

**HISTORY OF  
ARIZONA WING  
CIVIL AIR PATROL**  
Auxiliary of the United States Air Force



**1 January 2018 - 31 December 2018**

HISTORY  
Of  
**ARIZONA WING**  
CIVIL AIR PATROL  
*AUXILIARY OF THE UNITED STATES AIR FORCE*

*Prepared By*

LtCol Robert McCord, CAP

*Arizona Wing Historian*

*Reviewed By*

Col. Martha Morris, CAP  
*Arizona Wing Commander*

**COMMANDERS APPROVAL LETTER**



**HEADQUARTERS ARIZONA WING  
CIVIL AIR PATROL**  
UNITED STATES AIR FORCE AUXILIARY  
7383 North Litchfield Road, Suite 1175  
Luke Air Force Base, Arizona 85309-1175



01 May 2019

MEMORANDUM FOR NHQ/HO

THRU: SWR/HO

FROM: AZ/CC

SUBJECT: Approval of 2018 Arizona Wing History

1. The attached 2018 Arizona Wing History has been reviewed and is approved.
2. Point of contact for the 2018 Arizona Wing History is Lt Col Robert McCord, CAP. His email address is [rdmciia@aol.com](mailto:rdmciia@aol.com).

A handwritten signature in black ink that reads "Martha C. Morris".

Martha C. Morris, Colonel, CAP  
Commander

## INTRODUCTION OF WING STAFF

### THE ARIZONA WING COMMAND (EX)

**Wing Commander**

Martha Morris

Col



A Level V Professional Development Award Recipient, Martha is a 38 year member of Civil Air Patrol.

Currently the Commander of the Arizona Wing.

In May of 2019 and in November 2016 the United States Air Force conducted our Biennial Evaluated Operational Exercise testing our Emergency Services response the Wing was judged *READY* and *OUTSTANDING* for the third and fourth time. Previously Director of Operations for Arizona Wing and a Check Airmen. Holder of CAP Command pilot wings. Over her career she has found two missing “downed” aircraft on actual REDCAPS. Conducted 625 CAP flight check rides: glider pilot, powered pilot, mission pilot, mission check pilot and check airmen. Soloed 21 CAP cadets in both glider and powered aircraft. Organized and conducted numerous: Accident review boards, flight clinics, mission aircrew classes, Check Pilot Standardization Courses, Wing and National Conference Seminars. Trained numerous scanners, observers, mission pilots and check airmen. Taught at CLC, SLS, UCC and Mountain Flying Clinics.

Martha Morris by day is a first officer on the Airbus 320/321 with jetBlue Airways flying the *WATRS* routes in the Caribbean, Central America and across the nation with over 21,000 flight hours.

## **EDUCATION & TRAINING**

CAP Wing Commander College

CAP Region Staff College

CAP Corporate Learning Course and Squadron Leadership School

Cessna G1000- Factory Accepted Instructor (CFAI) Course at the Cessna Factory

National SAR School and National Inland SAR Planning Course

Six Specialty Track Qualifications: three Technician and three Master Qualifications

Bachelor of Science, Arizona State University

Master of Aeronautical Science, Embry Riddle Aeronautical University

## **ASSIGNMENTS**

Jan 2016 – present day The Arizona Wing Commander

April 2010 – Oct 2015 – Director of Operations AZ Wing and Check Airman

2008-2010 – Squadron 305 check pilot and Operations Officer

1987-2005 - Arizona Wing Standardization and Evaluation Officer

1983-1987 - Arizona Wing Assistant Stand Eval Officer

1981-1983 - Squadron 305 pilot, mission pilot and Check Airmen

## **MAJOR AWARDS AND DECORATIONS**

Air Force Organizational Excellence Award

Exceptional Service Award

Meritorious Service Award with four clasps

Commanders Commendation Award with six clasps

Unit Citation Award

Gill Robb Wilson Award

Recipient of the Dell Ruby Award for Leadership



**EDUCATION AND TRAINING:**

B.S.C.E., Arizona State University, 1984

Incident Commander (IC2)

Operations Section Chief

Planning Section Chief

Ground Branch Director

Ground Team Leader

Flight Release Officer

ICS100, ICS200, ICS300, ICS400, ICS700, ICS800

National Association of Search and Rescue Level II Certification

Basic Safety Course, Advanced Operational Risk Management Course

Arizona Department of Emergency Services Arizona SAR Academy Certification

Mission Scanner, Mission Staff Assistant, Mission Radio Operator, Flight Line Marshaller

Master Emergency Services, Master Administration, Master Professional Development,

Master Command

**ASSIGNMENTS:**

Jul 2018 – present: Arizona Wing Vice Commander

Jan 2016-Jul 2018: Arizona Wing Chief of Staff

Apr 2012-Jan2016: Assistant Wing Vice Commander/East Sector AZWG

Apr 2008-Apr2012: Commander, Group 3 AZWG

Feb 2007-Apr 2008: Commander, Squadron 304 (SWR-AZ-036)

Sep 2001-Feb 2007: Staff Officer, Squadron 304 (Deputy Commander for Seniors,  
Emergency Services Officer, Administration Officer, Professional Development  
Officer, Testing Officer)

## **MAJOR AWARDS AND DECORATIONS:**

Loening, Davis, Garber, and Yeager Awards

Exceptional Service Award

Commanders Commendation x 8

Achievement Award x 3

Ground Team of the Year (SWR and National) 2013 and 2015

AZWG Ground Team Member of the Year 2018

AZWG GT SAR Finds x 100+

Saves x 3



Volunteering for a number of agencies over a 15 year period, Maj Hoff elected for a clean start with a new organization upon moving to Arizona in 2009. He became a member of the Arizona Wing of the Civil Air Patrol when he joined the Deer Valley Composite Squadron 302 in 2009. He served as a cadet programs officer, communications officer, and an aircrew member. Leaving the squadron as the Deputy Commander for Cadets, he then took command of the Cadet Programs & Aerospace Education Support Group while also serving as the Director of Cadet Programs until 2018 when he was assigned as the Chief of Staff for Arizona Wing. Maj Hoff has served at eight Arizona Wing encampments, commanding four of them. In 2015 Maj Hoff was selected to join the CAP Cell Phone Forensics Team as a Technical Specialist, participating in hundreds of missions assisting agencies throughout the United States in located missing and lost aircraft and people.

Professionally, Maj Hoff works in Information Technology for a large municipality and is also a licensed police officer for a large metropolitan agency. His lovely wife Robin is extraordinary understanding of all her husband's volunteer work.

**EDUCATION AND TRAINING:**

Squadron Leadership School  
Corporate Leadership Course  
Training Leaders of Cadets  
Inspector General Basic Course  
Training Leaders of Cadets (Basic)  
Mission Observer  
Communications Unit Leader  
Flight Line Supervisor  
Logistics Section Chief  
Public Information Officer  
Mission Staff Assistant  
Community Emergency Response Team (CERT)  
Master Rating, Communications  
Master Rating, Cadet Programs  
Master Rating, Information Technology  
Technician Rating, Inspector General  
Character Development Instructor



## **ASSIGNMENTS**

Jul 2018-Present, Chief of Staff, Arizona Wing  
May 2016-Present, Director of Information Technology, Arizona Wing  
Oct 2015-Present, Technical Analyst, Cellular Forensics Team, CAP National Headquarters  
Mar 2015-Jul 2018, Assistant Director of Communications, Arizona Wing  
Oct 2014-Jul 2018, Director of Cadet Programs, Arizona Wing  
Oct 2014-Jul 2018, Commander, Cadet Programs & Aerospace Education Support Group, AZWg  
Aug 2014-Present, Advisor to the Commander, Arizona Wing  
Dec 2010-Aug 2013, Information Technology Officer, Deer Valley Composite Squadron 302  
May 2011-Oct 2011, Deputy Commander for Cadets, Deer Valley Composite Squadron 302  
Aug 2009-Oct 2014, Assistant Communications Officer, Deer Valley Composite Squadron 302

## **MAJOR AWARDS AND DECORATIONS**

Commander of the Year  
Senior Member of the Year  
Del Rubi Leader/Mentor Award of Excellence  
Air Force Organizational Excellence Award  
Exceptional Service Award (2)  
Commanders Commendation Award (6)  
Achievement Award  
Unit Citation Award (2)  
Loening, Davis, Garber, Yeager Awards  
Command Service  
Red Service Ribbon  
Find Ribbon (Multiple)  
Air Search and Rescue Ribbon  
Community Service Award (2)  
Cadet Special Activity Ribbon  
Encampment Ribbon (8)

## **BRIEF WING NARRATIVE**

*An edited version of a speech by Col. Martha Morris delivered at the 2019 Southwest Region /Arizona Wing Conference.*

Arizona Wing has had another excellent year. We were recognized with the Paul E. Turner National Safety Award at the conference in Anaheim last August. Congratulations to wing safety officer Lt Col Corey Stohlquist for the program he developed to improve and maintain Arizona Wing's high safety standards.

We also were recognized in two major categories, with awards from the Southwest Region for excellence in Search and Rescue and Aerospace Education Programs. Congratulations to our dedicated search and rescue team members across the wing and to Capt. Angelo Rossetti, our director of aerospace education programs.

Our member numbers are up this year– with a total of 1,270 –The highest number we have had in fifteen years for an overall increase of 7 and a half percent. Our greatest increase is in the cadet numbers with a 12 month increase of more than 17 percent.

Arizona Wing flew 3,025 flight hours last year. This is the first time Arizona Wing has flown more than 3000 hours in a year. So far this fiscal year, Arizona Wing has flown 1830 hours making us, right now, today.... SECOND in the nation as far as flight time per aircraft. That is just awesome.

Beyond the numbers, there are some things that make this wing unique.

Arizona Wing is home to the National Cell Phone Forensics Team, a national asset, composed of Arizona Wing members. The use of historical cell phone data to support Civil Air Patrol search and rescue missions originated in April 2006 when Maj. Justin Ogden first used software he developed to help predict the most likely area to search for a missing airplane. Today, the team handles one mission per day on average and is credited with 208 finds and 156 saves so far this year. These Silent Searchers, I call them the League of Secret Super Heroes, do their work at home, in the middle of the night in their pajamas.

Our cadets participated in the opening ceremonies at the Arizona State Legislature and also presented the colors at Arizona Aviation Day at the Capital. It has become a tradition at the state legislature.

