

# The Flying Ghost Writer



## How are things in AE

*An update to the unit's plan of action*

How Goes it in Aerospace Education

### Things we need to focus on

During the rest of 2005, we need to focus on the following in order for our Plan of Action to be successful:

- Nominate at least one teacher for the A. Scott Crossfield Aerospace Education Teacher of the Year Award
- Nominate and be awarded at least one flight scholarship for a deserving cadet
- Conduct at least 28 orientation flights
- Submit an entry to the Wing Conference AE contest.
- Increase AE examination scores by 5 percentage points by the end of 2005
- Double the number of senior members who have earned the AEPSM Award by the end of 2005
- Conduct at least one AEPSM workshop
- Recruit and train at least two AEOs to the technician level by the end of 2005
- Have Lt Col Skrabut attend the AEO School from July 21-23, 2005 at Pensacola NAS, FL.

We have a lot of work to do but it's all achievable with your help.

*Lt Col Stan Skrabut  
Aerospace Education Officer*

### Rochester Air Show

For the first time since 1993, The USAF Thunderbirds will be performing at the 2005 Rochester Airshow on June 11th & 12th. This is only the second time the Thunderbirds have performed in Rochester. More information can be found at <http://www.rochesterairshow.com>

*1LT Christian Chamberlain  
Aerospace Education Officer  
Finger Lakes Group, CAP*

### Aerospace Education Program For Senior Members

The Canandaigua Composite Squadron will be holding a Aerospace Education Program for Senior Members (AEPSM) review and testing session on Saturday, 23 Apr 05. This training program will be offered at the Army Reserve Center on Charlotte Street in Canandaigua. Training will begin at 0900HL. There will be a break for lunch. Training will complete at approximately 1800HL.

The program is open to any Senior Member requiring completion of the AEPSM program. Members attending must bring their own copy of "Aerospace: The Journey of Flight." This book can be purchased from National Headquarters or borrowed from a willing Phase III or IV cadet.

This training opportunity is free.

In order to have enough handouts available, please contact either Lt Col Stan Skrabut at [sskrabut@rochester.rr.com](mailto:sskrabut@rochester.rr.com) (preferred method) or 315-781-8208 (least preferred) if you are planning to attend.

The uniform of the day will be blues or CAP distinctive to include the summer uniform combinations.

We hope you take this opportunity to attend.

### AE Newsbrief from CAP NHQ

Please check out "The Latest News" on our website:

[www.cap.gov/ae](http://www.cap.gov/ae)

\* Winners of the Aerospace Education Foundation Unit Grants for Winter 2004

\* Watch for National Conference on Aviation and Space Education 2006 updates beginning March 1

\* Find out about the Procedures for Obtaining an STK License for CAP Units and AEMs on the AE homepage under item #6

\* Check out the latest AE News for March-April 2005

### Items of Interest:

\* If you know a teacher who is interested in promoting aerospace education in the classroom by using Civil Air Patrol materials and programs, AEF is sponsoring one-half of the cost of an Aerospace Education membership for 225 new AEF AEMs (AEF will pay \$17.50 and the new member will pay \$17.50). In

addition, AEF will also sponsor ½ membership renewals based on the following criteria:

- \* Previous year survey completed
- \* Express financial need
- \* Past participation in AEX program
- \* First come - first deserved

For assistance and information on these grant opportunities, please contact Ms. Kathy Baucum at [kbaucum@cap.gov](mailto:kbaucum@cap.gov) or call her at 334-953-4213.

\* Check out HubbleSource, a growing collection of resources for educators, developers, interpreters, producers, and other professionals in museums, planetaria, nature centers, observatory and park visitor centers, and other free choice learning venues. Also, find out about the 15th anniversary celebration of the Hubble telescope. For more, go to <http://hubblesource.stsci.edu/>.

\* The National Weather Association offers several \$500 grants for teachers to use to improve meteorology education in their classrooms. The name of the grant is the "Sol Hirsch Education Funds Grant" and the deadline for the next grant application cycle is August 1, 2005. To find out more about the opportunities provided by the NWA, go to <http://www.nwas.org> <<http://www.nwas.org>> or for the grant info go to <http://www.nwas.org/solhirsch.html>.

\* The United States Postal Service (USPS) will commemorate people, subjects and events that are instrumental to the American experience on postage stamps. One of the commemorative collections for this summer will be 10 airplanes from the 1930s, 1940s, and 1950s as part of the American Advances in Aviation stamps. See the entire 2005 collection at [http://www.usps.com/communications/news/stamps/2004/sr04\\_076.htm](http://www.usps.com/communications/news/stamps/2004/sr04_076.htm)

We wish you the very best as you help promote aerospace education all across our great nation!

Note: You have been sent this message because you have expressed interest in receiving aerospace education information. If you wish to be removed from the mailing list, please send an email to [jstone@cap.gov](mailto:jstone@cap.gov). If this is the case, we apologize for any inconvenience we may have caused you.

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Aerospace Education Program for Senior Members

Why wait for a workshop? You can complete the exam online at <https://tests.cap.af.mil/ops/tests/default.cfm?grp=ae>

One you have received your certificate, bring it to Lt Col Skrabut so that the Yeager Award can be ordered.

