



ROYAL  
AERONAUTICAL  
SOCIETY

2012  
*Medals & Awards*

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# RAeS 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.

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# RAeS Awards

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.

### ING SANTINO PANCOTTI

HEAD OF PRELIMINARY DESIGN OFFICE, AGUSTAWESTLAND

AgustaWestland is recognised for world class rotary wing design expertise: a position achieved by the endeavours of many individuals but the ingenuity, vision and achievements of Ing Santino Pancotti stands out as an example to all.

Ing Pancotti's influence is perhaps best evidenced by his inspiration and leadership of the multidisciplinary design team that was formed to create and certify the hugely successful AW139.

The engineering innovation that Ing Pancotti has brought to programmes ranging from light rotary wing to the tiltrotor, as shown by many patents in his name, provides a lasting legacy to our Industry.

## Honorary Fellowship

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

### PROFESSOR MICHAEL GASTER

RESEARCH PROFESSOR IN EXPERIMENTAL AERODYNAMICS,  
UNIVERSITY OF LONDON

For his outstanding contributions to aerodynamics, in particular the study of laminar-turbulent transition phenomena and significant contributions in both the experimental and theoretical arenas.

These contributions include his seminal research into laminar separation bubbles, still cited over 50 years on; the Gaster Transformation used to convert between temporal and spatial stability of boundary layers; his pioneering flight test research work into the application of laminar flow on wings, carried out for Handley Page; his world-leading wind-tunnel research into instability wave packets in laminar boundary layers; and his invention of the Gaster Bump and other devices for the control of attachment-line turbulence.



# RAeS Medals



## RAeS Gold Medal

For work of an outstanding nature in aerospace.

### ELON MUSK

CEO, SPACEX

Elon Musk is being awarded the Royal Aeronautical Society Gold Medal in recognition of his work and pivotal contribution to major advances in the commercialisation of space. In just ten years since 2002 he has taken SpaceX from a start-up company to a world market leader in the intensively competitive satellite launcher sector. He was Chief Engineer for Falcon 1, the first privately developed liquid-fuelled rocket to reach orbit. The SpaceX Dragon Spacecraft, for which he was the lead designer, was the first ever private sector recoverable capsule and now carries supplies to and from the International Space Station.

Driven by a vision of the future of missions to earth orbit and beyond, his drive, ingenuity, resourcefulness, innovative ability and commitment mark him out as exceptionally well fitted to join the community of pioneers whose unique impact on, and contribution to, advances in the art and science of aeronautics and aerospace have previously been recognised through the award of the Society's Gold Medal.

## RAeS Silver Medal

For work contributing to major advances or contributions in aerospace.

### ROBERT SMITH

ENGINEERING DIRECTOR COMBAT AIR, BAE SYSTEMS

Bob Smith has played a distinguished and leading role for 30 years on Eurofighter Typhoon, the UK's largest and most complex engineering programme. He has been Chief Engineer for the past 17 years, leading a project that has driven the UK science & technology base in composites, radar, electronics, software and electromagnetics as well as creating high levels of high tech employment across the nation in design & manufacturing.

He has personified the qualities of a truly international engineering leader through design, manufacture, and entry into service across Europe and into export markets.





## RAeS Team Silver Medal

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

### CAMPS DEVELOPMENT PROJECT TEAM

SAAB ELECTRONICS DEFENCE SYSTEMS

The team successfully conceptualised and integrated a system suitable for protection of civilian transport aircraft against shoulder-launched IR-guided anti-aircraft missiles. The system is named Civil Aircraft Missile Protection Systems (CAMPS).

The system makes available and affordable missile protection to transport aircraft, thus enabling essential humanitarian and other air operations in areas threatened by war and terror activities.



## RAeS Bronze Medal Accompanied by the Alan Marsh Medal

Conferred for work leading to advances or contributions in aerospace. The Alan Marsh Medal originated with the Helicopter Association of Great Britain and recognises outstanding helicopter pilotage delivered in the field of helicopter research.

### STEPHAN CARIGNAN

PROGRAMME MANAGER, INSTITUTE FOR AEROSPACE RESEARCH

Stephan Carignan has been actively involved in helicopter test flying for more than 20 years, and during that time, has made an outstanding contribution to helicopter research, development, research and safety which is recognised worldwide.