We supported our state with disaster relief assistance, surveying northern Arizona airports and other infrastructure after a major snowstorm. We flew Barrel Cactus missions to clear the Barry Goldwater Air Force Range before live fire exercises and Smoke Detector missions to look for forest fires. In the past year, our Hawkeye Counter Drug crews flew 327 hours supporting our Homeland Security colleagues in Customs and Border Protection with the imaging aircraft along our southern border.

In support of the U.S. Air Force pilot training initiative, Deer Valley and Eloy Composite Squadrons have developed private pilot ground schools, with the aim of preparing cadets for flight training, either within CAP, or through other programs. Currently, seven cadets and three senior members are taking the eight-week class at Deer Valley with the goal of successfully completing the FAA written exam in May. The Eloy squadron has offered several Ground School programs for aspiring pilots with more planned.

For the fourth time in five years, the Arizona Wing began Thanksgiving week engaged in a missing person search mission. This year, the Wing's Ground and Air Teams supported the Mohave County Sheriff's search for three people lost in the mountain wilderness of northwest Arizona. Twenty-eight Arizona Wing members participated, including the National Cell Phone Forensics Team, four aircraft, incident command staff and ground team members from eight squadrons across the state. A "virtual" Arizona Wing Incident Command Post utilized the CAPLINK internet radio communications system. The missing vehicle was located by Arizona Wing.

Cyber Patriot Cadets from four Arizona Wing squadrons – one in Tucson and three in the Phoenix area – participated in the 2018/2019 CyberPatriot Competition. During the semi-final competition in February, Tucson's Neotoma Composite Squadron ultimately achieved the greatest success, placing first in their division and tier.

CAP cadets in high school compete in the All Service Division against Junior ROTC cadets from multiple military service branches and Naval Sea Cadet Corps members.

In the Phoenix area, cadets from Willie, Deer Valley and Glendale squadrons prepared together for the competition, utilizing equipment and space provided by the University of Phoenix. Deer Valley's team placed second in the All Service Division, with Willie Squadron in third place overall.

Eloy Composite Squadron 131 is the newest squadron in the Arizona Wing. Based in the Eloy Elementary School District, in a facility generously provided by the district, the new squadron is commanded by Capt. Kevin Rattey. The squadron has 20 members, including 12 cadets, all of whom have achieved their Curry Awards. Several teachers and administrators from the school district have joined the squadron as senior members and are supporting the cadet program.

The squadron was recognized by Congressman Tom O'Halleran for "outstanding contributions to the betterment of our community." O'Halleran presented a Congressional certificate to the squadron members during a visit.

The Code Talker Bahe Ketchum squadron has expanded with members now in Page. During a day of Cadet orientation Flights at the Page Airport, the president of the Navajo Nation flew over from Window Rock to visit with CAP cadets and family members. It was interesting as he talked with the cadets in English and to the parents in Navajo.

The Memorial Day, 4<sup>th</sup> of July, and Labor Day holidays typically define the beginning, middle and end of summer. For the Arizona Wing, those holidays bring precautionary search and rescue missions along a stretch of the Colorado River and Lake Havasu, where crowds of boaters and partiers gather.

Working from the London Bridge Squadron facility at the Lake Havasu City airport, aircraft from across Arizona Wing conduct air searches along both sides of the river to locate and direct rescue efforts for people in distress. Members of the Arizona Wing Ground Team patrol beaches, inland areas, and marinas. CAP K-9 teams assist the U.S. Coast Guard Auxiliary, with certified water search K-9s and their handlers working onboard Coast Guard boats. CAP works with multiple law enforcement agencies, such as sheriffs from California and Arizona counties, and the Coast Guard Auxiliary, patrolling the entire area.

The cadet color guard competition team from Sky Harbor Squadron in Phoenix represented the Arizona Wing at the Southwest Region cadet competition in February. Held at Fort Chaffee in Arkansas, the competition involved teams from the Arizona, Arkansas, Louisiana, and Texas Wings. They competed in a wide range of challenging events including color guard presentation, flag folding, knowledge questions, and physical conditioning trials. This was the first time the Sky Harbor Squadron color guard team participated in the regional competition. The team's total points earned them a tie for second place.

In May, members of Yuma Squadron helped conduct its annual aerospace education activity with Alice Byrne Elementary School students. The cadets met the students with brightly painted rockets ready for launch. The students were briefed on safety, listening with rapt attention. Detailed instructions were then provided by cadets about rocket launch operations. Students on the sidelines loudly counted down to liftoff in traditional fashion for the launches. More than 60 rockets were launched safely over the two days. Families had the opportunity to capture images of their budding rocket scientists at work.

Cadets in the Arizona Wing who earn the Billy Mitchell Award are eligible to be recognized at the Arizona Capitol by the Governor's Office. In December, five cadets and their families were welcomed to the Executive Tower by the governor's policy advisor for military and veteran's affairs. The cadets were from London Bridge, Willie, Yuma, Deer Valley, Prescott, and Falcon Composite Squadrons. The cadets received a commendation certificate signed by Arizona Governor Doug Ducey. When the cadets were asked about their career ambitions, all five indicated their interest in military service, with several saying they wanted to attend a service academy.

The Arizona Wing was invited to participate in two Tucson-based Arizona military unit events in November – one with the 162<sup>nd</sup> Fighter Wing of the Arizona Air National Guard, and the 943<sup>rd</sup> Rescue Group, a reserve component of the U.S. Air Force, assigned to Tenth Air Force. For the 162<sup>nd</sup> Fighter Wing Family Day, CAP had a Cessna 182 on static display. Two members of Tucson Composite Squadron assisted members of the William Rogers Memorial Senior Squadron during this event. Approximately 200 people stopped by to take a look at the aircraft and learn more about CAP.

The 943<sup>rd</sup> Rescue Group invited CAP to join in its invitation-only event in November. Originally conceived as a family appreciation day, the unit decided to add a community outreach component where civilian agencies were invited. Similar to the Air Guard Family Day, the Tucson Squadron's goal was to showcase some of CAP's capabilities and to recruit both senior members and cadets from the attendees. An aircraft was flown in for static display. Several members of the Arizona Wing Ground Team, including K-9 Max and his handler, Senior Member Mendy Miller, were on hand to demonstrate the broad capabilities CAP offers in both air and ground search and rescue.

Operation Pulse Lift is the Arizona Wing's blood donation program supporting the American Red Cross. It began in 2016 at Falcon Squadron and members conduct three blood drives a year. Blood collections are done by Red Cross members with support and logistics supplied by the Civil Air Patrol. So far, the Arizona Wing has collected 900 blood donations, with a goal to reach 1000 by the end of 2019. Operation Pulse Lift saves lives!

In May, 15 members from the Superstition Amateur Radio Club visited Falcon Squadron to learn more about the squadron and Civil Air Patrol. Squadron members encouraged the local HAM

radio club members to extend their volunteer spirit and communications skills by becoming Civil Air Patrol members. The radio room at the Falcon Incident Command Post drew a great deal of interest and clearly sparked a number of individuals to consider returning for future squadron meetings. Many stated they would be interested in becoming CAP Mission Radio Operators, a specialty field that is in short supply.

In June, 90 cadet students graduated from the Arizona Wing Summer Encampment. The students were led by 29 members of the cadet command staff. All 119 cadets (including one cadet cadre member from Utah Wing) proved again that the Civil Air Patrol has the best young adult members of any youth organization. There are far too many members who made the encampment a success to list them all here. Thank you for all you do for our cadets, both at our annual encampment, and throughout the year.

The descendants of three Civil Air Patrol members who served during World War II received posthumous Congressional Gold Medals in June at the Arizona Capitol Museum in Phoenix. The medal is awarded by the United States Congress and is the highest civilian award in the U.S., on par with the Presidential Medal of Freedom.

I was privileged to recognize Paul Burk, Sr., Frances Burk-Wheaton, and Phyllis Burk at the ceremony and present their medals to Burk family members, many of whom live in the Phoenix area. I was joined by Penny Pew, District Director for Congressman Paul Gosar.

In late May, Sky Harbor Squadron celebrated its 10<sup>th</sup> consecutive year of participation in the annual Memorial Day Ceremonies held at the National Memorial Cemetery of Arizona located in Phoenix. Cadets from Sky Harbor and Deer Valley Squadrons marched in the Parade of Colors as two separate Color Guard units. Cadets from both squadrons assisted with the releasing of doves to conclude the ceremony. The featured speaker at the Memorial Day ceremonies was Arizona Governor Doug Ducey, who took the time to speak with our cadets.

Arizona Wing is fortunate to have numerous members who are current or retired employees of high-tech companies in Arizona, which include Honeywell, Intel, Motorola, and others. Our Arizona Wing "Skunk Works" team is always looking for new ways to support the CAP mission through technology solutions. You will be amazed at the number of innovations our Skunk Works team has developed over the past years. I know I am.

Do you remember the GEIP system? It was designed to send near real time images from an aircraft to ground stations. It was replaced by the DAART system. It was not designed for CAP aircraft. Arizona Wing experts, over several years, designed upgrades to both the system and how to best operate it for CAP missions. They designed everything from mounting systems to antenna mounts. They upgraded the cellphone to 4G LTE and incorporated DAART into the national asset imaging aircraft.

Arizona Wing operates a Cessna 182 equipped with a multi-spectral imaging system. Our experts have continuously developed new techniques to use this asset most effectively.

During the same time period, then Captain Chris Dusard developed a control panel that duplicates the functions of the G1000 navigation system. The realistic controls give Mission Observers and Pilots a place to learn and practice most of the functions needed to successfully manage the complex navigation system. With the touch and feel of the buttons and knobs of the real aircraft, members learn on the ground in a low stress environment the complicated G1000 avionics.

In late 2015 now Major Dusard and Maj Ruben Kafenbaum developed what we call CAPLink. Utilizing the internet and off the shelf technology, the team designed a low-cost Voice-Over IP system that enables CAP repeaters to be accessed by PC computers and cell phones. The Arizona system is deployed to every repeater we have in the state, with other units deployed to participating Wings. CAPLink is the forerunner and model for the National Headquarters new communications system called Ready-Op.

