

## Award Recipients

The title of **TECHNICAL FELLOW** is granted to Society members whose career-based accomplishments towards the goals and objectives of the vertical flight community constitute an outstanding technical achievement. Under award guidelines, up to four Fellows may be recognized in any single year.

1986 Philip Landi, Joseph Mallen, John Ward  
 1987 Dora D. Strother, Leonard M. (Jack) Horner  
 1988 William P. Brown, Lt. Gen Donald Pihl  
 1989 MG Ronald K. Andreson, Peter J. Arcidiacono, Peter Wright, Sr., Motoi Yoshiwaka  
 1990 Richard L. Ballard, Francis X. Caradonna, Norman B. Hirsh, Ray D. Leoni  
 1991 Dean C. Borgman, Armand L. Coppe, Bruno Lovera, Franklin D. Robinson, Sergei I. Sikorsky  
 1992 Bruce B. Blake, John (Jack) Diamond, Kenneth C. Mard, Dr. Michael P. Scully  
 1993 James Davis, Nicholas C. Kailos, Frederic H. Schmitz, John Schneider  
 1994 Troy M. Gaffey, Wesley L. Harris, Nicholas D. Lappos, Marat N. Tischenko  
 1995 Leo Dadone, Dr. John W. Leverton, James Satterwhite  
 1996 Carl O. Albrecht, Dr. Inderjit Chopra, Frank L. Jensen, C. Thomas Snyder  
 1997 Eugene Buckley, Stuart D. Dodge, Dr. William H. "Bud" Forster, Albert L. Winn  
 1998 Kenneth J. Kelley, Ren Pierpoint, Dr. Daniel P. Schrage, Robert Wiesner  
 1999 Dr. Akira Azuma, Richard S. Stansbury, Frank Tarzanin, Jr., Theodore E. Dumont  
 2000 Dr. Thomas Brooks, Charles J. Isabelle, Takeshi Makino, Dr. Hans Mark  
 2001 Prof. Norman D. Ham, Hidehiko Obayashi, Dr. Robert A. Ormiston, Terry D. Stinson  
 2002 Samuel R. Hurt, David L. Key, Dr. Sergei Mikheyev, Dr. William G. Warmbrodt  
 2003 Jean-Francois Bigay, William G. Bousman, Dr. Howard C. Curtiss, Jr., Dr. David A Peters  
 2004 Philip J. Dunford, Dr. Peretz P. Friedmann, Dr. Dewey H. Hodges, Bruce F. Kay  
 2005 David O. Adams, Dr. Richard L. Bennett, Dr. Gopal H. Gaonkar, Dr. Arvind Sinha  
 2006 Donald S. Antilla, Yoshiyuki Niwa, Dr. Wayne Johnson and Dr. Chee Tung  
 2007 MAJ GEN Anthony P. Fraser, Dr. J. Gordon Leishman, Dr. T. Kevin O'Brien, Dr. Mark Tischler  
 2008 Dr. Edward Smith, Dr. Michael S. Torok, Sandra Marie Hoff, Mark E. Dreier, Bernd Gmelin  
 2009 Dr. Robert F. Handschuh, Robert Moffitt, David Matuska, Robert Flemming  
 2010 Dr. Samuel T. Crews, Dr. Peter F. Lorber, Dr. Karen E. Jackson, Dr. David Haas, Thomas L. Wood  
 2011 Harold Rosenstein, James Howlett, Dr. Feridoun Farassat, David Popelka  
 2012 Prof. Lakshmi N. Sankar, Wayne R. Mantay, Martin Peryea, Robert Blackwell

2013 Prof. Farhan Gandhi, Kenneth Landis, Jimmy Charles Narramore, Prof. Omri Rand

The **GROVER E. BELL AWARD** is given for an outstanding research and experimentation contribution to the field of helicopter development brought to fruition during the preceding calendar year. The Grover E. Bell Award was created by Larry Bell, founder of Bell Aircraft (now Bell Helicopter Textron) in 1957, in honor of his pioneering older brother, Grover E. Bell, who was killed in an aircraft crash in 1913. Eligible contributions include sub-systems as well as systems. The award consists of a 3-inch gold medal bearing the profiles of Lawrence and Grover Bell, a certificate, and a \$250 honorarium.

1957 Kurt H. Hohenemser  
 1958 Leon L. Douglas  
 1959 Igor I. Sikorsky  
 1960 U.S. Army Aviation School, Ft. Rucker  
 1961 Sikorsky Aircraft, Engineering Team  
 1962 U.S. Army Aviation Center, Ft. Rucker  
 1963 U.S. Army 11th Air Assault Division, Ft. Benning  
 1964 No award presented  
 1965 Paul J. Carpenter  
 1966 U.S. Air Force Air Rescue & Recovery Service  
 1967 Edwin J. Ducayet & Bell's HUEY/COBRA Team  
 1968 Sikorsky Aircraft, Flying Crane Concept  
 1969 AVLABS  
 1970 Sikorsky Aircraft, S-67 Black Hawk  
 1971 Boeing Vertol, Model 347 Team & Hughes Tool, Engineering Team  
 1972 Jan M. Drees  
 1973 No award presented  
 1974 No award presented  
 1975 Thomas H. Sanders  
 1976 Sikorsky Aircraft, ABC Concept  
 1977 U.S. Army Avn. Eng. Flight Activity  
 1978 Hughes Helicopters, AH-64 Tech. Team & Sikorsky Aircraft, UH-60 Tech Team  
 1979 Wesley L. Cresap  
 1980 No award presented  
 1981 XV-15 Project Team  
 1982 Dr. Wayne R. Johnson  
 1983 Boeing Vertol Simulation Lab  
 1984 U.S. Army ATL, Ft. Eustis  
 1985 Army Applied Technology Laboratories/Sikorsky Aircraft ACAP Team  
 1986 Franklin D. Harris, Bell Helicopter Textron  
 1987 Boeing Vertol Company, U.S. Army Applied Technology Directorate  
 1988 Sikorsky Aircraft, UTC Systems Technology, Inc.  
 1989 Sikorsky Aircraft UTC (Shadow) Team  
 1990 No award presented  
 1991 Bell Helicopter Textron 4BW Team  
 1992 George T. Singley, III and the U.S. Army Rotocraft Centers of Excellence:  
     Georgia Institute of Technology,  
     University of Maryland,  
     Rensselaer Polytechnic Institute  
 1993 NASA Full Scale Aerodynamics Complex