#### AEOs Needed

The unit needs senior members to be progressing in the Aerospace Education Specialty Track. You can do this specialty along side your normal specialty track. If you are interested, or wish to have more information, please contact Lt Col, Skrabut.

#### Aerospace Milestones for March

- 1 Mar 1951 The northernmost USAF base is established at Thule, Greenland, 690 miles north of the Arctic Circle.
- 1 Mar 1954 The US explodes the first hydrogen bomb in the Marshall Islands.
- 2 Mar 1949 Capt. James Gallagher, pilot of "Luck Lady II," lands the B-50 at Carswell Air Force Base, Texas, after completing the first nonstop, around-the-world flight in history. He covered 23,452 miles in 94 hours, one minute. The plane was refueled in the air over the Azores, Arabia, the Philippines, and Hawaii.
- 7 Mar 1942 Capt Benjamin O. Davis, Jr, son of the first black general officer, received his US Army pilot's wings at Tuskegee Army Air Field, Alabama. He and four others became the first black military aviators in the US. He was also the first black graduate of the US Military Academy.
- 15 Mar 1916 The 1<sup>st</sup> Aero Squadron, US Army, arrived in Columbus, NM to support general Pershing's expedition against Poncho Villa. The Mexican revolutionary had attacked the town. This is the first deployment of us air forces in combat and in a foreign land.
- 17 Mar 1971 Janes Leslie Holley became the first woman commissioned through the USAF ROTC program. She graduated from Auburn University, Alabama.
- 18 Mar 1971 Capt Marcelite C. Jordon became the first woman aircraft maintenance officer in the USAF.

*Compiled by Maj. Preston E. Pierce  
 Historian*

#### AE Practice Tests Online

Hundreds of cadets have gone to our online practice tests to prepare for their AE exams. Have you used them? Here is the URL: <http://mdlh.hws.edu/cap/modules/>

Here are the top ten visited practice tests for February 2005:

- <http://mdlh.hws.edu/cap/modules/mod1.html>
- <http://mdlh.hws.edu/cap/modules/mod2.html>
- <http://mdlh.hws.edu/cap/modules/mod3.html>
- <http://mdlh.hws.edu/cap/modules/mod4.html>
- <http://mdlh.hws.edu/cap/modules/mod5.html>
- <http://mdlh.hws.edu/cap/modules/chap1.html>
- <http://mdlh.hws.edu/cap/modules/mod6.html>
- <http://mdlh.hws.edu/cap/modules/mod1match.html>
- <http://mdlh.hws.edu/cap/modules/mod3a.html>
- <http://mdlh.hws.edu/cap/modules/mod1cross.html>

**Module Schedule**

We will be following the schedule below for Module review:

- Jan – Feb: Module 4 – Rockets
- Mar – Apr: Module 5 – Space Environment
- May – June: Module 6 – Spacecraft
- July – Aug: Module 1 – Introduction to Flight
- Sep – Oct: Module 2 – Aircraft Systems and Airports
- Nov – Dec: Module 3 – Air Environment

**AEX Exercises**

The following AEX activities were chosen by the cadets from the AEX II book.

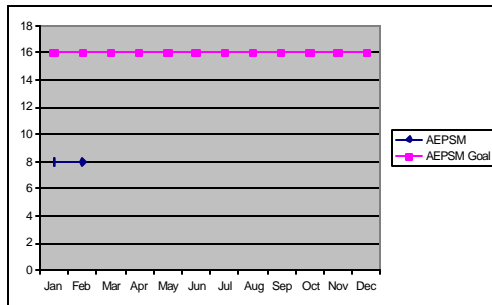
- Activity 20 – Pop Bottle Rockets
- Activity 3 – Fizzy Flyer
- Activity 5 – Junk Rockets
- Activity 10 – Lost on the Moon
- Activity 4 – Rocket Golf
- Activity 14 – Build the TG-4A Glider/Sailplane

**AE Mentors**

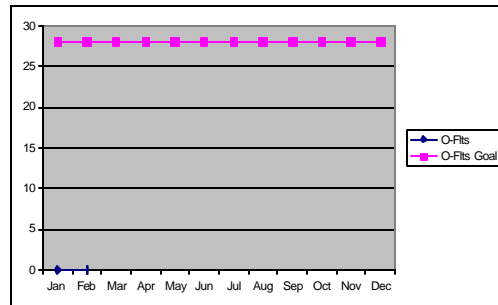
- Your AE Mentors are:
- c/Lt Col Thomas Hasard
  - c/2<sup>nd</sup> Lt James Bailey
  - c/2<sup>nd</sup> Lt Adam Farley
  - c/2<sup>nd</sup> Lt Tim Hauenstein
  - c/2<sup>nd</sup> Lt Colin Ryan

**Where do we stand in Aerospace Education?**

These next couple of charts will show you where we stand in regards to Aerospace Education for 2005.



**AEPSM**



**Orientation flights**

**Have Aerospace News?**

Contact Lt Col Stan Skrabut at 315-781-8208 or E-mail [sskrabut@rochester.rr.com](mailto:sskrabut@rochester.rr.com)