



ROYAL
AERONAUTICAL
SOCIETY

2013

Honours, Medals & Awards

RAeS

Honours, Medals & Awards

The Royal Aeronautical Society has been honouring outstanding achievers in the global aerospace industry since 1909, when Wilbur and Orville Wright came to London to receive the Society's first Gold Medal. In the years that have followed, honouring aerospace achievers has become a permanent tradition of the Society. The Society's Awards Programme has rewarded individuals and teams who have made an exceptional contribution to aerospace, whether it is for an outstanding contribution or achievement, a major technical innovation, for exceptional leadership, long and valued service, or for work that will further advance aerospace.

Contents

RAeS Medals & Awards

Professor Keith Ridgway	3
Professor Raymond Stalker	3
Professor John Denton	4
ASTRAEA Team	4
Graham Redgrave	5
Raymond Cherry	5
NEPTUNE Development Team	6

Specialist Awards

Arthur Rowe	6
Captain Dieter Harms	7
ICAO 9625 Volume II International Working Group — Helicopters	7
Peter Wilson	8
Benjamin Davies	8
John Thatcher	8

Specialist Group Awards

Captain David Martin	9
Mark Prior	9
Dennis Stanniland	10

Young Persons' Awards

Christopher Hutchin	10
Brunel University, Aerospace and Aviation Engineering Team	11
Chris Argote	11
Andrea Massaro	11
James Ibbitson	12
Filomeno Martina	12
Jonathan Nash	12

Roll of Honour

13

RAeS Honours

.....

The world's most prestigious and long-standing aerospace awards honouring achievement, innovation and excellence.



Honorary Fellowship

The world's highest distinction for aerospace achievement awarded only for the most outstanding contributors to the aerospace profession.

PROFESSOR KEITH RIDGWAY

ADVANCED MANUFACTURING INSTITUTE (UNIVERSITY OF SHEFFIELD)

Keith Ridgway is the Professor of Design and Manufacture and Executive Dean of the Advanced Manufacturing Research Centre (AMRC) at the University of Sheffield. He is a Fellow of the Royal Academy of Engineering, a Fellow of the Institution of Mechanical Engineers, Royal Institute of Naval Architects and Royal Aeronautical Society and was awarded the OBE for services to UK manufacturing industry in June 2005. In January 2012 Professor Ridgway was awarded the CBE for services to UK Manufacturing Industry. Professor Ridgway has over 160 publications including 57 journal articles.

Professor Ridgway is admitted to Honorary Fellowship in recognition of an outstanding contribution to aerospace manufacturing, which has led to the development of innovative manufacturing processes and a step change in productivity for many industrial companies.

Honorary Fellowship

The world's highest distinction for aerospace achievement awarded only for the most outstanding contributors to the aerospace profession.

PROFESSOR RAYMOND STALKER

THE UNIVERSITY OF QUEENSLAND

Ray Stalker is admitted to Honorary Fellowship in recognition of his outstanding contribution as a pioneer in the on-going effort to develop the world's fastest jet engines — scramjets. He developed a series of wind tunnels called free-piston driven shock tunnels or 'Stalker Tubes' that have allowed researchers to test new engine and spacecraft designs. Ray built a major research group, the Centre for Hypersonics, in the Department of Mechanical Engineering at the University of Queensland where he became Australia's first Professor of Space Engineering. Here he led pioneering work on scramjet technology for high-speed air-breathing propulsion and high-speed aerothermodynamics.



.....

RAeS Medals



RAeS Silver Medal

For work contributing to major advances or contributions in aerospace.

PROFESSOR JOHN DENTON

UNIVERSITY OF CAMBRIDGE

Prof John Denton obtained his BA and PhD from Cambridge and a MASc from the University of British Columbia. After lecturing in Kenya for two years he worked for the CEGB (UK electricity utility) on steam turbine aerodynamics for eight years before returning to Cambridge as a lecturer in 1977. At the Whittle lab he continued to develop numerical methods for flow calculation in turbomachines and performed research on the flow in aero engines, gas turbines and steam turbines. He was Director of the Whittle lab from 1984-1990 and from 1999-2005. He retired from the University in 2005 but is still active as a consultant. He is a Member of the Institution of Mechanical Engineers and a Fellow of the Royal Academy of Engineering and of the Royal Society.

The award of the Society's Silver Medal recognises his unparalleled impact on the development of three-dimensional Computational Fluid Dynamics for the design of aero-engines and gas turbines without which the design of today's high efficiency aero-engines would not be possible.

RAeS Team Silver Medal

Conferred for work contributing to major advances or contributions in aerospace.

ASTRAEA TEAM

AOS, BAE SYSTEMS, CASSIDIAN, COBHAM, QINETIQ, ROLLS-ROYCE, THALES

In 2004 the UK's Aerospace Technology Strategy identified Autonomous Systems as a significant future aerospace capability. In response the Autonomous Systems Technology Related Airborne Evaluation and Assessment (ASTRAEA) programme emerged to address the regulatory and technological requirements, underpinned by demonstration, to secure the routine operation of Unmanned Aircraft Systems (UAS) in all classes of airspace.

The award of the Society's Team Silver Medal recognises the way in which the ASTRAEA team has developed and demonstrated a unique collaborative style that has led to the achievement of outcomes beyond those originally envisaged in terms of establishing the routes to operate Unmanned Air



Systems in civil airspace; also the international recognition gained by the team for its systems engineering approach to technology development and application, shown through integrated demonstrations and pioneering flight trials.



RAeS Bronze Medal

Conferred for work leading to advances or contributions in aerospace.

GRAHAM REDGRAVE

MARSHALL OF CAMBRIDGE

Graham has spent most of his 47 years within aviation in the support and continued airworthiness of the RAF fleet of older large aircraft types including C-130, TriStar and E-3D Sentry at Marshall Aerospace. This was preceded by a similar role within the airborne weapons arena.