In 2018, Major Dusard began a project to build from scratch an Emergency Locator beacon receiver simulator. In CAP aircraft, aircrews use a system called a Becker to locate emergency beacons. The goal of the project was to develop a low-cost desktop simulator for aircrews to practice ELT search missions. That project is nearing completion. This is an outstanding example of developing technologies to better train aircrews, while reducing costs.

And last, but certainly not least, the team has modified another off-the-shelf system to track all Arizona Wing aircraft. It is available 24/7 for training or missions and can be accessed by cell phone or computer. The system integrates over-the-counter SPOT, ADS B and other GPS data with software developed by Major Paul Combellick for near real time monitoring of CAP aircraft and ground teams.

Our citizen volunteers — 62,600 members strong across America, 1,270 members in 26 units here in Arizona — respond to disasters; help teachers and students with aerospace-related STEM resources; and provide youth with the opportunity to develop strong ethical character self-confidence and leadership skills and that will allow them to excel as adults in their chosen professions.

Civil Air Patrol is now 78 years young. Three years ago, I began my remarks talking about our rich heritage – the 75<sup>th</sup> anniversary of the Civil Air Patrol. The last two years we continued to celebrate that heritage as we honored the 75<sup>th</sup> anniversary of our cadet program, and in 2018 the 70<sup>th</sup> anniversary of Civil Air Patrol as the official auxiliary of the U.S. Air Force. We have gained much visibility over the years, and it is my hope that we will continue to promote our cause. We have a rich legacy. Let's ensure our future by continuing to promote our value to America and to our state.

We are exceedingly fortunate to continue to receive funds from the Arizona Legislature. While this funding is not guaranteed, we will continue to utilize these funds to improve our ability to meet the needs of our state and nation.

We are moving forward, rebuilding our wing infrastructure. We also have built upon our Cadet activities; improved an already active Aerospace Education program; and expanded our Emergency Services training. You are seeing some of this focus in the success stories I mentioned earlier. And we will continue to grow as members of Total Force.

Finally, I want to remind you that your Wing staff works for you. But this is not a one-way street. We are always seeking new people who want to participate in wing leadership. We also want your input. While decisions may not always go your way, we will work together to improve an already outstanding Arizona Wing.

We have much to be proud of in our past, and much to look forward to in our future.

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# SUMMARY NARRATIVE OF MAJOR ACTIVITIES

## Chapter I OPERATIONS

### Search and Rescue

AZWG continued readiness training for SAR/DR via monthly Air Force Assigned Missions (AFAMS). These missions involved not only the all-encompassing "monthly training mission," but also included AZ signature "Barrel Cactus" (BC) and "Operation Smoke Detector" (OSD). BC's mission is two-fold: provide operationally focused training on aerial imagery as well as providing relevant deliverables to Luke Range Management Office (RMO) and spotting persons in distress for follow-on humanitarian assistance from other agencies. OSD's twofold objective provides cross-country navigation training for aircrews and serves as an extra set of eyes for wildland fire detection. BC and OSD were scheduled to coincide with needs of Luke RMO and the US Forest Service during high-risk times of persons in distress and peak fire season respectively. AZWG received taskings from Air Force Rescue Coordination Center (AFRCC) for real-world missing person searches throughout 2018. These taskings involved both air search as well as ground team. AZWG also received traditional ELT finding and silencing missions from AFRCC.

AZWG assets were tasked by AFRCC subsequent to requests by Lake Havasu City Police Department and Mohave County Sheriff Office. During precautionary search and rescue operations conducted along the Colorado River during peak recreational weekends of Memorial Day and Labor Day. Operations included aerial reconnaissance searching for boaters in distress, as well as the deployment of AZWG's K9 teams on Sheriff patrol boats.

### Disaster Relief

Disaster relief training efforts are included in AZWG's SAR training program.

### Homeland security

AZWG aircrews supported Western Air Defense Sector (WADS) efforts during its Felix keynote exercises. This support was in the form of flying as a "target of interest" for interceptor aircraft. AZWG aircrews provided significant contributions toward Southwest Region's Falcon Virgo exercise. Falcon Virgo participation entailed providing aircraft and aircrews that deployed to El Paso to serve as "targets of interest" for US Army Air Defense artillery training. This training dovetails with defense of national security interests surrounding the Nation's Capital.

### Counterdrug

AZWG continued to maintain a robust counterdrug (CD) operational tempo. AZWG/DOC continued to nurture rapport with Joint Task Force - North (JTF-N) personnel. This relationship has served to make AZWG a choice asset among the JTF-N community. This relationship has also evolved to AZWG serving in a Research and Development role in techniques/tactics/procedures involving EO/IR equipment specially installed in C-182T aircraft (AKA "Hawkeye").

## **Chapter II AEROSPACE EDUCATION**

Over the course of the past year the Arizona Wing has continued to meet its required AE Mission both Internal and External.

Internal activities included supporting Encampment by presenting both AE Lessons as well as an Afternoon Cadet Rocket Launch session for all cadets attending Encampment. The AE team led AZ Wings participation in Luke Days 2018 by being an integral part of STEAM City. The AE Team was part of the overall Luke Days Planning Team from August 2017 when the concept of STEAM City was first proposed. Participation in past years was limited to a single 20 x 20 booth that highlighted historic artifacts. This year's participation integrated 2 CAP Aircrafts, SAR, an AFA area highlighting CyberPatriot, an interactive Art Area thru a partnership with Packages from Home, and over 22 interact STEM Activity Tables. All activities designed and prepared by the Wing AE Team. All squadrons were invited to man the table and facilitate the activities. All this occurred under three Aircraft shade structures comprised of an area of 100 x 300 Feet. Capt. Rossetti used his relationships with local school districts to secure the needed tables and CSO's to help in the Display tables. Luke AFB noted that STEAM City was a great success and a first in the nation.

External Activities included reaching out to the public thru our participation in Luke Days, Buckeye Air Fair, an aggressive AEM recruitment drive, and supporting local community activities. The AE Team designed and facilitated a Team Building Activity for a well-respected Leadership Program located in the Phoenix Metropolitan area. The AE Team was instrumental in securing a large MST Grant for local school District by becoming a supporting member of the Grant Writing Team. The AE Team was active in numerous Community Activities that include a Rocket Build/Launch at local libraries, presenting AE topics at the AZ SciTech Conference (attended by over 450 Educators and CSO's), helped in the planning of Luke Days STEAM City Planning, and presenting at Luke AFB Community Partnership Meeting. The AE team is also active in the Curriculum development meetings for a new High School who has partnered with Luke AFB and will be offering a Leadership Academy that will include a CAP Cadet Squadron.

## **Chapter III CADET PROGRAMS**

The year 2018 was a very busy and productive year for AZ Wing Cadet Programs. Some of the highlights of the year were a KC-135 familiarization flight. This was conducted on 18 Jan and was provided by the AZ Air National Guard based at Sky Harbor, Phoenix, AZ.

The wing held four Training Leaders of Cadets courses during the year. Two of those were basic courses and two were intermediate.

AZ Wing held its Cadet Encampment 20-27 Jun at Ft Huachuca in Sierra Vista, AZ. During the encampment, the cadets utilized many of the US Army's training areas and were challenged by the confidence/obstacle course, leadership reaction course, rappel tower, land navigation course and the rifle range. We had ninety cadets graduate from encampment this year.

Seven of our cadets were recognized at the state capital and awarded commendations by Governor Doug Ducey. These cadets were recognized for their hard work and dedication and for achieving the Mitchell Award.

## CyberPatriot Competition

AZ Wing units participated in CyberPatriot Competition in 2018. CyberPatriot Competition begins in November of one year and finishes in the next year. Therefore, fiscal year 2018 encompassed the end of CyberPatriot X and the beginning of CyberPatriot XI.

There are three **Tiers** to competition: Platinum (highest, approximately the top 30% of teams nationwide); Gold (middle, approximately the next 40% of teams); and, Silver (lowest, approximately the last 30% of teams.)

There are three entrant **Divisions**: Open: consisting of high school teams and “other”; All Service: consisting of CAP units and JrROTC units (all branches); and, Middle School: consisting of 6<sup>th</sup>, 7<sup>th</sup>, and 8<sup>th</sup> grade students.

**Rounds** consist of #1, #2, State, Semi-Final, and National, held approximately a month apart from each other, over a set weekend, for maximum six hour only each, beginning in November. Only the Platinum Tier teams can move on to the National Round (if successful at the Semi-Final Round, they win a trip to Maryland for the National competition in March.)

Round #1 and #2 scores are added together to place the teams in their Tier (Platinum, Gold, or Silver). All teams participate in the State Round. The top two teams in each state in their Division and their Tier move on to the Semi-Final Round.

CyberPatriot X: Rounds 1 and 2 were held in November and December 2017. The State round was 19-21 Jan 18 and Semi-Final round, 9-11 Feb 18. Three AZ teams participated in the Platinum Tier and two AZ teams participated in the Gold Tier. The Platinum teams place 4<sup>th</sup> (Neotoma), 6<sup>th</sup>, and 7<sup>th</sup> in the State and, as such, did not continue onto the Semi-Final Round. One AZ Gold team (Yuma) placed third in the State and did not advanced to the Semi-Final round.

CyberPatriot XI: Rounds 1 and 2 were held in 2018: Round 1 was 2-4 Nov 18 and Round 2 was 7-9 Dec 18; These rounds determined the Tier each team was place into. Of the 32 teams in the All Service Division for Arizona, two CAP teams placed in the Platinum Tier: Deer Valley Composite Sq. 302 (Deer Valley) and Willie Composite Sq. (Chandler). Two CAP teams placed in the Gold Tier: Neotoma Composite Sq. (Tucson) and the 388<sup>th</sup> Composite Sq. (Glendale).

Deer Valley Composite Sq.302: Platinum Tier, 2<sup>nd</sup> place in AZ in All Service Division: advanced to the Semi-Final Round/competition. Willie Composite Sq: Platinum Tier, 3<sup>rd</sup> place in AZ in All Service Division did not advance to the Semi-Final Round/competition.

Neotoma Composite Sq.: Gold Tier, 2<sup>nd</sup> place in AZ in All Service Division: advanced to the Semi-Final Round/competition.

At the Semi-Final Round, held the weekend of 11-13 Jan 2019, there were no AZ Platinum Tier awardees. However, in the Gold Tier, Neotoma took 1<sup>st</sup> place in the All Service Division for CAP and attained the highest scores in the entire Nation in the All Service/Gold Tier.



