

ENGINEERS' COUNCIL

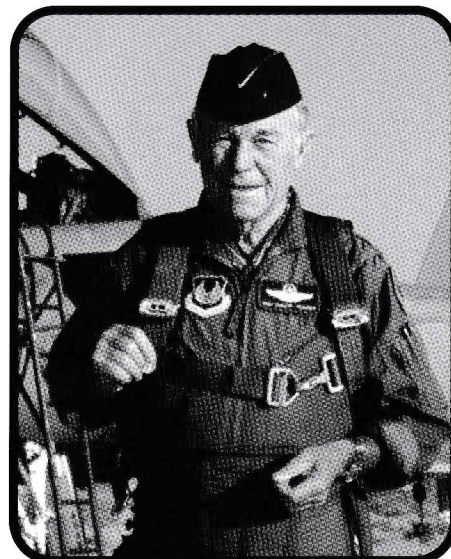
Northridge, California



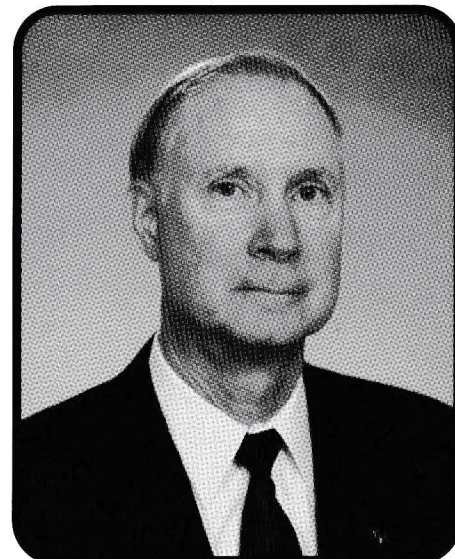
48th Anniversary HONORS AND AWARDS GALA BANQUET

Saturday, February 22, 2003

Souvenir Program



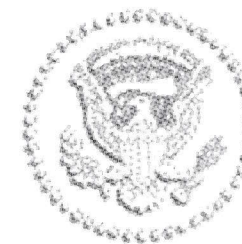
Keynote Speaker
Brig. Gen. Charles E. "Chuck" Yeager
USAF (Retired)



Engineer of the Year:
E.R. "Ed" Glasgow
Technical Vice President
Lockheed Martin Aeronautics Company
Palmdale, California

In Celebration of National Engineers Week February 16-22, 2003

Presidential Message for National Engineers Week February 16-22, 2003



The White House
Washington

I send greetings to those celebrating National Engineers Week.

Innovation is one of our greatest national strengths. The important efforts of engineers help drive our economy, protect our environment, and ensure public safety. Engineers help America remain at the forefront of technological development and contribute to countless breakthroughs that improve the quality of life for people throughout the world.

During this week, I encourage students to explore new ideas and develop skills that will help you achieve your dreams. I also commend the teachers and professionals participating for introducing young Americans to this essential industry. By involving students in your work and creating opportunities for them to learn, you are inspiring a new generation of engineers.

Laura joins me in sending our best wishes for a successful event.

1955

A Brief History

2003

Founded in 1955 as the San Fernando Valley Engineers' Council through the joint efforts of the California Society of Professional Engineers, the American Institute of Plant Engineers, the Society of Manufacturing Engineers and the Institute of Electrical and Electronic Engineers, the Engineers' Council has celebrated National Engineers Week, a national week of recognition, since 1950.

Over the years, the Council's activities have grown from a joint meeting of these societies into today's Annual Gala Honors & Awards Banquet celebrating National Engineers' Week. These banquets honor deserving professionals whose accomplishments warrant recognition by their peers.

The 1959 banquet was special. The first Engineer of the Year Award was given to Roy E. Marquardt, one of the most respected engineers in the San Fernando Valley. His accomplishments and technical innovations became a benchmark to measure all future candidates for this most prestigious honor.

The next milestone for the Council was in 1969 when the first Honorary Engineer of the Year, Ed Reineke, was selected. Over the past 34 years, a host of nationally renowned individuals has proudly received this award.

The Peter Recchia Omni Memorial Award was added to the list of major awards in 1973. This award is named for Mr. Peter Recchia, a great supporter of engineering in our community and designer of the award. This perpetual trophy is given annually to the Engineer of the Year.

In 1987, Brigadier General Charles E. "Chuck" Yeager lent his name to the San Fernando Valley Engineers' Council, which has since annually presented the Brigadier General Charles E. "Chuck" Yeager International Aeronautical Achievements Award to individuals who, with the general's concurrence, have attained historically outstanding achievements in the field of aeronautical flight test and engineering.

In February 1993, Lockheed Advanced Development Company granted the Engineers' Council the privilege of using both service marks "Skunk Works" and the stylized "Skunk" in our Clarence L. "Kelly" Johnson Memorial Skunk Works Award.

Through the years, the Engineers' Council has presented numerous 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 the San Fernando Valley Engineers' Council Gala Honors & Awards Banquet are used to fund the Engineers' Council college scholarship programs, high school mentoring program, and middle-school math and science educational enrichment program.

**"The crew of the Shuttle Columbia did not return safely to Earth,
yet we can pray that all are safely home."**

President George W. Bush



The Engineers' Council dedicates this National Engineering Week Celebration to the memory of the STS-107 crew of Space Shuttle Columbia, and to their dream of continued human presence in space.