1994 NASA Full Scale Aerodynamics Complex  
 1995 U.S. Army Aeroflightdynamics Directorate & NASA Ames UH-60 Airloads Program  
 1996 Bell Helicopter Ducted Tail Rotor Team  
 1997 U.S. Army/McDonnell Douglas Helicopter Systems Longbow Apache Team  
 1998 Rotorcraft Industry Technology Association Health and Usage Monitoring System Team  
 1999 Tiltrotor Aero-Acoustical Model Team  
 2000 Rotorcraft Pilot's Associate Team  
 2001 Bell Helicopter Textron Inc. NASA, U.S. Army Multipoint Adaptive Vibration Suppression Systems Team  
 2002 University of Maryland Alfred Gessow Rotorcraft Center  
 2003 National Research Council of Canada Flight Research Laboratory  
 2004 MV22 Integrated Test Team  
 2005 The Boeing Company Unmanned Little Bird Team  
 2006 Dr. Valentin Kloeppel  
 2007 Manned/Unmanned Common Architecture Program, Phase II, (MCAP II) Team  
 2008 U.S. Army/NASA/Sikorsky UH-60M Upgrade Flight Control Team  
 2009 US Air Force/Arnold Engineering Development Center/National Full-Scale Aerodynamics Complex Team  
 2010 3D-LZ Team  
 2011 UH-60 Airloads Wind Tunnel Test Team  
 2012 Apache Block III Technology Development Team  
 2013 AMRDEC/NASA/PM Armed Scout Helicopter/Bell Aerodynamics Improvement Team

Since 1961, the **FREDERICK L. FEINBERG AWARD** has been presented to the helicopter pilot or pilots of a vertical flight aircraft who accomplished the most outstanding achievement in the preceding year. It honors the memory of an outstanding helicopter test pilot and an exemplary man. The award consists of a stipend (\$200), the engraving of the recipient's name on a plaque, and an individual plaque. This award honors the memory of an outstanding helicopter test pilot and an exemplary person.

1960 MAJ William G. Davis, USA & CPT Walter J. Hodgson, USAF  
 1961 Link Lockett  
 1962 LTC F. M. Carney, USAF  
 1963 LT Robert W. Grafton, USN & CPT Louis K. Keck, USMC  
 1964 Winford Alan Newton  
 1965 COL George P. Seneff, USA  
 1966 Delford M. Smith  
 1967 Robert G. Ferry  
 1968 CPT Jerome R. Daly, USA  
 1969 Ronald L. Diggins  
 1970 1st LT Joseph P. Donovan, USMC  
 1971 Louis M. Hartwig  
 1972 LCDR Paul R. Lewis, USCG  
 1973 Henry Whitfield  
 1974 Azel J. Hutto, Jr.  
 1975 MAJ Eugene L. Richardson, USA  
 1976 LCDR Joseph L. Crowe, Jr., USCG

1977 Ramon J. A. Gibson  
 1978 LT James D. Stiles  
 1979 Walter J. Hodgson (posthumously)  
 1980 Dorman A. Cannon & Ronald G. Erhart  
 1981 LT John P. Currier, USCG  
 1982 CPT Stephen Kee & CWO George Chrest, USA  
 1983 John J. Shapley  
 1984 MAJ Edward C. Traasdahl, USMC  
 1985 COL Robert L. Stewart, USA  
 1986 John S. Tulloch & A. Lynn Freisner  
 1987 U.S. World Helicopter Championship Team  
 1988 Charles A. Parlier & W. Edward Wilson  
 1989 Nicholas Lappos  
 1990 LT David R. McCormick, USCG  
 1991 U.S. Army B Co., 4th Battalion, 25th Aviation Regiment  
 1992 U.S. Marine Corps HMH 461  
 1993 Leo Meslin & Dwayne Williams  
 1994 U.S. Coast Guard Crew of HH-60J CG 6008  
 1995 Ray Eche, Doug Pense & Dave Wright, Era Aviation  
 1996 Jon S. Dickens  
 1997 No award presented  
 1998 The Pilot Staff of the RAH-66 Comanche Combined Test Team  
 1999 Bell, Boeing, NAWCAD V-22 Tiltrotor Pilot Staff  
 2000 The NRTC/FAA/Industry DGPS Rotorcraft Precision Terminal Procedures Program  
 2001 The U.S. Coast Guard Seabreeze I Rescue Aircrews, North Carolina  
 2002 U.S. Marine Corps 15th & 26th Marine Expeditionary Units, Camp Rhino Insertion Aircrews  
 2003 Republic of China Air Force Super Blue Hawk S-70) Rescue Crews  
 2004 Roy Hopkins II  
 2005 Capt. Ryan Welch, U.S. Army & CW2 Justin Taylor, U.S. Army  
 2006 U.S. Navy Blackhawks Squadron, HM-15  
 2007 Aircrew of Dustoff 57 – Operation Mountain Lion  
 2008 Jennifer Murray and Colin Bodill  
 2009 Crew of Coast Guard Rescue Helicopter CGNR  
 2010 Roy Hopkins and Jeffrey S. Greenwood  
 2011 Kevin Bredenbeck, X2 Technology Demonstrator  
 2012 Lt Scott F. Chirgwin, USN  
 2013 No Award

The **AGUSTAWESTLAND INTERNATIONAL HELICOPTER FELLOWSHIP AWARD** is given for significant contributions to international vertical flight cooperation. Established in 1989, the award honors the memory of Paolo Bellavita, whose career at Gruppo Agusta was marked by his dedication to furthering international cooperation in the world of vertical flight. The honoree receives a scale replica of the award, a statue of Pegasus.

