



AIR FORCE ASSOCIATION Falcon Chapter #399 Inc.



2017 ~

Falcon Chapter Awards Dinner April 20

~ SPRING ISSUE



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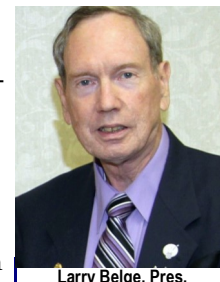
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President's Corner by Larry Belge

In starting the program year the chapter has visited our Aerospace Education teachers in support of the STEM programs here in Northeast Florida. The visits covered science and engineering projects in the classroom. See "classroom visits" on pages five and six. It is enlightening to see how these professors, instructors and teachers bring today's technology into the classroom through these constructive courses and student projects. The Falcon members participated in the "Friends of the 125th FW, at JIA. Personnel were briefed by Col Brian Bell, Wing Commander of 125th on the multiple locations of the Florida ANG, recent events and activities. Col Bell also identified the multiple tasking received in deployments by the Florida Air National Guard to the Middle East. We received a tour of the base by caravan identifying many of recent changes to the facilities.



Larry Belge, Pres.

Over the past couple months, Falcon members have participated in judging local schools Science and Engineering Fairs to include the North East Florida Science & Engineering Fair (NEFSEF). These students are grades seven thru twelve with over one hundred projects presented for judging at NEFSEF. On March 4 the Falcon Chapter participated in first annual "STEAM at BK" an engineering event with 23 schools registered. The first student project assignment in engineering is to design and apply their engineering skills in building a bridge out of spaghetti that is structurally sturdy and safe! The Falcon Chapter has established and will present an "Aerospace Education in Technology" Certificate and stipend. In January our chapter VP Aerospace Ed identified a nomination for "Teacher of Year 2017" for the middle school level. Based on confirmation, the Teacher of the Year Award will be presented at the **Falcons Award Dinner April 20. (Save the Date)** Looking ahead on the calendar, the Falcon Chapter will be attending the AFA Florida Winter Meet in Orlando, March 3-4. In addition within another week, the chapter plans to attend and support the AFA Florida AFJROTC Drill completion March 18 at UF (on the campus). Our Falcon Scholarships program for 2017 is active in support of the AFJROTC schools in NE Florida. This program requires funding for which is received in partial from our Community Partners. We do ask our members to also assist by contributing through a donation for these colleges bound Cadets. Please note the Falcon Chapter 399 has a 501c3 status (Tax Exempt). (Continued page 2)



Stellar Xplorers competition is design to attract high school students to STEM education. To learn more about StellarXplorers please visit their website www.stellarxplorers.org.

CURRENT CORPORATION DIRECTORS

Larry Belge, Chairman of the Board,
Falcon President,
Frank Kozdras, VC Director
Bruce Fouraker, Sec Director
Ernie Webster, Treasurer
Jack Stuart, Pam Burr, Carla Chin
& Fred Dunkley, Directors

How to Contact AFA

To change the e-mail address to which you receive the AFA Update field@afa.org. Please provide the old and new e-mail addresses. For questions or comments about the AFA Update, e-mail srubel@afa.org. To change the mailing address or other information for your AFA membership record, visit <https://www.afa.org/AboutUs/member/address.asp>. To join AFA or renew your membership, visit <https://www.afa.org/newforms/membership.aspx>



The Team members at **St Johns Aerospace Academy - St Augustine HS** are practicing with the computer based program software prior to entering into the online competition.



AFA FALCON CHAPTER NORTH EAST FLORIDA



Membership Renewal by Name - Month & Year (2-30-17)

Aston Lou Allen Col 7 2016	Feltel Gilbert Col 6 2016	Madigan Patrick 12 2016
Batz William Mr.6 2016	Floyd Aaron Col 7 2016	Matthews Malay 6 2016
Baynes ,John Maj 9 2016	Fryer John Maj Gen 12 2016	Metcalf Angie 12 2016
Beasley Alyssa 6 2016	Grant Carl W.Col 12 2016	Metcalf Stephanie 12 2016
Bergey Christopher 12 2016	Hernandez Anthony 6 2016	Moody Bailey 6 2016
Bierlein Arthur Mr. 12 2016	Hill Alison R. Col 12 2016	Naik Sunny 6 2016
Bowser Richard D. MSgt 6 2016	Hilt James R. Mr. 7 2016	Nall Richard D. SSgt 12 2016
Burroughs John A. TSgt 7 2016	Holling Marcus W. SSgt 9 2016	Painter Shane M. 12 2016
Davis John Mr. 7 2016	Howell Phillip R. Col 7 2016	Parker Fred 7 2016
DeNys Hailey 12, 2016	Inman, Kenneth N.Sgt 6 2016	Rund Matthew H 7 2016
Dubose Edward E. MSgt 10 2016	Kyrazis Julia Lt Col 6 2016	Shirley,Erin Maj 7 2016
Dunbar, William B. Lt Col 8 2016	Leibowitz Arnold A1C 8 2016	Studer Scott Col 6 2016
EbbinghouseJoe C. Col 9 2016	Lydon, Phyllis L. LtCol 7 2016	Terlaje Natalie 7 2016
Ernissee John SrA 6 2016		Tolzmann Mark A.COL 8 2016
		Vorse Barry SrA 7 2016
		Yacalavitch John J. Maj 7 2016

