



Hurlburt AFA Chapter 398



**Jan-Mar 2017**

The Official Newsletter of Chapter 398 of the Air Force Association

**AFA Mission**

To promote a dominant USAF and a strong national defense, and to honor Airmen and our Air Force Heritage.

**To accomplish this we:**

Educate the public on the critical need for unmatched aerospace power and a technically superior workforce to ensure U.S. national security. Advocate for aerospace power and STEM education, and support the total Air Force family and promote aerospace education.

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**Chapter Officers**

- President – Jim Connors
- Vice President - Fred Gross
- Secretary – Susan Ault-Davis
- Treasurer – Danny Webb

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**STEM Teacher Workshop**

In celebration of Engineers Week 2017, Chapter #398 (Hurlburt Field) hosted a Teachers Workshop on Saturday February 25, 2017. What made this workshop exceptional was that elementary, middle and high school teachers from three different Florida panhandle counties traveled to the George McCutchan Airport in Milton, Florida to learn about STEM. The day's activities began with teachers being divided into their choice of a Mindstorms EV3 Robotics session, or of a variety of morning STEM break-out sessions. Doolittle Institute Director of STEM Education and engineer Beth Hanning began a half day study of programming



Beth Hanning conducting EV-3 session



Bottle Rockets Anyone?

EV3 robots. Concurrent break-out sessions included an air resistance session that measured the air resistance of differing types of items, a water rocket launching session, and a session explaining the use of Telescopes led by aeronautical engineer Dr. John Fay. After the presentation, the Dr Fay. offered to visit the classrooms of teachers and take his telescope



Chapter High school Teacher of the Year Erin Cosky explaining hot air balloon construction to teachers

and make a grade level appropriate presentation to their students. During the working lunch grilled by the Chapter officers, Lt Gen Mike Wooley (USAF ret) gave a presentation about ForeFlight to the assembled group. Then aeronautical engineer and author Ken Blackburn gave presentation of the forces of

Flight and some pointers on how to use paper airplanes to engage students. Complimentary copies of his book were presented to the teachers. After lunch a WeDo 2.0 Robotics session was conducted concurrently with additional STEM breakout sessions. Flight suits were issued by the winds precluded the opportunity for teachers to fly aircraft flown by retired military pilots until the following afternoon. However, even the brisk winds were not strong enough to keep former World RC champion Steve Rojecki from demonstrating a small quad UAV and graphite frame aircraft in the hangar. Teacher giveaways included LEGO® items, cartons of copy paper, Ken Blackburn book, and water rockets and accessories. The chapter would like to give special thanks to Maj Gen (USAF ret) Clay McCutchan for the gracious use of his hangar and airport to conduct this memorable workshop.



Lt Gen (ret) Mike Wooley briefing the attendees about ForeFlight with RC/ Champion Steve Rojecki listening in.



Just two of the planes available to the teachers.



How many AFA Members does it take to gas an airplane and how did these guys get the General to do the heavy lifting?

## FIRST® LEGO® League Competition

On the evening of March 9, FIRST® LEGO® League Junior teams from Bob Sikes and Walker Elementary School gathered in the cafeteria of Walker Elementary School in Crestview.

For Inspiration and Recognition of Science and Technology **FIRST®**LEGO® League Junior (FLL Jr. ) captures young children’s curiosity and directs it toward discovering the wonders of science and technology. This program features real-world scientific concepts to be explored through research, teamwork, construction, and imagination. Guided by adult Coaches, teams use LEGO® elements to build a model that moves and develop a **Show Me** Poster to illustrate their journey.

The teams and their adult coaches had been researching and planning their projects for many weeks and this was the night when they were going to display their results. AFA Chapter #398 Vice President Fred Gross and Chapter #398 VP for Community Partnerships Thom Guthrie were on hand to serve as “Reviewers.” The Reviewers met with each team for a few minutes and spoke with each team member about their part of the project. This is the second year Walker School teacher Liz Bears has participated in an FLL Jr. Expo. She was the school point of contact behind organizing the Expos each year. She and AFA Chapter #398 VP for Aerospace education Rick Soria have collaborated to have an FLL Jr. Expo at Walker ES for the last two years. She loves the enthusiasm and excitement the students display as they research, develop and present their projects. Bob Sikes teacher Dottie Holland is passionate about the work her students have produced. She is preparing her team to travel to the International FLL Jr.



Thom Guthrie listens as Team Planet Lego explain their project.



Fred Gross reviewing the project completed by the Super Builders at the March 9, 2017 FLL Jr. Expo at Walker ES

Expo in Houston, Texas.

Reviewer Thom Guthrie explained that in an informal survey he had conducted, every student indicated they would be participating in next year’s Expo, tentatively scheduled for the January / February 2018 timeframe. Reviewer Gross was impressed by the work the students had put into their projects. “The students’ creativity and imagination clearly out-stripped the technology they had to present their solutions.” The Expo was attended by many parents and interested community members.

