HAPPY NEW YEAR and welcome to 2017! After a tumultuous election season, some exciting Bowl Games (Go Air Force!), and a relaxing (hopefully!) Holiday Season, your AFA Chapter is ready to pick up the pace in the first 6 months of 2017, and we’re looking to YOU to help out wherever you can. I think we continue to have GREAT potential to EDUCATE, ADVOCATE, and SUPPORT our USAF and all Airmen (active duty, Guard/Reserve, Retired, as well as family members) in 2017 and beyond.

Our Chapter didn’t slow down at all through the Fall, as we supported many different events and organizations. Among other things, we supported two Airman Leadership School Graduations, the Quarterly Awards Ceremony, a Community College of the Air Force Graduation, and Operation Cookie Crunch (homemade Holiday cookies for our Dorm Airmen).

For the fourth year in a row, we enjoyed a wonderful Christmas Banquet with the Daedalian “Old Pueblo” Flight. Club Ironwood did a fabulous job hosting the banquet, and rumor has it there was even some “choir practice” after the formal event, so I think everyone had a great time! The Daedalians recognized their Pilot of the Year, Daedalian of the Year, and scholarship winners from each ROTC unit at the University of Arizona. Our Chapter also provided a $750 scholarship to AFROTC Cadet Clayton Utley, a junior at the U of A and the local Arnold Air Society Squadron Commander. Clayton aspires to be a Combat Rescue Officer after graduation. We plan to continue offering this scholarship on an annual basis, which may require your help and involve some additional fund raising throughout the year.

Another 2016 success was reflected by two of our CyberPatriot Teams making the State finals, the best showing a Tucson area team has had in the last 3 years. Due to the relentless efforts of Col (ret) Wally Saeger, out Chapter Vice President and Aerospace Education VP, there is a local movement between AFA, Raytheon, the U of A, and others to solicit and sign up more teams each year and continue support for STEM activities. You can help by getting the word out to your local schools through parents, teachers, and even students, and all can learn more at www.uscyberpatriot.org.

We have a full docket for the next few months, including Chapter Luncheons featuring Col Kim Campbell (612th Theater Ops Group Commander, 27 Jan), Col Scott Campbell (355th Fighter Wing Commander, 24 Feb), the Heritage Flight Conference at Davis-Monthan (Heritage Aircraft Display and Flight, 10-12 Feb), Tucson Festival of Books (11-12 Mar), the Annual AFA Golf Tournament (Blanchard Golf Course on DM, 28 Apr), and the AFA Southwest Region Conference in Las Vegas! (23-25 Jun). Check the Chapter Calendar on the last page of this newsletter and watch your email for more details on each of these events, and keep your eyes and ears open for ways to support many other events in 2017. I encourage all our members to bring us your ideas, pick an event or two you would like to help with, and pitch in; the more the merrier!!

This coming year presents our Chapter with many opportunities as we strive to partner with other like-minded organizations and work with the Civil Air Patrol, AFROTC, and other educational groups. We will kick off our year with our monthly luncheon on January 27th at the Club Ironwood (previously known as the Mirage Club on base). Please plan on attending, it promises to be another very informative event! And remember... EDUCATE, ADVOCATE, SUPPORT! Happy New Year!!
Know Your Tucson Chapter 105 Officers
Secretary: Capt. Sandra Spoon

Capt. Sandra Spoon is the Chief of Protocol for Twelfth Air Force, Air Forces Southern at Davis-Monthan AFB in Tucson.

Capt. Spoon enlisted in September 1998 as an Airman First Class and attended the Air Traffic Control Apprentice Course with an assignment immediately following to Travis AFB, CA. After receiving her bachelor’s degree in Human Services from the University of Phoenix, Capt. Spoon received her commissioning through Officers Training School and became a Force Support Officer. With seventeen years of active duty service, the Captain has served in multiple duties. She was the Chief of Force Management, 355th Force Support Squadron, Education Flight Commander and Recruiting Flight Commander for Detachment 20 at the University of Arizona.

Capt. Spoon has deployed to Southwest Asia in support of Operation Iraqi Freedom. Prior to her current position, the Captain was the Operations Flight Commander and Associate Professor of Aerospace Studies of Air Force Reserve Officer Training Corp Detachment 20 at the University of Arizona.

U of A AFROTC Cadet Clayton Utley Receives Chapter Scholarship

U of A AFROTC Cadet Clayton Utley received the Chapter’s 2016 scholarship. Cadet Utley is the President of Arnold Air Society and is majoring in Criminal Justice and will graduate in 2018 and hopes to be a Combat Rescue Officer.