1989 John F. Zugschwert  
 1990 Ian C. Cheeseman  
 1991 James Erickson, John J. Shapley, Robert Weaver and FAA Rotorcraft Directorate Regulations Group  
 1992 Marat Tischenko  
 1993 Sergei I. Sikorsky

1994 U.S. Army Aeroflightdynamics Directorate  
 1995 International Individual Blade Control Program  
 1996 Higher-Harmonic Control Aeroacoustic Rotor Test Program Team  
 1997 Helmut Huber  
 1998 Barney O'Shea  
 1999 Somen Chowdhury  
 2000 The S-92 International Development Team  
 2001 International WAH-64 Apache Team  
 2002 The Singapore Apache Team  
 2003 NASA/Sikorsky/U.S. Army/ZFL Army UH-60 Black Hawk Individual Blade Control Team  
 2004 No Award  
 2005 The Sikorsky/Canada National Research Council Fly-by-Wire Research Team  
 2006 The Boeing/CIRA (Italian Aerospace Research Center) Team  
 2007 The Bell/Agusta 609 Civil Tiltrotor Team  
 2008 Dr. Pietro Alli, AgustaWestland  
 2009 Sikorsky/PZL Mielec International Rotorcraft Capability  
 2010 International Helicopter Safety Team  
 2011 Bell 429 Certification Team  
 2012 HART II International Workshop Team  
 2013 Sikorsky / TATA S-92 Cabin International Transition Team

1990 Bell-Boeing and NAVAIR V-22 Team  
 1991 MG Harold W. Blot, USMC  
 1992 Charles W. Ellis (posthumously) and Stanley Martin Jr.  
 1993 No award presented  
 1994 Dr. Richard M. Carlson  
 1995 Sikorsky Aircraft Cypher Unmanned Vehicle Program Team  
 1996 Harold R. Alexander  
 1997 John Sprague  
 1998 David H. Snyder  
 1999 Allen H. Schoen  
 2000 Dr. James A. Franklin  
 2001 Michael A. McVeigh  
 2002 MG Michael A. Hough, USMC  
 2003 Harold J. Rosenstein  
 2004 Paul M. Bevilaqua  
 2005 Tommie L. Wood  
 2006 No Award Presented  
 2007 No Award Presented  
 2008 Dr. John Zuk (Posthumously)  
 2009 Philip J. Dunford  
 2010 No Award Presented  
 2011 No Award Presented  
 2012 Ross Menger  
 2013 Richard Spivey

The American Helicopter Society's **PAUL E. HAUETER AWARD** was instituted in 1966 and is given for an outstanding technical contribution to the field of vertical take-off and landing aircraft development other than a helicopter. The award honors an aeronautical engineer, devoted public servant, and AHS officer who was instrumental in fostering the early development of VTOL aircraft in the United States. The award consists of a large plaque on which is inscribed the name of each winner, and a plaque for the recipient.

The title of **HONORARY FELLOW** is granted to highly distinguished Society members who have made exceptional leadership, innovative or technical contributions that have significantly advanced the AHS and the vertical flight community during their career. The granting of Honorary Fellows is in perpetuity, and a certificate and life membership in the Society is given to each Honorary Fellow elected. No more than two such awards are given in any single year.

1966 LTV Aerospace Corp., XC-142A Tri-Service  
 1967 Hawker-Siddeley Aviation, Ltd.  
 1968 John P. Campbell  
 1969 Peter G. Kappus  
 1970 Grumman Aircraft  
 1971 LTG Keith B. McCutcheon, USMC  
 1972 Robert L. Lichten  
 1973 No award presented  
 1974 No award presented  
 1975 No award presented  
 1976 No award presented  
 1977 Mark W. Kelly  
 1978 Kenneth G. Wernecke  
 1979 LTG Thomas H. Miller, Jr., USMC  
 1980 Robert M. Williams  
 1981 NASA Ames 40' x 80' Wind Tunnel Staff  
 1982 McDonnell Douglas Corp.  
 1983 No award presented  
 1984 John P. Magee  
 1985 Gordon M. Lewis, Rolls-Royce Ltd.  
 1986 LTC Russel M. Stromberg, USMC  
 1987 William Quinlan  
 1988 Richard Stansbury  
 1989 Troy Gaffey

1944 COL H. Franklin Gregory, USAF & Igor I. Sikorsky  
 1945 CMDR Frank Erickson, USCG & Arthur M. Young  
 1946 Dr. Alexander Klemin  
 1947 Frank N. Piasecki  
 1948 Boris P. Labensky  
 1949 L. Welch Pogue & Clarence H. Belinn  
 1950 Stanley Hiller, Jr. & Charles H. Kaman  
 1951 BG Clayton C. Jerome  
 1952 Lawrence D. Bell & Bernard L. Whelan  
 1953 Kurt H. Hohenemser & Dimitry D. Viner  
 1954 Floyd Carlson  
 1955 Alton Flettner & CMDR William G. Knapp, USN  
 1956 Jackson E. Beighle & Freidrich L. Von Doblhoff  
 1957 Jean Ross Howard & S. Paul Johnston  
 1958 Rene H. Miller & COL Robert Williams, USA  
 1959 Carlyle C. Agar & BG William B. Bunker, USA  
 1960 John O. Emmerson & Igor I. Sikorsky  
 1961 Bartram Kelley & Clarence W. Moore  
 1962 LTG Hamilton H. Howze, US & Don Ryan Mockler  
 1963 Michael E. Gluhareff & Robert Strange  
 1964 Ralph P. Alex & Joseph Mashman  
 1965 Charles W. Kuehne & Herbert M. Toomey  
 1966 Dr. Robert G. Loewy & John P. Reeder  
 1967 Woodrow W. Cook & Ralph B. Lightfoot  
 1968 Dr. James A.J. Bennett & Charles M. Seibel