Astronaut Mike Malone at Arizona Wing Encampment



MajGen Smith flying Orientation flights at Ba He Ketchum Code Talker Sqn.



Pearl Harbor Ceremony at State Capital

## APPENDIX I: Chapters I-III - Data and Statistics

### OPERATIONS (DO)

Director of Operations	Attila Szokol	LtCol
Operations Administrator	Carla Day	Maj
Director of Emergency Services (ES)	Brian Ready	Col
Director of ES (Assistant) Air	Eugene Caisse	LtCol
Director of ES (Assistant) IC	Michael Combellick	Maj
Director of ES (Assistant) Ground	Dallas Lane	Maj
Counterdrug Officer	Jeffrey Eden	Maj
Standardization/Evaluation Officer (S/E)	Richard Shortridge	LtCol
Cadet Orientation Flight Administrator	Chris Shehi	Capt

### COMPLETED STAFF ACTIONS CY JANUARY 2018 – DECEMBER 2018

#### OPERATIONS

2018 proved to be another exciting year in Arizona Wing Operations. The primary goal of Operations continues to be maintaining the readiness and ability to execute operations for our customers, be they US Air Force, US Army, US Marine Corps, Customs and Border Protection, Federal Emergency Management Administration ... the list goes on.

#### *Cellphone Forensics*

CAP's Cellphone Forensics team was borne from an idea of Maj Justin Ogden. The original team was founded by Arizona Wing members Maj Ogden, Col Brian Ready and Maj Jerad Hoff. In 2018, Maj John Schofield, Lt Col Vic LaSala, Capt Gordon Helm and Capt Margot Myers joined the team, which was tasked by AFRCC with 364 missions in 2018. This team that rarely sleeps has been credited with 208 "FINDs" and 156 "SAVES."

#### *Search and Rescue Missions with "FINDs"*

Arizona Wing received taskings from Air Force Rescue Coordination Center (AFRCC) 13 times throughout 2018. The following ELT and SAR/Missing Person missions were tasked, resulting in FINDs as determined by AFRCC:

18-M-0048 27-28 JAN (ELT)

2d Lt Bradley Cole

2d Lt Margaret Johnson

18-M-0074 9-10 FEB (ELT)

Lt Col Kurt Pricer

Capt Russ Miller

Maj Mark Allen

Capt Daryl Hudnall

Lt Col Jim Oliver

Maj Wally Prokopow

Capt Klara Olcott

1<sup>st</sup> Lt John Moore

Cadet Carter Schmitt

18-M-0083	12-13 FEB (ELT)	Capt Russ Miller Maj Chris Dusard Maj Dallas Lane	1 <sup>st</sup> Lt John Moore Capt Klara Olcott Maj Wally Prokopow
18-M-0110	22-23 FEB (ELT)	Lt Col Ken Mann Lt Chris Miconi Capt Klara Olcott	1 <sup>st</sup> Lt John Moore Maj Wally Prokopow
18-M-0115	24 FEB (ELT)	Lt Col Rob Pinckard Maj Wally Prokopow	Capt Klara Olcott
18-M-0213	6 APR (ELT)	Lt Col Ken Mann Maj Roger Yaeger 2d Lt Harold Kunnen Maj Dallas Lane	1 <sup>st</sup> Lt John Moore Capt Klara Olcott Maj Wally Prokopow
18-M-0261A	29 APR (Missing Person)	Capt Russ Miller (WMIRS categorized as "FIND" – missing person found by Coconino County Sheriff Office)	Maj Chris Dusard
18-M-0400	17-18 JUN (ELT)	Maj Bob Enoch Maj Roger Yaeger Capt Jim Space 2d Lt Brad Curcio Maj Dallas Lane Cadet Jacob Kottraba	2d Lt Lawrence Kottraba 1 <sup>st</sup> Lt John Moore Capt Daryl Hudnall 2d Lt Jamie Pepper SM George Tau
18-M-0509	22-23 JUL (ELT)	Maj Mark Schadt Maj Ruben Kafenbaum 1 <sup>st</sup> Lt Don Fry Maj Tom Richtmyer Lt Col David Alegre	Capt Keith Knotek Lt Col Jim Oliver 1 <sup>st</sup> Lt John Moore Maj Dallas Lane
18-M-0655A	1-3 SEP (Missing Person)	2d Lt Lawrence Kottraba 1 <sup>st</sup> Lt John Moore Cadet Jacob Kottraba Lt Col Gary Williams Maj Dallas Lane Capt Daryl Hudnall (WMIRS categorized as "FIND" – missing person found by Maricopa County Sheriff Office)	2d Lt Deborah Henschen SM Diane Christian SM Mendy Miller 2d Lt Charles Barnes 2d Lt Michele Warbuton
18-M-0693	15 SEP (ELT)	Lt Col Rob Pinckard	



18-M-0808 23 OCT (ELT)

Capt Jim Space  
Maj Keith Hakeman  
Lt Col Vic La Sala  
Lt Col Denny Granquist

Maj Mark Allen  
Lt Col Jim Oliver  
1<sup>st</sup> Lt John Moore  
Capt Klara Olcott

18-M-0870A 19-21 NOV (Missing Person)

Capt Russ Miller  
Maj Chris Dusard  
2d Lt William Cleveland  
Capt Gordon Helm  
1<sup>st</sup> Lt Don Fry  
Maj Tom Richtmyer \*  
Lt Col Charles Bretana \*

Lt Col David Alegre \*  
Lt Col Bill Hillman  
Capt Michael White  
1<sup>st</sup> Lt William Carr  
Lt Col Rob Pinckard  
Maj Wally Prokopow

\* Crew of CAP265 found vehicle wreckage containing subject of missing person search.

### *Falcon Virgo*

Arizona Wing provided support to the US Army during the twice-annual Falcon Virgo mission. The Falcon Virgo concept involves the use of CAP aircraft as “targets of interest” in the training of US Army Air Defense Artillery soldiers, whose ultimate duty is to defend National Security airspace against unauthorized aircraft. This Southwest Region mission, which involves a two-week deployment, is continually supported by Arizona Wing in the form of both aircraft and personnel. In 2018, Falcon Virgo ran during the periods of 4-15 JAN and 4-15 OCT, under mission numbers 18-1-3936 and 19-1-3098 respectively. During the January iteration, the following mission pilots flew 31 sorties for 79 hours in the listed Arizona Wing aircraft:

Lt Col Chris Erdos  
Lt Col Vic La Sala  
Lt Col Kurt Pricer  
Lt Col Richard Shortridge

N216CP (C-T206H)  
N9890E (C-182R)

Maj Ed Garcia  
Capt Russ Miller  
Capt Kerry MacPherson

N879CP (C-182T)  
N930CP (C-182T)

During the October iteration, the following mission pilots flew 25 sorties for 68 hours in the listed Arizona Wing aircraft:

LtCol Jack Dempsey  
LtCol Vic LaSala  
LtCol Kurt Pricer  
N216CP (C-T206H)  
N298CP (C-182T)

LtCol Richard Shortridge  
Maj Tom Richtmyer  
Capt Kerry MacPherson  
N542CP (C-T182T)

### *Felix Keynote*

Arizona Wing's additional participation in the homeland security mission set is the Felix Keynote mission. Felix Keynote provides CAP aircraft as "targets of interest" for air intercept exercises executed by Continental US NORAD, Western Air Defense Sector. Arizona Wing's participation in Felix Keynote for 2018 occurred on 4 MAY under mission number 18-1-4799. The plan involved the use of N365CA (C-182T), crewed by members of Tucson Sq 104. N882CP (C-182T), crewed by members of Sierra Vista Sq 107 was on hot reserve. During taxi-out, primary aircraft 365 had to ground abort due to electrical problems. The Sierra Vista crew was in position to immediately swap in to fulfill CAP's responsibility for the exercise. 3 sorties were operated, flying 4 hours, including the ground abort.

N365CA crew: Lt Col Bill Stickel, MP  
Lt Col Tony McFarland, MO  
Capt Ardis Wait, MS

N882CP crew: Maj Wayne Hughes, MP  
Lt Col Jack Dempsey, MO  
SM Fred Mansmith, MS

### *SAR/DR/HLS, Operation Smoke Detector, Barrel Cactus*

Arizona Wing provided its members with a myriad of training missions throughout 2018. There was one wing-level operational exercise (OPEX) each month, with the "maximum effort" focus date on the third Saturday of each month. Members were also encouraged to accomplish emergency services qualification training throughout the month, not only on the maximum effort date.

For several years, funded training opportunities in addition to the "monthly training mission" presented themselves in the form of Operation Smoke Detector and Barrel Cactus, managed by Maj Carla Day. Operation Smoke Detector is an additional opportunity for aircrews to maintain proficiency in cross-country navigation skills while also scanning for Arizona wildland fires. Operation Smoke Detector ran during the prime wildland fire risk months of May through October. Arizona Wing aircrews flew 37 sorties and 77 hours.

Barrel Cactus was originally conceived as a means to provide assistance to Luke AFB Range Management Office with reconnaissance of the Barry M Goldwater Gunnery Range and provide Arizona Wing aircrews an opportunity to develop aerial imagery skills. Barrel Cactus ran from January through September. During this time, Arizona Wing crews conducted 49 sorties for Barrel Cactus, flying 112 hours.

### *Quad State Mission*

On 5 MAY 18, Arizona Wing hosted a quad-state training mission, with an Incident Command Post (ICP) established at Lake Havasu City Municipal Airport (AZ). In addition to Arizona, states participating in this multi-wing/multi-region training were California, Nevada and Utah. Conceived by respective Wing commanders during the 2018 "CAP on the Hill" meetings, this mission provided the opportunity for incident command personnel to practice working with members from other wings and share best practices across traditional organizational lines – four Wings from three different Regions coming together to prosecute SAR/DR training objectives. At the ICP, Incident Commander duties were performed by AZ; Planning Section Chief duties by NV; Operation Section Chief duties by CA. Arizona Wing aircrews conducted 15 sorties, flying 28 hours.

### ***Precautionary Search and Rescue***

In 2018, Arizona was again requested by Lake Havasu City Police Department and Mohave County Sheriff Office to assist in aerial reconnaissance along the Colorado River during the peak tourist boating weekends of Memorial Day and Labor Day. Requested through and tasked by AFRCC, Arizona Wing worked missions 18-M-0322 and 18-M-0644A. While Arizona Wing aircrews patrolled the river from Parker Dam to the I-40 bridge, Arizona Wing K9 teams were deployed onboard Sheriff Office watercraft.