Cadet Utley grew up in Texas and then chose the U of A for College. He is currently the Squadron Commander of the Russell Spicer Arnold Air Society Squadron and from AFROTC Field Training was awarded Top of Class Distinguished Graduate Award and Warrior Spirit Award.

AFA Tucson Chapter President Honored

AFA National Director Lt. Gen. (Ret) Eugene Santarelli presents AFA Tucson Chapter 105 President Mark Koechle with the Air Force Association’s Exceptional Service Award in appreciation of significant contributions to the AFA in 2016.

AFA Tucson Chapter 105 Receives Special Recognition

AFA Tucson Chapter 105 received Special Recognition awards from the Air Force Association for 2015-2016 for Chapter Growth and Sustained New Member Recruitment.

Pitsenbarger Scholarship Winners

The Pitsenbarger Scholarship winners from the Community College of the Air Force are SrA Quavius Henderson, TSgt Abel Levine. Since AFA decided not to give out scholarships last semester, the Tucson Chapter gave them each a small stipend and a 1-year AFA membership, presented by Chapter President Mark Koechle.
Heritage Flight 2017

The Heritage Flight Training and Certification Course will take place at Davis-Monthan Air Force Base, February 9-12, with aircraft and personnel scheduled to arrive February 7-8 and depart February 12-13. During the course, civilian pilots of historic military aircraft and Air Force pilots of current fighter aircraft will practice flying in formation together.

Heritage flights raise public awareness of the Air Force mission and commemorate its history. Air Combat Command aircraft flying in past years’ training included the F-35 Lightning II, the F-22 Raptor and the F-16 Fighting Falcon. The historic aircraft included the P-51 Mustang, the P-40 Warhawk, the P-38 Lightning, the P-47 Thunderbolt and the F-86 Sabre. The number and types of Heritage aircraft are still being finalized.

Chapter 105 will have the unique opportunity to view the aircraft up close & personal when we are given VIP access with base personnel the morning of Friday, February 10. In the past we have met at Base Operations and proceeded to the flight line where the participating aircraft will be parked before they start flying later in the morning. Look for a future email with details on the actual event and how you can RSVP.

CyberPatriot IX in Tucson

CyberPatriot IX, the National Youth Cyber Defense competition conducted by the AFA, completed the first two rounds of competition for 2016-2107. Two of the teams from Tucson are faring extremely well despite getting a relatively late start since both teams registered in October just before the first round November 11-15. The second round took place Dec 9-11.

In its second year of competition, the Civil Air Patrol team from the Neotoma Composite Squadron finished in the Platinum tier; one of only two CAP teams to do this in Arizona and among the 83 CAP teams to do this nationwide. To put this in perspective, there are 528 teams competing in the CAP category of the All Services Division. A team must finish in the Platinum tier in order to be able to compete to go to the National Finals in Baltimore MD in April. The Neotoma Composite Squadron team is coached by Lt Col (CAP) Laura Markiewicz. In only its first year of competition, the Open Division High School team from University High School also finished in the Platinum tier. Only nine teams in Arizona finished in the Platinum tier and 550 finished in that tier nationwide. There are 2,217 teams competing in the Open Division. The team is coached by David Herring, an instructor at University High School.

These two teams will compete in the Platinum State Round on Jan 13-15 in an effort to advance to the Platinum Regional Round Feb 3-5. The National Finals for the top 13 teams in the All Services division and top 12 teams in the Open division will take place in Baltimore MD Apr 2-6, 2017. While all previous rounds take place remotely where the teams live, the Nationals are head-to-head in Baltimore with the teams receiving all-expense paid trips to be there.

There are two other tiers, Gold and Silver, which teams are placed in after the first two rounds so they can compete against other teams with similar capabilities. The Top 30% teams go into the Platinum tier, 40% go into the Gold tier, while the remaining 30% are placed in the Silver tier. Teams in the Gold and Silver tiers are not eligible to advance to the Nationals. If you want more information on CyberPatriot go to their web site at http://www.uscyberpatriot.org

Tucson Festival of Books
March 11-12, 2017

The Tucson Festival of Books will be held Saturday March 11 and Sunday March 12, 2017 on the University of Arizona Mall from 9:30 AM until 5:30 PM. The Tucson Festival of Books is a community-wide celebration of literature. Offered free-of-charge, the Festival exists to improve literacy rates among children and adults. All proceeds from the Festival are used to sustain the event and support local literacy programs.