San Fernando Valley Engineers' Council
Northridge, California

48th Anniversary
Honors & Awards Gala Banquet
Saturday, February 22, 2003

Social Hour 5:00 p.m.

Welcome & Introductions Robert B. Tarn, FIAE, AIAA 6:00 p.m.

Presentation of Colors

Dinner

Keynote Speaker General Charles E. Yeager 7:00 p.m.

Presentation of Awards

R. L. "Ron" Rogers, AIAA

Roger L. Belt, SAWE, AIAA

Paul F. Landry

Closing

Special Presentation

Brigadier General Charles E. "Chuck" Yeager
International Aeronautical
Achievements Award 2003

by

Brigadier General Charles E. "Chuck" Yeager
USAF (Ret.)

to

Colonel Russell E. Schleeh
USAF (Ret.)



Colonel Russell E. Schleeh

**Brig. General Charles E. "Chuck" Yeager International Aeronautical
Achievements Award**

On October 14, 1947, General Yeager became the first man to fly faster than the speed of sound. He also became the first man to fly more than twice the speed of sound. He has flown 183 types of aircraft during his career and has more than 11,000 hours of flight time.

During World War II, General Yeager distinguished himself in aerial combat over France and Germany by shooting down 13 enemy aircraft. He was shot down over German-occupied France but managed to escape capture with the help of the French Maquis.

His subsequent assignments included test pilot of the Nation's first research rocket aircraft, Commander of the 417th Fighter Squadron, Commander of the First Fighter Squadron, Commandant of the Aerospace Research Pilot School, Commander of the 405th Fighter Wing when he flew 127 missions in South Vietnam, Commander of the 4th Tactical Fighter Wing in Korea during the Pueblo crisis, and Vice Commander of the Seventeenth Air Force after promotion to Brigadier General.

His military decorations and awards include The Distinguished Service Medal with one oak leaf cluster, The Silver Star with one oak leaf cluster, The Legion of Merit with one oak leaf cluster, The Distinguished Flying Cross with two oak leaf clusters, The Bronze Star Medal with "V" device, The Purple Heart, Distinguished Unit Citation Emblem with one oak leaf cluster, and the Air Force Outstanding Unit Award Ribbon.

Selection of recipients for this distinguished award reflect a lifetime career of dedication to the progress of aerospace technology.

Past Recipients

Brig. Gen. Charles E. "Chuck" Yeager, USAF 1987

Maj. Gen. Joe H. Engle, USAF 1988

Robert A. "Bob" Hoover 1989

Robert R. Sandusky Jr. FIAE 1991

Joseph T. Gallagher 1993

Edward C. "Pete" Aldridge Jr. 1994

Franklin Chang Diaz 1995

Jack Real 1996

David L. Ferguson 1997

Maj. Gen. Richard L. Engel, USAF 1998

Bruce Hinds 1999

Jon S. Beesley 2000

Lt. Gen. Thomas J. Keck, USAF 2001

Gen. John P. Jumper, USAF 2002

Engineer's Council Proudly Provides this Forum

For Special Recognition and Presentations during National Engineers' Week
By IEEE to their Members and Student Contest Honorees

2003 National Engineers Week Future City Competition Awards

The IEEE Award Winning Middle School Teams 7 & 8th Grades.
For the 2003 Los Angeles Regional Middle Schools Competition:
Awards Presenters: Gamward C. Quan of USC
& Carolyn R. Williams of The Gas Co.

The Second Place Team: South Pasadena Middle School

Team Members

MATTHEW MARVIN, CHASE DENHAM, JUSTIN ROBERTS

Instructor: EMILY WILLIAMS

Engineering Mentor: TRAVIS PERRY of LA Co. Dept. of Public Works & ASCE.ORG

The Third Place Team: Florence Nightingale Middle School

Team Members

WENDY CHEN, JACKSON DUY TRAN, PATRICIA ANN DURAN

Instructor: JOE YENOVKIAN

Engineering Mentor: LARRY DALTON of Los Angeles DWP & IEEE.ORG

Sponsored By: **THE GAS COMPANY,**

The San Fernando Valley Engineer's Council, and the Los Angeles Department of Water & Power.

2003 IEEE Distinguished Service Awards

Awards Presenters: **Dr. Ramin Roosta of CSUN, & Larry Dalton of LADWP**

Honorees

DAVID PETERS of NASA's Jet Propulsion Laboratory
Dr. CHARLES E. BARNES of NASA's Jet Propulsion Laboratory

CONGRATULATIONS TO THE 2003 IEEE FELLOWS!

For Achievements and Advancements in Electronics and Electrical Engineering
Awards Presenters: **Dr. Ramin Roosta of CSUN, & Larry Dalton of LADWP**

Dr. WAI-CHI FANG

NASA's Jet Propulsion Laboratory
For contributions to VLSI systems using neural-based methods.

Dr. GERARD G. MEDIONI

University of Southern California
For contributions to computer vision algorithms for
feature extraction, organization, and matching.

Sponsored By: IEEE Los Angeles Council, and the IEEE San Fernando Valley Section.

DISTINGUISHED ENGINEERING EDUCATOR OF THE YEAR AWARD 2003

Presented by

Dr. S.T. Mau

Dean, College of Engineering & Computer Science
California State University at Northridge
Northridge, CA

to

Dr. Nagwa Bekir, Ph.D.