Having recently retired from full time employment, Graham now acts as an airworthiness consultant for Marshall Aerospace on a part time basis where his unrivalled experience in both military and civil airworthiness and design is still employed.

The award of a Society Bronze Medal recognises the significant contributions to innovations in aircraft design for which he has been responsible during a distinguished career as one of the most respected and experienced engineers within the UK aerospace industry.

RAeS Bronze Medal

Conferred for work leading to advances or contributions in aerospace.

RAYMOND CHERRY

RGW CHERRY & ASSOCIATES LTD

Ray Cherry is a Chartered Engineer, a Fellow of the Royal Aeronautical Society and a Member of the Institution of Mechanical Engineers. Ray joined the aircraft industry in 1968, and has been a member of the Airbus, BAe 146 and BAe 125/Hawker design teams. He has held many positions during his career with Hawker Siddeley Aviation, British Aerospace and Raytheon, including Head of Development & Reliability and Chief Safety & Certification Engineer with BAe and Head of Product Integrity and Airworthiness with Raytheon Corporate Jets. Since 1993 Ray has worked primarily in the fields of aircraft cabin safety and system safety analysis.

The award of a Society Bronze Medal recognises the outstanding contribution that he has made, and continues to make both to the British aerospace industry and to the Society, particularly in the fields of aviation safety and related education and training.



RAeS Team Bronze Medal

Conferred for work leading to advances or contributions in aerospace.

NEPTUNE DEVELOPMENT TEAM

AIRBUS OPERATIONS LTD

The management of water in aircraft fuel systems is a key industry challenge and Airbus R&T has been actively seeking and developing improvements. Within this context the NEPTUNE Team has created a mathematical tool with the capability to predict water accumulation and behaviour according to aircraft type and route structure. This provides design engineers with the information they need to optimise water management systems. In addition airlines can predict when maintenance activities are necessary, reducing cost and down time compared to the existing approach. This is an aviation technology step change with the potential to affect how water is managed in all future aircraft fuel systems.

The team has three core members, Dr Joseph Lam, Tim Leigh and Simon Masters and a number of supporting specialists. The award of a Society Team Bronze Medal recognises the benefit to airlines of reduced cost and down



time that will result from their work in developing a fuel system water accumulation model that can be applied to different aircraft fuel systems and which has become the basis for a proactive maintenance system for airlines and an analysis tool to support aircraft certification.

Specialist Awards

Gold, Silver and Bronze Specialist Awards. The Society's Specialist Awards are intended to cover the full range of aerospace disciplines. These Awards are given to both individuals and teams.

Specialist Gold Award

Awarded for exceptional work, which has led to substantial advances or contributions within specialist disciplines in the aerospace industry.



ARTHUR ROWE

ROLLS-ROYCE PLC

Arthur has worked in Gas Turbine architecture, operability and control for more than 25 years culminating in his appointment as Senior Fellow — Gas Turbine Architectures. He is the highest authority in these areas within Rolls-Royce globally and performs the role of mentor throughout the group. Arthur has been at the forefront of developments in engine control/operability; he holds or has in progress more than 25 patents covering such diverse and critical topics as bird damage detection, electrical load management, quick windmill relight fuel control and lean burn fuel systems. The award of the Specialist Gold Medal recognises his achievements and contributions in gas turbine architecture, operability and control and the extent to which he has substantially advanced aerospace industry economics, safety and environmental performance.

Specialist Silver Award Accompanied by the Flight Simulation Medal

Awarded for exceptional work which has led to significant advances or contributions within specialist disciplines in aerospace.

CAPTAIN DIETER HARMS

HARMS AVIATION CONSULTING

Captain Dieter Harms has had a very distinguished career with Lufthansa for over 40 years. Born in 1940, he graduated from Lufthansa Pilot School in 1962 and subsequently flew a wide range of aircraft. In 1980, he was appointed Head of the Lufthansa Pilot School in Bremen, subsequently becoming Lufthansa's Head of Training. From 1997 until his retirement in 2005, he was CEO of Lufthansa Flight Training GmbH. In 2005 he founded Harms Aviation Consulting. During 2007 and 2008 he made a very significant contribution as Co-Chairman of the training sub-working group of the RAeS International Working Group on the worldwide harmonisation of standards for Flight Simulation Training Devices. He currently has a leading role with IATA as a Senior Advisor on the IATA Training and Qualification Initiative.



The Society Specialist Silver Award, accompanied by the Flight Simulation Medal, recognises his outstanding vision and inspirational leadership which, together with his perseverance and resolve, has resulted in him being felt by his peers to have achieved more in promoting the use and benefits of flight simulation training devices (FSTD) through the introduction of new airline flight crew training philosophies than any other individual in modern times.

Specialist Team Silver Award



ICAO 9625 VOLUME II INTERNATIONAL WORKING GROUP — HELICOPTERS

The RAeS-sponsored International Working Group — Helicopters (IWG-H) began working on developing the first ever international standards for the qualification of helicopter flight simulation devices (FSTDs) in 2007. The results of their work have recently been published by ICAO as document 9625 Volume 2, which paves the way for future mutual recognition of helicopter FSTDs.

The Specialist Team Silver Award recognises the way in which the IWG-H has, thanks to sustained effort over five years, broken new ground in setting global standards, now recognised by ICAO, for rotary-wing flight simulation training devices.

Specialist Bronze Award Accompanied by the R P Alston Medal

Awarded for work of merit which has led to advances or contributions in specialist disciplines in aerospace.

PETER WILSON

BAE SYSTEMS

Trained initially as an RAF pilot and graduating in 1995 from the USN Patuxent River Test Pilot School, Peter joined BAE Systems in 2000 as a test pilot working initially on all marks of Harrier, then on the Hawk project and as a display pilot. In 2006 he joined the development team working on the F-35 Lightning II Joint Strike Fighter STOVL variant. He has since 2010 been the F-35 Chief STOVL test pilot.

