

Oklahoma Wing Aerospace Education Newsletter

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Top News

A HUGE “THANK YOU” goes out to each and every unit: your AEOs and CCs all got their reports and plans of action in on time. Because of their dedication, we were able to submit the wing level report and plan of action ahead of time. This is more important than simple admin news: it means the findings on the CI will be, no further action needed. Our points for annual AE activity went up from 448-649. The plans and reports were submitted to region and national. This level of activity will put us very close to the top, nationally. The people who get credit for all of this? Your AEOs and CCs. Without their help and dedication in getting the information in, we would never have been able to get the report sent up to clear the CI **and** give us a good rating. Again, from WG HQ, a HuJuNgOuS THANK YOU!

Links Are Now Active

I have figured out how to make links active in .pdf's. (This old dog learned a new trick!) This newsletter will allow you to jump to a story or back to the top.

Quad Copters Are On The Way

I have some exciting news for everyone who has been asking about flying quadcopters. We will be getting three (3) of them in the future. These are STEM kits, so there is

credit for STEM activity. This is how they will come to us:



You will get to put them together and fly them! See Copters, Pg 4.

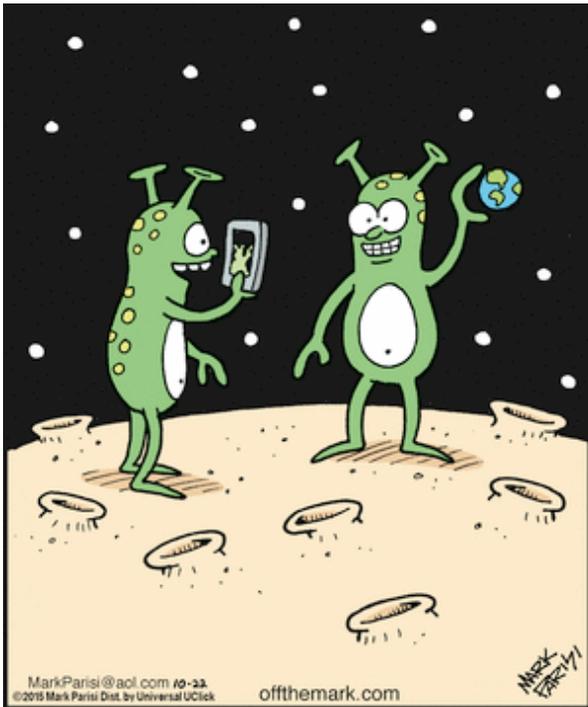
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Interesting Aerospace News

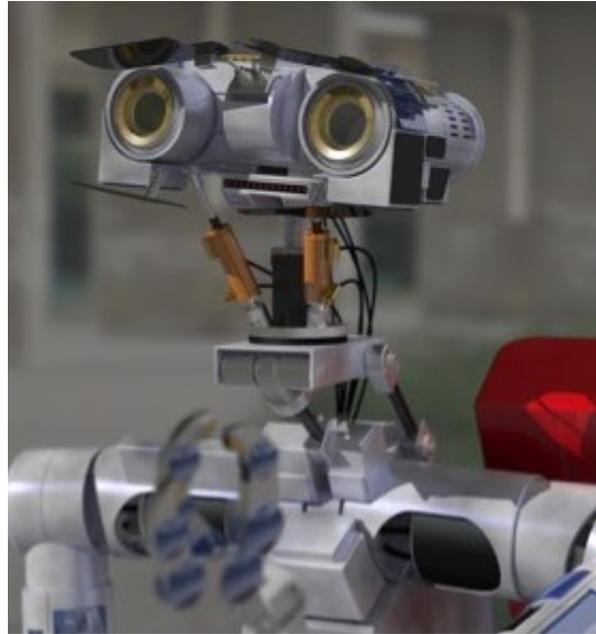
Views of Earth

This is supposed to be a photo of Earth, Jupiter, and Venus as seen from one of the Mars rovers.



You know there **has** to be a comic in here SOMEWHERE!!!!

Cadet News: Input...Need Input



Budget

As you know, I put in a request to the budget committee for each squadron to have some money they can use to support their AE program. To date, no answer other than, "It's at national, now" has been available. As soon as any money is available, I will let the squadron commanders and AEOs know how much was actually granted, and that it is available for your use.

Upcoming Visits

The WG AE staff is dedicated to helping you all succeed with your AE goals this year. My plan is for one of us to visit your squadron this year (there are several WG level assistant AEOs available to help, and I'm working to get more for you). Please contact me if you have any specific training you would like us to do for you, or how to help you move your AE program in the direction you want it to go.

Request For Help

Do you have a story for the AE newsletter?
Please submit it for our next one in March.