Since 2009, the Festival has contributed over $1,250,000 to agencies that improve literacy in the community. Over 350 authors participate in presentations and workshops attracting diverse audiences. There is something for everyone at the Tucson Festival of Books...they offer programming for children and teens, panels by best-selling and emerging authors, a literary circus, culturally diverse programs, a poetry venue, exhibitor booths and two food courts. Words and imagination come to life at every venue during Festival weekend.

While we couldn’t support a booth in 2016 due to the Davis-Monthan Air Show, we will be returning with a booth in 2017. The purpose of our booth will be to educate the public on the mission of the Air Force Association as it relates to supporting the US Air Force and encourage participation in CyberPatriot, the national cyber defense education and competition for students from elementary school to high school.

We will be looking for volunteers from our chapter and the other three chapters in the state: 107, 151 and 418. Watch for information on the booth and time slots for volunteers sometime in early 2017 but put the dates on your calendar now so you can be available to help. Spend a couple of hours in the booth then enjoy wandering around the Festival of Books at your leisure. - Wally Saeger

2017 National Defense Authorization Act

December 8, 2016
Dear Air Force Association Members:

The 2017 National Defense Authorization Act (NDAA) is hot off the press. Highlights are below:

Current Status
- The FY17 NDAA passed in the House by a vote of 375-34. It will be voted on in the Senate next week.

Major procurement authorized at President’s Budget request level:
- 43 x F-35A
- 15 x KC-46A (increase of 3 over FY16)
- B-21 engineering, manufacturing and development fully funded

Added readiness funds for:
- 4,000 additional military bringing the end strength to 321,000 active duty force
- Weapons system sustainment
- F-16 capability upgrades
- Limits FY18 funding to retire any JSTARS aircraft unless damaged and not flyable

Major Air Force policy issues:
- Increased the oversight of the B-21 program requiring semiannual cost, schedule, performance reporting to Government Accountability Office (cont. page 4)
Tucson Chapter’s October Meeting Presentation
AFROTC Cadet Kaitlynn Williams

University of Arizona student and AFROTC Cadet Kaitlynn Williams presented a program on the AFROTC: What it is, who they are, and how the Arnold Air Society and Silver Wings connect to the Air Force Association.

AFROTC is a college program offered at 1,100+ universities with 15,000 cadets nationwide. It is 1 of 3 commissioning sources designed to recruit from different backgrounds.


The UofA’s AFROTC Detachment

20 history:
- 1885: UofA Founded, the Morrill Act required military training
- 1896: Military Science & Tactics Courses for male students.
- Commissioned into Arizona Territorial National Guard
- 1920: Calvary instruction provided
- WWII: 11,000 men received UofA military training
- 1947: AF & AFROTC established
- 1969: Arizona Territorial National Guard

After their programs are completed and graduation, cadets are commissioned as 2nd Lt.

The Arnold Air Society is a professional honorary service organization and provides Community Service for Vietnam Veterans Association of America, Community Food Banks, Honor Flight, Relay for Life, Ronald McDonald House, STEM hours at elementary schools, Tucson Bike Build, and Flight Hanger.

Silver Wings develops strong civilian leaders with an understanding of aerospace power and has objectives of community service, working in conjunction with the Arnold Air Society and the Air Force Association.

NDAA continued:
- Requires independent study on the effectiveness of Air Force Ready Aircrew Program
- Repeals requirement to maintain certain retired C-5 and F-117 aircraft in re-callable status

DOD Healthcare Provisions:
- The Secretary of Defense shall establish a self-managed, preferred-provider network option under the TRICARE program. Such option shall be known as “TRICARE Select” and is for active duty family members, retirees, reserve, and young adults. Under TRICARE Select, eligible beneficiaries will not have restrictions on the freedom of choice of the beneficiary with respect to health care providers. Cost sharing is required dependent on prior military status.
- Requires some additional cost sharing fees for Tricare Prime retirees and family members and increases annual enrollment fees by a modest amount.
- Beginning October 1, 2018, the Director of the Defense Health Agency shall be responsible for the administration of each military medical treatment facility

Major DOD policy issues with Air Force implications:
- Authorized aviation retention bonuses to maximum cap of $35,000 per year
- Sense of Congress defining fifth-generation airborne platforms
- Requirements for security of land-based nuclear forces (UH-1N replacement)
- Requires study on optimal mix of aircraft capabilities for the Armed Forces

AFA will keep you updated over the next few weeks as more information is reviewed and assessed.

