

# Wing Tips

## THE AEROSPACE EDUCATION NEWSLETTER OF NEW YORK WING

Col Kenneth Andreu, Commander  
Lt Col Marilyn Rey, Dir. Aero Ed

Capt George Geller, Int. Aero Ed Officer  
Capt Richard Lauricella, Ext. Aero Ed Officer

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### **AEROSPACE EDUCATION MAIL STILL GOES TO GARDEN CITY**

Continue to send official Aerospace Education correspondence to the New York Wing building in Garden City. Please clearly mark the envelope to indicate that it is for Aero Ed so it won't be carried off to Westchester Airport and have to be brought back to Long Island. You can use ETA or DAE or Lt Col Rey or Aero Ed.

Aero Ed won't necessarily be working in the Garden City office during the winter months with the heat turned off, but will get over there to check the mail on a regular basis. We will turn up at Westchester County Airport, but definitely not every week.

### **YEAGER AWARDS**

NY Wing Aero Ed got a big surprise recently when we started getting requests for Yeager awards in the form of a piece of paper that looks like a Xerox of a Yeager Certificate with the person's name imprinted on it. National did not brief us about this.

We have to fill out a form and send it to National as part of the Yeager Award process. We have to put certain information on that form. In order to get that information, we first have to access the National Web site to find out what your serial number and charter number are. Then we have to get the certificate that pops up when you pass a test on-line. That has all the information that we need. Please print it out when it pops up and send it to us at Wing. Be sure to make a copy for yourself and a copy for your personnel file.

You can access a copy yourself by going to [www.cap.gov](http://www.cap.gov) click on MEMBERS then Operations then scroll to lower right and click Operations Online Exam Validation Tool. We want a hard copy of that test certificate for our file. It usually has a thick black border.

### **NER AERO ED OFFICER ACADEMY WAS CANCELLED**

Northeast Region had to cancel their planned Aerospace Education Officer Academy due to lack of participation. New York Wing External Aerospace Education Officer, Capt Lauricella, and his friends from Central New York Group did a ton of work in support of Northeast Region on this project.

NER is planning to try again next year in a different state. Those who really want to attend this type of activity should contact Major J. Sturgess of Northeast Region and express your interest.

### **THE MOON MAY GET A VISITOR**

Researchers from the Robotics Institute of Carnegie Mellon University have developed a robot lunar rover intended to drill into the surface of the Moon. The drill is located in the center of the rover so that the mass of the robot can apply pressure to the drill. The rover is called Scarab which, you may recall was a beetle that was revered by the Ancient Egyptians.

### **SMITHSONIAN TAKES DELIVERY OF X-45A**

The Smithsonian plans to make the X-45A part of an exhibit of Unmanned Aerial Vehicles planned for sometime in 2008. The X-45A, built by Boeing is the first stealthy UAV designed for combat rather than being converted from a UAV initially designed as a reconnaissance vehicle. The X-45A is 26 feet long, has a 33 foot wingspan, and is 6 feet 8 inches high. It has swept wings and no vertical tail.

The aircraft has a fiber reinforced epoxy skin and has a F124-GA-100 engine made by Honeywell. It can carry 15,000 pounds of ordnance. Only two were built for testing. The project was a joint USAF/USN program.