1969 Harvey Gaylord & Dr. Henry R. Velkoff  
 1970 Bernard Lindenbaum & Robert A. Wagner  
 1971 Charles W. Ellis, Charles L. Morris & Hans Weichsel, Jr.  
 1972 Edward Katzenberger & Dr. Gerhard Sissigh  
 1973 Robert R. Lynn & Robert J. Tapscott  
 1974 Dr. Richard Carlson & Dr. William P. Jones  
 1975 Harry T. Jensen & Rene Mouille  
 1976 Heinrich K. Adenstedt, Wayne Wiesner & Harry Lounsbury  
 1977 Edward S. Carter Jr., Richard L. Wernecke & Alfred L. Wolf  
 1978 Jan M. Drees & Dr. Alfred Gessow  
 1979 Leon L. Douglas & Evan A. Fradenburgh  
 1980 Charles C. Crawford Jr., Franklin D. Harris & Dr. W. Laurence LePage  
 1981 MG Story C. Stevens, USA & John B. Wheatley  
 1982 James F. Atkins & Wieslaw Z. Stepniewski  
 1983 William J. Crawford, III & Raymond W. Prouty  
 1984 Jack G. Real & Robert Zincone  
 1985 Kenneth Amer & Fred Smith  
 1986 David S. Jenney & Richard B. Lewis  
 1987 Paolo Bellavita & William Kuczynski  
 1988 Thomas L. House & Andrew W. Kerr  
 1989 Julian L. Jenkins Jr. & Andrew H. Logan  
 1990 W. Euan Hooper & Kenneth M. Rosen  
 1991 Walter G.O. Sonneborn & William W. Walls Jr.  
 1992 Dean E. Cooper & Barnes W. McCormick  
 1993 Dev Banerjee & Allen Schoen  
 1994 Dean C. Borgman, Emmett Knight & John Shaw  
 1995 Robert J. Huston & Gary P. Smith  
 1996 Robert D. Powell, Jr. & Dr. Jing Yen  
 1997 Webb F. Joiner & William J. Snyder  
 1998 Gary F. Rast & Dr. Andrew Z. Lemnios  
 1999 Marc Sheffler & Motoi Yoshiwaka  
 2000 George T. Singley, III & S. Michael Hudson  
 2001 Myron Michael Kawa, Jr. & Harry Pember  
 2002 Roger A. Krone & David J. Weller  
 2003 John R. Murphey & Akira Sato  
 2004 Dr. Tomoari Nagashima & Cecil Richardson  
 2005 Edwin W. Aiken & Somen Chowdhury  
 2006 Barry J. Baskett & Thomas E. Laux  
 2007 Michael D. Blake & Dr. E. Roberts Wood  
 2008 Dr. Inderjit Chopra & Roy G. Fox  
 2009 John M. Davis & Kenneth L. Lauk  
 2010 Larry Plaster  
 2011 Albert Winn, David Matuska & M.E. Rhett Flater  
 2012 Arthur Linden & Akira Azuma  
 2013 Robert Bossler & Nicholas Lappos

The **HOWARD HUGHES AWARD** is given for an outstanding improvement in fundamental helicopter technology brought to fruition during the preceding year. The award is intended to foster accomplishments in the basic science and technology disciplines of the vertical flight community, such as aerodynamics, dynamics, structures, propulsion, human factors, electronics, simulation, testing and systems integration. The award was established in 1977 by Hughes Helicopters to honor the memory of Howard Hughes and his pioneering accomplishments in aviation. It consists of a large silver

bowl engraved with the recipients name and accomplishment and an individual medal for each winner.

1978 John F. Ward  
 1979 Anton J. Landgrebe  
 1980 Leone U. Dadone  
 1981 Robert A. Ormiston  
 1982 Dr. Frederic H. Schmitz  
 1983 Dr. C. Eugene Hammond  
 1984 Tommie L. Wood & Donald L. Bloom  
 1985 Michael E. Tauber  
 1986 Dennis R. Halwes  
 1987 McDonnell Douglas NOTAR Team  
 1988 Boeing Helicopters 360 Team  
 1989 AHS/NASA Rotocraft Noise Reduction Team  
 1990 Alan E. Staple & Stephen P. King  
 1991 Dr. W. J. McCroskey  
 1992 Boeing-Sikorsky Fantail Team  
 1993 AATD D/NAPS Team  
 1994 U.S. Army Special Operations Helicopter Design & Development Team  
 1995 The Sikorsky Aircraft Advanced Growth Blade Team  
 1996 Advanced Technologies, Inc.  
 1997 U.S. Army/Boeing/Sikorsky Comanche Team  
 1998 The Japan OHX Engineering Team  
 1999 Dennis P. McGuire  
 2000 No award presented  
 2001 The Sikorsky/Honeywell S-76 Enhanced Ground Proximity Warning System Team  
 2002 The NASA Tiltrotor Aeroacoustic Code (TRAC) System Development Team  
 2003 The Sikorsky S-92 Flaw Tolerance Design & Test Team  
 2004 Higher Harmonic Control Aeroacoustic Rotor (HART II) Test & Analysis Team  
 2005 The Sikorsky Active Vibration Control Team  
 2006 Sikorsky Rotor Ice Protection System (RIPS) Development Team  
 2007 Army/NASA/Bell QTR Aeroelastic Test Team  
 2008 U.S. Army Network Centric Operations (NCO) Technology Development Team  
 2009 SMART Rotor Team  
 2010 AH-64D Apache Block II Development Team  
 2011 Sikorsky X2 Technology Demonstrator Team  
 2012 X3 Team Lead by Jean-Jacques Ferrier  
 2013 Active Ground Resonance Stability Augmentation Design & Test Team

Since 1986, the Society has given the **HARRY T. JENSEN AWARD** for an outstanding contribution to the improvement of vertical flight aircraft reliability, maintainability, and/or safety through improved design brought to fruition during the preceding year. Established by Sikorsky Aircraft, the award honors Harry Jensen's contributions to enhance helicopter qualification, structural reliability and safety.