Chair, Electrical and Computer Engineering
College of Engineering & Computer Science
California State University at Northridge
Northridge, CA



Dr. Nagwa Bekir, Ph.D.

OUTSTANDING ENGINEERING ACHIEVEMENT MERIT AWARDS 2003

*For outstanding qualities and meritorious achievements
within the field of engineering*

Presented in Alphabetical Order

Roland A. Behnke

Senior Manufacturing Consultant
Austin Programming Technology
West Hills, California

*"For leadership as Education Chairman of the Society of
Manufacturing Engineers Chapter 173"*

Eufracio Benavides

Senior Aeronautical Engineer
Lockheed Martin Aeronautics Company
Palmdale, California

*"For outstanding performance, as well as innovative technical
and programmatic system engineering solutions for the U2 program"*

Stephanie S. Blount

Engineer/Scientist
The Boeing Company
Canoga Park, California

"For significant contributions to the Airborne Laser program"

Kang Chang

Professor of Manufacturing Systems Engineering and Management
California State University Northridge
Northridge, California

*"Sustained and exemplary curricular and laboratory
developments in computer aided manufacturing and
computer integrated manufacturing"*

Nazaret Dermendjian

Assistant Professor
California State University Northridge
Northridge, California

*"For outstanding professional qualities and meritorious
achievements within the field of engineering"*

Dimitri S. Dimitri

President
Delta Tau Data Systems, Inc.
Chatsworth, California

*"Recognized as a world leader in leading edge
precision motion control"*

William E. Harrison

Sr. Aeronautical Engineer
Lockheed Martin Aeronautics Company
Palmdale, California

*"For expert dynamic analysis contributing to
successful development of new programs and
sustainment of existing programs"*

Paul Holder

Senior Staff System Engineer
Lockheed Martin Aeronautics Company
Palmdale, California

*"For innovative engineering accomplishments associated
with the improved F-117 Propulsion System repair
processes and multiple cost reduction initiatives"*

Stephen James

Associate Technical Fellow
Boeing Rocketdyne Propulsion & Power
Canoga Park, California

*"For creation of an international NDT certification
standard from European and American technical
requirements"*

Clifford Leong

Senior Systems Engineer
Northrop Grumman Integrated Systems
San Diego, California

*"For many years of increasingly challenging and
demanding responsibility in systems, mechanical, fluids,
and project engineering"*

OUTSTANDING ENGINEERING ACHIEVEMENT MERIT AWARDS 2003

Bruce McLain

Test Process Technical Lead
Boeing Rocketdyne Propulsion & Power
Stennis Space Center, Mississippi

*"For technical leadership to engine test programs
at Stennis Space Center"*

Tami Power

Staff System Engineer
Lockheed Martin Aeronautics Company
Palmdale, California

*"For significant contributions to the U-2 System
Engineering and Integration Team products and processes"*

Brian Quayle

Aeronautical Engineer
Lockheed Martin Aeronautics Company
Palmdale, California

*"For leading the evolution of a classified vehicle concept
to a viable aircraft design"*

Robert Ryan

Full Time Lecturer, Mechanical Engineering
California State University Northridge
Northridge, California

*"For leadership in designing, building, and teaching the
Mechanical Engineering Department instructional
laboratory courses"*

Theodore J. Schuldt

Avionics Engineer
Boeing Rocketdyne Propulsion & Power
Canoga Park, California

*"For outstanding performance in support of the SSME
Control System, including development of the Advanced
Health Management System"*

Douglas Shape

Staff Systems Engineer
Lockheed Martin Aeronautics Company
Palmdale, California

*"For achievements in defining aircraft phase inspection
intervals, and for 100% successful resolution of F-117
Propulsion System Deficiency Reports"*

Eric Underwood

Project Engineer
Lockheed Martin Aeronautics Company
Palmdale, California

*"For significant contributions to the U-2
Cockpit Upgrade Program"*

Louis K. Zeldin

Senior Principal Engineer
The Boeing Company
Canoga Park, California

*"For development, implementation, and alignment
procedures for the Airborne Laser Beam Transfer
Assembly"*

Special Presentation



Lt. Gen. Michael A. Hough

Clarence L. "Kelly" Johnson Memorial Skunk Works Award 2003

by

Frank Cappuccio

Vice President & General Manager, ADP
Lockheed Martin Aeronautics Company
Palmdale, California

to

Lt. Gen. Michael A. Hough

Deputy Commandant for Aviation
Headquarters
US Marine Corps

Clarence L. "Kelly" Johnson Memorial Skunk Works Award

Clarence L. "Kelly" Johnson's achievements over almost six decades captured every major aviation design award and made him an aerospace legend. These achievements go back to the 1930s, but he may be best known for organizing the Lockheed Skunk Works in 1943. It started as a small unit of engineering and production specialists to hurriedly create, build, and fly the World War II XP-80 jet prototype for the U.S. Air Force. It was the first of many of the world's most advanced aircraft to be produced by the Skunk Works under his leadership.

Kelly played a leading role in the design of more than forty aircraft including the P-38 Lightning, the Constellation transport, the P2V Neptune antisubmarine patrol plane, the record setting F-104 Starfighter, the U-2 reconnaissance aircraft, and the SR-71 Blackbird.

