheers to you, from the International Space Station!



Pratt & Whitney JSF Field Support Team

In recognition of the outstanding contribution and leadership in developing test methodologies and capabilities to support F135 propulsion system fleet readiness.

Team Members: **Matthew C. Enochs, Lonnie Mecteau, Scott Mullin, Ted Page, Nell Nassiff, Matt Esmiol, Ken Ceschini, John Fisher, Dave Fisher, Ivan Rojas**



From Left to Right

Lonnie Mecteau, Scott Mullin, Matt Enochs, Ted Page, Nell Nassiff, Matt Esmiol, Ken Ceschini, John Fisher, Dave Fisher, Ivan Rojas



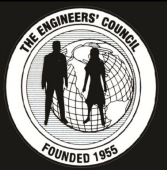
Sikorsky CH-53K King Stallion

Awarded for successfully executing the Ground Test Vehicle development program in preparation to initiate the flight test program.

Team Members: **David Boulos, Todd Roy, Rich Lamb, Noah Becker, Amy Havlock, Yoshi Watanabe, Jason Aranha, Jim Brezicki, Chris Perez, Joe Silva, Mehdi Nematollah, Brian Singer, Zak Kelleher, Ed Laracuente, Chris Olsen, Steve McCulley, John Rucci, Tim Trainer, Chris House, Mark Arnold, Mike Sabol, Dean Muccio, Joel Peterson, Bob Meissbach**



This Document Contains No Technical Data Controlled by the ITAR or EAR.
Sikorsky Aircraft Corporation Proprietary



SR 710 Big John Monahan Bridge Replacement Design-Build - Wantman Group

For distinguished achievement and outstanding contributions in Design-Build delivery, demonstrated by technical, project management and leadership efforts for the award-winning SR 710 Big John Monahan Bridge Replacement Design-Build and commitment to improving transportation engineering.

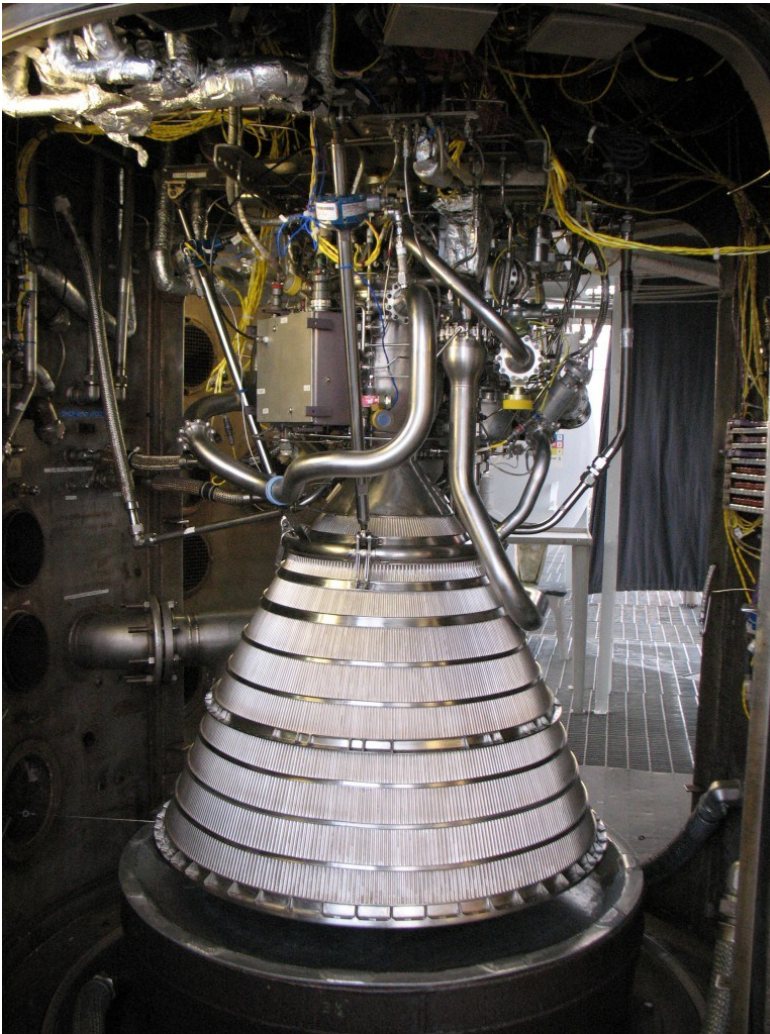
Team Members: **Doug Burg, Randy Cropp, Eugenio Ochoa, Raj Krishnasamy, Rudy Hoyos**



Lean RL10 Production Team - Aerojet Rocketdyne

Outstanding Effort Developing/Executing Plan to Implement a Leaner RL10 Production Engineering Team Targeted to Reduce RL10 Production Support Labor by 30% to Improve Engine Affordability.