Arizona Wing Incident Command “FAST” teams were forward-deployed to the Incident Command Post established at Lake Havasu City Municipal Airport, again demonstrating agile incident management response.

Combined mission activity for the two weekends includes 95 air sorties (44 over Memorial Day weekend, 51 over Labor Day weekend), flying a total of 152 hours. 13 ground sorties transported K9 teams to/from staging.

### ***Operation Scorpion***

Maj Jeff Eden, Arizona Wing Counterdrug Officer, continued exemplary management of the wing’s counterdrug efforts throughout 2018. His actions solidify the positive relationship Arizona Wing enjoys with Joint Task Force – North (JTF-N). Operation Scorpion is Arizona Wing’s A3 counterdrug mission, which beyond JTF-N reconnaissance taskings, includes development and refinement of Hawkeye EO/IR project.

Arizona Wing aircrews flew 204 sorties in 2018, amassing 636 flight hours.

### ***EO/IR Ball***

In 2016, Arizona Wing took delivery of aircraft N930CP, a Cessna 182T specially modified with an enhanced optics/infra-red sensor mounted on the aircraft. Dubbed “Hawkeye,” aircraft 930’s primary purpose has been for use in the Counterdrug mission set. While the majority of training has been either “OJT” during A3 mission sorties or other “monthly training missions”, a specific dedicated training mission was authorized in 2018 with the goal of increasing the number of pilots and sensor operators specifically trained for EO/IR operations.

Throughout 2018, Hawkeye flew 147 sorties and 463 hours during actual CD missions and aircrew proficiency/training/evaluation flying. To date, 15 Arizona Wing pilots have received specific training on this equipment and its use. Hawkeye Project Officers are Capt Russ Miller, Maj Roger Yaeger and Maj Chris Dusard.

### ***Biennial Guided Training Exercise***

The biennial guided training exercise is designed as a between-evaluation barometer of the Wing’s effectiveness in accomplishing Air Force taskings. With the evaluation cycle for Arizona Wing set during “odd years” (e.g. 2015, 2017, 2019...), the Guided Training Exercise (GTE) was accomplished 17 NOV of 2018. While this exercise is similar in complexity to Arizona’s quarterly wing-wide training exercises (utilizing multiple ICPs managed via area command concepts), GTE execution emulates that of an evaluated exercise vis-à-vis scenario development and injects.

During the 2018 GTE, 11 air sorties were flown (22 flight hours) and 8 ground sorties accomplished. Lessons learned will be applied during preparation for the 2019 Air Force-evaluated exercise.

## ***G/ATOR***

Yuma Squadron Commander Maj Stu Smith was approached by Marine Corps Systems Command at Yuma Proving Ground to assist in their research and development of a ground/air tracking radar system. CAP aircraft would serve as a “target of interest” for the Marines’ experimental system.

Maj Smith, Capt Scotty Haskell and SM Steve Rivers flew 6 sorties for 22 flight hours during these support missions in March and October.

### ***Low-Level Route Surveys***

Calendar year 2018 saw Arizona Wing supporting Air Force through low-level route surveys. In addition to the “typical” surveys conducted for the Luke AFB Range Management Office, Air National Guard 162 Fighter Wing requested extensive low-level route surveys throughout their entire training route structure. In total, Arizona Wing crews flew 13 low-level route surveys for 48 flight hours.

### ***CAP Cadet Orientation Flights***

Maximizing the A15 “bang for the buck,” Capt Chris Shehi continued yeoman’s work as Arizona Wing’s Cadet Orientation Flight Administrator. He was able to provide the guidance to CAP cadet orientation operations throughout the year. During 2018, Arizona Wing “O-pilots” flew 508 sorties, amassing 478 flight hours.

### ***AFJROTC/AFROTC Flight Orientation Program***

Lt Col Ken McKinley, Tucson Sq 104, took the initiative to coordinate with AFJROTC and AFROTC units for this variant of cadet orientation flying. He reached out to match these units with CAP flying units and maintained awareness on mission date windows as well as funds availability.

AFROTC cadets from NAU, U of A, ASU and Embry-Riddle were flown by Flagstaff, Tucson, Chandler/Falcon and Prescott squadrons respectively. 39 sorties were flown for 36 flight hours.

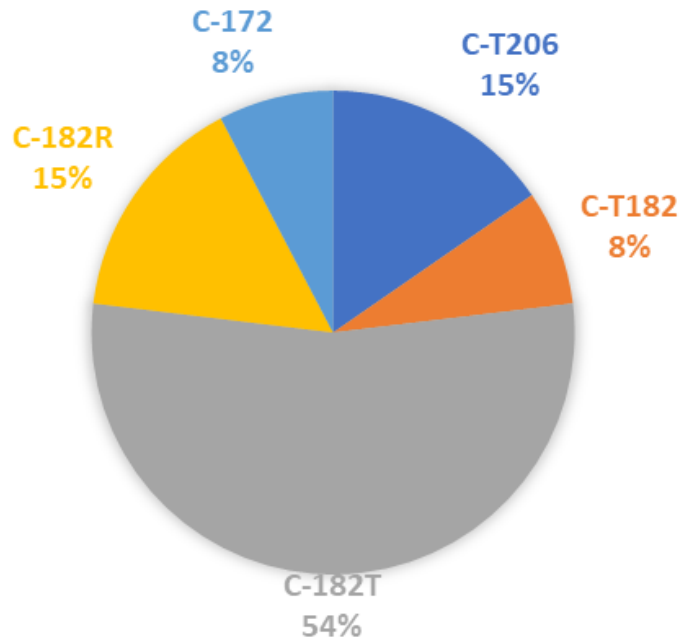
AFJROTC cadets from Higley, Maricopa, Basha, Cactus, Campo Verde, Westwood, Poston Butte, Dobson, Desert Ridge, Prescott and Peoria High Schools were flown by Chandler, Prescott, Tucson, Glendale and Falcon squadrons. 93 sorties were flown for 71 flight hours.

### ***Super TOP***

Capt Angelo Rosetti, AZWG Director of Aerospace Education, arranged to recruit over 100 members of Buckeye School District into CAP’s Aerospace Education Member program. Consequently, the school district hosted an in-service at Glendale Municipal Airport on 14 APR. Coincident with the in-service, a “Super TOP Day” (Teacher Orientation Program) was conducted. 29 sorties were flown in 5 aircraft, totaling 17 hours, providing 41 excited AEMs their orientation flights.

Incident Commanders: Maj Carla Day, Lt Col Paul Rehman; Air Operations: Maj Bob Enoch; Orientation Pilots: Lt Col Denny Granquist, Capt Frants Madsen, Maj Mark Schadt, Lt Col Richard Shortridge, Capt Brian Schultz.