He received more than forty aircraft design and achievement awards and honors (several twice). Included are two Collier trophies, two Theodore von Karman Awards, the Wright Brothers Memorial Trophy, two Sylvanus Albert Reed Awards, and the Daniel Guggenheim Medal. In 1964, President Lyndon Johnson presented him with the nation's highest civilian honor, the Medal of Freedom. President Ronald Reagan honored Kelly Johnson with the National Security Medal in 1983 and the National Medal of Technology in 1988. Kelly was enshrined in the Aviation Hall of Fame in 1974.

The Clarence L. "Kelly" Johnson Memorial Skunk Works Award is established to honor and to perpetuate his qualities, accomplishments, and standards as a model of excellence to be aspired to by future generations of engineers pioneering progress of the future.

Past Recipients

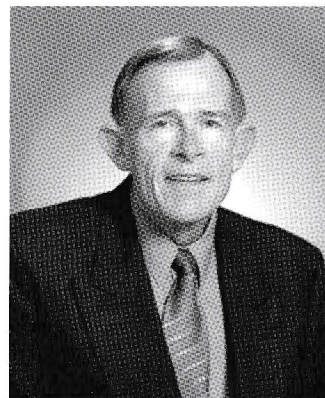
First Presentation was to Clarence L. "Kelly" Johnson (Posthumously)	
Accepted by his wife Nancy	1992
Lt. Gen. James A. Fain Jr., USAF	1993
Major Gen. Richard Scofield, USAF	1994
Ben R. Rich (Posthumously)	1995
Gen. Joseph W. Ralston	1996
Gen. Howell M. Estes III	1997
Lt. Gen. George K. Muellner	1998
Natalie W. Crawford	1999
Burt Rutan	2000
Sherman N. Mullin	2001
Lt. Gen. Bruce Carlson, USAF	2002

Lockheed Martin Aeronautics Company...

Proudly congratulates the
2003 Engineers' Council Award Winners.
These dedicated professionals,
through their creativity and determination
are meeting complex technological
challenges and making invaluable
contributions to the security, prosperity
and quality of our lives.



DISTINGUISHED ACHIEVEMENT AWARDS 2003



Distinguished Engineering Achievement

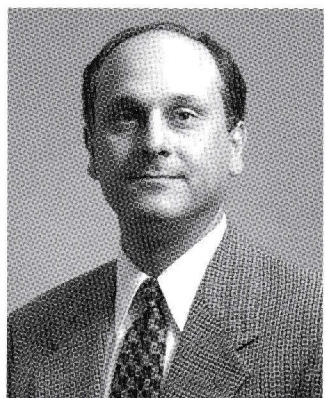
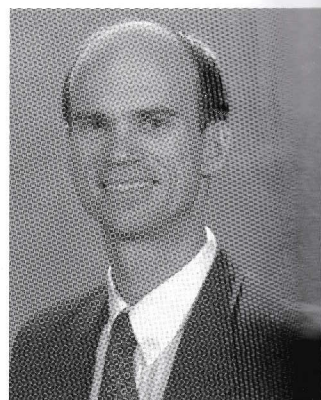
Richard Burton

Flight Test Manager
Lockheed Martin Aeronautics Company
Palmdale, California
For Successful test management of F/A-22 Flight Sciences Envelope Expansion Test Program

Distinguished Engineering Achievement

Vernon P. Gregoire

SLI Chief Engineer
The Boeing Company, Rocketdyne Propulsion & Power
Canoga Park, California
For successful integration of large-scale systems and Lean Enterprise principles, resulting in low-cost, rapid design cycles



Distinguished Engineering Achievement

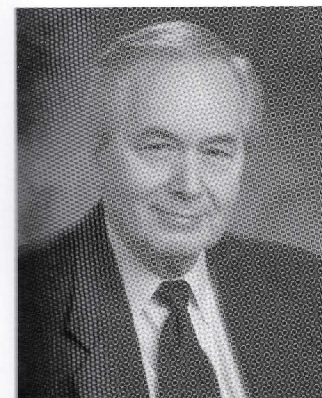
Sammy Kayali

Manager, Electronic Parts Engineering Office
Jet Propulsion Laboratory
Pasadena, California
For exceptional leadership to the Electronics Parts Engineering Office

Distinguished Engineering Achievement

Noboru "Nick" Kondo

Research Scientist
Northrop Grumman Navigation Systems Division
Woodland Hills, California
For outstanding engineering contribution to the field of navigation and to advances in strategic boost guidance technology



Distinguished Engineering Achievement

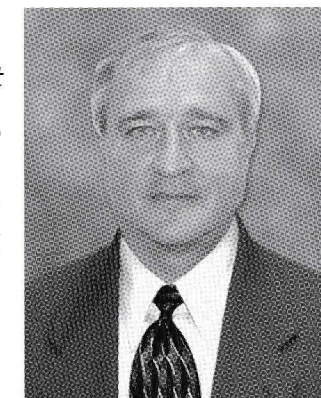
Jerome Lipman

Research Scientist
Northrop Grumman Navigation Systems Division
Woodland Hills, California
For outstanding engineering contribution in low noise navigation processing and its application to motion compensation of synthetic aperture radar

Distinguished Engineering Achievement

Jean Mercier

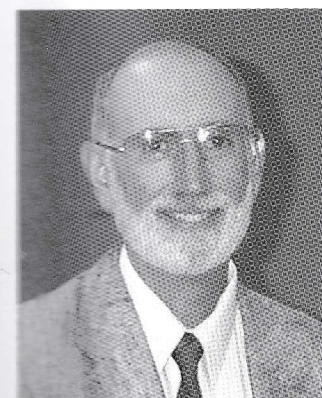
Director of Engineering, Unmanned Systems
Northrop Grumman Integrated Systems
San Diego, California
For career accomplishments and engineering leadership



Distinguished Engineering Educator

Dr. Phillip R. Rosenkrantz, P.E.