His work has directly contributed to the development of handling qualities requirements for ship borne operations, fly-by-wire control laws, reducing the risks in brown-out and white-out conditions, development of advanced tactile cues, commissioning of modified flight platforms for in-flight research and the data gathering required to satisfy Level D simulation for a wide range of helicopter types.



## RAeS Bronze Medal

Conferred for work leading to advances or contributions in aerospace.

### MARTIN MALTBY

TECHNICAL DIRECTOR, EUROPROP GMBH

Martin Maltby has served at EPI since July 2009 as the Technical Director and has provided leadership to all the major European gas turbine manufacturers to bring the largest and most advanced Western Turboprop engine and the first European Turboprop in 30 years from development status through engine certification and the entire system is prepared for entry into service.

Martin's technical leadership of the main European engine companies jointly to develop an engine and maturing the complex turboprop engine from development status to a product fit for certification rank among his finest contributions in Europrop International GmbH.





## **RAeS Team Bronze Medal**

Conferred for work leading to advances or contributions in aerospace.

### **CADS PROJECT TEAM**

BAE SYSTEMS DEFENCE INFORMATION, TRAINING & SERVICES

Centralised Aviation Data Service (CADS) has enhanced the Safety of Military Night Flying in designated Low Flying Areas by allowing the sharing of flight plans, locally identified hazards and issues between bases as well as multi base simultaneous rehearsal of planned manoeuvres. A PC-based web service, CADS allows crews from all three services to plot their planned sorties and receive alerts about potential conflicts with other aircraft.

CADS also gives crews the ability to annotate dangers, such as wires, masts and pylons, for all to see. Future additions will include the ability to also introduce meteorological data and notice to airmen.

# *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.

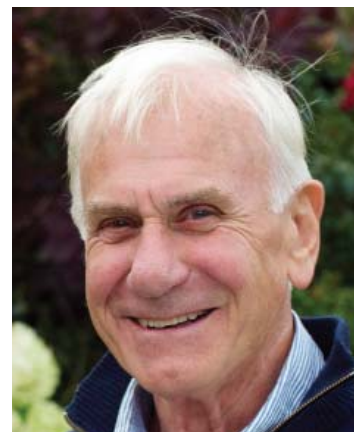
## **Specialist Silver Awards**

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

### **PROFESSOR JOHN HARVEY**

IMPERIAL COLLEGE/UNIVERSITY OF CAMBRIDGE

Over many decades Professor John Harvey has made significant contribution to the development of aerodynamics in the UK. Two areas stand out in particular, his ground-breaking work in the development of numerical simulation tools for hypersonic low-density flows and his work for the motor industry where he has played a key role in the design of many major wind tunnels and their associated instrumentation. This has strongly contributed to making the UK a centre for Formula 1 aerodynamics.





## RICHARD CORRAN

ROLLS-ROYCE PLC

Richard Corran has worked in structural integrity in the gas turbine for over twenty years with particular attention to Critical Rotating Parts. He has developed the application of probabilistic methods to address the issue of anomalies arising in material, manufacture and service, starting with the response of both Rolls-Royce and later the industry to the Sioux City and Pensacola events and worked with an international group to develop harmonised rules for Critical Rotating Parts in the regulations of both Europe and North America. He has initiated and led three collaborative cross industry European programmes.

## Specialist Bronze Awards

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

### ANDREA D'ANDREA

AGUSTAWESTLAND

Andrea D'Andrea has been working at AgustaWestland Aerodynamics Department since 2002, and has been managing the Rotor Aerodynamics Group since 2009. His team has established the aerodynamic design of all the most recent rotor blades equipping the AW149, AW189 and the AW169 rotors.

He has led the development of advanced physics-based computational and performance tools (CFD and freewake vortex methods) which have been of fundamental importance to the design of a feasible variable speed rotor for the AW169, able to both increase performance and reduce acoustic emissions. He has been author (or co-author) of 14 conference papers (AHS, ERF, AIDAA) just in the last three years, dealing with complex helicopter aerodynamic problems.



### STEVE PARKES

UNIVERSITY OF DUNDEE

Steve Parkes has been instrumental in the inception, development and on-going success of the SpaceWire standard for spacecraft on-board data handling. He sits on the ESA SpaceWire working group and is the author of the ECSS-E-ST-50-12C standard.

SpaceWire is now widely used by space agencies and commercial operators around the world, including NASA, ESA, JAXA, ROSCOSMOS and Inmarsat. Steve Parkes is currently Director of the Space Technology Centre at Dundee University and the founder of Star Dundee Ltd.