The Specialist Bronze award accompanied by the R P Alston Medal are in recognition of his strong test leadership and notable test flying achievements on the F-35 test programme, which have enhanced reputations at an international level and demonstrated the talent that the UK can offer cutting-edge and high-profile programmes.



Specialist Bronze Award



BENJAMIN DAVIES

FLYBE LTD

Qualifying in 2002 at RMCS, Cranfield University with a BEng (Hons) in Software Engineering, Benjamin worked variously as a CNC machine operator and on computer network installations before qualifying as a pilot and Flying Instructor during 2005-6. He joined Flybe Ltd in 2007 and is currently the company's Senior First Officer Dash 8 Q400, Assistant Technical Officer — Q400 Fleet and Flight Operations Electronic Flight Bag Project Manager.

The Specialist Bronze Award recognises his lead role in the delivery of the iPad-based Electronic Flight Bag for low cost airlines and the impact this contribution has made on cost and improving flight safety in the industry.

Specialist Bronze Award Accompanied by the Geoffrey Pardoe Space Award

JOHN THATCHER

ASTRIUM LTD

John retired in May 2013 after over 30 years working in the space industry, mainly involved in spacecraft engineering and project management. John read Engineering Science at the University of Oxford and began his career as an aerothermodynamicist at Rolls-Royce Aero Engines in Derby. He also worked in the nuclear power industry before joining what was then British Aerospace at Stevenage working on communication satellites. For the last nine years, John was the European Consortium Project Manager for the Mid-Infrared Instrument on the James Webb Space Telescope.

The Specialist Bronze Award accompanied by the Geoffrey Pardoe Space Award recognise John's effective leadership and dedication as one of the major contributing factors in the successful management and delivery of the James Webb Space Telescope Mid-Infra-Red Instrument, a flagship science project of the UK Space Agency.



Specialist Group Awards

The Specialist Group Awards are proposed by the Chairmen of the various Royal Aeronautical Society Specialist Groups for individuals who have made an important contribution within a specialism.

Flight Operations Group Award Accompanied by the Flight Operations Medal



CAPTAIN DAVID MARTIN

BRITISH AIRWAYS (RETD)

Captain Martin was born in London and completed his education in Liverpool from which city he went to sea with the Blue Funnel line as a Midshipman and Navigating Officer for five years. Coming ashore in 1954 he completed his National Service in the Royal Air Force gaining his pilots Wings in November 1955. Joining BOAC on 1 May 1956 as a Second Officer he gained a Flight Navigators Licence and an ATPL. He operated on Yorks, Argonauts, Comet 4s, VC10s and TriStars. He started instructing as a Co-pilot in 1967, obtained his command in 1971 becoming successively a Training Captain, Training Manager and finally General Manager Flight Crew Training. Retiring in 1985 he joined BAe as the first Principal of the Flying College based at Prestwick. Upon leaving BAe he assisted as a consultant in the formation of Western Michigan University's International Pilot School, the Military Helicopter Training facility at RAF Benson and other clients in the UK and the Republic of South Africa.

These awards recognise the major contribution he has made to improving the standard of Training of Pilots and to the advancement of the careers of aviation enthusiasts during his long and honourable career and since retirement.

Rotorcraft Group Award Accompanied by the Alan Marsh Medal

CAPTAIN MARK PRIOR

BRISTOW EUROPEAN OPERATIONS

Mark Robert Prior joined the RAF in 1979. After several operation tours, in 1992 he attended the French Test Pilot course at EPNER. Following this he was an experimental test pilot on the Rotary Wing Test Squadron at A&AEE Boscombe Down. In 1998 he joined Bristow Helicopters becoming the Chief Test Pilot in 2000, working with the Bristow Part 21J Design Office. In addition to operational work, he participated in a number of regulatory and industry working groups. In 2010 he joined the Bristow Global Standards Team as the Manager for Global Operational Standards and SAR.

These awards are in recognition of the continuous series of contributions that he has made, and the standard that he has been instrumental in setting, in relation to flight safety during a career based around Flight Test and regulatory improvement.



Aerodynamics Group Award



DENNIS STANNILAND

AIRCRAFT RESEARCH ASSOCIATION LTD

Dennis Stanniland graduated with a BSc in Mathematics from Leeds University in 1969. He was a member of the Aerodynamics Department at British Aerospace, Brough for eight years where he worked on aircraft development projects including the Airbus A300B, Hawk and Harrier, as well as a number of UK aerodynamic research programmes. He was awarded the N E Rowe Medal by the Royal Aeronautical Society in 1971.

He joined ARA in 1977 as a Project Supervisor and was promoted on a number of occasions to his current role as Chief Aerodynamicist. He has been an active member of several technical committees, including the European Wind Tunnel Association (Chairman of the Scientific and Technical Board), ESDU (Chairman of the Transonics Committee), STAI and the Royal Aeronautical Society Aerodynamics Committee.

This award recognises his significant contribution to the high speed aerodynamics knowledge and capability of ARA, the UK aerospace community, both civil and defence, and the wider world over a long and distinguished career.

Young Persons' Awards

The Society confers additional awards recognising achievements by young people, both individuals and teams.

Young Persons' Achievement Award

CHRISTOPHER HUTCHIN

AGUSTAWESTLAND

Chris is a Senior Engineer within Rotor Dynamics and Loads Department at AgustaWestland. He is the departmental lead on the company's AgustaWestland Active Rotor Demonstrator (AWARD) programme, working to help develop active rotor technologies for improved performance and reduced vibration. Within these highly complex programmes, Chris has worked extensively on topics such as prediction of loads and vibration, FMEA, and integration of control and aeroelastic models of rotors, at full- and model-scales. Chris graduated with a MEng from University of Cambridge in 2007 and joined AgustaWestland's graduate training programme. He was awarded Chartered Engineer status in May 2013.