Team Members: Alan F. Davis, Paul G. Kanic, Danny E. Guisinger, Shelia L. Litschauer, Kenneth J. Van Stelle, Fernando J. Diaz, Steven M. Smithwick



Sikorsky CH148 Cyclone Flight Test Team

Sikorsky CH148 Cyclone Flight Test Team for completing testing necessary to receive a flight permit for the versatile, safe and extreme mission capable CH148 Cyclone helicopter.

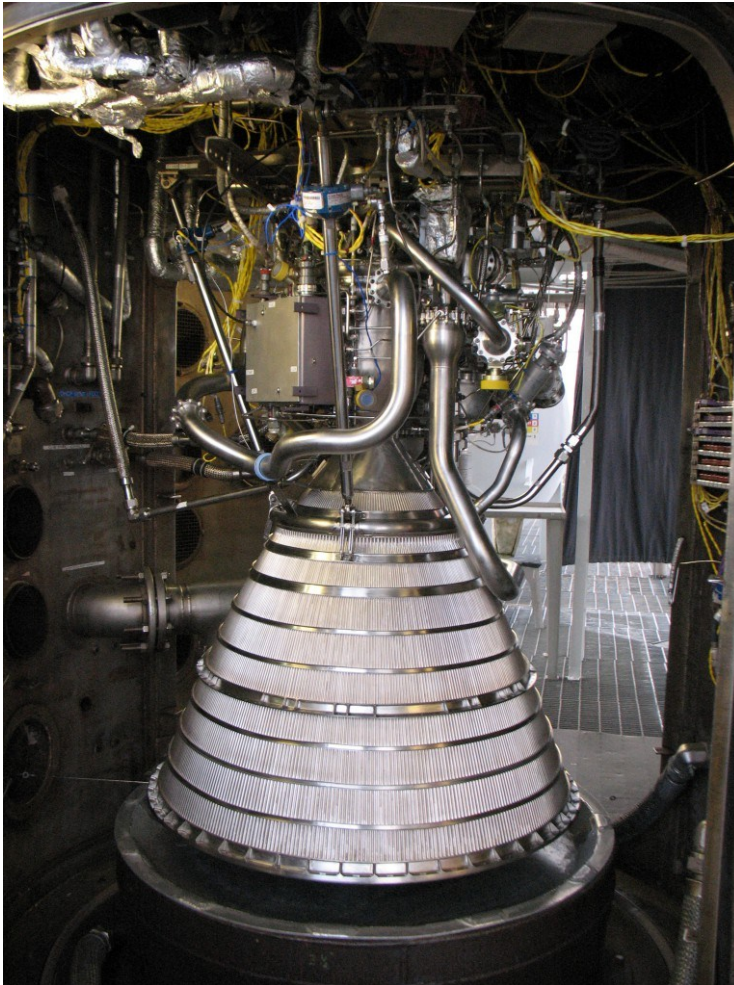
Team Members: **David W. Gauthier, Ellen Black, Nicole Blanchette, Tim Dotterer, John Guarriello, Jon Kemmerling, Glen Knaust, James McCandlish, David Morenz, Samuel Ortiz, Dennis Reed, Mauricio Rodrigo, Luis Rosario, Steven Settle, Mark Tucker, James Waltner, Hank Wimbrow**



RL10C-1-1/C-2-1 Common Core Development Team - Aerojet Rocketdyne

Outstanding teamwork developing a plan to introduce additive components into the RL10C-1-1/C-2-1 and establishing a common core engine that can be utilized on the Atlas and Delta launch vehicles to provide reduced costs and improved stage performance.

Team Members: **Reed A. Kakuska, Mike Popp (Co-lead), Craig W. Irwin, Thomas W. Paulus, Donald E. Galler, Tyler R. Jennings, Mark J. Ricciardo, Jim A. Clark, Troy T. King, Matthew Bullivant, Bruce E. Unser, Lesa H. Floyd, Cuyler H. Richards, Richard F. Hammond, N. Frank Burgy, Ginger Clayton, Leonard A. Lowinski**



E-2D Aerial Refueling Development Engineering Team - Northrop Grumman AS

The E-2D Aerial Refueling Engineering Team has demonstrated outstanding performance, extending the Advanced Hawkeye's persistence and enhancing the capability of the US Navy's Naval Integrated Fire Control-Counter Air architecture.

Team Members: **Matthew Tremmel, Gregory Benoit, Thomas Boutin, Peter Brown, Suet Chan, Thomas Chyczewski, Anthony Esposito, William Foeg, Thomas Lorigan, David Micca, Stephen Robles, Joseph Strzyz, Eugene Thalmann, Raymond Tricano, Andreas Zigomalas**



Harris High Technology Center - BRPH

BRPH's design of a cutting edge 460,000 sf sustainable facility for Harris Corporation engages the campus, encourages collaboration, evolves the culture and advances innovation. Its systems are engineering to be as complex and efficient as the building itself.