Presidents Corner (Cont'd) A recent important membership policy release by AFA is "Recruit-70" initiative in honor of the Air Force's 70th birthday by enrolling members in emembership, for one year.(See page 7) The Air Force theme is supportive of AFA in "Airman for Life" from the Air Force Chief of Staff Gen. Goldfein (AF/CC) and CMSAF Cody (AF/CCC) and throughout our Air Force commands. Our membership is increasing each quarter with support from you the members. Make sure you renew your membership. Thank you for all your support. Condolence goes out to the passing of *Charter* AFA member and active Falcon supporter BG Henry Necomer (page seven).

MEMBERSHIP

Renewal List Past Quarter 2017

The Officers of the Falcon Chapter hope that everyone on the list here will renew membership. **Anyone on the list who has renewed please accept our thanks for your renewal.** For regular memberships the yearly rate is \$45, by renewing for three years at \$110 **you save \$25.** If you become a life-long member for \$600 you are getting your membership free after year 14. In addition now a **one year e-membership** for \$30. Visit <http://www.afa.org/AFA/Join> Regular members may renew at <https://secure.afa.org/joinafa/JoinAFA.aspx>

Community Partners should renew by contacting Ernest L. Webster at ernestwebster2@aol.com. You may also send your renewal checks to Ernest L. Webster, Treasurer at 1822 Brush Hill Drive, Jax, FL 32211

Scholarship Funding - To All Falcon Chapter Members: Please give consideration to contributing to our scholarship fund. We need to replenish the funds. A \$20 or \$25 dollar check from 100 members will give two cadets \$500 towards books, tuition, etc. and we have 6 schools where students need our help so you can see where we need even larger donations. If you know a business owner, doctor, dentist or anyone who could be a **Community Partner** encourage them to sign on. A \$200.00 Community Partner is an even bigger help and we need a lot of them. **Come to the Monthly Biz Meet 1st Tuesday each month to see what we are doing.**

We need your help.
Ernie Webster, Tres

MEMBERSHIP APPLICATION:

LAST	FIRST	MI	
ADDRESS	CITY	STATE	ZIP
FALCON #399			
CHAPTER CHOICE	DOB	PHONE	EMAIL
PAYMENT OPTIONS 1yr EmembF \$315*(70-70) 1 YEAR \$45 3 YEARS \$110 STUDENTS & E-1 TO E4 \$22.50 LIFE MEMBERSHIP \$600			
LIFE MEMBERSHIP EXTENDED PAYMENTS: INITIAL PAYMENT OF \$90 WITH 4 QUARTERLY PAYMENTS OF \$135 EACH INITIAL PAYMENT OF \$110 WITH 8 QUARTERLY PAYMENTS OF \$67.50 EACH			
Payment included: <input type="checkbox"/> CHECK ENCLOSED \$ <input type="checkbox"/> AMEX <input type="checkbox"/> MASTERCARD <input type="checkbox"/> VISA <input type="checkbox"/> EXP DATE			