1986 NAVAIR/Boeing Vertol Co. CH-46 Team  
 1987 Thomas Dixon  
 1988 Intelligent Fault Locator Team McDonnell Douglas Helicopter Co. & U.S. Army's ARTA's AATD  
 1989 Roy Fox

1990 James D. Cronkhite  
 1991 James W. Turnbow, Ph.D.  
 1992 Joseph P. Cribbins  
 1993 The Teams of Bristow Helicopters/Westland Helicopters Ltd./Helikopter Service A/S/Stewart Hughes Ltd.  
 1994 U.S. Army Aviation Technical Test Center  
 1995 Sikorsky Technical Support Services Team  
 1996 No award presented  
 1997 Sikorsky Cost Reduction Team  
 1998 The MH-47E Structural Usage Monitoring Systems Team  
 1999 Boeing Apache Longbow IETM Team  
 2000 Boeing-Mesa Longbow Integrated Maintenance Support System Team  
 2001 The NRTC/RITA Crash Safety & Navy Water Impact SBIR Team  
 2002 Cockpit Air Bag System Development Team  
 2003 NRTC/RITA & ARL-VTD Team for "Multi-Terrain Impact Safety"  
 2004 NRTC/RITA Damage Tolerance Technology Team  
 2005 The Sikorsky UH-60M Automatic Flight Control Team  
 2006 Joint Advanced Health and Usage Monitoring System Advanced Concept Technology Demonstration Team  
 2007 MDS-Prad Technologies Corp.  
 2008 ALERTS/Appareo Systems & Bristow Group  
 2010 Black Hawk Survivability Team  
 2011 Boeing Active Crash Protection System Development Team  
 2012 COL. Greg Masiello, USMC  
 2013 Apache AH-64E Composite Tailboom Development Team

Created in 1951 by industry pioneer Frank Piasecki, the **DR. ALEXANDER KLEMIN AWARD** is the highest honor the AHS bestows on an individual for notable achievement in advancing the field of vertical flight aeronautics. The award honors the memory of an eminent aeronautical engineer, educator, author, and outstanding pioneer in rotary wing aeronautics.

1951 Igor I. Sikorsky  
 1952 Louis Breguet  
 1953 Raoul Hafner  
 1954 Michael Gluhareff  
 1955 Bartram Kelley  
 1956 Charles H. Zimmerman  
 1957 CPT Wayne W. Eggert, USAF  
 1958 Friedrich L. Von Doblhoff  
 1959 Robert L. Lichten  
 1960 V. Keith Putnam  
 1961 Leon L. Douglas  
 1962 BG Robert R. Williams, USA  
 1963 Frederick B. Gustafson  
 1964 Dr. Kurt H. Hohenemser  
 1965 Elliot Daland  
 1966 Irvn H. Culver  
 1967 Dr. Anselm Franz  
 1968 Rene H. Miller

1969 LTG William B. Bunker, USA  
 1970 Charles Marchetti  
 1971 Robert A. Wagner  
 1972 Edward J. Ducayet  
 1973 Paul F. Yaggy  
 1974 Bernard Lindenbaum  
 1975 Edward Woll  
 1976 Kenneth B. Amer  
 1977 Ralph P. Alex  
 1978 William F. Paul  
 1979 Rene Mouille  
 1980 Frank N. Piasecki  
 1981 Charles Kaman  
 1982 Wayne Wiesner  
 1983 Robert R. Lynn  
 1984 Kenneth Grina  
 1985 Richard M. Carlson  
 1986 Jack G. Real  
 1987 Robert Zincone  
 1988 Charles W. Ellis  
 1989 Joseph Mallen  
 1990 Dr. Kurt Pfleiderer  
 1991 Stanley Hiller, Jr.  
 1992 Leonard M. (Jack) Horner  
 1993 Frank Robinson  
 1994 Dr. Kenneth M. Rosen  
 1995 Dr. Marat N. Tischenko  
 1996 Dr. Alfred Gessow  
 1997 William W. Walls  
 1998 Francois Legrand  
 1999 Troy Gaffey  
 2000 Raymond W. Prouty  
 2001 Dr. Peter G. Hamel  
 2002 Walter G. Sonneborn  
 2003 Dean C. Borgman  
 2004 John P. Magee  
 2005 C. Harry Parkinson  
 2006 Jean Jacques Philippe  
 2007 Andrew W. Kerr  
 2008 Abe Karem  
 2009 Prof. Inderjit Chopra  
 2010 Dr. Michael P. Scully  
 2011 Tom Wood  
 2012 Steve D. Weiner  
 2013 No Award

The **CAPTAIN WILLIAM J. KOSSLER, USCG AWARD**, established in 1951, is given for the greatest achievement in the practical application or operation of a vertical flight aircraft, the value of which has been demonstrated by actual service during the preceding calendar year. The award honors the memory of a US Coast Guard airman, aeronautical engineer, and early advocate of helicopters in search and rescue operations.