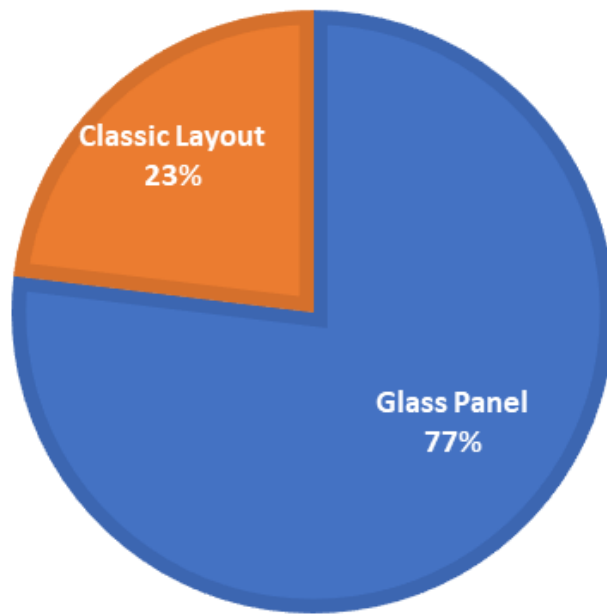
## ARIZONA WING FLEET COMPOSITION



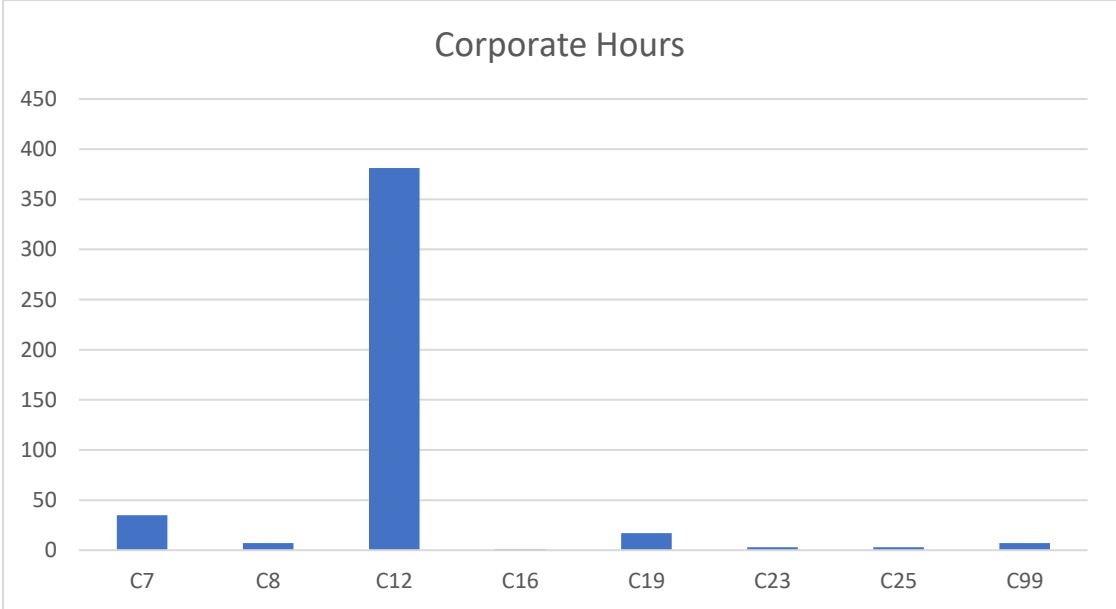
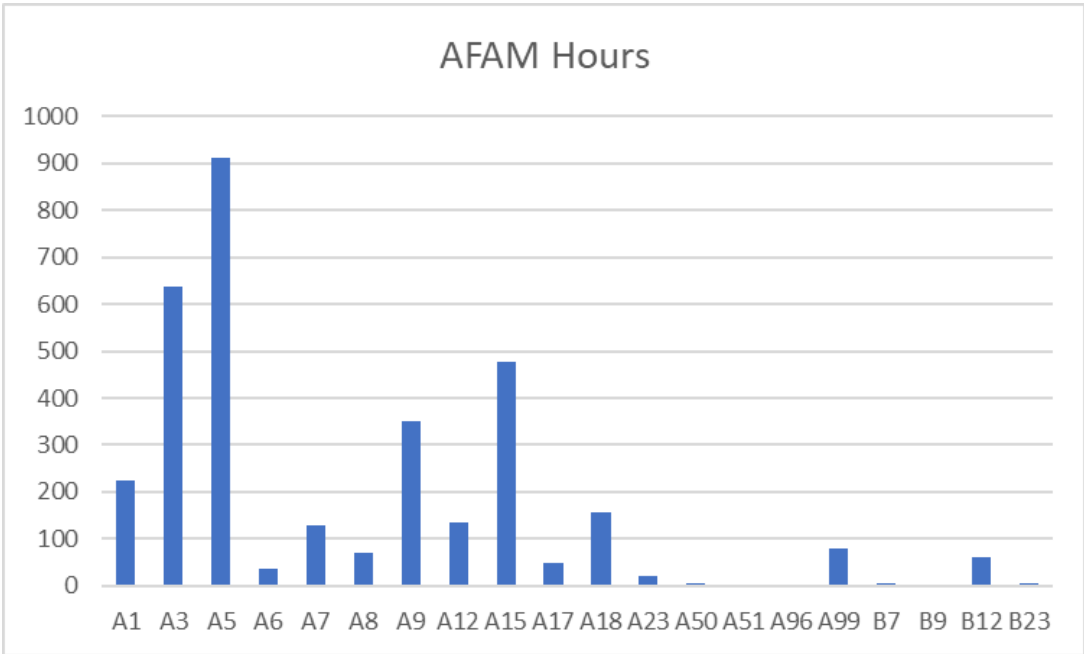
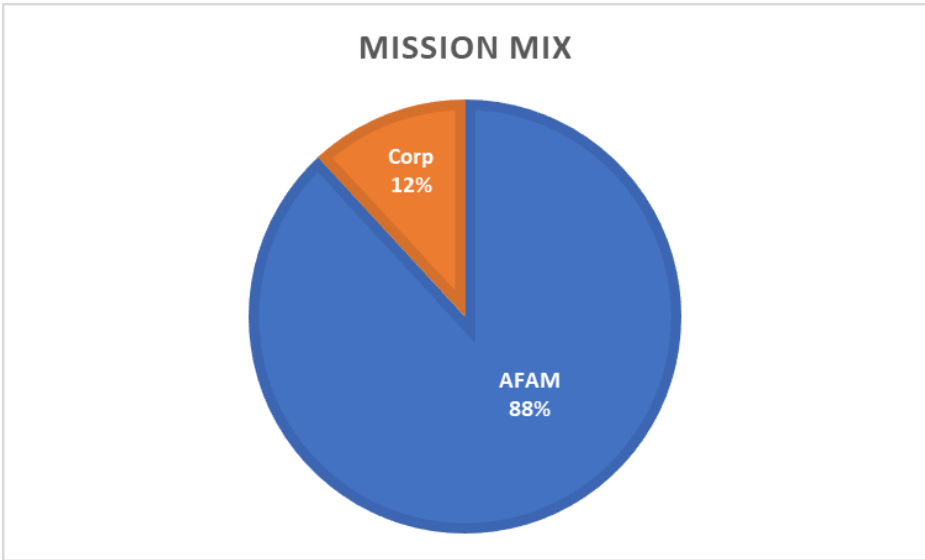
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N447CP, C-182T  
N542CP, C-T182T  
N655CP, C-182T  
N879CP, C-182T  
N882CP, C-182T  
N930CP, C-182T  
N9456X, C-182R  
N9517H, C-182R \*  
N9677A, C-172  
N9890E, C-182R

\* Removed from AZWG 4 AUG; sold by NHQ

## FLEET AVIONICS MIX

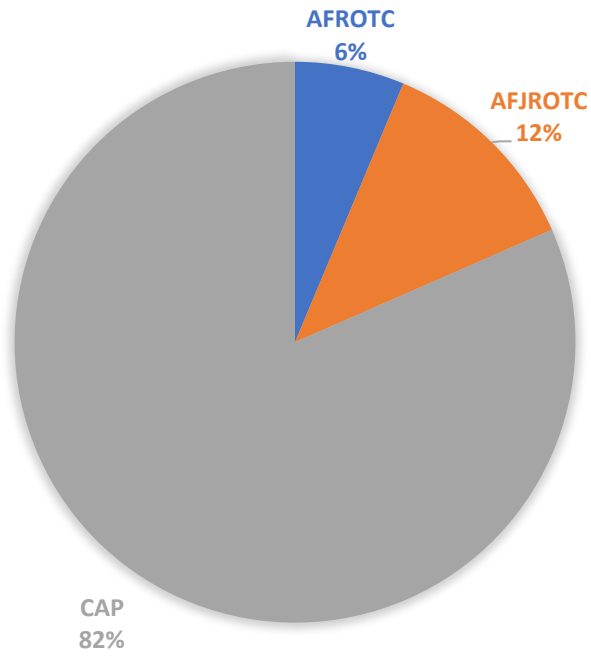


Mission Symbol	Flight Hours
A1	223
A3	636
A5	913
A6	37
A7	129
A8	71
A9	351
A12	136
A15	478
A17	49
A18	157
A23	21
A50	6
A51	3
A96	2
A99	80
Total Reimbursable AFAM	3292
B7	7
B9	1
B12	62
B23	5
Total Non-reimbursable AFAM	75
Total AFAM	3367
C7	35
C8	7
C12	381
C16	1
C19	17
C23	3
C25	3
C99	7
Total Corporate	454
Grand Total	3821

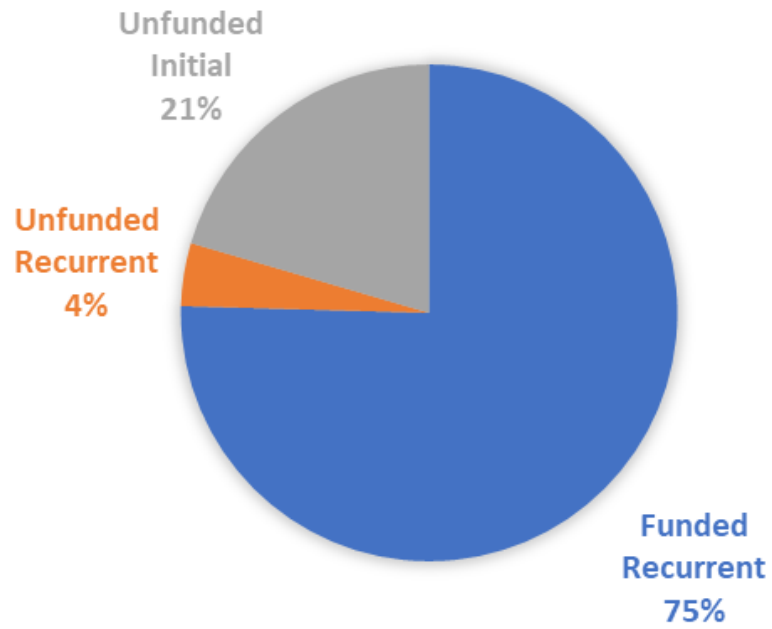




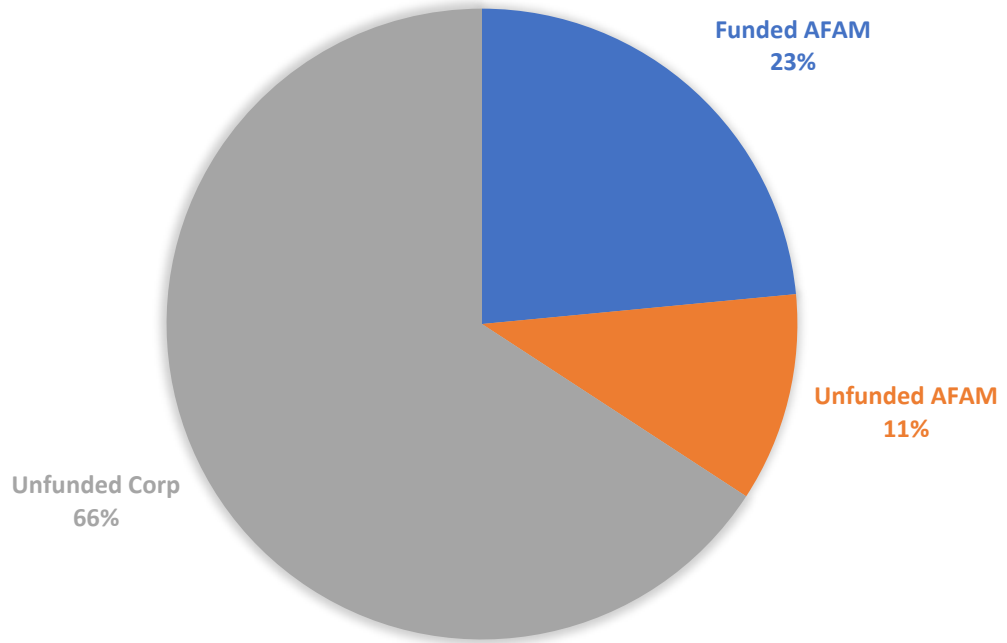
## CADET ORIENTATION FLIGHTS



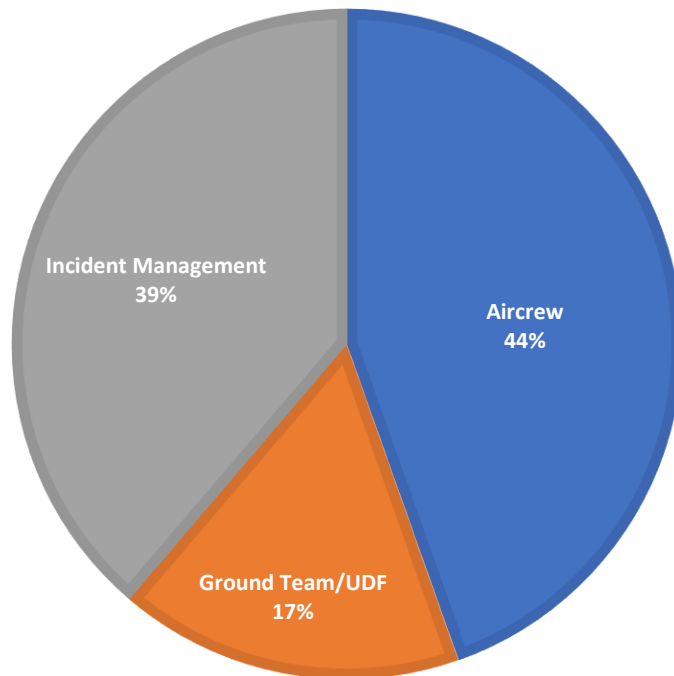
## FLIGHT EVALUATIONS



## PROFICIENCY FLYING



## ES SPECIALTY QUALS ISSUED 2018



## **AEROSPACE EDUCATION (AE)**

Director of AE	Angelo Rossetti	Capt
Director of AE (Assistant)	A.Peter Feltz	LtCol
External AE Officer	Raymond Johnson	LtCol
Internal AE Officer	Fred Seifritz	LtCol