The Award recognises Chris's contribution to the AWARD programme and his achievements as a role model for all young engineers. He is seen by colleagues and peers as having demonstrated the very best skills mix of technical competence, curiosity, determination and the ability to communicate at all levels that are the essential attributes necessary to succeed as a leader in the aerospace industry.

Young Persons' Achievement Commendations



BRUNEL UNIVERSITY, AEROSPACE AND AVIATION ENGINEERING TEAM

BRUNEL UNIVERSITY

The team played a pivotal role in designing, building and flying an engineless, unmanned glider 22nm from Ilfracombe, North Devon, to Lundy Island. The achievement, representing a new British distance record and a first in model aviation, was filmed for the BBC as part of a special episode of *James May's Toy Stories*, entitled 'Flight Club'. A key contribution of the team was the aerodynamic performance analysis of the original glider through wind-tunnel testing and subsequent redesign of the glider wing sections through computational analysis to improve its lift-to-drag ratio, which was essential in fulfilling the flight mission. The team was assembled and led by Dr Mark Jabbal, Lecturer in Aerospace Engineering, and consisted of students from undergraduate and postgraduate aerospace and aviation engineering disciplines.

CHRIS ARGOTE

ROLLS-ROYCE PLC

Chris began working for Roll-Royce as a co-op student in the Fall of 2006 while attending the Georgia Institute of Technology for a Bachelor of Science Degree in Aerospace Engineering. He was awarded the CASA Fellowship from Rolls-Royce which sponsored him to pursue a Master of Science Degree in Aerospace Engineering from the Aerospace System Design Lab at Georgia Tech. His primary concentration was in propulsion and Multi-Disciplinary System Design & Optimisation. His research resulted in a new capability and method for solving transient engine cycles for the potential application of real-time simulation. Chris joined Rolls-Royce full-time in January of 2011 as a Performance Engineer for the Future Programs department.

The Commendation recognises the dramatic impact that Chris is making on the future of Rolls Royce. In less than two years in Future Programs System Performance and Operability, he has already demonstrated his high ability and potential on both engine development programmes and performance methods. He is seen by his colleagues and peers to be energetic, focused on finding solutions, and outstanding technically.



Alan Marsh Young Persons' Award

ANDREA MASSARO

AGUSTAWESTLAND

Andrea is a Rotor Aerodynamics Specialist in AgustaWestland's Aerodynamics Department. He graduated with honours in Aerospace Engineering Master Degree at the University of Padova (Italy) in 2010. Andrea has extensive experience in the field of rotor aerodynamics and performance. He has been working on the development of efficient and effective methodologies for enhanced rotor concepts for helicopters and tiltrotors, improving the aerodynamics rotor design process for future and competitive AgustaWestland's products.

The Award recognises the extent to which Andrea has already demonstrated a singular skill in the application of numerical methods and CFD tools to the engineering definition of advanced rotors for helicopters, tilt rotor types, and the so-called 'convertiplane' concept.



NE Rowe Medals — Under 25 Age Group

JAMES IBBITSON

AGUSTAWESTLAND

Presented his paper titled 'Selective Laser Sintering' at the Yeovil Branch Young Persons Lecture Evening.

James graduated in 2011 with a First Class Honours Degree in Mechanical Engineering (MEng) from The University of Sheffield. From 2011 to 2013 he completed a two year graduate development programme in helicopter manufacturing and operations at AgustaWestland Ltd. He is currently an analyst at BMT Reliability Consultants Ltd.



NE Rowe Medal — 25 - 30 Age Group



FILOMENO MARTINA

CRANFIELD UNIVERSITY

Presented his paper titled 'Additive Manufacturing: Current Status and Future Developments' at the Cranfield Branch Young Persons Lecture Evening.

Filomeno has been working on Additive Manufacturing technologies for the past three years as a PhD student at Cranfield University. He's developed algorithms and empirical models for the deposition of Ti-6Al-4V, as well as ways to control parts microstructure to improve mechanical properties. Residual stresses and distortion are two other issues he's investigating, and great results have been achieved with inter-pass rolling.

NE Rowe Certificate of Merit — 25 - 30 Age Group

JONATHAN NASH

MARENCO ENGINEERING TECHNOLOGIES AFRICA

Presented his paper titled 'A Shock Tube Driven Transonic Wind Tunnel' at the South African Division Young Persons Lecture Evening.

After graduating with an undergraduate degree in Aeronautical Engineering from the University of the Witwatersrand, Jonathan went on to complete his Masters research entitled 'The Design, Construction and Calibration of a Transonic Wind Tunnel', under the supervision of Prof Beric Skews. Jonathan started working at Eurocopter Southern Africa Limited as an Aeronautical Design Engineer. Jonathan is currently employed at Marenco Engineering Technologies Africa, where he has a range of responsibilities, including design and wind-tunnel testing of components for the new Marenco Swisshelicopter, SKYe SH09 helicopter.



Roll of Honour

HF - Honorary Fellow
F - Fellow
AF - Associate Fellow
M - Member

The world's most prestigious and long-standing aerospace
RAeS Honours, Medals and Awards winners.