Renew on line: <https://www.afa.org/newforms/membership.aspx>



AFA FALCON CHAPTER NORTH EAST FLORIDA



MONTH	ACTIVITY / Tasks	CALENDAR	2017	DETAILS	POC
JAN 10 15 15-29 15-29 31	AFA Chapter MEETING — Lexington — Dining Room, Noon - CONTACT CONGRESSIONAL OFFICES to renew membership - CONTACT/RENEW COMMUNITY PARTNER CONTRACTS - PREPARE & DELIVER/MAIL ToY Packages to schools - Visit AFJROTC & CAP Units with Support Briefing(School) QUARTERLY REPORTS (QAR, QFR and NEWSLETTER)		Program — Follow Up, Agenda Call or visit office of Ander Crenshaw to verify affiliation, Check calendar for renewals, Visit JrAFROTC Schools& Visions Teachers, Assign Schools and Units to Leadership Team, Coordinate & Awards Pgm throughout Spring - Summer Due to State President		PRES, SEC & TRES Sec, & VP GOV REL Sponsor Contacts Pres, VP EDU Pres, AEVP, CAP VP Pres, Ldrshp Team
FEB 7 10 10 14 9- - 28	AFA Chapter MEETING — Lexington at Noon NEFSEF - Science & Engineering (Judging) Selection AFJROTC EDUCATOR GRANTS DEADLINE - Contact HQ FLANG for Airman of the Year - Cmd Chief HQ FLANG - FOLLOW-UP ON TEACHER of the Year Program (TOY) - Visit AFJROTC & CAP Units seeking Cadet of the Year candidates		- Business Meeting (open to membership) - Follow-up Call to Cmd Chief Lee - 904-823-0600 - Check responses and review packages - Falcon VP-AE review nominations present to Exec Board - Call AFA Reps in each Squadron for input - Call or Visit to verify if program is still viable - Attendance Recommended		Pres, L'ship Team Pres, Ldrshp Team Sec, VP Aero Ed Sec, VP Aero Ed Pres, Ed VPs Pres, Ldrshp Team Pres, Ldrshp Team
MAR 7 1-3 - - - 3-4 18 24 31	Chapter Meeting at Lexington — Dining Room AFA Air Warfare Symposium - Shingles Creek SUBMIT NTNL AWARDS PACKAGES TO -by FL WINTER (State) MEET - Orlando FL STATE DRILL Meet - FL Univ, Gainesville CAP Grants for Educator Members Appl to Natl Teacher's Workshop - Falcon Chapter Submit Newsletter/QAR/QFR to State		Chapter Business (open to membership) Rosen Shingles Creek Resort, Orlando, FL Submit — CMY, COY, ESA, SSA, PresAward, Falcon TOY All POC Membership Programs/Outreach Membership Program (Verify) Imitate - VP Chairpersons Complete Apr 30 Prep - Format Teachers, members & Educators (Bishop Kenny) AE Projects		Pres, Ldrshp Team Pres, Ldrshp Team Pres/Ldrshp Team Pres/Ldrshp Team Pres, Ldrshp Team Pres, Ldrshp Team Pres, Ldrshp Team
APR 4- 5 16 16 16 4 thru 30 20 TBD	Falcon Chapter Business Meeting - Lexington SUBMIT QAR / QFR REPORTS TO STATE — By 30 Apr - SUBMIT STATE AWARDS TO STATE EXEC VP -BY16Apr - SUBMIT NATIONAL AWARDS TO STATE PRESIDENT — Scholarships - AFJROTC, etc, BY 16 Ap Membership Drive - 70 for 70 AWARDS BANQUET - CROWN PLAZA 6:30 Sign-n(social) AREA Pres. MEET, (Conf Call w/ FL Rgn Pres		- Activity & Financial Reports completed for 1st Qtr 2016 Chapter Business (open to membership) - final review of AWARDS Submittal to STATE - Rec/Select JROTC Units, Candidates & Instructors, CAP Units & Candidates, Airman of Year, Community Partners & Teacher of Year Falcon Booth & Display — Membership All officers, Committee Chairs, & potential leaders		Pres, SEC & TRES Pres, VP, & Sec Pres, Ldrshp Team Pres, Ldrshp Team Pres, VP, & Sec, Membership & Invites Falcon Team Pres/Ldrshp Team
MAY 2 10-15 2	Chapter Meeting - Lexington at noon — Dining Room All AWARDS and NOMINATIONS due to NATIONAL Natl Teacher of Year Submission - Deadline		Business Meeting - National Aerospace Education Awards, Natl TOY Submit Select at State level		Pres, Ldrshp Team Rgnl Pres Regional Pres
JUN 6 15 22 30 30	Chapter Meeting — Lexington — St Johns Dining Room (Proposed) date for fundraiser at Battalion AirSoft Program Newsletter Articles Due CAP Teacher Grants Deadline (Quarterly) Submit Newsletter (printed copies)/QAR/QFR to State		Business Meeting (open to membership) - All HANDS All Contributors - Membership Programs/Outreach Due to State Jul 30		Pres, Sec, Officers Pres/Treasurer Comm VP Members ExecCAP LIASON Pres/Tres/Comm VP
JUL 11 14 - 16	Chapter Meeting — Lexington — St Johns Dining Room FL STATE CONVENTION - McDill AFB, Tampa		Business meeting — (open membership) Attendance Recommended (All members invited)		Pres/Ldrshp Team Pres, Ldrsp Team
AUG 1 4 5 TBD	FIELD RESOLUTIONS - CUT OFF DATE Chapter Meeting — Lexington — Dining Room Invite legislators to attend awards Banquet 10/16/2015 Teachers Workshop — Prepare for September TBD		Business meeting (open to membership) Call/email or visit VP Ed Visit Schools—Validate PGM Goals		Executive Council Pres/Ldrshp Team Pres/Ldrshp Team Pres/Ed VP/Tres
SP16-17 18-21 10 12 31	AFA Natl Conventin Gaylord Ntional Hotel, Maryland AFA Air, Space & Cyber Conf. - Gaylord Natl Harbor, Maryland Newsletter Articles Due Chapter meeting — Lexington Dining Room CAP Deadline for Teachers Grants/Newsletter/QAR/QFR		Attendance Encouraged National Exhibits by Defense Contractors at Conference All Contributors Business meeting (all members welcome) Due to State Oct 31		ALL HANDS Comm VP Pres/Ldrshp Team CAP Liason/Pres/ Tres/AE/CAP VP
OCT 3 10 20 10 TBD TBD	Chapter Business Meeting — Lexington — Room AFJROTC Educator Grant Deadline Chapter Awards/Induction Banquet Crown Plaza - New Chapter Officer Rosters due to State President Region President's Fall Area Mtg (Webinar/Conf Call) Exec Falcon Team Review		Business Meeting (open to membership) Submit Candidate if possible Feature Speaker/present awards/induct officers Nominations/Elections of officers All Falcon Exec Council Develop an Aerospace Technology Course		Pres/Ldrshp Team VP Ed, Secretary All Membership & Invites Executive Council Exec Council VP Ed, VP
NOV 7 15	Chapter Meeting — Lexington — Room TBD Educator Grant Deadline (Proposed)		Planning meeting/set calendar for 2015/AAP/AFP/Plan		Pres/Ldrshp Team Pres/AE Ed VP
DEC 5 31 16 JAN 31	Chapter Meeting — Lexington — Room TBD AAPlan/AFP due to FL State/Region Deadline for CAP Teacher Grants (Quarterly) QAR/QFR/Newsletter (due to State/Regn Jan 31, 2015)		Business meeting (open to Membership) Review — AE VP Chair Prepare — Review with Exec Council		Pres/tres/LdrshpTm Pres/Ldrshp Team Aerospace Ed VP Pres/Tres/Comm VP