1951 COL Richard T. Knight, USAF  
 1952 LTC Jack Marinelli, USA  
 1953 LTC George W. Heering, USMC  
 1954 RADM Clarence E. Ekstrom, USN  
 1955 Carlisle C. Agar, Okanagan Helicopters

1956	Don R. Berlin; T.P. Gerrity, USAF; LTG James N. Gavin, USA, VADM A.C. Richmond, USCG; LTG C. F. Schilt, USMC; & RADM J.S. Russell, USN	2001	The South African Air Force Mozambique (Operation Lichi) Helicopter Aircrews
1957	Robert L. Suggs, Petroleum Helicopters	2002	U.S. Air Force 56th Rescue Squadron, Keflavik, Iceland HH-60G Pave Hawk Rescue
1958	USA Trans. Aircraft Test & Supply Activity	2003	U.S. Army 101st Regiment, 101st Airborne Div. Air Assault, Operation Anaconda (Afghanistan)
1959	New York Airways	2004	West Virginia Army National Guard, 146th Medical Co. (Air Ambulance) HH-60L Black Hawk Crew, Hamlin, West Virginia Flood Rescue
1960	LTC William A. Howell, USA & COL Victor A. Armstrong, USMC	2005	Norrlandsflyg S-76 SAR Helicopter Crew, Lifeguard 996, Baltic Sea Rescue
1961	56th Medical Platoon, USA, Ft. Bragg & 57 <sup>th</sup> Medical Platoon, USA, Ft. Meade	2006	Army National Guard Aviation, Hurricanes Katrina and Rita
1962	USAF Air Rescue Svc., Scott AFB	2007	Hong Kong Government Flying Service (GFS)
1963	USA Tactical Mobilization Requirement Board, Ft. Bragg	2008	U.S. Coast Guard HH-60J Jayhawk Air Station Astoria (Oregon) Team
1964	BG John Tolson, USA Helicopter Units, Vietnam	2009	Marine Medium Tiltrotor Squadron 162 (VMM-162), Anbar Province, Iraq
1965	Persons Participating in NW US Rescue 12/64	2010	U.S. Coast Guard Air Station Kodiak MH-60J Jayhawk Aircrew
1966	MG Harry W. O. Kinnard 1st Air Cav. Div., USA	2011	Bravo Company 1-52 <sup>nd</sup> Aviation Regiment, US Army
1967	MG Keith B. McCutcheon, USMC	2012	C Company 1-52 <sup>nd</sup> Aviation Regiment, US Army
1968	Armed Forces in Southeast Asia	2013	U.S. Coast Guard, Air Station Elizabeth City
1969	The Petroleum Industry		
1970	58th Aerospace Rescue & Recovery Squadron		
1971	KLM North Sea Helicopters		
1972	Erickson Air-Crane Co.		
1973	Ralph P. Pass		
1974	Colombia Air Force, HELICOL., S.A.		
1975	No award presented		
1976	MG Manoucher Khosrodad, Iranian Army Aviation		
1977	U.S. Army UTTAS Test Command (Provisional) 101st Avn GP., 101st Airborne Div.		
1978	British Airways Helicopters		
1979	Columbia Helicopters		
1980	CAPT John Crowe, Canadian Armed Forces		
1981	U.S. Coast Guard 17th District		
1982	Donald W. Usher & Melvin (Gene) W. Windsor, U.S. Park Police		
1983	CW3 Charles Hemphill, USA & CW4 Frederick Loehmer, USA	1976	Thomas W. Sheehy
1984	U.S. Coast Guard Crew #1437	1977	Debashis Banerjee
1985	U.S. Coast Guard Crew #1469	1978	David P. Chappell
1986	Colombian Helicopter Pilots	1979	Ivo Zvolanek
1987	U.S. Coast Guard Crew #1467	1980	Kenneth P. Leighton
1988	LTG Crosbie E. Saint, U.S. Army	1981	Shyi-Yaung Chen
1989	U.S. Coast Guard Crew #1472	1982	Raymond S. Hansen & Jon P. Rogers
1990	ADM Paul A. Yost, USCG	1983	Todd R. Quackenbush
1991	USSR Military and Civilian Helicopter Pilots Flying Initial Operations at Site of Chernobyl Nuclear Disaster, April-May, 1986	1984	Mark Davis
1992	Desert Storm First Strike U.S. Army Apache Team	1985	Michael Lewis
1993	U.S. Army Task Force 159	1986	Barbara Townsend
1994	Walter Greaves, Era Aviation & Eric Pentilla, Evergreen Helicopters	1987	Dwayne Kimball
1995	N.Y. Air National Guard's 106th Air Rescue Group	1988	Brian Hamilton
1996	Marine Corps TRAP Team	1989	Earl P. Duque
1997	Canadian Air Force's 413 Squadron, Labrador 303	1990	Joshua Gordis
1998	The U.S. Coast Guard Flight Crew Members of Air Station Clearwater and the U.S. Air Force Reserve's 920 <sup>th</sup> Rescue Group at Patrick Air Force Base for the rescue of the Merchant Patriot	1991	D. Dale Davis
1999	Australian Search and Rescue Helicopters/Sydney-Hobart Yacht Race	1992	Hieu T. Ngo
2000	USMC VM-1, Search and Rescue Detachment, Cherry Point, NC	1993	Carl Bauer
		1994	Jeff Evernham
		1995	Jeffrey Keller
		1996	Andreas P. F. Bernard
		1997	Bryan Cotton
		1998	Joseph Horn
		1999	Lt. Cdr. Robert L. King, USN
		2000	Craig P. Fuehne
		2001	Marc Gervais
		2002	Geoffrey J. Jeram
		2003	Cheng-Ho Tho
		2004	Jongmin Kim

The **ROBERT L. LICHTEN AWARD** is given to the author of the best technical paper presented at a regular meeting during the preceding calendar year, based upon the author's personal contribution, originality of the work, and technical content. The award consists of a medallion and a \$500 honorarium made available from the Bell Helicopter Textron contribution to the Vertical Flight Foundation.