Honorary Fellows

1916	P Y Alexander	1964	L P Coombes	1987	F Cereti
1916	W H Dines FRS	1965	Sir Arnold Hall	1988	Professor H Ashley
1916	Lt Gen Sir David Henderson	1965	B S Shenstone	1988	G P Dollimore CBE
1919	Captain J Laurence Pritchard	1965	J Stack	1989	Admiral Sir Raymond Lygo
1919	Maj B F S Baden-Powell	1966	Air Commodore F R Banks	1989	Air Marshal Sir Charles Pringle
1920	Wg Cdr T O B Hubbard	1967	Sir George Dowty	1989	F d'Allest
1920	Professor J C Hunsaker	1967	Professor Dr H J van der Maas	1990	P A Hearne
1920	Maj Gen the Rt Hon Sir Frederick Sykes	1967	Dr Barnes Wallis	1990	Sir James Lighthill
1920	Air Marshall Sir Hugh Trenchard	1968	Professor J A J Bennett	1991	Sir Ralph Robins
1923	Captain J Laurence Pritchard	1968	Professor Dr G Gabrielli	1991	Professor E J Richards
1926	Sir Alan J Cobham	1968	G R McGregor	1992	Professor Em Dr-Ing K H Doetsch
1929	Maj Lester D Gardner	1969	Dr R R Gilruth	1992	Sir John Charnley
1933	Orville Wright	1969	Lord Kings Norton	1992	G H Lee
1933	Griffith Brewer	1969	Sir Archibald E Russell	1993	HRH The Duke of Kent
1940	Sir Frank S Spriggs	1970	Sir Robert Cockburn	1993	Professor Dr-Ing B J Habibie
1942	Dr T P Wright	1970	Dr C S Draper	1993	R W Howard
1943	E D Warner	1970	Academician A N Tupolev	1994	Baroness Platt of Writtle
1944	The Rt Hon Winston S Churchill	1971	Professor S Goldstein	1994	Lord Tombs of Brailes
1945	Professor L Bairstow	1971	Dr Henri Coanda	1994	S Gillibrand
1948	Sir Geoffrey Taylor	1972	Dr S G Hooker	1995	C H Kaman
1948	Sir Alliot Verdun-Roe	1973	Dr A M Ballantyne	1995	Professor J L Stollery CBE
1948	Sir Hugh Oswald Short	1973	Professor E Carafoli	1995	R W R McNulty CBE
1949	Lord Brabazon of Tara	1973	Professor A R Collar	1996	P M Condit
1949	Louis Breguet	1973	J S McDonnell	1996	Sir Richard H Evans CBE
1949	Sir Frederick Handley Page CBE	1973	Sir James Martin	1997	J Pierson
1950	Robert Blackburn	1973	D O Douglas	1997	N Augustine
1950	Sir Richard Fairey MBE	1974	S D Davies	1997	J Cunningham CBE
1950	Dr Theodore von Karman	1975	C Abell	1998	M Flanagan
1950	Sir Francis K McLean	1975	H A L Ziegler	1998	R Belyakov
1950	Mervyn O'Gorman	1975	Dr E S Moulton	1998	R Yates
1950	Sir Thomas Sopwith CBE	1976	Sir Keith Granville	1998	S Ajaz Ali
1951	Professor Sir Bennett Melvill Jones	1976	Sir William Hildred	1999	A Caporaletti
1951	Sir Henry T Tizard	1976	Sir Morien Morgan	1999	D Burrell
1951	C C Walker	1977	Sir William Hawthorne	2000	N Barber
1953	Sir Geoffrey de Havilland CBE	1977	A A Rubbra	2000	Professor Ing E Vallerani
1953	Sir Arthur Gouge	1977	Sir Lawrence Wackett	2000	R Collette
1953	Lord Hives	1978	HRH The Prince of Wales	2000	Sir Donald Spiers
1953	HRH The Duke of Edinburgh	1978	Dr O Nagano	2001	A C Welch OBE
1954	Sir Roy Fedden MBE	1978	Dr W Tye	2001	Dr B Halse
1954	Air Cdre Sir Frank Whittle	1979	Professor D Keith-Lucas	2001	J-P Bechat
1955	Igor I Sikorsky	1979	J Szydlowski	2001	Sir Arthur Marshall OBE
1955	H Grinstead	1980	E H Heinemann (USA)	2002	A Mulally
1956	Sir Roy H Dobson	1980	Sir Frederick Page	2003	P C Ruffles CBE
1956	Dr Hugh L Dryden	1980	Sir Peter Masefield	2003	Professor Sir John Horlock
1957	HRH The Prince of the Netherlands	1981	Sir Robert Hunt	2003	J Thomas
1958	Sir Richard Southwell	1982	H Davies	2003	A A D Henshaw MBE
1959	Professor J Ackeret	1983	Dr G S Hislop CBE	2004	Captain E M Brown CBE
1959	Sir William Farren	1983	Professor Dipl-Ing G Madelung	2005	Sir Michael Cobham
1959	S B Gates	1983	R H Beteille	2006	General Charles E Yeager
1960	Sir George Edwards CBE	1984	J T Stamper	2006	Air Vice-Marshal Professor R A Mason
1960	Professor W J Duncan	1984	Professor A D Young	2007	A Garcia
1961	Sir Sydney Camm CBE	1984	Sir Philip Foreman	2008	Professor B Skews
1961	J D North	1985	J F Sutter	2009	W K Maciver CBE
1962	N E Rowe CBE	1985	HM King Hussein of Jordan	2009	G Page CBE
1962	Sir George Gardner	1985	Sir Roy Sisson	2012	Ing S Pancotti
1963	Sir Alfred Pugsley	1986	Air Cdre Sir Vernon Brown	2012	Professor M Gaster
1963	William Littlewood	1986	Professor J H Argyris	2013	Professor K Ridgway CBE
1964	Sir Denning Pearson	1986	Dr K G Wilkinson	2013	Professor R Stalker

