



The Philadelphia Chapter of the
American Helicopter Society
and
The Greater Philadelphia AIAA
Proudly Present A



JOINT DINNER MEETING

Tuesday, April 13th, 2010

Program: **“The Space Age at 53 and Counting”**

Speaker: **Dr. Robert Loewy, Professor, School of Aerospace Engineering, Georgia Institute of Technology**

Sponsor: **Rockwell Collins**



Place: **D’Ignazio’s Towne House Restaurant,
117 Veterans Square, Media, PA 19063**

Time: **Cocktails - 5:30 pm, Dinner - 6:30 pm, Presentation - 7:30 pm**

Menu: **Filet Mignon, Baked Salmon Béarnaise, Chicken Cordon Bleu, Veg Option**

Registration: **Please RSVP as early as possible. *Deadline Friday April 9th Please!***

AHS/AIAA Members	\$ 25.00
AHS/AIAA Member + Spouse	\$ 45.00
Guests of AHS/AIAA Members*	\$ 30.00
Non-Members	\$ 35.00
AHS/AIAA Student Members	\$ 15.00

** Please fill out the guest voucher on Page 3 of this flier to receive the guest rate.*

Reservations: **email: dinnermeetings@ahsphillypa.org
Phone: 610-522-4973 (please speak slowly and clearly)**

Please provide [1] first & last name, [2] menu selection, and [3] registration type.

**If you need to cancel your registration PLEASE do so by
10 AM the day of the meeting.**

NO-SHOWS COST YOUR CHAPTER MONEY!

**Dr. Robert G. Loewy,
School of Aerospace Engineering
Georgia Institute of Technology**



About our speaker

Dr. Robert G. Loewy is currently Professor of Aerospace Engineering at Georgia Tech. He received degrees from Rensselaer Polytechnic Institute (BAE, '47), Massachusetts Institute of Technology (MS, '48), and the University of Pennsylvania (Ph.D., '62). Robert Loewy spent 14 years in the aerospace industry as an engineer with increasing levels of responsibility at companies which have become Lockheed-Martin, Calspan and Boeing Helicopters, culminating in the position of Chief Technical Engineer at the last of these. At the University of Rochester from 1962 to 1973, Dr. Loewy held positions of Professor, Director of the Space Science Center, and Dean of the College of Engineering and Applied Science. During 1965-1966, on leave from the University, he was Chief Scientist of the U.S. Air Force.

Dr. Loewy was Provost and Vice President for Academic Affairs at Rensselaer Polytechnic Institute from 1974-1978; from 1978-1993, Institute Professor of Aeronautical Engineering and Mechanics; and from 1982 to 1993, Founder and Director of the Rotorcraft Technology Center there. From Dec. 19, 1993 to January 2009 he was the William R.T. Oakes Professor and Chair of the School of Aerospace Engineering at Georgia Tech.

Dr. Loewy is an Honorary Fellow of the American Helicopter Society and of the American Institute of Aeronautics and Astronautics. A Fellow of the American Association for the Advancement of Science, he has been Chairman of the Air Force Scientific Advisory Board, NASA Aeronautical Advisory Committee, and the FAA's Technical Advisory Panel. He received the Lawrence Sperry award of the AIAA, and the Spirit of St. Louis Medal of the ASME. He was Nikolsky Lecturer of the AHS in 1984, Dryden Lecturer in Research of the AIAA in 1999, and he was elected to the National Academy of Engineering in 1971. Dr. Loewy was awarded NASA's Distinguished Public Service Medal, and was thrice awarded the Decoration for Exceptional Civilian Service by the U.S. Air Force. Dr. Loewy was awarded the Guggenheim Medal for 2006. Dr. Loewy was inducted into the RPI Alumni Hall of Fame in 2009.

Dr. Loewy was President of the American Helicopter Society in 2002-2003 and Board Chairman in 2003-2004.

Rockwell Collins

About our sponsor....

For over 75 years, Rockwell Collins (NYSE: COL) has been recognized as a worldwide leader in the design, production, and support of communication and aviation electronics for commercial and government customers. The company's 20,000 employees in 27 countries deliver industry-leading communication, navigation, surveillance, display, flight control, in-flight entertainment, information management, and maintenance, training and simulation solutions.

Rockwell Collins provides a variety of solutions to meet the operational demands and space constraints of Cargo/Utility and Attack Rotary Wing aircraft. Their reliable and maintainable modular avionics system and common digital cockpit integrate equipment ranging from navigation and communications to displays and controls. Their open systems architecture is scalable to meet varying system requirements and supports third-party development to ensure future growth.

Their most recent contribution to the helicopter world is on the Canadian Maritime Helicopter Project (MHP). The project consists of 28 Sikorsky Aircraft H-92 helicopters, designated the CH148 Cyclone by the Canadian Forces. Rockwell Collins will provide cockpit displays, helmet mounted displays, avionics management, communications and navigation systems. Their contribution goes beyond the helicopter itself to include a number of maintenance and part task training systems and two full-flight Level D equivalent simulators.

In March 2010, Vision Systems International, a joint venture between Elbit Systems of America, and Rockwell Collins, announced the successful first flight of the F-35 Gen II Helmet Mounted Display System (HMDS) on the F-35B Lightning II Short Takeoff/Vertical Landing (STOVL) jet. Rockwell Collins' next generation avionics have recently made first flights on Boeing's new 747-8 Freighter and 787 Dreamliner.

In addition to their technical advances, Rockwell Collins has been recognized by numerous professional associations. The Rockwell Collins MultiScan™ Hazard Detection system has received the 2010 Aviation Technology Achievement Award. Rockwell Collins has been named to Savoy Professional magazine's 2009 "Top 100 Companies to Work For" list.

For more information, Contact Rockwell Collins at:

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Switchboard: 319.295.1000

email: learnmore@rockwellcollins.com

Website: www.rockwellcollins.com

Thank you for joining us this evening and your interest in the AHS. Please fill out this guest voucher to receive the guest rate.

AHS Philadelphia Chapter Dinner Meeting Guest Voucher

Guest's Name: _____

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AHS / AIAA (circle one)