Astronomical Society (HoFAS) hosted a stargazing night



A Student Poster Announcing the event posted as a reminder

By Yanny Salom, M.S., Falcon TOY for 2015
Holy Family Catholic School

The Holy Family Astronomical Society (HoFAS) hosted a stargazing night recently. About 30 members and their parents joined us and were able to take a closer look of some planets: Saturn and its magnificent ring system; the red and the second smallest planet in the solar system, Mars; the farthest known planet in the solar system, Neptune; and a planet that rotates in the opposite direction to most other planets, Venus. We also observed the Vega Star, the brightest star in the constellation of Lyra and the second brightest star in the northern hemisphere (Arcturus is the brightest). HoFAS members also observed the binary star Albireo in the constellation Cygnus, also known as Beta Cygni. This is a very unique double star with one blue star and the other golden. The Ring Nebula was also visible during our stargazing night. Its shape is very distinctive and is used in many astronomy books, but new observations by NASA reveals that the nebula's shape is more like a jelly doughnut. It ties perfectly with our snack for the stargazing night,

galactic doughnuts!! The Ring Nebula is located in the constellation Lyra and is considered a popular target for amateur astronomers like our HoFAS members. Eighth grade students will start a project on constellations soon so our stargazing night was a great way to motivate our students before the project on constellations. ✨ ✨

All of these was possible due to the kindness and love for astronomy of the Northeast Florida Astronomical Society (NEFAS). We thank NEFAS for bringing this learning experience to our HoFAS members this year again. Non HoFAS members also joined us and we were really excited to share with the school community as well. The moon did not come out until midnight last Friday but it did not stop us from enjoying a wonderful night and other wonderful celestial bodies. The Heavens are telling the glory of God and His wonderful creation.

~ ~ ~A Note on What is NEFAS? ~ ~ ~

NEFAS, or the Northeast Florida Astronomical Society, is an organization of amateur astronomers who live, serve and observe in Northeast Florida. They operate primarily in Jacksonville, Florida and its surrounding communities. NEFAS members typically give "sky tours" utilizing green laser pointers to indicate objects in the sky. This is a great way to become familiar with the night sky for all ages. A public observing session is an evening where NEFAS members set up their telescopes and invite the public at large to come do some astronomical observing. Members can answer questions, give advice on telescopes to purchase, and point out interesting objects in the night sky. Public observing sessions are geared toward all ages, and can be enjoyed by adults as much as by young children. ✨ ✨ ✨



Yanny Salom M.S., Science Teacher is verifying the students observation findings.