Honorary Companions

1920 Charles Alma-Baker CBE	1970 Sir Anthony Milward	1990 T Mayer
1945 A N D Smith (ex Hon Accountant)	1971 W Straight	1991 R F Baxter
1950 Lord Douglas of Kirtleside	1973 C Dolfuss	1991 Sir Adrian Swire
1950 Sir Alec Coryton	1973 Lord Elworthy	1992 Dr T A Ryan
1957 Miss B Voyce	1975 H Kremer	1993 R C N Branson
1958 W E Nixon	1975 Sir Reginald Verdon-Smith	1994 Professor C J Pennycuik
1959 Gustavus Green	1976 Lord Beswick	1995 Air Marshal M Nur Khan
1959 E C Bowyer	1978 J R Stainton	1996 Sir Neil Cossons OBE
1959 Sir William Hildred	1979 Lord Keith of Castleacre	1997 A J Goldman
1961 Sir John Toothill	1980 Sir Arthur Marshall	1997 R D Lapthorne
1962 J B Stoker	1981 Sir Neil Cameron	1998 P Martin
1962 F E Barwood	1982 Sir Douglas Lowe	1999 HE Sheikh Hamdan bin Mubarak Al Nahyan
1963 C H Gibbs-Smith	1983 L C Hunting	2000 HE Sheikh Ahmed Bin Saeed Al Maktoum
1963 C L Pashley	1985 Lord King of Wartnaby	2002 J J Travolta
1963 Lord Wilberforce	1985 F A A Wootton	2002 R Turnill
1965 L A Wingfield	1986 G Pattie	2003 Dr C C Kong
1965 T James	1987 Sir Norman Payne	2007 D Piggott
1965 J Bradbrook	1988 Sir Colin Marshall	2010 G Bisignani
1966 J Davison	1989 Air Chief Marshal Sir Peter Harding	
1970 H G Alston	1989 M D Bishop	

RAeS Gold Medallists

1909 The Wright Brothers	1964 R E Bishop (F)	1988 Professor G A Jameson
1910 Professor O Chanute	1965 Professor M J Lighthill (F)	1989 Sir Donald Spiers (F)
1915 E T Busk	1966 Professor A R Collar (F)	1990 Professor J E Ffowcs Williams (F)
1915 Professor G H Bryan	1967 Dr S G Hooker (F)	1991 Professor E G Broadbent (F)
1926 Dr F W Lanchester	1968 A A Rubbra (F)	1992 J H B Smith (F)
1927 Professor L Prandtl (HF)	1970 W Tye (F)	1993 Professor J B Scott-Wilson (F)
1933 Sir Richard Glazebrook	1971 Sir Morien Morgan (F)	1994 M R Williams (F)
1937 Juan de la Cierva (posthumously)	1972 Professor A D Young (F)	1995 Professor D Gardner (F)
1945 Air Cdre F Whittle (F)	1973 H Davies (F)	1996 Philip C Ruffles (F)
1946 Professor L Baird (HF)	1974 F W Page (F)	1997 Robert A Davis (F)
1947 Sir B Melville Jones (F)	1975 Professor D Keith-Lucas (F)	1998 Richard Case (F)
1950 Sir Geoffrey de Havilland (F)	1976 Dr W J Strang (F)	1999 Chris Geoghegan (F)
1951 W G A Perring (F) (posthumously)	1977 Sir Clifford Cornford (F)	2000 Dr Bill Bardo
1952 Dr T von Karman (HF)	1978 Dr Ludwig Bolkow	2001 Dr Meyer J Benzakein (F)
1953 E F Reif (Fellow)	1979 Professor P R Owen (F)	2002 Jeffrey A Jupp (F)
1954 Sir Geoffrey Taylor (HF)	1980 W J Charnley (F)	2003 Dr Michael Howse
1955 Lord Hives (HF)	1981 A G Newton (F)	2004 Professor Gunter Kappler
1956 Sir William S Farren (F)	1982 R Hills (F)	2007 Iain G Gray (F)
1957 Professor J C Hunsaker (HF)	1983 Professor G M Lilley (F)	2008 Malcolm Crozier
1958 Sir Sydney Camm (F)	1984 P H J Young (F)	2009 Timothy Clark
1959 M Dassault	1985 I R Yates (F)	2009 Dr Henry McDonald
1960 Sir Frederick Handley Page (HF)	1986 R S Hooper (F)	2012 Elon Musk
1963 H Constant (F)	1987 A B Haines (F)	

RAeS Team Gold Medallists

2004 SpaceShipOne Team	2008 Trent 900 Engineering Team	2009 ATV Jules Verne Operations Team
2005 A380 Wing Design Team	2009 Vectored-Thrust Aircraft	
2007 BERP IV Rotor Blade Development Team	Advanced Control (VAAC) Team	

RAeS Silver Medallists

1909	S F Cody	1955	Dr R A Frazer (F)	1982	K S Lawson (F)
1921	H R Ricardo (F)	1956	Dr E S Moulton (F)	1983	Dr E W E Rogers (F)
1922	Wing Commander E W Stedman (F)	1957	M B Morgan (F)	1984	G H Lee (F)
1923	Wing Commander R M Hill (F)	1958	Dr P B Walker (F)	1985	Dr R C Lock (F)
1924	Major W S Tucke	1959	Dr E A Watson	1986	P G Wilby (M)
1926	Professor B Melville Jones (F)	1960	R H Chaplin (F)	1987	M C Neale (F)
1927	Captain G S Wilkinson (F)	1961	R Hafner (F)	1988	J W H Thomas (M)
1927	P J Ralli	1962	Dr D Kuchemann (F)	1989	R P G Collinson
1927	R J Mitchell	1962	Professor E J Richards (F)	1990	J F Bush (F)
1928	B N Wallis	1963	L H Bedford (F)	1991	R L Dommet
1929	F H Royce	1964	A R Howell (F)	1992	P C M Perrier
1931	H C H Townend	1965	Dr R R Jamison (F)	1993	Dr C J Peel
1932	J de la Cierva	1965	R Stanton Jones (F)	1994	Dr M G Hall
1933	A H R Fedden (F)	1966	J P Smith (F)	1995	B J Main MBE
1933	D L Hollis Williams (F)	1967	C F Joy (F)	1996	Dr P R Ashill
1935	C C Walker (F)	1968	R C Morgan (F)	1997	S M Lyons (F)
1935	Major F B Halford (F)	1969	L N Phillips	1998	C Yeo (F)
1936	B N Wallis	1969	W Watt	1999	M Mansell (F)
1937	A Cooke (F)	1970	E E Marshall (F)	2000	P W Liddell (M)
1937	F W Meredith (F)	1971	Professor J H Argyris (F)	2001	Dr S S Banda
1939	Major R H Mayo (F)	1972	Dr J Seddon (F)	2003	A Vincent (F)
1947	W G Carter (F)	1973	W J Charnley (F)	2004	G Byham (F)
1948	I I Sikorsky	1974	H Zeffert (F)	2005	Professor David Southwood
1950	J Smith (F)	1975	Professor W A Mair (F)	2007	S Purdy
1950	W E W Petter (F)	1976	L F Nicholson (F)	2008	Dr David Dorman
1951	S B Gates (F)	1977	B O Heath (M)	2009	Professor Srinivasan Raghunathan
1952	Dr H Sutton (F)	1978	J C Wimpenny (F)	2010	Brig Gen the Viscount De Winne
1953	H Grinsted (F)	1979	V A B Rogers (F)	2011	Professor Terence Jones
1954	Professor W J Duncan (F)	1980	R H Whitby (F)	2012	R A C Smith
1955	Dr A A Griffith	1981	Dr W Stewart (M)	2013	Professor J D Denton