Professor, Industrial & Manufacturing Engineering
California State Polytechnic University
Pomona, California
For outstanding contributions to industry, education, advanced technology research, accreditation of the Baccalaureate in Manufacturing Engineering, and the Industry Advisory Council



Distinguished Engineering Achievement

Arthur H. Weiss

Program Manager
The Boeing Company, Rocketdyne Propulsion & Power
Canoga Park, California
For thirty years of experience in rocket engine systems development, project engineering, and program management



2002 AWARDS & PRESENTATIONS

Special Presentation

*William B. Johnson International
Inter-Professional
Founders Memorial Award*

by

Byron K. Wood
Vice President and General Manager
The Boeing Company - Rocketdyne Propulsion & Power
Canoga Park, California



John B. Plowden

to

John B. Plowden
Vice President and Deputy General Manager
The Boeing Company - Rocketdyne Propulsion & Power
Canoga Park, California

*William B. Johnson International Inter-Professional
Founders Memorial Award*

In 1955 Bill Johnson was one of the founders of the Engineers' Council, formerly San Fernando Valley Engineers' Council. Bill had an untiring commitment to form and build the Council into a unified and effective body representing all facets of the engineering and scientific community. His standards and professional aura were to emulate perfection and elegance.

He was laying the groundwork for the younger generation to participate and enjoy the future in leading and influencing the developing international engineering community. Bill was considered the backbone of the Council. He chose giving recognition to outstanding people as a means of providing a model of excellence.

The William B. Johnson International Inter-professional Founders Memorial Award was established by the San Fernando Valley Engineers' Council to perpetuate the image and memories of Bill - his leadership, methods, fortitude, standards, efforts, and achievements with compassion for others while focusing on bettering the engineering community. Selection of recipients for the memorial award reflect his image.

Past Recipients

First Presentation was to William B. Johnson in 1982.
No further presentations were made until 1990.

George J. Hallinan 1990	Dr. John J. Guarrera 1991	Lloyd W. Higginbotham 1992	Roland V. Roggero 1993
Norman Shaffier 1994	Alan R. "Al" Bjorklund 1995	Jack L. Ferrell 1996	Byron K. Wood 1997
Jim Albaugh 1998	Sherman Mullin 1999	James S. Paulsen 2000	Maynard L. "Joe" Stangeland 2001

**Rocketdyne
Propulsion & Power
Congratulates the
2003 Engineers'
Week Award Winners!**



DISTINGUISHED ENGINEERING PROJECT ACHIEVEMENT AWARDS 2003



Air Vehicle Subsystems Team

Lockheed Martin Aeronautics Company
Palmdale, California

Team Members

Robert Besedick	Brian Matheson
Scott Jones	Randolph McCall
Dan Klotz	John School

Accepting the Project Award:

Randolph McCall
Senior Systems Engineer

**X-47A Pegasus Flight & Mission System
Development, Integration & Flight Test Team**

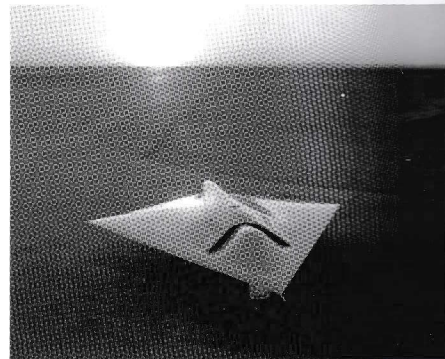
Northrop Grumman Integrated Systems
El Segundo, California

Team Members

Gary Boal	Pat Foster	Mike Sim
Prichiya Choontanom	Mark Gebert	George Sponberg
Dave Cunningham	Alan Hall	Jay Strange
Ed Danielson	Charlie Hughes	Steve Sullivan
Jim Dietz	Jess Irwin	Steve True
Brian Drake	Annie Nguyen	Joel Warner
Jim Evans	Ross Pierce	Pierre Wong
Jack Flynn	Bob Shinoda	Doug Wood

Accepting the Project Award:

Doug Wood
Integrated Product Team Leader



**Boeing Regional Association Network
for College Hires Leadership Team**

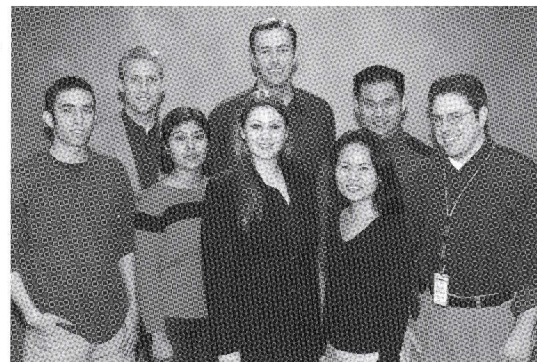
The Boeing Company
Rocketdyne Propulsion & Power
Canoga Park, California

Team Members

James R. Bartlett	Nancy M. Diaz	Neal E. Lepsetz
Ivan J. Chew	Brenda K. Johnson	Kevin A. Lohner
Elizabeth J. Connors	Richard J. Kim	Gene M. Sun
Joseph Consolo	Phany Kong	Bryan G. Zigler