During the closing ceremonies, teachers joined Reviewers as each student team went to the front of the Expo through a “High-Five” line and received a medallion and a certificate for their work. Doolittle Director of STEM Education and engineer Beth Hanning was on hand to congratulate each team. Doolittle is a non-profit organization that organizes Expos for FLL Jr. Teams and Competitions for FLL Teams.

## Joint ACA/AFA Luncheon



On Friday 24 March 2017, the Hurlburt Chapter of the AFA and the Air Commando Association (ACA) held a joint luncheon at the Hurlburt Soundside Club. The guest speaker was Lt Gen Brad Webb, the AFSOC Commander. He spoke about how busy the AFSOC folks were and what the future was looking like. He thought there would be some personnel growth forecast for AFSOC but not as much as other commands. Two other areas he talked about were working three budgets at one time (2017, 2018 and 2019) and “down time” for the folks who were deploying. The goal is two days “non-deployed” for every day deployed. Some of the AFSOC AFSCs are meeting that goal, some are not. He also spoke of programs meant to keep the family healthy, both physically and mentally during stressful deployment times. He thanked the AFA and the ACA for their continued support of the AFSOC airmen. Lt Gen Webb took questions from the audience at the end of his briefing.

114 people attended the brief. At the end Jim Connors, Hurlburt Chapter president and Lt Gen Mike Wooley (USAF Ret), Chairman of the ACA presented Lt Gen Webb with a memento for his speech: a memorial paver with his name on it placed in the Garden of Peace in Bob Hope Village, Shalimar Fl. The AFA and ACA usually do two luncheons like this per year, with the second happening in November or December.

## 505<sup>th</sup> Command and Control Wing Annual Awards

Chapter Vice President Fred Gross represented the Chapter at the 505th CCW annual awards dinner on 1 February at the Soundside Club. One hundred and fifty personnel attended including awardees, commanders and civic leaders. Chapter 398 donated \$50 awards to each category winner. The guest speaker was Major General Glen VanHerck, Commander, USAF Warfare Center

Awardees were:

SRA Zoe Reyes-Airman of the year

SSgt Jessica Doherty-NCO

MSgt Trevelle Harris (pictured)-Sr NCO

MSgt Julio Maisinet-Rosario-First Sgt

Capt Brandon Temple-Jr Officer

Maj Erika Allen-Field Grade Officer

Monica Fullerton, Jason Smith, Ronald Rowan-Civilians



MSgt Trevelle Harris presented Senior NCO Award by Maj Gen Glen VanHerck

## East Panhandle Regional Science and Engineering Fair

The East Panhandle Regional Science and Engineering Fair was held at Okaloosa Fairgrounds on February 2, 2017. AFA Chapter #398 sponsors the Aeronautical / Aviation Specialty Awards annually for the Fair. This year Chapter members Max Friedauer, Susan Ault-Davis, Eddie Arroyo, and Chapter VP for Aerospace Education Rick Soria were on hand to serve as judges in the high school and middle school categories.

Then on February 7th, Chapter #398 President Jim Connors presented the four winners a check to recognize their selection as the the top two high school and middle school grade aerospace / aviation category winners.



Here are the pictures from the Winners of the Middle and High School Division for AFA Specialty Aerospace Category Awards.

The winners were: High School Division; 1st Place - Go With The Flow. Daniel Bobbitt , 2nd Place - Go With The Air Flow. Frank Berte, Middle School Division; 1st Place - For Your Ears Only - Charles Bennett Sherwin III and 2nd Place -Curved Top Wing vs Flat Top Wing - Conlin Arrowsmith

From left to right Frank Berte, Charles Bennett Sherwin III, Chapter President Jim Connors, Conlin Aerosmith, and Daniel Bobbitt

## Hurlburt AFA Chapter 398 Supports Annual Florida JrAFROTC Drill Meet

The annual state of Florida JrAFROTC drill meet was held at the University of Florida on 18 March 2017. Hurlburt AFA Chapter 398 was on hand to support the JrAFROTC cadets, University of Florida AFROTC Detachment 150 and state AFA officials with this outstanding event. Seven Florida and one south Georgia high school JrAFROTC program competed for best overall drill team, color guard and individual honors.

Cadets from the University of Florida AFROTC Detachment 150 planned and flawlessly executed the drill meet under the leadership of Cadet Major Katie Cheney.

Florida AFA President Jim Yucuis presided over the awards presentation and presented the top awards to the winning teams. Belleview High School took overall drill team and color guard honors. AFA State Vice President Sharon Branch moderated the awards presentation.

Hurlburt AFA Chapter 398 member Eddie Arroyo presented five awards in honor and remembrance of fallen AFSOC warriors and assisted AFA state leaders with additional presentations. Individual drill honors went to Cadet Joshua Prinzi from Sandalwood High School.