RAeS Team Silver Medallists

2005	The Huygens Project Team	2010	Mantis UAV Project Team	2012	CAMPS Development Project Team
2008	Cranfield Aerospace X-48B UAV Team	2011	HYLAS Team	2013	ASTRAEA Team

RAeS Bronze Medallists

1908	W R Turnbull (F)	1969	W J G Pinsker	1992	Dr D E Jensen
1909	Dr F W Lanchester	1970	N F Harpur (F)	1993	Professor R S Kalawsky
1910	B G Cooper	1971	P Bradshaw	1994	G C Thomas (M)
1932	T W K Clarke	1972	Professor C G van Neikerk (F)	1994	H M Newns
1948	F B Bradfield (F)	1973	R W Howard (AF)	1995	F J Perry
1949	Captain R N Liptrott	1974	A B Haines (F)	1995	I P MacDiarmid
1949	E N Twining	1975	R L Bikerdike	1996	C J Richards
1950	E C Lovesey (F)	1976	I C Taig (M)	1997	J S Lewis
1951	H J Pollard (F)	1977	Dr A H Mebka	1998	N Barrington
1952	H Povey (F)	1978	Lt Cdr D R Taylor (M)	1999	Professor G D Padfield (F)
1953	L Boddington	1979	J McNamara	2000	S E Allwright
1954	H B Howerd (F)	1980	S M Ellis	2001	D Lister
1955	Professor M J Lighthill	1981	T Sharples	2002	R Pinker (M)
1956	J W Barnes	1982	P Brotherhood	2003	Dr M Fisher
1957	F B Greatrex (AF)	1983	R D J Maxwell (M)	2004	J Roe
1958	Dr D Williams (F)	1984	D E McLaurin	2005	Dr Simon Janvrin (M)
1959	D G King Hele	1985	M R Pike (F)	2005	Dr Jack Pike
1960	H G R Robinson	1986	D C R Link (F)	2006	N Scott (F)
1961	L Haworth (F)	1987	E L Goldsmith	2007	Flt Sgt A Reeves
1962	Dr A J Barrett (AF)	1988	S A Holloway	2008	R Cansdale
1963	H H Pearcey (AF)	1989	R O R Chisholm	2009	Dr A M Segal
1964	H P Y Hitch (AF)	1990	Dr N J Taylor	2011	Dr E Cook
1965	H L Cox (F)	1990	W D Bryce	2012	S Carignan
1966	E C Maskell (F)	1991	C R Taylor	2012	M R Maltby
1967	Dr E H Mansfiels (F)	1991	J C Gibson	2013	G W Redgrave (F)
1968	K R Brown	1992	D G Mabey (F)	2013	R G W Cherry (F)

Team Bronze Medallists

2005	JSF Manufacturing Development Team	2009	Fleet FS (Air) MASU Repair	2012	CADS Project Team
2008	BAE Systems Autonomous Systems & Future Capability UAV Team	2010	Space Innovation and Growth Team	2013	NEPTUNE Development Team
		2010	AW159 Wildcat/Lynx Mk9A Design Team		

Flight Operations Medallists

1998	J Lavaroni	2003	P Boor	2011	P G Richards
1999	A Smith	2008	Captain R Macdonald	2012	P D Moxham
2000	Captain D H Akhurst	2009	Captain J Danning MBE	2013	Captain D A J Martin
2001	Captain C Elton	2010	Captain R Kohn		

Flight Simulation Medallists

1991	W-D Hass	1999	N Seavers	2009	Sqn Ldr M E J Hickmott
1992	B Hampson	2000	B Cavadias	2010	M Blackwood
1993	E Boothe	2003	D Irving	2011	Dr E Cook
1994	Captain W Wooden	2004	R Curnutt	2012	P J B Tharp
1995	S J Anderson	2006	Captain I C Watkins	2013	Captain D Harms
1997	R Frasca	2007	Dr D White		
1998	Captain P Carver	2008	O Wynn		

Alan Marsh Medallists

1958 Lt Cdr G G R Millier	1972 Captain D H Eastwood	1990 P J G Harper
1960 Flt Sgt B Breach	1973 L R Moxam	1992 Flt Lt P A Bell
1961 J Brannon	1974 Captain A C Gordon	1992 Flt Lt C J Lewis
1962 C T C Hosegood	1976 Flt Lt J R A Whitney	1993 A Warner
1963 Wg Cdr K H Wallis	1977 Sqn Ldr G R Spate	1995 C W Hague
1964 K M Reed	1979 K F Robertson	2000 D Reid
1965 Lt Cdr J G P Morton	1981 Lt Cdr K N Atkin	2002 J E M Mustard
1966 Major R O I Woodbridge	1982 Lt Cdr N Arnall Culliford	2006 A Strachan
1967 W H Sear	1983 Captain R A Lister	2009 N Talbot
1968 Sqn Ldr M A McNeile	1984 Captain D A Creamer	2011 Sqn Ldr D Marsden
1969 J L Barnes	1987 J T Egginton	2012 S Carignan
1970 Major H B Warburton	1988 Lt Cdr R I Horton	2013 Captain M R Prior
1971 Cdr L G Locke	1989 S M StC Collins	