**DAN LOBB**

SURREY SATELLITE TECHNOLOGY LTD

Dan is one of Europe's leading designers of space-borne optical instruments. Dan has worked in the field of precision optics for half a century, having started in the early 1960s. For the past 25 years Dan has worked on optical systems designed for a wide variety of Space missions. During this period Dan has acted as the chief designer of many innovative & highly successful space instruments for UK and International space missions including the UK-built NigeriaSat-2 high resolution imaging satellite launched in August 2011.



# Specialist Groups' Awards

The Specialist Groups' 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**



**PETER MOXHAM**

INTERNATIONAL PROFESSIONAL PILOT TRAINING GROUP

Peter has spent a lifetime in civil aviation, initially in commercial operations but later specialising in professional pilot training and Flight Crew Licensing regulation. Peter Moxham retired as Director, Sales & Marketing, Oxford Aviation Training in 2000, and has subsequently acted as adviser to Oxford and other training organisations seeking to improve the quality of selection and training of individuals to meet today's needs for multi-crew pilots.

Peter has been a member of the JAA Licensing Sectorial Team since its formation and is currently a member of the EASA Group FCL001 creating the new regulations for Europe relating to Flight Crew Licensing. He is also Chairman of the BBGA Professional Pilot Training Group, Chairman of the International Professional Pilot Training Group, a Livery member of the Guild of Air Pilots and Air Navigator since 2009.



## **Flight Simulation Group Award Accompanied by the Flight Simulation Medal**

### **PETER THARP**

INTERNATIONAL COMMITTEE FOR FSTD QUALIFICATION

Mr Tharp has increasingly used his extensive experience and expertise gathered in a long and successful career in the flight simulation industry to serve the wider interests of the simulation and training community, and in recent years has played the pivotal role in initiating, developing, and bringing to fruition a number of globally important and ICAO-recognised, projects, setting standards and procedures to be adopted throughout the industry. His unfailingly good-humoured energy, skill and selflessness are an example to his many colleagues and contacts.



## **Space Group Award Accompanied by the Geoffrey Pardoe Space Award**

### **PATRICK WOOD**

ASTRIUM SATELLITES

Patrick is Chief Engineer of Britain's, and arguably Europe's, leading manufacturer of spacecraft. His combination of engineering, management, political and commercial skills was demonstrated as Programme Director of MoD's highly successful £3.5 billion Skynet 5 satellite communications system — the largest MoD PPP programme currently in service. Patrick is also a long-standing Officer of the Stevenage Branch of the RAeS.



## **Air Worthiness Group Award Accompanied by the Turnbuckle Award**

### **MICHAEL SKINNER**

CHIRP AND BRITISH AIRWAYS

Michael has not only served the industry and the RAeS throughout his working life, but has been the driving force behind the Maintenance Error Management Systems. Michael is responsible for its introduction to the industry and for developing the engineering error reporting via CHIRPS, which continues successfully to this day and is widely read by Licensed Aircraft Engineers and those involved or active in the Aircraft Maintenance environment.



# Young Persons' Awards

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

## Young Persons' Achievement Award

**CHRISTOPHER LANE**

ROLLS-ROYCE PLC

Christopher has developed an ultrasonic array system to inspect single-crystal aerospace components for potential defects. The system is designed to be used in situ which ensures the highest component integrity while eliminating the expensive and time-consuming process of disassembling the engine prior to inspection. Single-crystal alloys are used extensively in the aerospace industry for their excellent mechanical properties at elevated temperatures.

However, single-crystals are highly anisotropic causing directional variation in ultrasonic waves. Without correction this invalidates the inspection. Therefore, the system is able to measure the crystallographic orientation of the component and correct for the effects of anisotropy to ensure the highest inspection sensitivity.



## Alan Marsh Young Persons' Award



**STUART GATES**

AGUSTAWESTLAND

Stuart has been working in the Aerodynamics Department in AgustaWestland since December 2006. He has been involved in developing, testing and applying to helicopter products and tiltrotors new generation, high fidelity Computational Fluid Dynamics (CFD) methods greatly participating to the successful development of new generation rotorcrafts produced by the company (in particular the AW169 Helicopter). On this project, Stuart has been involved in the complex performance analysis of both rotors and fuselage giving particular emphasis to complex three-dimensional aerodynamic flow interaction. An example of his work is given by his innovative design of a totally new realisation of the integrated rear fuselage strake on the AW169 helicopter.

