



PHOTO BY TONY ROMERO

Boeing's reputation for technical excellence increases every year. In 2007, many Boeing employees were recognized by their peers in engineering groups, professional

**Hispanic Engineer National Achievement Award winners
Maria Caldwell and Joseph Gallego.**

associations, and learned societies for outstanding work in a variety of fields. The Boeing Company can be proud of its technical breadth and cultural diversity, says John Tracy, senior vice president of Engineering, Operations & Technology. The strong emphasis put on personal and professional achievement and excellence permeates the global enterprise. The diverse award winners for 2007 listed here represent the future of Boeing technology leadership.

American Institute of Aeronautics and Astronautics

- Kevin Leath – Associate Fellow
- Ted E. Goetz – Associate Fellow
- Tim W. Propp – Associate Fellow (retired)
- William J. Bezdek – Associate Fellow
- Mathew L. Rueger – Associate Fellow
- Eugene H. Kopp – Associate Fellow (retired)
- Ying Teng – Associate Fellow
- Timothy Bressler – Associate Fellow
- Paul J. Moorehead – Associate Fellow (retired)
- Russell J. Enns – Associate Fellow
- Michael Mohaghegh – Sustained Services Award
- Frederick Roos – Sustained Services Award
- Peter Y. Cheng – 1st Place Membership Award (Large Category)
- Kumar Bhatia – Fellow
- Rick Stephens – Fellow
- David G. Miller – de Florez Award for Flight Simulation

Asian American Corporate Achievement Award

- Jason Hatakeyama – Asian American Engineer of the Year
- Joan Wada – Asian American Engineer of the Year

American Helicopter Society

- Manned/Unmanned Common Architecture Program Team – Grover E. Bell Award

American Indian Science and Engineering Society

- Gary M. Bishop – Executive Excellence Award

American Society of Civil Engineers

- Edward L. Gervais – Robert Horonjeff Award for Outstanding Achievement in Air Transportation Engineering

American Society of Engineers of Indian Origin

- Arun Ayyagari – Engineering Excellence Overall Winner
- Purvi Bodawala – Woman Engineer Overall Winner
- Puja Gupta – Young Engineer Recognition
- Naveed Hussain – Outstanding Achievement Overall Winner
- Paul Sikand – Service Excellence Recognition

American Society for Quality

- C-17 Globemaster Stuffed Tailcone Team – Gold winner in International Team Excellence Competition
- C-17 Globemaster OBI/GGS II Team – Silver winner in International Team Excellence Competition
- C-17 Globemaster Integration Team – Silver winner in International Team Excellence Competition

Black Engineer of the Year

- Joan Robinson-Berry – Career Achievement in Industry
- James Bell – Most Influential Blacks in Business & Technology
- Norma Clayton – Most Influential Blacks in Business & Technology

Sam Jenkins – Most Influential Blacks in Business & Technology

- Jim Wigfall – Most Influential Blacks in Business & Technology
- Darrell Warner – Most Influential Blacks in Business & Technology
- Regina Austin – Modern Day Technology Leadership Winner
- Kaiana Carter – Modern Day Technology Leadership Winner
- Patrick Cazeau – Modern Day Technology Leadership Winner
- Charles Coleman – Modern Day Technology Leadership Winner
- Jarrett Datcher – Modern Day Technology Leadership Winner
- Wanda Davis – Modern Day Technology Leadership Winner
- Ronald Gayfield – Modern Day Technology Leadership Winner
- Janet Makori – Modern Day Technology Leadership Winner
- Latronia Ryan – Modern Day Technology Leadership Winner
- Carla Williams – Modern Day Technology Leadership Winner
- Dorothy Williams – 2007 Special Recognition

Career Communications Group

- The Boeing Company – No. 1 in top supporters of black engineering schools for 2007

Hispanic Engineer National Achievement Awards Conference

- Blanca Padilla – Role Model of the week
- Joseph Gallegos – Information Technology, Hardware Award
- Maria Cardwell – Luminary Award

Information Resources Management Association

- Medhi Ghods – Fellow

Institute of Electrical and Electronics Engineers (IEEE)

- IEEE Spectrum magazine (February 2007 edition)
- The Boeing Company – No. 1 in U.S. patents in aerospace, defense industry

International Federation of Automatic Control

- Kevin Wise – American Automatic Control Council Control Engineering Practice Award

Institute of Industrial Engineers

- Susan Chandy – E-Week New Faces of Engineering 2007
- Dwight Miller – Society for Engineering & Management Systems Management Award

National Society of Black Engineers

- Sandra Jeffcoat – Golden Torch Award for Lifetime Achievement

Organization of Chinese Americans

- Dev Banerjee – Asian American Corporate Achievement Award

Precision Strike Association

- The Small Diameter Bomb industry team – 2007 William J. Perry Award

Royal Aeronautical Society

- Fellowship
- Nannette Bouchard
- Marlin Dailey
- Pat Finneran
- Atul Jain
- Dinesh Keskar
- Roger A. Krone
- James Leonard
- John Lockard
- Dennis O'Donoghue
- Philippe Spalart

