

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*

AE Newsbrief from CAP NHO

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

www.cap.gov/ae

* The National Coalition for Aviation Education (NCAE) announces the Dr. Mervin K. Strickler Jr. Aerospace Education Leadership Award for 2005. For application information, visit the AE home page and click on item #20. Deadline: April 30, 2005

* Look for updates to Chapters 1 and 4 in the Supplemental Space Module at www.cap.gov/ssm.html

* The Experimental Aircraft Association (EAA) is offering Aeroscholars on-line courses for high school age students. Spring Registration is through January 30, 2005. To find out more, click on # 21 on our home page.

* More details and registration information for National AEO School. (# 10 on AE home page)

* Keep watching the "Periodic Space Updates". (# 5 on AE home page)

Special Interest Items:

* We wish to thank all those who participated in our Microsoft computer survey. The response was terrific! The results of the survey will assure we meet the needs of our members while we work on a way to implement Microsoft Flight Sim in the classroom and the Unit. As more information becomes available on this project, we will keep you informed.

* Find out about our AE Affiliate Program below: Join us today as Aerospace Education Affiliates!

* What is an AE Affiliate? The AE Affiliate is a regular member who promotes Aerospace Education to the youth of America and wishes to use AE Resource Materials to accomplish this goal.

* How do I become an AE Affiliate? If you currently use or would like to use Aerospace Education Curriculum Materials, please sign in to e-services; click on Review/Edit My Member Info; Edit Personal Information; and check the AE Affiliate box at the bottom of your information OR contact Kathy Baucum at (334) 953-4213 (email: kbaucum@cap.gov) and she can sign you up.

* What do I receive as an AE Affiliate? You are entitled to AE curriculum materials listed in the Curriculum Flyer found at www.cap.gov/ae (click on AE Curriculum Materials List under

#2). Also, because some members are regular members and teachers, you may wish to have your class participate in the Aerospace Education Excellence Award Program (AEX) for schools.

If you have any other concerns or questions, please contact Ms. Kathy Baucum at (334)953-4213 or email her at kbaucum@cap.gov. We welcome all who believe Aerospace Education is the way to inspire and motivate our future citizens!

*Watch for the AE Curriculum Flyer listing our current products in the March all-unit mailout.

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

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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 February

- 1 Feb 1952 The USAF received its first general-purpose, high speed, digital computer, the Univac-1.
- 5 Feb 1918 Lt. Stephen Thompson became the first US flyer to shoot down an enemy aircraft. He was flying as a gunner in a French plane.
- 8 Feb 1953 Aviation Medicine was recognized by the American Medical Association as a medical specialty. It was the first to evolve from military practice and research.
- 9 Feb 1929 Congress authorized a special award, the NC-4 Medal, for the pilots and crew of the flying boat, NC-4, the naval craft that made the trans-Atlantic flight in 1919.
- 10 Feb 1952 Maj George A. Davis, Jr. became the first USAF member to become an ace in two wars

(World War II and Korea). Leading a flight of three F-86 "Sabrejets" he engaged twelve MiG-15 fighters. He shot down two of the enemy before he, himself, is shot down and killed.

- 13 Feb 1923 Charles E. "Chuck" Yeager was born in Myra, WV.
- 15 Feb 1937 The US Postal Service issued two stamps to honor the achievement of the China Clipper. The stamps carried values of \$.20 and \$.50, the going rate for letters to Asia carried on the Clipper.
- 15 Feb 1951 Pilots of the 3rd Air Rescue Squadron flew H-5 helicopters through blinding snowstorms and 40-knot winds to deliver medical supplies and blood plasma to US Army units at Chipyong, Korea and evacuate 52 wounded soldiers.
- 15 Feb 1985 The US Postal Service issued a stamp to commemorate the 50th anniversary of the first trans-Pacific airmail service on the China Clipper.
- 16 Feb 1953 Baseball star and Marine Reservist, Ted Williams, brought his flak-damaged Panther jet fighter back to base safely in Korea. He received the Air Medal for his feat. He returned to the Boston Red Sox in 1954.
- 17 Feb 1911 Glenn Curtiss makes the first hydroplane flight to a ship (USS *Pennsylvania*), then anchored in San Diego harbor. The plane landed on the water next to the ship and was hoisted aboard with a crane.
- 20 Feb 1940 Balloon Pilot wings were authorized for wear on the Army uniform.
- 20 Feb 1942 Navy Lt Edward H. O'Hare earned the Medal of Honor for heroism in defense of an aircraft carrier near the island of Rabaul in the Pacific Ocean. O'Hare airport in Chicago is named for him.
- 20 Feb 1962 John Glenn made the first US orbital man space flight in Mercury capsule, "Friendship 7." His flight lasted four hours and 55 minutes. That day the US Postal Service released a stamp to commemorate the Mercury program.
- 24 Feb 1954 President Eisenhower approved the establishment of the Distant Early Warning Line of radar stations across the US and Canada.

27 Feb-1949 Aerial ice observations were made by long-range USCG aircraft operating from Newfoundland. In 1949, for the first time, all ice observation was done by air.

*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 January 2005:

- <http://mdlh.hws.edu/cap/modules/mod1.html>
- <http://mdlh.hws.edu/cap/modules/mod2.html>
- <http://mdlh.hws.edu/cap/modules/mod1match.html>
- <http://mdlh.hws.edu/cap/modules/mod5.html>
- <http://mdlh.hws.edu/cap/modules/chap1.html>
- <http://mdlh.hws.edu/cap/modules/mod4.html>
- <http://mdlh.hws.edu/cap/modules/mod6.html>
- <http://mdlh.hws.edu/cap/modules/mod3.html>
- <http://mdlh.hws.edu/cap/modules/mod1cross.html>
- <http://mdlh.hws.edu/cap/modules/chap2.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.

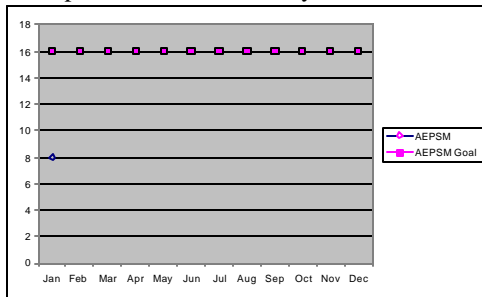
- Activity 20 – Pop Bottle Rockets
- Activity 3 – Fizzy Flyer
- Activity 5 – Junk Rockets
- Activity 10 – Lost on the Moon
- Activity 4 – Rocket Golf
- Activity 14 – Build the TG-4A Glider/Sailplane

AE Mentors

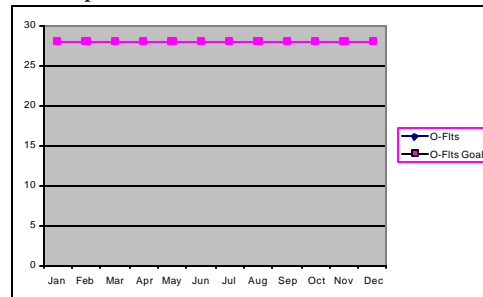
Your AE Mentors are:
 c/Maj Thomas Hasard
 c/2nd Lt James Bailey
 c/2nd Lt Adam Farley
 c/2nd Lt Tim Hauenstein
 c/CMSgt Colin Ryan

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.



AEPMS



Orientation flights

Have Aerospace News?

Contact Lt Col Stan Skrabut at 315-781-8208 or E-mail sskrabut@rochester.rr.com