## NE Rowe Medal — 25 - 30 Age Group

**BEN HEWLETT**

MARSHALL AEROSPACE

Presented his paper titled 'The Horton (HO) IX - A Brief History of this Remarkable Aircraft' at the Stevenage Branch Young Persons Lecture Evening.

Ben graduated from the University of Hertfordshire in 2009 with a Masters in Aerospace Engineering. Following this, he joined Marshall Aerospace as a Structural Design Engineer where he has worked on the repair and modification of the C-130 Hercules and L-1011 TriStar aircraft. He is currently working as a liaison engineer at RAF Brize Norton.



## NE Rowe Medals — Under 25 Age Group



**JAMIE OTTAWAY**

QINETIQ

Presented his paper titled 'The British Experimental Rotor Programme' at the Boscombe Down Branch Young Persons Lecture Evening.

Jamie Ottaway is a fourth year mechanical aircraft technician apprentice working for QinetiQ at MoD Boscombe Down and he is 21 years old. He has completed placements maintaining aircraft such as Tornado F3, Alpha Jet, Hawk TMk1, Sea King, Chinook Mk4, Merlin Mk2 and the venerable Andover and BAC 1-11. His aspiration is to work on rotorcraft, particularly the Apache AH-64.

## HANNAH LATHAM

ROLLS-ROYCE PLC

Presented her paper titled 'The Open Rotor Concept - The Delights & The Difficulties' at the Derby Branch Young Persons Lecture Evening.

Hannah Latham graduated from the University of Cambridge in 2009 with an MEng degree in Mechanical/Aeronautical Engineering and subsequently joined Rolls-Royce as a Civil Aerospace Engineering Graduate. Her current role in the Strategic Research Centre focuses on investigating and developing technologies for the 20-50 year horizon.



## NE Rowe Certificate of Merit — 25-30 Age Group



**CHRISTOPHER MOORE**

AGUSTAWESTLAND

Presented his paper titled 'Solid Particle Impingements on Rotor Blades' at the Yeovil Branch Young Persons Lecture Evening.

Christopher studied Materials at the University of Birmingham graduating in 2006. He joined AgustaWestland Ltd as a graduate engineer undertaking a number of roles around the company, including qualifying new materials for blades, providing engineering support to the customer and my current role providing non metallic material support.

## NE Rowe Certificate of Merit — under 25 Age Group

### BLAKE CHARLES

UNIVERSITY OF SURREY

Presented his paper titled 'Tablet Technology and Electronic Flight Bags within Aerospace' at the Yeovil Branch Young Persons Lecture Evening.

Blake is currently studying for an MEng Aerospace Engineering degree at the University of Surrey and has just entered his third year of academic study. Blake joined AgustaWestland on their undergraduate engineering scheme in one year placement lasting from June 2011-June 2012.