Society for the Advancement of Material and Process Engineering

- Jayant Patel – SAMPE Fellow

Society of Automotive Engineers

- Jayant Patel – SAE Fellow and Forrest McFarland Award
- Cindy Chou – SAE International's Rumbaugh Outstanding Student Leader Award
- John DeRosia – Bill Agnew Award for Outstanding A World in Motion (AWIM) Volunteer
- Gordon L. Allen – 2007 Thomas H. Speller Award
- Dr. Branko Sarh – 2007 Forest R. McFarland Award

SAE International AeroTech 2007

- Joy Cassidy – 2006 SAE Engineering Meetings Board Outstanding Oral Presentation
- Susan Larson – 2006 SAE Engineering Meetings Board Outstanding Oral Presentation
- Ishaque S. Mehdi – 2006 Aerospace Chair Award
- Christopher M. Severns – Charles M. Manly Memorial Medal, 2006 Recipient
- Nikhilesh Sheth – 2006 SAE Technical Standards Board Outstanding Contribution Award
- Sharanpal (Paul) S. Sikand – Marvin Whitlock Award, 2006 Recipient
- Robert J. Manelski – Marvin Whitlock Award, 2005 Recipient
- Mark D. Scott – 2005 SAE Technical Standards Board Outstanding Contribution Award
- Nikhilesh Sheth – Franklin W. Kolk Air Transportation Progress Award, 2005 Recipient
- Matt Travis – 2005 Arch T. Colwell Merit Award

Society of Hispanic Professional Engineers

- Erik M. Gutierrez – Promising Engineer Award

Society of Manufacturing Engineers

- Carolyn Corvi – 2006 Eli Whitney Productivity Award

Society of Experimental Test Pilots

- Doug Benjamin – Iven C. Kincheloe Award
- Joseph Felock – Iven C. Kincheloe Award

Society of Women Engineers

- Sandra L. Postel – Upward Mobility Award

Women in Aerospace

- Marlene Nelsen – Lifetime Achievement Award

Women of Color in Technology

- Judy Chen – Technical Innovation Award
- Gail Meredith – Special Recognition Award
- Denise Bolar – Technology All-Star
- Toni Brown – Technology All-Star
- Cynthia Cavalli – Technology All-Star
- Camillie Geiger – Technology All-Star
- Janice Greene – Technology All-Star
- Carol-Sue Hipsher – Technology All-Star
- Felicia Martin-Parham – Technology All-Star
- Anena Metoyer – Technology All-Star
- Marsha Morris – Technology All-Star
- Jen-Mei Shih – Technology All-Star
- Pamela Wall-Dover – Technology All-Star
- Li-Chen Chang – Technology Rising Star
- Nancy Diaz – Technology Rising Star
- Christine Goo – Technology Rising Star
- Shivaun Jones – Technology Rising Star
- Taniel Jones – Technology Rising Star
- Maida Lopez – Technology Rising Star
- Anita Ravi – Technology Rising Star
- Adenike Soyombo – Technology Rising Star
- Gina Yip – Technology Rising Star

Winners previously recognized by the Boeing Women of Color newsletter

Sandra Jeffcoat – Golden Torch Award for Lifetime Achievement (Society of Black Engineers)

Anne Kao – Research Leadership Award

Carolyn Nichols – Career Achievement Award

Barbara Wilson – Professional Achievement Award

PHOTO BY JUANITO HOLAÑEZ



Robert A. DiChiara receives an award from Martha Ries, vice president of Intellectual Property Management.

The top Boeing inventors for 2007 are "pioneers upon a new science and industry," says Martha Ries, vice president of Intellectual Property Management, echoing the sentiment of company founder Bill Boeing.

"In that tradition, our Boeing inventors stand as models of innovative accomplishment, as hallmarks of technical excellence," Ries says. "They provide the means for Boeing to exceed our customers' expectations through the delivery of products and services of unparalleled quality, efficiency and affordability."

Intellectual Property Management (IPM) – a crucial component of Engineering, Operations & Technology, which protects and leverages Boeing intellectual property – presents the annual Special Invention Awards in the Northwest, Midwest and

Southwest regions. In 2007, a total of 94 innovators were responsible for more than 25 newly patented inventions selected as winners from a pool of more than a thousand inventions.

The Special Invention Program offers monetary awards as well as recognition to Boeing employees who create and patent an invention.

Bob Krieger, who recently announced his retirement as Boeing chief technology officer and president of Phantom Works at the end of 2007, says it takes thousands of technologies and processes to design and build an airplane, weapon system, spacecraft, or networked system.