2005	Jonathan K. Garhart
2006	J. S. Wilson
2007	Jonathan Mitchell
2008	Yvonne Fuchs
2009	Laura Buck
2010	Mohammad Ali Rafiee
2011	Gregory M. Neiswander
2012	Erez Eller
2013	Brent Pafford

**The ALEXANDER A. NIKOLSKY HONORARY**

**LECTURESHIP** is given to an individual who has a highly distinguished career in vertical flight aircraft research and development and is skilled at communicating their technical knowledge and experience. The selection of the lecturer is based upon the individual's distinguished career, the significance and appropriateness of the subject matter, the ability to compose an archival lecture document, and a willingness to present the lecture to the various regions of the Society. The award consists of a medallion and a certificate. The lecture is presented at the Annual Forum and is also published in the Journal of the American Helicopter Society.

1981	Wieslaw Z. Stepniewski
1982	Bartram A. Kelley
1983	Rene H. Miller
1984	Robert G. Loewy
1985	Alfred Gessow
1986	John Ward
1987	Jan M. Drees
1988	Kenneth B. Amer
1989	Charles C. Crawford, Jr.
1990	Rene Mouille
1991	Dr. Robin B. Gray
1992	Robert R. Lynn
1993	Kenneth I. Grina
1994	Evan Fradenburgh
1995	Bruno Lovera
1996	David S. Jenney
1997	Bruce Blake
1998	Robert J. Huston
1999	Dr. Daniel P. Schrage
2000	Professor Howard C. Curtiss, Jr.
2001	Dr. Richard M. Carlson
2002	Troy M. Gaffey
2003	Santino Pancotti
2004	Dr. Barnes W. McCormick
2005	Walter G. Sonneborn
2006	Franklin Harris
2007	Dr. Kenneth M. Rosen
2008	Dr. David Peters
2009	Dr. Frederic H. Schmitz
2010	Dr. Wayne Johnson
2011	William Bousman
2012	Prof. Gareth Padfield
2013	Prof. Peretz P. Friedmann

The **IGOR I. SIKORSKY INTERNATIONAL TROPHY**, created by Sikorsky Aircraft in 1961, honors the memory of a true pioneer in aeronautics, an extraordinary engineer, designer, entrepreneur, and occasional test pilot,

responsible for transforming the helicopter from the realm of the experimental to the reality of the production line. The award is given to the company or consortium that designs and builds a helicopter establishing an official world record during the preceding year in the official E-1 categories prescribed by the rules of the Fédération Aéronautique Internationale.

1961	Mikhail L. Mil Design Team
1962	Sikorsky Aircraft
1963	Sud Aviation
1964	No award presented
1965	Sikorsky Aircraft
1966	Hughes Tool Co., Aircraft Division
1967	No award presented
1968	No award presented
1969	No award presented
1970	Mikhail L. Mil Design Team
1971	Sikorsky Aircraft
1972	Sikorsky Aircraft
1973	No award presented
1974	No award presented
1975	No award presented
1976	No award presented
1977	No award presented
1978	No award presented
1979	No award presented
1980	No award presented
1981	No award presented
1982	Sikorsky Aircraft
1983	H. Ross Perot, Jr. & Jay W. Coburn
1984	No award presented
1985	No award presented
1986	No award presented
1987	Westland Helicopters Ltd.
1988	No award presented
1989	No award presented
1990	Robinson Helicopter Co.
1991	Robinson Helicopter Co.
1992	Eurocopter France
1993	McDonnell Douglas Helicopter Systems
1994	Global Helicopter Technology & LHTEC
1995	Bell Helicopter Textron-Canada
1996	No award presented
1997	Bell Helicopter Textron & Mr. Bruno Guimbal
1998	No award presented
1999	No award presented
2000	No award presented
2001	No award presented
2002	No award presented
2003	No award presented
2004	No award presented
2005	No award presented
2006	Eurocopter
2007	No award presented
2008	Bell Helicopter Textron, Inc.
2009	AgustaWestland
2010	No award presented
2011	No Award Presented
2012	Gamera Team
2013	No Award

The **FRANCOIS XAVIER BAGNOUD VERTICAL FLIGHT AWARD**, created in 1992 and first known as the AHS Director's Award, is given to a Society member under the age of 35 for career-to-date outstanding contributions to vertical flight technology. The Award honors the memory of a young helicopter engineer, Swiss citizen, author and rescue pilot who founded the AHS student chapter at the University of Michigan. At 20 years of age, he published a treatise on helicopter aerodynamics. Subsequently, he developed within Europe IFR procedures for rotorcraft, and as a commercial pilot, he performed more than 300 helicopter rescue missions.

- 1993 Adam Sawicki
- 1994 Dr. Ed Smith
- 1995 Jeffrey C. Dudley
- 1996 Dr. Michael S. Torok
- 1997 Bryan Cotton
- 1998 Dr. Farhan Gandhi
- 1999 Andreas P. F. Bernhard
- 2000 William P. Geyer, Jr.
- 2001 Christopher D. Sargent
- 2002 Dr. Catherine H. Ferrie
- 2003 Chad Sparks
- 2004 Dr. Nikhil A. Koratkar
- 2005 Dr. Vineet Sahasrabudhe
- 2006 Dr. Anubhav Datta
- 2007 William J. Eadie
- 2008 Ryan Ehinger
- 2009 Andrew Elliot Augenstein
- 2010 Jeffrey D. Sinsay
- 2011 Joseph G. Irwin
- 2012 Dr. Jose Palacios
- 2013 Dr. Daniel Patt

The **ROBERT L. PINCKNEY AWARD** is given for a notable achievement in manufacturing research and development for vertical flight aircraft or components brought to fruition in the preceding year. The Award was created by Boeing in 1995 to honor the memory of Robert L. Pinckney, an eminent manufacturing engineer.