Accepting the Project Award:

Brenda K. Johnson
Quality Specialist



DISTINGUISHED ENGINEERING PROJECT ACHIEVEMENT AWARDS 2003



**H-1 Helicopter Integrated Avionics Systems
Development Team**

Northrop Grumman Navigation Systems Division
Woodland Hills, California

Team Members

Phil Dimonte	Tor Kinsinger	Dennis Washington
Ron Ellerebe	Zyg Martynowicz	Paul Wu
Dwight Herr	Glenn Shulim	

Accepting the Project Award:

Dennis Washington
Integrated Systems Product Director

**Rocketdyne Software Process SEI Capability Maturity
Model Level 4 Achievement Team**

The Boeing Company
Rocketdyne Propulsion & Power
Canoga Park, California

Team Members

Levent E. Akbarut	Eugene L. Leonard	Mark A. Reynosa
Marcela Daguman	Phyllis R. Marbach	Robert R. Riley
Mark R. Kelly	Bonnie A. Nadell	John P. Shonafelt
	Alan D. Podmore	

Accepting the Project Award:

John P. Shonafelt
Manager, Software Development



Global Hawk System Safety and Reliability Team

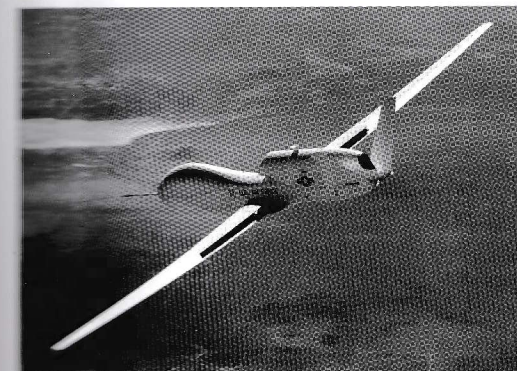
Northrop Grumman Integrated Systems
San Diego, California

Team Members

John Anders	Luis Gomes
John Capiro	Victor Mehta
Melen Capiro	Keith Mizell

Accepting the Project Award:

Keith Mizell
Lead Engineer



Special Presentation

*The Centennial of Powered Flight
Commemorative Award*

Presented to

**Edwards Air Force Base
California**

In recognition of the Centennial of the Conquest of Flight

*Honoring the courage of those
Who have given their best
And dedicated their lives
To defending our nation
And preserving our freedoms*

Receiving the Award
Major Gen. Doug Pearson, USAF
Commander
Edwards Air Force Base
California



Major Gen. Doug Pearson



Share information,
share victory

Northrop Grumman Integrated Systems and the Engineers' Council
Congratulates these Teams for their Accomplishments

GLOBAL HAWK

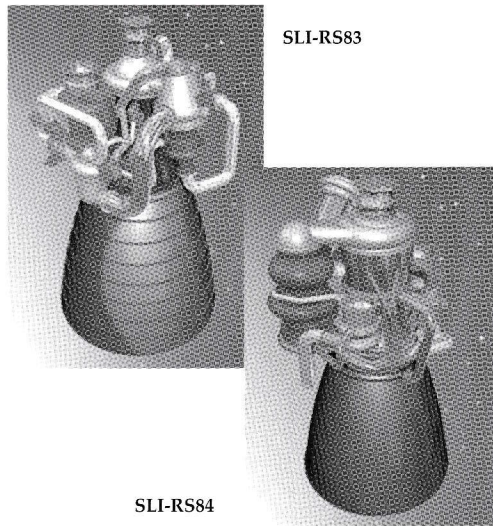
Systems Engineering
Risk Management Model and Database Development
System Safety and Reliability
Operation Enduring Freedom Team

PEGASUS DEVELOPMENT TEAM

B-2 SOFTWARE ENGINEERING INSTITUTE LEVEL 5 RATING

NORTHROP GRUMMAN DEFINING THE FUTURE™
Integrated Systems

DISTINGUISHED ENGINEERING PROJECT ACHIEVEMENT AWARDS 2003



SLI-RS83

SLI-RS84

Rocketdyne Space Launch Initiative Program Team

The Boeing Company
Rocketdyne Propulsion & Power
Canoga Park, California

Team Members

Roger E. Berenson
Roger L. Campbell
Wesley D. Goodin
Vernon P. Gregoire

Stephen A. Hobart
Kenneth W. Hunt
Waldemar J. Janowski
Michael C. Krene

Brian H. Shinguchi
Eric M. Stangeland
Jussi O. Vilja
Jon C. Volkmann

Accepting the Project Award:

Jussi O. Vilja
Program Manager

Global Hawk Risk Management Model & Database Development Team

Northrop Grumman Integrated Systems
San Diego, California

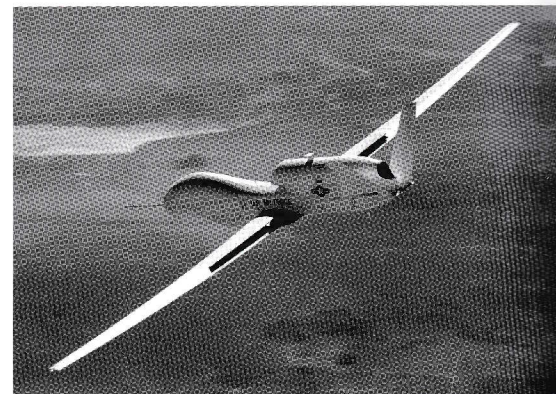
Team Members

Frederick Fowler

Bob Lane

Accepting the Project Award:

Bob Lane
Digital Environment Lead Engineer



Peroxide Propellants Catalyst Development Team

The Boeing Company
Rocketdyne Propulsion & Power
Canoga Park, California

Team Members

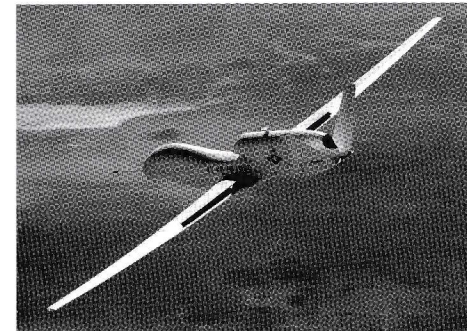
Timothy J. Hosking
Kevin A. Lohner
Jeffrey A. Mays

Dr. Kathleen M. Sevener
John G. Somerville
Daniel L. Wisner

Accepting the Project Award:

Dr. Kathleen M. Sevener
Engineer/Scientist

DISTINGUISHED ENGINEERING PROJECT ACHIEVEMENT AWARDS 2003



Global Hawk Operation Enduring Freedom Team

Northrop Grumman Integrated Systems
San Diego, California

Team Members

Dave Baldwin
Terry Barefoot
Tom Bates
Ron Bleyle
Lance Boyd
Harry Bruner
Pake Chin
James Coates
Terry Collins
Vern Corea
Ron Defranco
Mymy Dou
Wes Dreyer
Dan Eizak
Bob Ettinger
Les Forare

Mike Fullen
June Gardner
Chuck Gardner
Maurina Geilman
Abel Guerra
Rich Gunderson
Steve Harris
Gregg Hedlund
Lt. Col. Kerry Hicks
Dick Hohol
Alden Holmes
Gil Inzunza
Rudy Jaseniuk
Jay Jolly
Vince Kelley
Dan Kiefer

Irwin Lawson
Pete Lekas
Bill Letwin
Dave Lindo
John Liu
Eric Lutz
Dick Maher
Russell Mangerie
Capt. Michael Meyers
Court Mongrain
Pat Morris
Tom Morton
Don Murray
Chuck Netherland
Jerry Owen
Gary Owen

Mo Pourmond
Alfredo Ramirez
Capt. Eric Roome
Dean Rote
Bill Savage
Bob Schmidt
Hank Silva
Phil Stern
Pat Thibodeau
Scott Uran
Bart Wilson
John Winklareth
Steve Wood
Russ Wright
Gary Yamashita

Accepting the Project Award:

Alfredo Ramirez
Chief Engineer

Boost Phase Interceptor Experiment Team

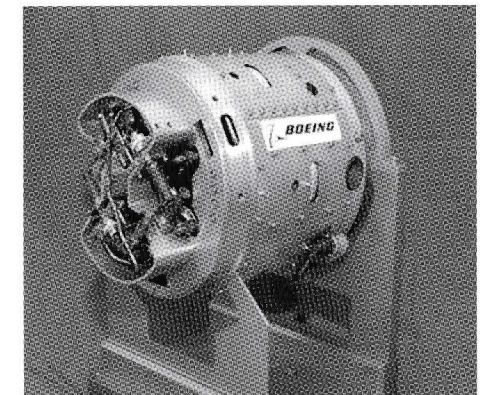
The Boeing Company
Rocketdyne Propulsion & Power
Canoga Park, California

Team Members

William R. Anderson
Victor A. Armijo
Irene Aronoff
William S. Brown
Lisa T. Cravotta

Thomas J. Cushna
Hany F. Erian
Hani L. Guirguis
Edward M. Kern
Kenneth J. Mellinger

Alfons Menanno
Bruce K. Nixon
Dennis Quan
Thomas M. Walczuk
Lianhua Wang



Accepting the Project Award:

Thomas J. Cushna
Project Manager

DISTINGUISHED ENGINEERING PROJECT ACHIEVEMENT AWARDS 2003



**Air Combat Systems SEI Capability
Maturity Model Level 5 Achievement Team**

Northrop Grumman Integrated Systems
Oklahoma City, Oklahoma

Team Members

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Doug Boggie
Steve Bowie
Kathy Bradford
Ray Brez
Harold Childers
John Coy
Myrna Davidson
Dan Engstrom
Scott Fielden
Mike Freeman
Bill Freniere
Jim Garrett
Gretchen Givens
Vatche Gureghian
Tim Hayes

Darrell Henson
Ken Iverson
Bruce Jakway
Jim Klemp
Clyde Kluge
John Kraemer
Andy Loofbourrow
Tom McCloud
Dave Moore
Ron Naylor
Warren Nolan
Rick Owens
Robert Park
Larry Peace
Tom Perillo
Robbie Robertson

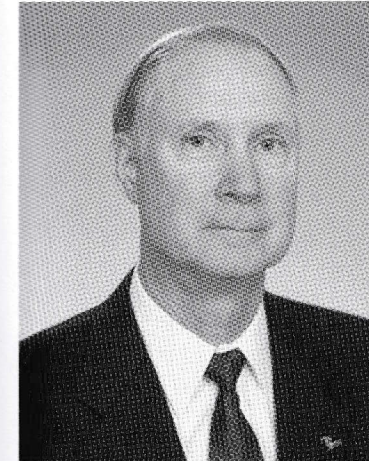
Lane Schmidt
Joe Shearer
Bill Short
Jim Smith
Randy Smith
Byron Smith
Mark Stemple
Dan Thiel
Debi Tokarczyk
George Vana
Amy Walker
Bob Ward
Syd Willett
Jerry Womack