He told the Midwest group of winning inventors in St. Louis: "It's essential for Boeing to keep ahead of the competition in every one of these areas. I commend your creativity. You are defining the future of aerospace through innovation.

"All of these inventions bear the hallmark of creativity and innovation, the lifeblood of our company. Without such advances, we would become average, immobilized, and lose our leadership position in the world. By solving real problems and enabling our products and services to achieve extreme affordability and breakthrough performance, you are keeping us on the cutting edge, with technologies that will continue to change the way we live, work, and travel."

Midwest Region

Triple Purpose Lay-Up Tool

Dwight L. Engwall
John F. Costello

Methods and Apparatus for Testing and Diagnosis of Weapon Control Systems

Leonard James
William J. Ebert
Aaron L. Eggemeyer
Richard E. Meyer
Bobby J. Wilson

Route Search Planner and Sensor Scan Planner

Shirley N. Cheng
Ted L. Johnson
Michael G. Neff

Naturally Integrated Engineering Architecture

Monica M. Allen
James P. Hodge
Kyle I. Roberts
Kenneth H. Vaughan
Craig S. Warren
Michael A. Wirth

Systems and Methods for Performing Load Analysis

Scott W. Stevenson
Bruce D. Shimel
Dean H. Wette

iGPS

William J. Bencze
Robert W. Brumley

Clark E. Cohen
Barton G. Ferrell
Gregory M. Gutt
Brent M. Ledvina
Mark L. Psiaki
David A. Whelan

Intellibus

Robert L. Calkins
Philip J. Ellerbrock
Robert L. Grant
Chris Noll
Mark D. Rogers
Marshall Watts
Joseph P. Winkelmann

Northwest Region

Managing Changes in Aircraft Maintenance Data

Kurt J. Vandermolen

Overhead Lattice Support Structure

Phillip Bobzien
Robert Dowdell
Michael D. Jacoby

Aircraft Engine Thrust Mount

Kent W. Dunstan

System, Method, and Computer Program Product for Accessing Electronic Information

William J. Ahl
Joseph F. Floyd
Roger L. Guay
Stephen P. Miller
David A. Okrent
Binoy V. Varughese

Chevron/Segmented Exhaust Nozzles for Jet Engine Noise Reduction

Ronald L. Balzer
Leonard J. Hebert
Vinod G. Mengle

Side Loading Automated Closet

Jeffrey D. Farnsworth

Controlled Atmospheric Pressure Resin Infusion

Dennis J. Hanks
Robert D. Hawkins
Andrew E. Modin
Jack A. Woods

Mobile Platform Distributed Data Load Management System

David Allen
Bijan Honari
Bruce Pollock
Mary Ann T. Nakasone
John Sims

E-Fixture

Lee McNeil
Douglas Ostgaard
Ramanlal Patel

Aerospace Vehicle Yaw Generating Systems and Associated Methods

Henry Beaufreere
Jeff S. Harrigan

Method and Apparatus for Removing and Replacing Components of an Airplane

Tim George
Michael W. Sievers

Southwest Region

Method for Determining Attitude of an Object

Thomas P. Weismuller

High Speed Monolithic Microwave Integrated Circuit Quadrature Phase Shift Keying and Quadrature Amplitude Modulation Modulators

Remy O. Hiramoto
Kurt W. Loheit
Suzanne E. Richards

Isoelectronic Surfactant Suppression of Threading Dislocations in Metamorphic Epitaxial Layers, and Isoelectronic Surfactant Induced Sublattice Disorder in Optoelectronic Devices

Peter C. Colter
James H. Ermer
Christopher M. Fetzer
Richard R. King

Shielded System with a Housing Having a High Atomic Number Metal Coating Applied by Thermal Spray Technique

Edward J. Coker
Michael G. Prlina

Thermal Insulation System Employing Oxide Ceramic Matrix Composites

Robert A. DiChiara Jr.

Closed-Loop Wavefront Sensor Using Field Programmable Gate Array

Jean J. Dolne
Paul J. Menicucci
Harold B. Schall

Systems and Methods of Recording Events Onboard a Vehicle

Ralph S. Perez
Luigi P. Righi
Joseph F. Sunio
Mark A. Talbot

Hingeless Flapper Valve for Flow Control

John L. Bowers
Sham S. Hariram
Jayant D. Patel
Sharanpal S. Sikand

Systems and Methods for Refueling Spacecraft

Craig Christy

Rigid Insulation and Method of Producing Same

Vann Heng
Maryann Santos
Karrie A. Hinkle

Multijunction Photovoltaic Cell with Thin 1st (top) Subcell and Thick 2nd Subcell of Same or Similar Semiconductor Material Tunnel Junction Connecting Subcells

Richard R. King
David E. Joslin
Nasser H. Karam