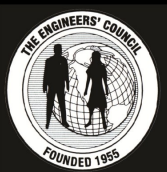
Team Members: **Laing Conley, Richard Hunton, Brian Curtin, Jeffrey Philips, Roger Anderson, Carol Ebeling, Andrew Miller, Luis Rosario**



Design of HPW3000 LPC Rig-2 - Belcan

For exceptional execution of the design phase of the Pratt & Whitney HPW3000 LPC Rig-2 program, paving the way for significant improvements in propulsion for Future Force rotorcraft systems.

Team Members: Dwight C. Drumtra, Douglas Kisling, Jose Salichs, Scott Lothian, Mohammed , Adam Brannan, Frank Raynak, Craig Moesel, Beverly Holmes



Optionally Piloted BLACK HAWK Manned Unmanned Reconnaissance Aerial Lifter (MURAL) - Sikorsky

In 2014, The Optionally Piloted BLACK HAWK (MURAL) Demonstration Team worked diligently to demonstrate autonomous flight capabilities culminating in the first unmanned flight of an optionally piloted BLACK HAWK Helicopter.

Team Members: Jason Cudnik, Lonnie Wellmaker, Corey Williams, Leonard Wengler Jr., Russell Post, Dean Erickson, Jesse Lesperance, Thomas Zygmant, Kenneth Kopp, William Fell, Harvey Samuels, Cauvin Polycarpe, Michael Connor, Igor Cherepinsky, Walter Clarke



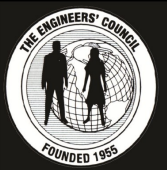
Distinguished Stem Educator Award



Arefin Bari Mechanical Engineer Apex Machine Company

This award recognizes Arefin Bari for his dedication, mentorship, and hard work in assisting with high school and middle school students in the areas of Mechanical Engineering.

Arefin has spent countless hours at Dillard High School with the robotics team. He does not let the team fail and has much pride in the team as well as students. The students really look up to him and have been greatly affected by him. He advises the students in areas outside of robotics and is truly interested in the students. The relationships created within the team are long-lasting and important to Arefin. He deserves more recognition for the amount of work he puts into the team.



Distinguished Engineering Achievement Awards



Dr. Joseph Cuschieri
Fellow
Lockheed Martin

Dr. Cuschieri is recognized for his lifelong dedication to the field of Ocean Engineering both as an educator and as an engineer benefitting the Navy War Fighter and the overall industry.



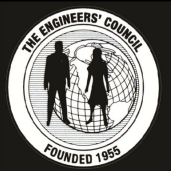
Scott K. Dawley
Director Energetics Propellant
Development
Aerojet Rocketdyne

For his contributions to Aerojet Rocketdyne's capabilities in energetics material research, solid propellant model-based development, and fielding of solid rocket motors.

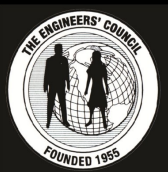


Bryan M. Waltz
Tactical Systems Business Unit
Chief Engineer
Aerojet Rocketdyne

For his contributions to Aerojet Rocketdyne's capabilities in solid rocket motor ballistic design and analysis and for his technical leadership of tactical propulsion systems development during his 42-year career.



Distinguished Engineering Educator Awards



Lilian R. Jordan
Professor
Palm Beach State College

Professor Jordan's lifelong dedication to science and engineering education, to promotion of STEM education, success of her

students, and to development of young engineering minds is deserving of Distinguished Engineering Educator Award. Prof. Jordan's dedication to the science and engineering education is extraordinary. From teaching, to curriculum development, to development of new institutional models, to leadership of students, Prof. Jordan has developed a reputation as an outstanding contributor to the field of scientific and engineering education. Her commitment to the students and their education is unrivaled at Palm Beach State College.



Dr. Madasamy Arockiasamy
Professor
Florida Atlantic University

Madasamy Arockiasamy is Professor of Civil Engineering, Florida Atlantic University. As a researcher and educator, Arockiasamy's pioneering contributions to the materials and structures area involve mechanics, fatigue, durability of materials under severe temperature and moisture

environments, and advanced high strength polymer composites applications to infrastructure systems.

Leadership Awards Luncheon

Thursday, March 5, 2015

Kravis Center

701 Okeechobee Boulevard

West Palm Beach , FL 33401

11:30 am -1:15 pm

\$75 to attend - Register at www.BDB.org

Leadership Awards

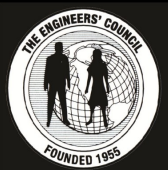
In partnership with the BDB, the Education Foundation of Palm Beach County will host the inaugural Educational Leadership Awards Luncheon. Both organizations will recognize a select group of individuals for their significant contributions to education through prestigious awards.

Volunteer Leadership Award

Superintendent's Outstanding Leadership Award

Partners in Education Excellence Award

Distinguished Alumni Awards



Upcoming Events

In business,
it's easy to meet
people;

[The Challenge]

is meeting the
right people.



Developing Executive Level Relationships

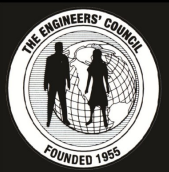
For more information contact:

Lisa Anderson

Vice President, Private Funding

561.324.0726

landerson@bdb.org



Business
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