A student observing stars & constellation with assistance from astronomer Mr. Greg Sauve, NEFAS President



Prepping one of the star gazing telescope is Mr Greg Sauve, President Northeast FL Astronomical Society





STEM Happenings

by Ms Angela Lhotka, Falcon TOY 2016

Annunciation Catholic School

Students in 6th and 8th grade are flexing their STEM skills with sensational science fair projects. They began researching ideas in September with a completion goal of November. This week they will share their data, graphs and conclusions. Each step of the scientific method carries them closer to their abstract and final presentation.

Imagine a tree filled with ripened fruit just beyond your reach. The CE Fruity Picker is the perfect solution to this problem with telescopic reach and a collection basket you will be enjoying your fruit in no time. This is just one of the incredible original inventions created by 7th grade students. They shared their ideas with lower grade students and projects were on display in the arts and science hall Friday during the report card conferences. The STEM involved in the inventions was inspiring.

Weather is everywhere and thanks to our Air Force Association and Civil Air Patrol's generous grant of a professional weather station, Annunciation 6th grade students (pictured) are participating as local meteorologist collecting and sharing data with our local new station and Weather Underground. Students take turns to collect data daily in both classes and share data through an online connection. We are learning more about forecasts of weather on our Earth and will soon explore weather in space.

The ups and downs of the day are fun and exciting during 8th grade science. Students are learning physical science forces and motions hands on with roller coasters. They began with the basics of measuring speed and acceleration, defending the Laws of Newton and Conservation of Energy to discussing the layout of a new roller coaster in a theme park. They moved into the mechanics of materials

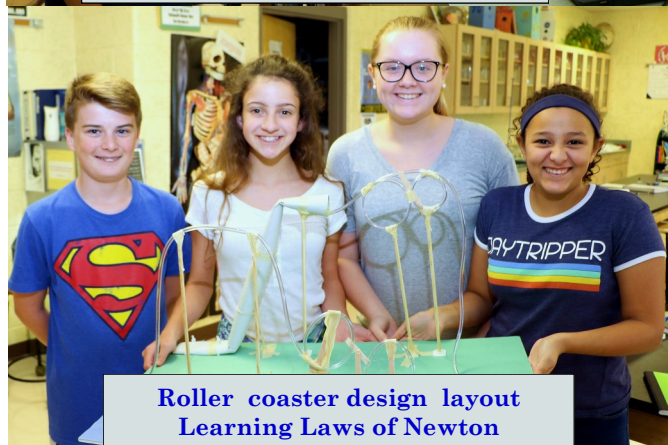
to create 3D models of their design, building the model and are now finishing up a simple business plan presentation for industry professionals. How do you know if something is alive? 7th grade students were defending their ideas of the characteristics of life when Coach integrated reaction time into a P.E. lesson on the field. Students used meter sticks to calculate their reaction time to catch the stick between their fingers then participating in relay races to collect additional data to support their findings.



Displayed Projects shared by 7th Graders



Team logs in today's conditions as reported weather station



**Roller coaster design layout
Learning Laws of Newton**



AFA FALCON CHAPTER NORTH EAST FLORIDA



~ St Johns Aero Space Academy ~

By Warren McCrary, Teacher, AFA Falcon TOY 2016

The St. Johns County Aerospace Academy is fully engaged in the 2016-2017 School year. This is our largest enrollment since the inception of the St. Johns County Aerospace Academy. This year I am joined by Dr. Angela Masson, who is teaching the Aerospace Technology 2 students (10th graders) and all of our dual-enrollment offerings through Embry-Riddle Aeronautical University. We have approximately 220 students this year. Our classes are structured as high school classes **Aerospace Technology 1, 2, 3** and dual-enrollment.