Accepting the Project Award:

Dave Moore
B2 Software Manager

ENGINEER OF THE YEAR AWARD 2003
and
PETER RECCHIA OMNI MEMORIAL AWARD 2003

Presented by the 2002 Award Recipient



E.R. "Ed" Glasgow

Maynard L. "Joe" Stangeland
Chief Designer
The Boeing Company, Rocketdyne Propulsion & Power
Canoga Park, California

to

E.R. "Ed" Glasgow
Technical Vice President for ADP
Lockheed Martin Aeronautics Company
Palmdale, California

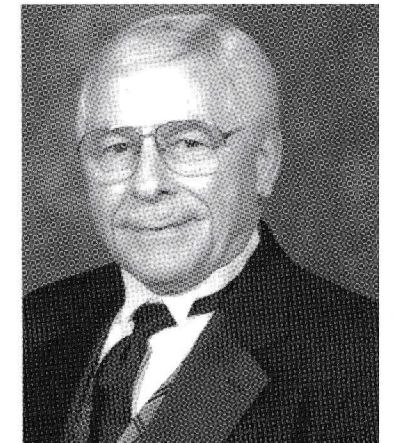
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Northrop Grumman Navigation Systems Division
Woodland Hills, California

to

Maynard L. "Joe" Stangeland
Chief Designer
The Boeing Company, Rocketdyne Propulsion & Power
Canoga Park, California



Maynard L. "Joe" Stangeland

The Recchia Omni Memorial Award

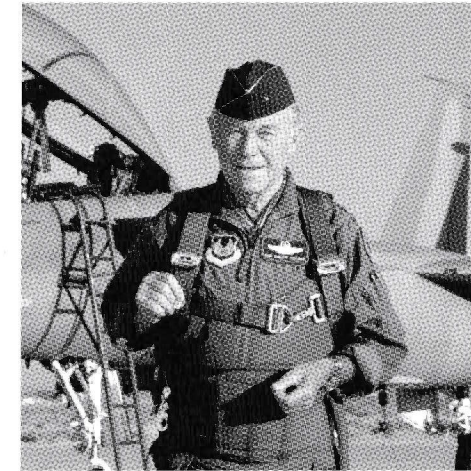
The movies have their Oscars, the television industry has its Emmy, and the Engineers' Council presents, for the thirtieth time, its Engineering Omni Award. This award was first presented in 1973 to the Engineer of the Year, San Fernando Valley. Since then, each succeeding Engineer of the Year has been awarded this beautiful, original trophy conceived, designed, and produced by Peter Recchia, PE, SME, AIIE. Mr. Recchia was a dedicated supporter of the engineering community and when he passed away, the Omni Award was renamed in his honor, "The Recchia Omni Memorial Award."

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 1962 Paul R. Vogt, Rocketdyne Div., Rockwell International
 1963 George T. Harness, San Fernando Valley State College
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 1977 Lon L. Sanders, ITT Gilfillan
 1978 Norman J. Ryker, Rockwell International
 1979 Donald C. Tillman, City of Los Angeles
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 2001 Dr. Charles Volk, Vice President Engineering, Litton Guidance & Control Systems, Woodland Hills, CA
 2002 Maynard L. "Joe" Stangeland, Chief Designer, Boeing Rocketdyne Propulsion & Power, Canoga Park, CA

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*The Engineers' Council thanks
 Lloyd W. Higginbotham, immediate past
 president, for his many years of service to the
 San Fernando Valley Engineers' Council and for
 his nine years of dedicated service as President.
 Please join us in wishing Lloyd and Mary all
 the best in their future endeavors.*

MATHCOUNTS 2003

MATHCOUNTS is a National Mathematics Competition sponsored by the National Society of Professional Engineers. The competition is for students from the seventh and eighth grades. A school sends a team of four students and as many as four alternates to the local competition. The team coach is a teacher-volunteer from that school. Mathcounts is an extra-curricular activity for the students and the coach. Study guides and teaching materials are provided to participating schools by the National Society of Professional Engineers.

The team winning the local competition participates in the state competition. A team of very bright students, from individuals competing in the state competition are chosen to represent the state in the national competition in Washington, D.C. This is the fourteenth year for the NSPE MATHCOUNTS PROGRAM.

Local MATHCOUNTS competition is supported by the San Fernando Valley Chapter of the National Society of Professional Engineers (NSPE). Support at the State and National level for the NSPE MATHCOUNTS competition is by major corporations and local business.

**THE ENGINEERS' COUNCIL, WOODLAND HILLS,
CALIFORNIA RECOGNIZES AND CONGRATULATES THE
AWARD WINNERS IN THE 2003 COMPETITION.**

CALIFORNIA STATE UNIVERSITY NORTHRIDGE
COLLEGE OF ENGINEERING AND COMPUTER SCIENCE

Congratulations!

2003 ENGINEERS' WEEK AWARDEES

**San Fernando Valley
Engineers' Council**

NORTHRIDGE, CALIFORNIA

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