DAE News

Awards

January is approaching. Time is rapidly running out to get credit for your hard work. Anyone who has done work in Aerospace Education for their squadron, group, or wing should have their commander put in a nomination packet for them to be the AEO of the year, get the Brewer Award, etc. (For AEO & Brewer, guess what test the senior members must pass in order to be eligible.... Yup...you guessed it: the Yeager....)

Please nominate your FBO!!!!!! They have been taking care of you, so recognize their hard work and dedication to you and your squadron. If you have any questions, please contact me at bethryanmd@att.net.

Interesting Photo

Io as it passes by Jupiter:



Upcoming Trip

OK 115 and OK 002 are coordinating a trip to Hutchinson, KS. The plan is to visit the Cosmosphere, and along the way we plan to get cadets (maybe SMS?) trained in MRO, and possibly even do an ELT search at a convenient location. The current plans are evolving, and the rest of the weekend trip might include possible tours of Cessna, Beechcraft, Bombardier-Lear facilities. Additionally, dinner one night might occur at the Stearman Field restaurant, and might include a tour of a Stearman biplane. It might also include a visit to the Wichita Air Museum.

At the moment this is a squadron level event, but we are all hoping for it to rise to a wing level event. We do not have any funding for gas, but if things work out, this will be an ***AWESOME*** AEX, Cadet Program, and Emergency Services road trip.

Members of 115 did this exact thing on the trip to Weatherford this year, and a great time was had by all.

Please contact 1st Lt Deacon Hoffman (nhoffman65@gmail.com) or Cpt Paul Pillar (paul_pillar@hotmail.com) to learn more.

If anyone else is planning an AE event that they would like to have others join, please get the word out. I will be happy to do so for you if you want/need.

Copters

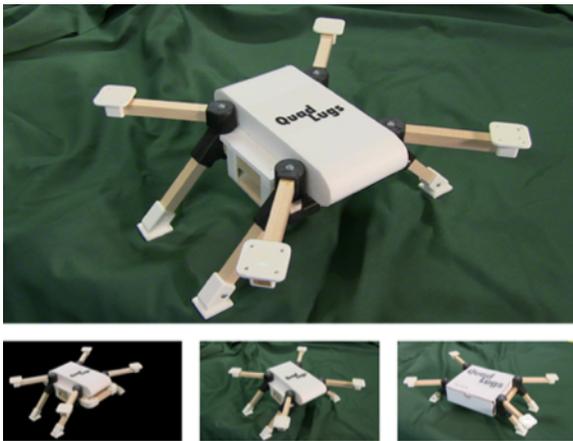
LtCol Sundet (the region DCS/AE) asked me if we (OK WG) wanted any quad-copters.

Guess how long it took me to say, “Yes!” (Hint: less than 1 second...)

Here is what he recently wrote:

“These copters are STEM kits called Quad Lugs. You can find other information on www.quadlugs.com. The kits include: Multi-rotor kit, RC transmitter, battery charger, and RC batteries. At this time I have no idea of what the delivery schedule is. They will be shipped from AMA.”

Here is what you build:



We are getting three. My plan for this is each group gets one copter. The copter will make its rounds from squadron to squadron, switching every 2 months. Squadrons with cadets will get first option to use them. The higher the Yeager percentage in the squadron, the higher the squadron is on the list. (You knew that was going to be good for a reward some day, right?!?!?!?!?!?) Cadets, if your seniors are not helping you by getting their Yeager awards, start bugging your commanders.

Group 1: first option goes to 155.

Group 2: first option goes to 002.

Group 3: first option goes to 115.

One month after the copters arrive and are distributed I will re-look at the Yeager percentages. Just because your percentage is low now does not mean you will languish in the bottomless pit of despair. If you increase your percentage above your peers, you move higher on the list. If any unit decides to not exercise their option for the copter, they can opt to rejoin the list at a later date. Once a unit has had a copter for 2 months, they are out of the running until all units in their group have had a chance to use it. I will keep you informed of any progress as I get the news.

Cool Apps Available

This idea comes from Major Cathy Davis. Free AE-type apps are available for your phones, tablets, i-Pads, etc. One that she told me about is for the International Space Station (“ISS”). The one I downloaded to my phone and i-Pad is called “GoISSWatch.” It tells you when the ISS will be in your viewable area. You can set it to alert you if you want. Thinking about the AEX award: there are two ISS projects you can do that are already in the AEX books. Imagine how cool it would be to have the ISS overhead while you are working on one of these projects!

Do any of you have other apps you use for AE topics? Please let me know: I will pass the word (and give you credit).