Aerospace Technology 1 (mostly 9th graders, and a few students who learn of our program after attending for a year at St. Augustine High School) is an immersive aviation course that is "an inch deep and a mile wide" when it comes to aerospace topics and curriculum. As an elective I have a lot of latitude in what I teach and I rely on my Air Force enlisted roots to develop and deliver the curriculum. Every year we start with "Crash & Burn" week, aviation statistics and safety! Next we move to aircraft visual recognition. We end the first half of the school year with movies and projects! For Aerospace 1 students two movies are the order of the day: October Sky and The Right Stuff. October Sky is a wonderful way to teach this generation about the Space Race and the Cold War, we end the movie with a great hands on project, amateur rocket building! For many of the students this is their first foray into rocketry, for some it is their first time following instructions and building something with the expectation that it works! Most students are amazed when their rocket lifts off and flies 1,000 feet in the air. The pairing of the movie October Sky and project-based learning with actual rockets is an academy favorite among students. We end the first half of the school year in **Aerospace 1** with a very detailed viewing of the movie The Right Stuff. I am a bit partial to the movie as Edwards AFB was my first duty station. Edwards was just as exciting in the 2000's as it was in the late 1940's. Our aircraft of the day were the Joint Strike Fighter and the F-22, not the Bell X-1. I love sharing my memories of a young crew chief on the flight line of Edwards AFB with my students, it is relevant and relatable. The students end the first half of the school year with an essay. Students are asked to define what they think is the "right stuff" based on how they define future success, they must put their success plans into words, and hopefully one day into action. It is not hard to find stories of success and inspiration in the short but powerful history of aviation. It is my highest duty to infect young people with that sense of awe and accomplishment.

This year I have developed a *new* course under the title of **Aerospace Technology 3**. Our maiden voyage has been very successful. This course reflects a lot of my roots as an aircraft mechanic. We are calling it a technician's course, but it serves a larger populace. We want pilots, engineers, air traffic controllers and workers of all levels and interest to experience something akin to a shop class. Shop class has mostly disappeared from the high school landscape. There is a huge skills gap with the present generation for common sense problem solving and technical skills. Aerospace Technology 3 hopes to narrow that gap and give some real world education. Students are organized into teams. Each team member has a primary responsibility such as tool control, FOD monitor, administration, Foreman, and housekeeping. In a 9 week semester each team (and team member) must submit a report and presentation on tools, safety, and metallurgy. They must develop and submit a topic approved shop math examination. They will work on the assembly and disassembly of a *Lycoming aircraft engine* and use proper maintenance documentation. They must completely disassemble and reassemble a small two stroke engine and submit a report on a piece of the engine. They disassemble and reassemble a constant speed propeller with a report. Finally they must submit a safety plan and Material Safety Data Sheet for a chemical located in their home, the school, work site, or future career. The students are required to research, follow technical data, and solve real world problems. This course is mostly hands on, and the students are loving it! In the New Year we hope to begin working on our next project building a kit built airplane, a *Zenith 750 Cruiser LSA*!

The aerospace students stay busy with after school, extracurricular activities as well. We are fully engaged with the **StellarXplorers program** provided through the **Air Force Association, our local Falcon Chapter**. This is our inaugural year. We have suffered lots of growing pains. The concept of satellite's, orbits, and space flight mechanics has stretched the absolute limit of my students and myself's capabilities! This is truly our learning year. I can say that **StellarXplorers** is offering a very realistic problem solving competition. It is very relevant and the students know that. Our small cadre of StellarXplorer's are very excited about this year, and the future of this wonderful competition. (Reference Page 1 article)



Safety check of students rockets



Rocket launch by student a success



Hands on overhauling a radial engine



Learning use of micro gauges



AFA FALCON CHAPTER NORTH EAST FLORIDA



AFA Members/Airmen for Life

Jan 17, 2017

AFA Members/Airmen for Life, We are very excited about supporting the Air Force's 70th Birthday celebration this year and we have a ton of initiatives that you will hear more about as we get off the ground.

Airmen for Life—During this year we will re-energize General Doolittle's vision for AFA that we serve as THE organization for Airmen to serve the Air Force and Air & Space power for life. Whether Active, Guard, Reserve or Civil Air Patrol. In uniform or civilian. Active or retired. Student, cadet or family member. We all believe in a dominant Air Force. We all bleed blue. We are all Airmen for Life.

"70 for 70" campaign—Each month we will highlight roughly 8 Airmen, community members, civilians, and family supporters who help make up the total Air Force family. These will include Airmen past and present. By September, we will have accumulated 70 Air Force heroes that have broken barriers through innovation, teamwork and heritage initiatives. We will recognize these Airmen each month and have a more formal celebration at our Air, Space & Cyber conference in September.

70 New Members Challenge—As the Air Force is focused on the squadron, AFA is focused on our chapters because they represent the tip of the AFA spear. They represent our strength. They are the foundation on which AFA was built. As such, from January through September, we are challenging each of our chapters to recruit 70 new members that will join our ranks as Airmen for Life. More details to follow shortly.

