Philadelphia Chapter of the American Helicopter Society

DINNER MEETING
Tuesday, January 10th, 2012

Program: Navy Rotary Wing Flight Test – Experiences, Challenges & Successes

Speaker: CAPT Steven Labows, USN
Commander DCMA Boeing Philadelphia

Sponsor: Piasecki Aircraft Corporation

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

Time: Cocktails - 5:30 pm, Dinner - 6:30 pm, Presentation - 7:15 pm

Menu: Filet Mignon, Crab Cakes, Herbed Chicken Breast or Vegetarian Ravioli

Registration: Deadline Noon Monday January 9th Please!
Members $25
Member + Spouse $45
Guests of AHS Members $30
Non-Members $35
Student Members $15

* Please fill out the guest voucher on reverse side to receive the guest rate.

Reservations: email: dinnermeetings@ahsphillypa.org  Phone: 610-522-4973
If you need to cancel your reservation please do so by 10 AM.

About our sponsor …
Piasecki Aircraft Corporation (PiAC) was founded by Frank Piasecki. Through its more than 60 year history, PiAC has been responsible for some of the most revolutionary advancements in rotorcraft technology. Most notably, is the development of the tandem rotor in 1945. This technology dramatically increased the size and weight capabilities of a single rotor helicopter based on the available materials. This technology has evolved into four generations of helicopters with the XRP, H-21 Shawnee, CH-46 Sea Knight and CH-47 Chinook.

Piasecki’s visionary design team also lead them to develop the compound helicopter. The first of its kind was the 16H-1 Pathfinder, which took its first flight on February 21st, 1962. The Pathfinder replaced the traditional tail rotor with a ducted fan to provide control and additional thrust. The design also includes a wing to provide lift at higher speeds and reduce vibratory loads. This technology has been further developed on the X-49A Vectored Thrust Ducted Propeller [VTDP] Speedhawk. The X-49A recently successfully completed Phase one and the US Army and Congress have identified funding to continue the program through the 2009 fiscal year, following results of the Army’s review of the final test report.

In all, Piasecki has been responsible for development of over 28 different vertical lift systems, which have resulted in generation of over $16 billion of direct economic activity for the U.S.

PiAC is located in Essington, PA and occupies 55,000 sq. ft. of engineering and manufacturing space. PiAC employs approximately 60 full and part time engineering, manufacturing and quality control personnel. Piasecki Aircraft has been a loyal sponsor of the American Helicopter Society, Philadelphia Chapter.
INNOVATIONISTS

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X-49A Vectored Thrust Ducted Propeller Technology Demonstrator

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Piasecki Aircraft is seeking talented and motivated people interested in a challenging career advancing innovative technologies. Please contact at:
Fax: [610] 521 5935 or E-mail: hr@piasecki.com
www.piasecki.com
CAPT Steven Labows, USN
Commander DCMA Boeing Philadelphia

About our speaker …

Captain Labows is a native of Horsham, Pa. and was commissioned an Ensign in May 1988, after graduating from Cornell University with a degree in Mechanical Engineering. Following a summer of duty as the Administrative Officer of HSL-94 at NAS Willow Grove, he attended flight training in Pensacola Florida, and was designated a Naval Aviator in January, 1990.

After receiving his wings, Captain Labows was assigned to the “Packrats” of HC-3 in San Diego for training in the H-46D Sea Knight. He subsequently transferred to the “Chargers” of HC-6 in Norfolk where he served as Communications Officer and Quality Assurance Officer. In early 1991 he deployed on USS Santa Barbara in support of Operations Desert Shield and Desert Storm. That was followed with a Mediterranean/Adriatic deployment on USS Detroit in 1992.

In April 1994, Captain Labows was assigned to flight instructor duty at HC-3 and served as Pilot Training Officer. Upon selection to attend United States Navy Test Pilot School, Captain Labows attended Multi-Engine Transition Training at NAS Corpus Christi, Texas. He was a member of Test Pilot School Class 109, graduating in June 1996. Captain Labows was then assigned to the Attack/Assault Department of the Rotary Wing Aircraft Test Directorate at Naval Air Station, Patuxent River. His duties included Flight Test of the H-46D/E Dynamic Component Upgrade as well as Project Officer for the testing of the prototype MH-60S Sea Hawk, which ultimately replaced the H-46D in the Navy inventory. His efforts across multiple platforms resulted in his selection as the Naval Test Wing Atlantic Test Pilot of the Year for 1997. He was elected for membership in the Society of Experimental Test Pilots in 1998.

After his tour in Flight Test, Captain Labows was selected for transition to the Aerospace Engineering Duty Officer community. He then reported to Naval Postgraduate School where he earned a Master of Sciences degree in Aeronautical Engineering, graduating with Distinction and earning Best Thesis award in the March 2000 graduating class. In April 2000, Captain Labows assumed the duties as H-60 Class Desk Officer on the staff of Commander Naval Air Forces, Atlantic Fleet. He transferred to NAVAIR 4.1 as the Assistant Program Manager for Systems Engineering for the MH-60S from April 2003 to March 2006.

Captain Labows transferred to the HX-21 “Blackjack” as the H-60 Government Flight Test Director from April 2006 to December 2008. He led the Sea Hawk Test Team through Technical Evaluation of the MH-60S Armed Helicopter program and the initial test stages of numerous MH-60S Airborne Mine Countermeasure Systems and Pre-planned Product Improvements to the MH-60R, including Link-16.

In June 2007, Captain Labows received Individual Augmentation Orders to Multi-National Forces-Iraq. Upon completion of training at Fort Jackson he reported for a twelve-month tour of duty in Baghdad. Following three months as Budget Officer for MNF-I, he was selected to serve as Executive Officer to the Deputy Chief of Staff for Resources and Sustainment responsible for logistics issues in the Iraq theater of operations. He was responsible for crafting key briefings and facilitating critical engagements between senior level members of the U.S., Iraqi and Coalition staffs in support of Operation Iraqi Freedom.

Captain Labows took command of the Defense Contract Management Agency, Boeing Philadelphia office, in May 2009. In this capacity his team is responsible for all government contract administration services and aircraft acceptance at Boeing Defense Systems Rotorcraft Division.

Captain Labows’ personal awards include the Bronze Star, Meritorious Service Medal (three awards), Navy Commendation Medal (two awards), and Navy achievement Medal. He has accumulated over 2400 flight hours in 34 different aircraft. He is married to the former Emily Jean Bruce of Horsham, Pa. and they have four children, Brian, Christina, Olivia and Elizabeth.