Sincerely,
Larry O. Spenser
President
As 2016 comes to close and a new year is upon us, we reflect upon all of the aspects of the STARBASE Arizona program that we are grateful for. We have many things that we here at STARBASE are thankful for, but a few that come to the forefront, those of which the program here at Davis-Monthan would not be successful and most likely not possible.

Our students. The students that we see at STARBASE are from the public schools across the city of students. Most of the kids that come to our program have little or no experience with military personnel and have very little access to the curriculum and activities we are able to offer them. Here at STARBASE students not only are able to interact daily with DM airmen, but also have the opportunity to be engineers, program robots, design satellite stations on CAD software and geocache for drone pieces at Heritage Park. In 2016, STARBASE saw upward of 1,000 students.

Our volunteers. Each year STARBASE employs approximately 200 hours of volunteering from all ranks and jobs in the Air Force. Men and women from Davis-Monthan give up their time to invest in our students through career guide briefings (lunch time talks about their jobs in the Air Force, how they came to be an Airmen and how they may use science, technology, engineering and math throughout their daily role in the military), rocket launch volunteers (aiding our students with the rocket launch we do after they learn about Isaac Newton and the Laws of Motion), and hosting a squadron tour on the final day the students attend the program.

Our support system. We are proud to be a part of the 355th Fighter Wing and sponsored under the Mission Support Group. STARBASE is grateful for the partnership we have built with Davis-Monthan in order to best serve the Tucson community through hands-on activities and positive relationships with military personnel.

As we look forward to 2017, we are anxious to share the STARBASE program with many more students and DM volunteers.

**BECOME AN AFA COMMUNITY PARTNER**

By joining AFA as a Community Partner, you are supporting your local AFA Chapter and all of its efforts to develop community understanding of, and support for, the US Air Force. All Community Partners receive a plaque and an “Our Business Supports Our Troops” AFA window decal. If you are interested in becoming a Community Partner or know a business that would like to become one, please send an email to Dave Carrell at dave.carrell@cfafranchisee.com

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The **North American F-100 Super Sabre** was an American supersonic jet fighter aircraft that served with the United States Air Force (USAF) from 1954 to 1971 and with the Air National Guard (ANG) until 1979. The first of the Century Series of USAF jet fighters, it was the first USAF fighter capable of supersonic speed in level flight. The F-100 was designed by North American Aviation as a higher-performance follow-on to the F-86 Sabre air superiority fighter.

Adapted as a fighter bomber, the F-100 was supplanted by the Mach two class F-105 Thunderchief for strike missions over North Vietnam. The F-100 flew extensively over South Vietnam as the air force's primary close air support jet until being replaced by the more efficient subsonic LTV A-7 Corsair II. The F-100 also served in other NATO Air Forces and with other U.S. allies. In its later life, it was often referred to as the **Hun**, a shortened version of "one hundred".

**General Characteristics**

- Crew: 1
- Length: 50 ft
- Wingspan: 38 ft 9 in
- Height: 16 ft 3 in
- Empty weight: 21,000 lbs
- Loaded weight: 28,847 lbs
- Max. takeoff weight: 34,832 lbs
- Powerplant: 1 Pratt & Whitney J57

**Performance**

- Maximum speed: 750 kn (864 mph, Mach 1.3)
- Range: 1,733 nm
- Service ceiling: 50,000 ft
- Rate of climb: 22,400 ft/min

**Armament**

- Guns: 4 x 20 mm Pontiac M39A revolver cannon
- Missiles: 4 x AIM-9 Sidewinder or 2 x AGM-12 Bullpup or 2 or 4 x LAU-3/A 2.75 unguided rocket dispensers
- Bombs: 7,040 lb of weapons, including Conventional bombs or Special stores: Mark 7, 28, 38, or 43 nuclear bomb

**Avionics**

- Minneapolis-Honeywell MB-3 automatic pilot
- AN/AJB-1B low-altitude bombing system
- AN/APR-26 rearward radar warning

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*A Little Bit of History*

**North American F-100 Super Sabre**

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AIR FORCE ASSOCIATION
GOLF TOURNAMENT
BLANCHARD GOLF COURSE, DAVIS-MONTHAN AFB,
FRIDAY, 28 APRIL 2017

ENTRY DEADLINE IS 24 APRIL 2017

Four man Team Scramble – Make up a foursome or we will make a group for you!
Time: 12:30 PM - Shotgun Start
Entry Fee: $75 per golfer
Includes: Green Fees, Cart, Sandwich, Drink and Door Prize Ticket!!