National Billboards—We're excited about an initiative to have celebratory billboards all across the country so all Americans can celebrate with us. Also, be on the [look-out for 70th Anniversary sale items](#) that can be sold during aviation events, open houses, etc.

Publicity/Media Coverage—All of our 70th Birthday activities will be featured on AFA's social media, website, newsletter and in Air Force Magazine. We are also partnering with a local media group for expanded coverage in other media outlets, including newspapers and T.V.

We are excited to help our Air Force celebrate its 70th Birthday and look forward to your participation and support as we make this the biggest and best celebration ever! Warm Regards, Larry O. Spencer, President, AFA "Airman for Life"



AFA Pres, Gen Spencer

AFA Members/Airmen for Life

Air Force Association Charter Member Passing at age 100.

Falcon Chapter 399 Condolence – BG Henry Newcomer

A true hero and supporter to our country. Brigadier General Henry C. Newcomer, a native of Abington, Pa., is a 1939 graduate of the U.S. Military Academy at West Point and a Veteran of World War II. He is a command pilot with 4,000 hours, a quarter of which was in single engine jet aircraft, primarily the F-100 Super Sabre. Henry is one of the charter members of the founding of Air Force Association in 1946. Is listed on the AFA Memorial.

Henry provided support to our military from the days of WW Two through out his officer carrier with the Air Force. Henry was an ardent supporter in attendance of Falcon Meetings.

Here at the AFA Falcon Chapter 399, we have always looked for his input and assessment to current happenings both within the chapter and the Air Force Association. We will miss his thoughts and input on providing direction to our Falcon Chapter.

God Bless, may he rest in eternal peace with his lovely wife.



Picture from left Col Mike Cook, CAP, Brig Gen Brian Simpler, 125FW & BG Henry Newcomer in discussion at a recent Falcon Awards Dinner.



BG Henry Newcomer addresses the AFA FL Annual Convention during the Business Session July 2013

Air Force Association Annual National Convention Sept 16-17, 2017



STARBASE Florida in its twentieth year

This year we implemented a new STEM initiative in the STARBASE classroom with engineering software from Parametric Technology Corporation (PTC) using Pro Engineering CREO with our fifth grade classes. Students use the design and modeling software to design an un-manned aerial vehicle (UAV) set up for search and rescue. (Reference photo at right). The learning curve for the industry leading CAD program was steep for the instructional staff in the beginning but the scholars have quite taken to it. Later in the STARBASE week the students fly the UAV in the simulator program on a search and rescue (SAR) mission on the Big Island of Hawaii. Students must



triangulate on Emergency Locator Transmitter (ELT) signals to determine the bearing to the missing aircraft from Kailua Kona airport on the west side of the island. GPS overlays to the program enable students to identify the location of the rescue site with latitude and longitude coordinates after locating the site.

As with other STARBASE lesson series, the hands-on problem solving models integrates Science, Technology, Engineering and Mathematics in a fast paced fun setting. Scholars hardly realize they are using math to solve the tactical problems of the mission simulation.

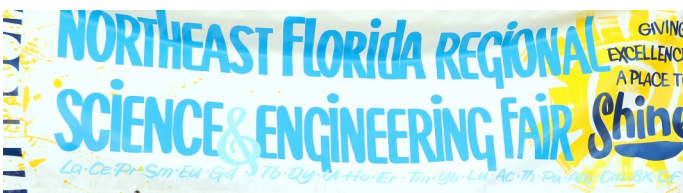
Other aspect of the new Engineering program include designing a lab module for the international space station.

If you are on base stop by to see our amazing students navigate the new STEM series in the classroom. Greg Stritch, Director, STARBASE Florida



Up front learning "hands-on" with a flight simulator for an approach landing in return to an airfield.