### **COMPLETED STAFF ACTIONS CY JAN 2018 – DEC 2018**

#### **Director of Aerospace Education**

1. Capt Angelo Rossetti

#### **Internal Aerospace Education**

1. Capt Rossetti presented Aerospace Modules at the 2018 AZ Wing Encampment
2. Rocket Launch activity at 2018 AZ Wing Encampment
3. Capt Rossetti participated in the Luke Chapter of the Air Force Association, Jan - Dec 2018

#### **External Aerospace Education**

1. Sept 2017 - March 2018 Capt Rossetti participated on the Buckeye Air Fair Planning Committee.
2. 3 Feb 2018 - Buckeye Air Fair, Capt. Angelo Rossetti, Project Officer. Held at Buckeye Airport. 17 March 2018
3. AZ Wing AE Team and 388th Squadron work with BSA presenting the Aviation MB at the Buckeye Air Fair
4. 2018 Luke Days (Luke AFB) Steam City Planning Committee participation July 2017 - March 2018 Capt. Angelo Rossetti
5. Luke Days @ LAFB March 16,17,18,19 Steam City Interactive AE Display Capt Angelo Rossetti
6. PESD Super Top Flight Day April 14, 2018 Glendale Airport 30 Teachers Flown. 150 Staff, Administrators, Students, and Parents in attendance
7. AZ Wing AE Team participated in the Fall 2018 AZ Science Teachers Conference
8. AZ AE Wing Team displayed AE Program at the AZ Aviation Day at the State Capital 01/2018
9. Capt Rossetti participated as a member of the AZ Readon.Org Committee
10. AZ AE Team displayed AE Program at Davis–Monthan Air Force Base Air Show/Open House 03-12-18
11. AZ AE Team supported Sq 388 at the Glendale Airport Open House 11-2018
12. AE Team participated in the AOPA Fly-In at the Prescott Airport 09-18
13. AZ Wing AE Team supported Sq 388 at the Glendale Airport Open House 11-2018
14. Capt Rossetti participated in the completion of the PESD AZ Stem Grant
15. Capt Rossetti worked with Agua Fria HSD to secure funding for 100 AEM's
16. Capt Rossetti presented to the BESD Schools the AEM Program

## CADET PROGRAMS (CP)

Director of CP	Kenneth Smith	Maj
Cadet Activities Officer	Joanna Moseley	Capt
Cadet Activities Officer (Assistant)	James Seeds	Capt
Drug Demand Reduction Administrator	Steven Ramirez	2dLt

### COMPLETED STAFF ACTIONS CY JAN 2018 – DEC 2018

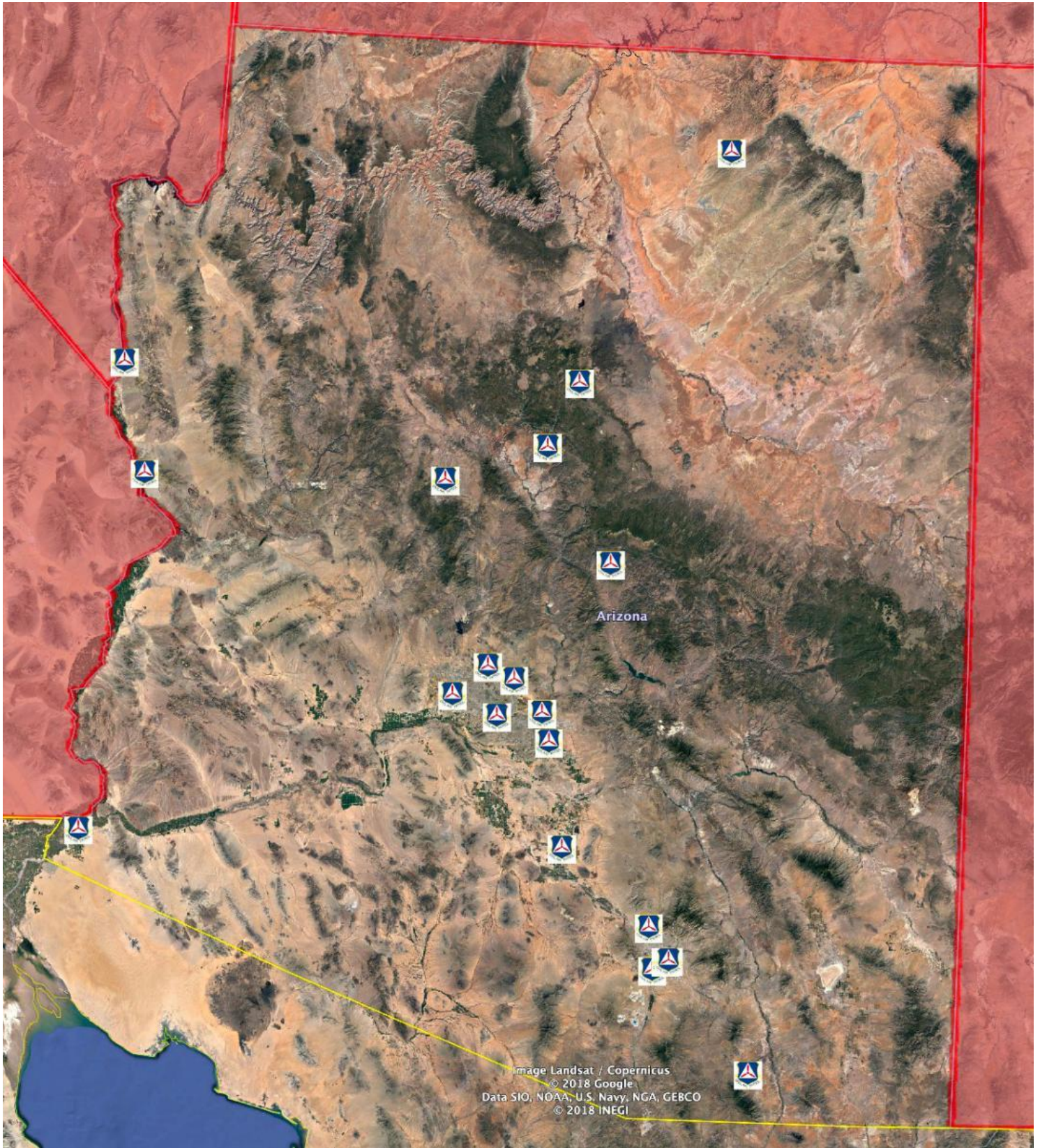
#### Director of Cadet Programs:

1. 18 Jan 2018 - KC-135 familiarization flight, Major Jerad Hoff, Project Officer, flew out of Sky Harbor Air National Guard Base.
2. 3 Feb 2018 - Buckeye Air Fair, Capt. Angelo Rossetti, Project Officer. Held at Buckeye Airport.
3. 3 Feb 2018 - Training Leaders of Cadets (TLC) Intermediate Course, Maj. Jerad Hoff, Project Officer. Held at Sq. 388 (Glendale)
4. 17 March 2018 - 2018 Luke Days, Major Kenn Mann, Project Officer, Luke AFB.
5. 21 Apr 2018 - Cadet Cadre Selection Exercise, Major Jerad Hoff, Project Officer. Held at Wing Headquarters.
6. 5 May 2018 - Training Leaders of Cadets (TLC) Basic Course, Maj Jerad Hoff, Project Officer. Held at Eloy Squadron Hq.
7. 20 June 2018 - 2018 AZ Wg Summer Encampment, Major Jerad Hoff as Encampment Commander, Major Ken Smith as Deputy Commander for Support and Training, Capt. Joanna Moseley as Commandant of Cadets, and Capt. Jim Seeds as Safety Officer. C/Lt Col Jacob Little as Cadet Commander, C/Maj Daniel Harmon as Cadet Deputy Commander for Support, and C/Maj Mackenzie Mollohan as Cadet Deputy Commander for Operations. Held at Ft. Huachuca.
8. 4 Nov 2018 - 943rd Rescue Squadron Internal Open House, Maj. David Girolami and LtCol Luis Camus as Project Officers. Held at Davis-Monthan AFB.
9. 8 Nov 2018 - 10th Annual Veterans Luncheon, Maj Ken Mann and Capt. Joanna Moseley as Project Officers. Held at Wigwam Resort. Attended by 10 Members.
10. 21 Nov 2018 - When USAF Honor Guard Members were unable to perform at a Memorial Day Service, C/CMSgt. Alana Petersen was asked last minute perform Taps at the Service. She performed with a Color Guard of Army JROTC Cadets who were also called in at the last Minute. Cadet Petersen is a member of East Tucson Cadet Squadron (229).
11. 26 Nov 2018 - NRA Rifle Qualification Course, Maj Ken Smith, Project Officer. Held at Pinal Air Park.
12. 27 Oct 2018 - Training Leaders of Cadets (TLC) Intermediate Course. Project Officer, Maj Ken Smith. Held in Tucson, AZ.