HOLE IN ONE PRIZE = NEW CAR!!!

Player No. 1:
LastName_______________________First Name_______________________
Phone ___________________________________________E-Mail:
Have Base Access? Yes/No: ___Y_____ If answer is “NO”, mandatory info required for gate pass **
Soc Sec No. ___________________________Date of Birth_______________________Dr.Lic. No.&State_____________________

Player No. 2:
Last Name: ___________________________First Name:_______________________
Phone ________________________________E-Mail:
Have Base Access? Yes/No: ___Y_____ If answer is “NO”, mandatory info required for gate pass**
Soc Sec No. ___________________________Date of Birth_______________________Dr.Lic# & State_____________________

Player No. 3:
LastName:__________________________First Name:_______________________
Phone ________________________________E-Mail:
Have Base Access? Yes/No: ___Y_____ If answer is “NO”, mandatory info required for gate pass**
Soc Sec No. ___________________________Date of Birth_______________________Dr.Lic#&State_____________________

Player No. 4:
Last Name: ___________________________First Name:_______________________
Phone ________________________________E-Mail:
Have Base Access? Yes/No: ___Y_____ If answer is “NO”, mandatory info required for gate pass**
Soc Sec No. ___________________________Date of Birth_______________________Dr. Lic# State:_____________________

Make check(s) payable to: “AFA - Tucson Chapter 105” - Total enclosed $__________

Mail completed entry form and check(s) @ $75 per player to:
Scott Van Valkenburg, 6040 E. Calle De Vita, Tucson, AZ 85750
For information: Scott Van Valkenburg 520-334-9566, e-mail: vanvs@aol.com
or Mark Koechle, 520-822-4901, email: mkoechle@afatucson
Upcoming Events

Look for future “field trips” to different squadrons on base; if you have something specific you want to see please let us know! There are MANY events supporting our local Airmen listed below and more to come! As a Chapter, we try to attend all that we can. If you are interested in representing our AFA Chapter at any of these, please inform Mark Koechle (mkoechle@afatucson105.org), and he will coordinate it. You just have to show up and enjoy these traditional military ceremonies and gatherings. First come, first served!!

January 2017
- 9th: AFA Executive Committee Meeting, 355 OG Conference Room, 1200 (all welcome!)
- 27th: Chapter Monthly Luncheon, Speaker Col Kim Campbell, 612th Theater Ops Group Commander, Club Ironwood, 1130 Lunch, 1200 Presentation

February
- 6th: AFA Executive Committee Meeting, 355 OG Conference Room, 1200 (all welcome!)
- 10th: Heritage Flight Conference (Flyby Certification), DMAFB Base Ops Flightline morning Tour, details TBD (Heritage Flight occurs 10-12 Feb this year)
- 24th: Chapter Monthly Luncheon, Speaker Col Scott Campbell, 355th Fighter Wing Commander, Club Ironwood, 1130 Lunch, 1200 Presentation

March
- 6th: AFA Executive Committee Meeting, 355 OG Conference Room, 1200 (all welcome!)
- 12th & 13th: AFA Booth at Tucson “Festival of Books”, Univ. of Arizona Mall (to promote, advertise and solicit teams for the next round of CyberPatriot, registration Apr - Aug 2017)
- 24 or 31: Chapter Monthly Luncheon, Speaker Lt. Gen. Kelly, Club Ironwood, 1130 Lunch, 1200 Presentation

April
- 4th: Chapter Executive Committee Meeting, 1200, 355 Ops Group Conference Room (all welcome!)
- 28th: AFA ANNUAL Golf Tournament, Blanchard Golf Course, DMAFB, 1230 Shotgun; Start Forming Your Teams Now!! SAVE THE DATE (see sign-up sheet on page 6)

June–
- 23-25: AFA Southwest Region Conference, SouthPoint Casino, Las Vegas; more details forthcoming, but if you want to attend, let us know now so we can reserve enough rooms!

Air Force Association
Tucson Chapter 105
P. O. Box 15057
Tucson, AZ 85708

Air Force Association Means Americans for Air Power

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AFA’s Mission

Our Mission is to promote a dominant USAF and a strong national defense and to honor airmen and our AF heritage. To accomplish this we:

Educate the public on the critical need for unmatched aerospace power and a technically superior workforce to ensure US national security,

Advocate for aerospace power and STEM education, and

Support the total Air Force Family and promote aerospace education.