# Roll of Honour

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

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

## Honorary Fellows

1950 Sir Thomas Sopwith	1984 J T Stamper	1997 J Pierson
1953 HRH The Duke of Edinburgh	1984 Professor A D Young	1997 N Augustine
1954 Air Commodore Sir Frank Whittle	1984 Sir Philip Foreman	1997 J Cunningham CBE
1957 HRH The Prince of The Netherlands	1985 J F Sutter	1998 M Flanagan
1959 Professor J Ackeret	1985 HM King Hussein of Jordan	1998 R Belyakov
1960 Sir George Edwards	1985 Sir Roy Sisson	1998 R Yates
1962 N E Rowe	1986 Professor J H Argyris	1998 S Ajaz Ali
1963 Sir Alfred Pugsley	1986 Dr K G Wilkinson	1999 A Caporaletti
1964 Sir Denning Pearson	1987 F Cereti	1999 D Burrell
1965 Sir Arnold Hall	1988 Professor H Ashley	2000 N Barber
1969 Dr R R Gilruth	1988 G P Dollimore	2000 Professor Ing E Vallerani
1969 Lord Kings Norton	1989 Admiral Sir Raymond Lygo	2000 R Collette
1969 Sir Archibald Russell	1989 Air Marshal Sir Charles Pringle	2000 Sir Donald Spiers
1970 Sir Robert Cockburn	1989 F d'Allest	2001 A C Welch OBE
1971 Professor Sydney Goldstein	1989 Admiral Sir Raymond Lygo	2001 Dr B Halse
1974 S D Davies	1990 P A Hearne	2001 J Bechat
1975 C Abell	1990 Sir James Lighthill	2001 Sir Arthur Marshall OBE
1975 H A L Ziegler	1991 Sir Ralph Robins	2002 A Mulally
1976 Sir Keith Granville	1992 Professor Em Dr-Ing K H Doetsch	2003 P C Ruffles CBE
1977 Sir William Hawthorne	1992 Sir John Charnley	2003 Professor Sir John Horlock
1978 HRH The Prince of Wales	1992 G H Lee	2003 J Thomas
1978 Dr O Nagano	1993 HRH The Duke of Kent	2003 A A D Henshaw MBE
1978 Dr W Tye	1993 Professor Dr-Ing B J Habibie	2004 Captain E M Brown CBE
1979 Professor D Keith-Lucas	1993 R W Howard	2005 Sir Michael Cobham
1980 E H Heinemann	1994 Baroness Platt of Writtle	2006 General Charles E Yeager
1980 Sir Frederick Page	1994 Lord Tombs of Brailes	2006 Air Vice-Marshal Professor R A Mason
1980 Sir Peter Masefield	1994 S Gillibrand	2007 A Garcia
1981 Sir Robert Hunt	1995 C H Kaman	2008 Professor B Skews
1982 H Davies	1995 Professor J L Stollery CBE	2009 W K Maciver CBE
1983 Dr G S Hislop	1995 R W McNulty CBE	2009 G Page CBE
1983 Professor Dipl-Ing G Madelung	1996 P M Condit	2012 Ing S Pancotti
1983 R H Beteille	1996 Sir Richard H Evans CBE	2012 Professor M Gaster

## Honorary Companions

1961 Sir John Toothill	1985 F A A Wootton	1996 Sir Neil Cossons
1963 Lord Wilberforce	1986 G Pattie	1997 A J Goldman
1965 L A Wingfield	1987 Sir Norman Payne	1997 R D Lapthorne
1966 J Davison	1988 Sir Colin Marshall	1998 P Martin
1973 Lord Elworthy	1989 Air Chief Marshal Sir Peter Harding	1999 HE Sheikh Hamdan bin Mubarak Al Nahyan
1975 H Kremer	1989 M D Bishop	2000 HE Sheikh Ahmed Bin Saeed Al Maktoum
1975 Sir R Verdon-Smith	1990 T Mayer	2002 J Travolta
1978 J R Stainton	1991 R F Baxter	2002 R Turnill
1979 Lord Keith of Castleacre	1991 Sir Adrian Swire	2003 Dr C C Kong
1980 Sir Arthur Marshall	1992 Dr T A Ryan	2007 D Piggott
1982 Sir Douglas Lowe	1993 Sir Richard Branson	2010 Giovanni Bisignani
1983 L C Hunting	1994 Professor C J Pennycuik	
1985 Lord King of Wartnaby	1995 Air Marshal M Nur Khan	

## 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	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 (HF)	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 Townsend	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
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 Grinstead (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)		

## RAeS Team Silver Medallists

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

## RAeS Bronze Medallists

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

## Team Bronze Medallists

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

## Flight Operations Medallists

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

## Flight Simulation Medallists

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

## Alan Marsh Medallists

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

## Geoffrey Pardoe Space Award

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

## 'Turnbuckle' Award

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

## Young Persons' Achievement Award

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

## Young Persons' Achievement Commendation

2009 K Thomason	2009 G Cardozo	2011 M Hartley
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## 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	

## NE Rowe Medallists

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### (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	

### (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	

### (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)

1997 Michael Jump	1999 Richard Fisher, Stevenage Branch	2003 Stuart Woolvin, Farnborough Branch
1998 Conal Walker, Stevenage Branch	2000 Darren Ansell, Preston Branch	
1998 Richard Wood, Preston Branch	2001 David Starling, Bristol Branch	

## NE Rowe Certificates of Merit

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### (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
2010 Sathyakumar Sharma, Manchester Branch	2012 Christopher Moore, Yeovil Branch

### (under 23 age group)

2001 Steven Phillips, Bristol Branch	2002 David Rose, Bristol Branch
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### (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





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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](mailto:raes@aerosociety.com)  
[www.aerosociety.com](http://www.aerosociety.com)