- 1996 Boeing-Sikorsky RAH 66 Comanche Precision Manufacturing Team
- 1997 V-22 Airframe Integrated Product Team
- 1998 The Tandem Rotor Program Producibility Team
- 1999 The S-92 Development Team
- 2000 Split Torque Transmission Team
- 2001 Bell-Agusta 609 Wing Torque Integrated Product Team
- 2002 The Sikorsky Rotary Wing Structures Technology Demonstration (RWSTD) Team
- 2003 NRTC/RITA Bell-Sikorsky High Speed Machining of Titanium Team
- 2004 The Complex Composite Structural Concepts (CCSC) Team
- 2005 The Sikorsky Composite Talicone/Stabilator Development Team
- 2006 No award presented
- 2007 Paul Oldroyd and Tricia Hiros, Bell Helicopter Textron, Inc.

- 2008 US Army / Sikorsky Survivable Affordable Repairable Airframe Program (SARAP) Virtual Prototype and Validation Development Team
- 2009 U.S. Army Aviation Applied Technology Directorate/Sikorsky RDS-21 Face Gear Development Team
- 2010 PROMETAL RCT/Sikorsky Digital Casting Team
- 2011 No Award Presented
- 2012 CH-53K Virtual Design Team
- 2013 V-22 Large Cell Composite Core Flaperon Team

Created in 1995, the **AHS SUPPLIER EXCELLENCE AWARD** is given to a supplier who, through the quality, innovativeness and cost-effective technology of its products, has made a notable contribution to improving the state-of-the-art of vertical flight aircraft.

- 1996 Lord Corporation
- 1997 Hamilton Standard
- 2000 Martin-Baker Aircraft Co.
- 2001 The Purdy Corporation
- 2002 Helicopter Support, Inc.
- 2003 Rolls-Royce AE1107C Liberty Propulsion System Team
- 2004 Goodrich Corporation – Fuel & Utility Systems
- 2005 The Protective Materials Co.
- 2006 The Honeywell Aerospace Electronic Systems Business Unit
- 2007 The H-53 Engine Team, GE Aviation
- 2008 No award presented
- 2009 Sikorsky Aerospace Services
- 2010 Aero Vodochody
- 2011 GKN Aerospace
- 2012 Garmin International, Inc
- 2013 Aurora Flight Sciences

Established in 2003, in the memory of vertical flight historian/designer John J. Schneider, the **JOHN J. SCHNEIDER HISTORICAL ACHIEVEMENT AWARD** is given to an individual for distinguished achievement in encouraging appreciation of, and enhancing access to, the history and legacy of vertical flight aviation. The selection of the award recipient is based upon a significant achievement or sustained record of accomplishment in the documentation, preservation, analysis and illumination of historically significant events, prominent pioneers and/or technologies, designs and uses of vertical flight aircraft. The award recipient will receive a scale model of Leonardo da Vinci's "Aerial Screw" on an inscribed mount, and a book selected from the list of titles available through AHS International.

- 2004 Eugene K. Liberatore
- 2005 John "Slats" Slattery
- 2006 Sikorsky Historical Archives
- 2007 Jean Boulet
- 2008 Elfan ap Rees
- 2009 Ray D. Leoni
- 2010 J.J. Janovetz and the X-3 Team
- 2011 Robert M. Beggs
- 2012 Sergei I Sikorsky
- 2013 Franklin D. Harris



2013 Southwest Chapter

**Individual Member Sponsor Contest** Awarded to the member who sponsors the greatest number of new members during the contest year.

1998 Amy Curtin  
1999 Amy Curtin  
2000 Jesse E. Wrice, Jr.  
2001 Dr. Ed Smith  
2002 Robert D. Powell  
2003 Kenneth Lauck  
2004 Robert D. Powell  
2005 Simon Atyeo  
2006 Professor J. Gordon Leishman  
2007 Scott Bruce  
2008 Richard Millman  
2009 Jeffrey A. Pino  
2010 Prof. Edward Smith  
2011 Robert D. Powell  
2012 Dr. Ed Smith  
2013 Philip Alldridge

**Chapter With Greatest Percentage Member Increase**

Awarded to the AHS chapter with the greatest percent increase at the end of the contest period.

1998 Connecticut Valley Chapter  
1999 Redstone Chapter  
2000 Redstone Chapter  
2001 Cherry Point Chapter  
2002 Poland Chapter  
2003 Patuxent River Chapter  
2004 San Francisco Chapter  
2005 Redstone Chapter  
2006 Atlanta Chapter  
2007 Australia Chapter  
2008 Southwest Chapter  
2009 Empire State Chapter  
2010 Jake Fortner Chapter  
2011 Cherry Point Chapter  
2012 Arizona Chapter  
2013 Atlanta Chapter

**Chapter With Greatest Net Member Increase** Awarded to the AHS chapter with the greatest net growth at the end of the contest period.

1998 Hampton Roads Chapter  
1999 Federal City Chapter  
2000 Canada Chapter  
2001 Redstone Chapter  
2002 Pacific Northwest  
2003 Stratford Chapter  
2004 Japan Chapter  
2005 Federal City Chapter  
2006 Southwest Chapter  
2007 Huntsville/Redstone Chapter  
2008 Southwest Chapter  
2009 Southwest Chapter  
2010 Southwest Chapter  
2011 Huntsville Chapter  
2012 Federal City Chapter

**Every Member-Get-a Member Contest** Awarded to the Chapter whose members sponsor the most new members during the contest period. The Chapter will receive only one credit for each Chapter member who sponsors a new member.

1998 Philadelphia Chapter  
1999 Corpus Christi Chapter  
2000 San Francisco Chapter  
2001 Hampton Roads Chapter  
2002 Stratford Chapter  
2003 Philadelphia Chapter  
2004 Arizona Chapter  
2005 Australian Chapter  
2006 Philadelphia Chapter  
2007 Stratford Chapter  
2008 Southwest Chapter  
2009 Southwest Chapter  
2010 Federal City Chapter  
2011 Philadelphia Chapter  
2012 Redstone Chapter  
2013 Philadelphia Chapter