Aerospace Employment Opportunities

AEO not only means, "Aerospace Education Officer," it also means, "Aerospace Employment Opportunities." Please check out:

<http://www.boeing.com/careers/>

<http://www.careers.noaa.gov/>

Your local military recruiter's office - (I have done several ARMY flight physicals on members of other armed forces who wanted to fly helicopters, so think ALL military branches, including the Coast Guard!)

USAF

[http://www.airforce.com/contact-us/recruiter-locator?
gclid=CIXvr6bq68gCFUprfgod7p0AEg&gclid=aw.ds](http://www.airforce.com/contact-us/recruiter-locator?gclid=CIXvr6bq68gCFUprfgod7p0AEg&gclid=aw.ds)

US Army

<http://www.goarmy.com/locate-a-recruiter.html>

US Navy

<http://www.navy.com/>

USMC

<http://www.marines.com/home>

USCG

<http://www.gocoastguard.com/about-us/find-recruiter>

A&E Mechanic

<https://www.okcareertech.org/news/press-releases/2012/aerospace-training-takes-wing-at-careertech>

National Ocean and Atmospheric Administration, other government jobs:

<https://www.usajobs.gov/>

Looking for "Aerospace" yielded a result of 112 jobs available for engineers to professors and medical doctors, health technicians, mechanics, testers...

Looking under "NOAA" yielded 17 jobs that are looking for people.

You get the picture...there are loads of cool jobs in aerospace related fields...

The "Cooperative Institute" has jobs that occasionally show up. "Almost all of these are degree'd positions, and often quite specialized, however, there are some opportunities for summer hires, etc., for undergrads and such."

(Thank you to Gerry Creager, our own NOAA man!)

Check out OU: <http://cimms.ou.edu/>

Want to be an astronaut? Check this out:

<http://mashable.com/2015/11/04/nasa-astronaut-application/#dhS3o2mXkEqF>

You Are Missing From This Picture

This is the AE bulletin board at WG HQ. On



the left board is the first listing of the AEOs you see in the left column here. It will be updated as data and ideas come in. The right board has the past, current, and in-progress AE Newsletters available for you to read on paper.

What is missing from the bulletin board? YOU are! Please send me photos of any AE activities you are involved in so we can put them on the board and in the AE newsletter.

Resources Available

Several digital AE resources are available for free. Some are available via dropbox: see your local AEO or DAE for details. In addition, at WG HQ there will be AE resources available for a 2-month loan, and some resources will be free for the taking. They will be in the conference room on the 3rd floor. I will be adding movies soon.

Once we have everything catalogued for you I will put the information out in a separate e-mail. We have items to help cadets and seniors learn more about AE as well as for squadron commanders/AEOs to help educators plan how/what they want to teach.

This is the cabinet in which the resources will be stored for you:



You can have your CAC representative as well as your commander pick up your materials.

Thank you, COL Newell

Colonel Newell donated a large collection of aviation books to our library. These are



available for loan. Please check them out no more than 2 at a time, and bring them back within one month. You can have your squadron commander pick up & drop them

off when s/he comes to the monthly wing staff meeting.

AE Conference

We will hold at least one wing level AE conference next year. The goal of this conference is to give each attendee the materials, education, and confidence to lead his or her squadron in their aerospace education program. Depending on the interest level of the participants, the program will have three sections available for the attendees to advance in their AE track (Technician, Senior, and Master). If there is enough interest, we will also have a separate area for STEM kit training. At the end of the conference, those who earned about the STEM kits will be given the opportunity to show what they learned to the others. Please let your squadron AEO know if you are interested, and have your AEO let me know.

If no one comes up with any requested dates and locations, the default will be Lawton / Ft Sill again (three years in a row). This is a WING level event, so I will give other squadrons the first choice of dates and locations. Let me know!

WG AEX Day

On January 9th, the wing leadership is planning to hold a safety stand-down day in lieu of the wing staff meeting. This will allow every squadron to meet the safety requirement simultaneously...a GREAT start to the new year!!! Once that is done, and the meeting is officially over, we will have AEX day. This will allow all of the squadrons in the wing to get all 6 of the AEX activities done and thus have their AEX award almost complete. Each group is being asked to set up 2 stations for people to rotate through.

None of the stations will be overly complex, and all 6 should be able to be completed very quickly.

The squadrons would only need to do their 2 hour project to earn their AEX award/plaque. Did I mention there is a trip being planned??? (See pg. 4 for details.) How easy is that??????

Your Stories & Photos

I am still hoping to show YOUR squadron's photos and tell YOUR squadron's stories with the rest of the wing. This is for several reasons:

- 1) YOU get bragging rights
- 2) They get cool ideas.

Remember: imitation is the sincerest form of flattery.

If you have an awesome speaker come in to talk about an AE topic, or you go somewhere, or you do something that excited you, it probably would excite others as well. PLEASE send me your stories and photos.

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