Geoffrey Pardoe Space Award

1994 J Byrne	2004 J Morgan	2008 Skynet 5
1995 Dr R A Rowntree	2005 Professor J L Culhane	Space Team, EADS-Astrium
1996 M J Painter OBE	2006 A Thirkettle	2009 J Ellwood
1999 Dr M Fouquet	2007 UK TopSat Team, QinetiQ, Surrey Satellite	2010 W Whitehorn
2000 C McInnes	Technology Ltd, Rutherford Appleton	2011 A Bond
2001 Dr D Fearn	Laboratory, Infoterra	2012 P Wood
2002 P Down	2007 GIOVE-A Team, Surrey Satellite	2013 J Thatcher (M)
2003 I V Munro	Technology Ltd (SSTL)	

Turnbuckle Award

1994 J E Humphreys	2000 B Newton	2009 R W Alcorn
1995 A N Nash	2001 Sqn Ldr M Hepworth	2010 A Barnes
1996 P J Adams (F)	2002 Wg Cdr L Reid	2011 J M Rainbow OBE (F)
1998 Ping Kit Chan	2003 Sqn Ldr C Chippington	2012 M Skinner
1999 R C 'Bob' Williams	2004 J Craike	

Young Persons' Achievement Award

2007 P Williams	2010 S Bidwell	2013 C Hutchin
2008 M Bell	2011 Dr G Ivetic	
2009 H Nobbs	2012 C Lane	

Young Persons' Achievement Commendations

2009 K Thomason	2011 M Hartley	2013 Brunel University, Aerospace and Aviation
2009 G Cardozo	2013 C Argote	Engineering Team

Alan Marsh Young Persons' Award

1998 N Hackett	2004 E Lewis	2008 C Jackson
1999 M Orchard	2005 S Edwards	2009 C Shields
2000 J Howitt	2006 M Couchman	2010 L Gray
2001 A Alford	2006 A Ramage	2011 P Langworthy
2002 M Tucker	2007 R Buchanan	2012 S Gates
2003 Dr C Harrison	2007 D Belt	2013 A Massaro

NE Rowe Medallists

(under 25 age group)

2004 Iansteel Achunche, Southampton Branch	2007 Hannah Nobbs, Yeovil Branch	2012 Jamie Ottaway, Boscombe Down Branch
2005 Mark Wills, Bristol Branch	2010 Mark Holton, Yeovil Branch	2012 Hannah Latham, Derby Branch
2006 Daniel Marshall, Farnborough Branch	2011 Ulrich Walach, Solent Branch	2013 James Ibbitson, Yeovil Branch

(25-30 age Group)

2004 Matt Fox, Stevenage Branch	2007 Phillip Williams, Bristol Branch	2011 Alicia Carpenter, Stevenage Branch
2005 Robert Rolfe, Farnborough Branch	2008 Alexander Moerchel, Derby Branch	2012 Benjamin Hewlett, Stevenage Branch
2006 Marc Merlin Konrad, Bristol Branch	2009 Dr Ian Edmonds, Derby Branch	2013 Filomeno Martina, Cranfield Branch

(under 23 age group)

2000 Robin Dickenson, Bristol Branch	2002 Jennifer Goodman, Bristol Branch
2001 Paul Clark, Manchester Branch	2003 Tareq Nazlawy, Stevenage Branch

(23-27 age group)

1995 Benoît Massal	1998 Conal Walker, Stevenage Branch	2000 Darren Ansell, Preston Branch
1996 Jean-Christian Bordier	1998 Richard Wood, Preston Branch	2001 David Starling, Bristol Branch
1997 Michael Jump	1999 Richard Fisher, Stevenage Branch	2003 Stuart Woolvin, Farnborough Branch

NE Rowe Certificates of Merit

(under 25 age group)

2004 Helen Webber, Bristol Branch	2008 Rajesh Odedra, Birmingham, Wolverhampton & Cosford Branch	2011 Jorgina Busquets, Astrium
2004 Kwame Bekoe, Farnborough Branch	2010 Tomos Edwards, Boscombe Down Branch	2012 Blake Charles, Yeovil Branch
2005 Andrew Morley, Solent Branch		

(25-30 age group)

2004 Steven Dean, Farnborough Branch	2010 Adam Newman, Derby Branch	2013 Jonathan Nash, South African Division
2010 Sathyakumar Sharma, Manchester Branch	2012 Christopher Moore, Yeovil Branch	

(under 23 age group)

2001 Steven Phillips, Bristol Branch	2002 David Rose, Bristol Branch
--------------------------------------	---------------------------------

(23-27 age group)

1999 John Mackie, Manchester Branch	2002 Carl Warren, Stevenage Branch
2001 Dr Simon Forsyth, Stevenage Branch	2003 Mohammed Afsar, Bristol Branch



ROYAL
AERONAUTICAL
SOCIETY

2014 *Honours, Medals & Awards*

The most prestigious and long-standing awards in global aerospace honouring achievements, innovation and excellence.

The Society's Medals and Awards are open to everyone in the global aerospace community — from senior professionals to students and graduates.

Do you know an individual or team that has made an outstanding contribution to aerospace and merit recognition? Nominate them today. The nomination form can be found on our website www.aerosociety.com/medalsandawards. The closing date for the 2014 round is 31 March 2014.

For further information call Anna Banton on +44 (0)20 7670 4312 or email anna.banton@aerosociety.com

Royal Aeronautical Society
No.4 Hamilton Place
London
W1J 7BQ
United Kingdom

T +44 (0)20 7670 4300
F +44 (0)20 7670 4309
E raes@aerosociety.com
www.aerosociety.com