Chapter Teachers Support Northeast FL Regional Science & Engineering Fair

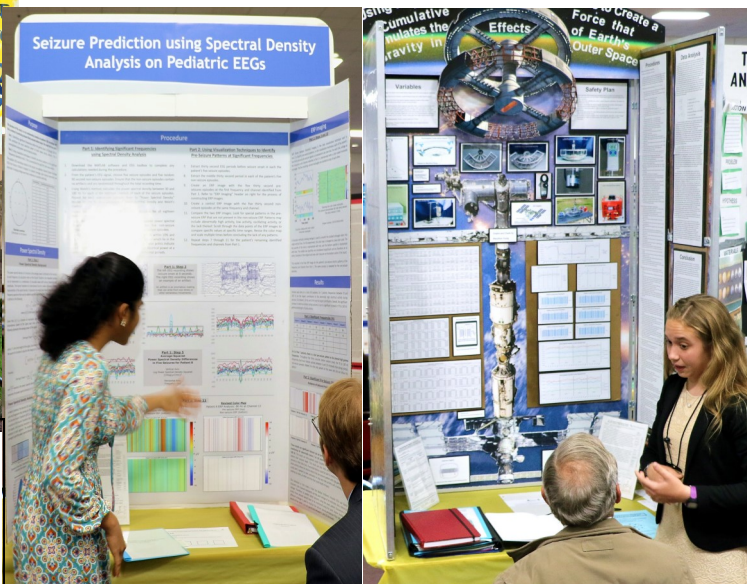


Pictured below are select Projects from the NEFRSEF



Pictured from left- Vicki Scmitt, Science Dept Chair Bishop Kenny HS; Yanny Salom, Science & Math Dept Holy Family School, Larry Belge, Pres, AFA Falcon Chapter; Cyndi Muller, Science & Math HF School; Carla Chin, Science & Math Teacher, San Jose School, Falcon Chap AE VP.

The noted teachers have brought many of their students to participate in the Northeast Florida Regional Science and Engineering Fair here in Jacksonville, FL.





FALCON CHAPTER 2016



COMMUNITY PARTNERS ***THEY SUPPORT US, PLEASE SUPPORT THEM***



2253 Dennis Street, Jacksonville, FL 32204
904-355-7770 - battalionairsoftarena.com

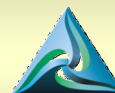


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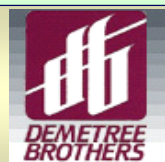
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AFA FALCON CHAPTER NORTH EAST FLORIDA



COMMUNITY PARTNER APPLICATION



☐ **YES!** We wish to support the aims of the Air Force Association for greater community understanding of the need for aerospace power in the defense of the nation, and apply for affiliation with the Association as an AFA Community Partner.

*

NAME OF COMPANY OR PROFESSIONAL OFFICE _____ LOGO _____
TELEPHONE NUMBER _____ E-MAIL ADDRESS _____
ADDRESS _____ CITY _____ STATE _____ ZIP _____
SIGNATURE & TITLE _____ SPONSORING CHAPTER **FALCON #399**

- ☐ **Category One Community Partner** - \$100 Annual Contribution (Quarterly Advertisement)
☐ **Category Two Community Partner** - \$200 Annual Contribution (Quarterly Advertisement)
☐ ***Category Three Community Partner (Silver Wings)** - \$500 Annual Contribution (Comp Awards Dinner, Quarterly Advertisement)
☐ ***Category Four Community Partner (Platinum Ring)** - \$1,000 Annual Contribution (Comp Awards Dinner, Scholarship Certificate, and Quarterly Advertisement)

PROVIDE COMPANY LOGO FOR PUBLICATION IN FALCON QUARTERLY NEWSLETTER.

SEND TO: ERNIE WEBSTER, 1822 BRUSH HILL ROAD, JACKSONVILLE, FL 32211

All Community Partners are invited to All Chapter Activities, ie., Awards Dinner, Scholarship Presentations, Special Events



Air Force Association
Falcon Chapter #399
Jacksonville, FL 32225

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or current resident

**AFA Florida Convention July 15-16, 2017 at
McDill AFB, Waterman-Twining Chapter hosts**



AFA FALCON CHAPTER NORTH EAST FLORIDA



AFA FALCON Chapter Awards Dinner - April 20 Falcon Chapter Honors Teacher of the Year for 2017

Location - Doubletree Hotel (downtown) on Southbank, Jacksonville, FL

Guest Speaker: Florida Senator Bean (by invite) AFA Natnl Award Presentation,

REGISTRATION & SOCIAL 1815, DINNER....1915 HOURS

Sit Down dinner- Menu Sliced Sirloin with Mushroom Demi Glace -or-

Chicken Italiano: Parmesan & Herb encrusted chicken breast, tomato basil cream sauce

Green Salad, Rolls, Dessert (include something chocolate)

(**Default is Chicken Italiano**, If no entrée selected)!

Please email or phone: Ernie Webster, Treasurer

904-724-8782 ernestwebster2@aol.com

For the AFA Falcon Chapter AWARDS Dinner & Presentation on **20 April 2017**

I desire _____ reservations (number attending)

at \$30 per person \$ _____

NAME: _____ SPOUSE _____

GUESTS: _____ Cadets & Children (complimentary)

I am enclosing a donation to support AFA Falcon Chapter #399 to support

Aerospace Education Programs \$ _____

If paying at the door; please prepare checks in advance of arrival payable to:

AFA Falcon Chapter #399, Inc. TOTAL: \$ _____