13. 7 Dec 2018 - Pearl Harbor Remembrance Ceremony, Capt. Joanna Moseley, Project Officer. Held at Wesley Bolin Plaza, Phoenix, AZ. Attended by approx. 5 members.
14. 8 Dec 2018 - TLC Basic Course, Maj Ken Smith and Capt. Joanna Moseley as Project Officers. Held At Sky Harbor Composite Squadron.
15. 12 Dec 2018 - The following Cadets received Commendations from the Governor's Office for achieving the Billy Mitchell Award:
  - C/1stLt Viet Zaengle (583640), Willie Composite Squadron 304
  - C/2dLt Kaleb Boehmer (567792), Falcon Composite Squadron 305
  - C/2dLt Austin Largo (546702), Deer Valley Composite Squadron 302
  - C/2dLt Carter Schmitt (574804), Deer Valley Composite Squadron 302
  - C/2dLt Nicole Babbitt (547254), Prescott Composite Squadron 206
  - C/2dLt Brandon Sarrasin (571665), Yuma Composite Squadron 508
  - C/2dLt Megan Brubaker (550521), London Bridge Composite Squadron 501

APPENDIX II: Unit Staff - Data and Statistics

Map of Unit Locations:



# ARIZONA WING ORGANIZATIONAL CHART

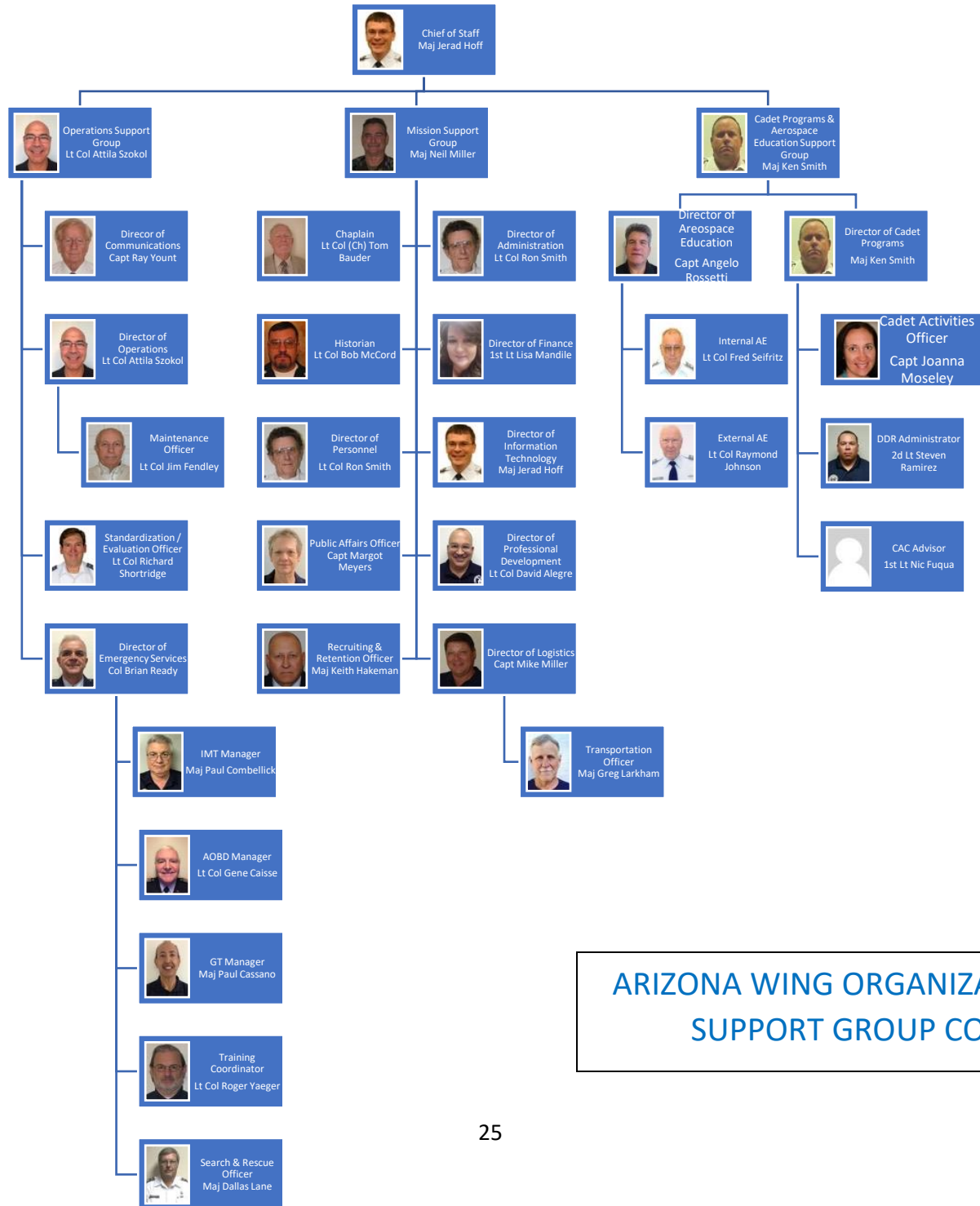
## ARIZONA WING HQ



# ARIZONA WING ORGANIZATIONAL CHART SECTOR COMMANDS







**ARIZONA WING ORGANIZATIONAL CHART  
SUPPORT GROUP COMMANDS**

Arizona Units Information:

<p><b>Southern Sector</b> Sector Commander <a href="#">Maj David Girolami</a></p>	
<p><b>Cochise Composite Squadron 107 (Charter# AZ-046)</b>  Thursdays – 6:30 pm</p>	<p>Sierra Vista Airport 1760 Airport Ave Sierra Vista, AZ 85635</p>
<p><b>East Tucson Cadet Squadron 229 (Charter# AZ-229)</b>  Mondays – 6:00 pm</p>	<p>Naval Reserve OPS Center 3655 S Wilmot Rd Tucson, AZ 85730</p>
<p><b>Neotoma Composite Squadron 109 (Charter# AZ-106)</b>  Sundays – 3:30 pm</p>	<p>Golder Ranch Fire Department 1175 W Magee Rd Tucson, AZ 85704</p>
<p><b>Tucson Composite Squadron 105 (Charter# AZ-085)</b>  Sundays – 2:00 pm</p>	<p>5385 East Madera, Bldg 4320 Davis-Monthan AFB Tucson, AZ 85707</p>
<p><b>William Rogers Memorial Senior Squadron 104 (Charter# AZ-048)</b>  2nd &amp; last Tuesdays – 7:00 pm</p>	<p>Tucson International Airport 7001 S Apron Drive Tucson, AZ</p>
<p><b>Northern Sector</b> Sector Commander <a href="#">Lt Col Victor LaSala</a></p>	
<p><b>Codetalker Bahe Ketchum Composite Squadron 211 (Charter# AZ-029)</b>  Cadets and Seniors – Fridays – 3:30-5:30 pm</p>	<p>Hwy 160 Rte 98 Shonto, AZ 86054</p>
<p><b>Dan Kenney Composite Squadron 201 (Charter# AZ-056)</b></p>	<p>Cadets – Northland Preparatory Academy,</p>

<p>Cadets – Wednesdays – 6:30 pm Seniors – 1st &amp; 3rd Wednesdays – 7:30 pm</p>	<p>Multipurpose Room, 3300 Sparrow Ave., Flagstaff, AZ 86004 Seniors – Same location as cadet meetings</p>
<p><b>Payson Composite Squadron 209 (Charter# AZ-102)</b>  Cadets – Thursdays – 5:30-7:30 pm Seniors – 1st Saturdays – 9:00 am</p>	<p>Cadets – Payson High School – Room A6  Seniors – Payson Airport – CAP Hangar (Mazatzal Casino Restaurant in colder months; holidays may vary.)</p>
<p><b>Prescott Composite Squadron 206 (Charter# AZ-083)</b>  Cadets – Thursdays – 6:00 pm Seniors – 1st &amp; 3rd Thursdays – 6:00 pm</p>	<p>CAP Building Prescott Municipal Airport Prescott, AZ</p>
<p><b>Verde Valley Composite Squadron 205 (Charter# AZ-107)</b>  Cadets – Tuesdays – 6:00 pm Seniors -1st &amp; 3rd Thursdays – 7:00 pm</p>	<p>Seniors – Sedona Airport Cadets – The Master’s Bible Church, 175 Kallof Pl., Sedona</p>
<p><b>East Phoenix Sector</b> Sector Commander <a href="#">Capt Jeffrey Landtiser</a></p>	
<p><b>Eloy Composite Squadron 131 (Charter# AZ-131)</b>  Fridays – 8 am</p>	<p>George Washington Carver School 304 W. Aldsford Rd. Eloy, AZ 85131</p>
<p><b>Falcon Composite Squadron 305 (Charter# AZ-064)</b></p>	<p>CAP Building Falcon Field Airport 4730 East Falcon Drive Mesa, AZ 85215</p>

Tuesdays – 7:00 pm	
<b>Paradise Valley Cadet Squadron 310 (Charter# AZ-113)</b>  Mondays – 6:30 pm	Scottsdale Airport 15000 N Airport Drive #103 Scottsdale, AZ
<b>Scottsdale Senior Squadron 314 (Charter# AZ-075)</b>  2nd & 4th Mondays – 7:00 pm	Scottsdale Airport 15000 N Airport Drive #103 Scottsdale, AZ
<b>Sky Harbor Composite Squadron 301 (Charter# AZ-022)</b>  Mondays – 6:30 pm	AZ Air National Guard Bldg 26 3200 East Old Tower Road Phoenix, AZ 85034
<b>Willie Composite Squadron 304 (Charter# AZ-036)</b>  Thursdays – 6:30 pm	Phoenix-Mesa Gateway Airport US Army 6253 Reserve Unit Mesa, AZ
<b>West Phoenix Sector</b> Sector Commander <a href="#">Lt Col Heather Muehleisen</a>	
<b>Deer Valley Composite Squadron 302 (Charter# AZ-013)</b>  Cadets – Mondays – 7:00 pm Seniors – 2nd & 4th Wednesdays – 7:00 pm	CAP Building Deer Valley Airport 932 W. Deer Valley Rd Phoenix, AZ 85027
<b>388th Composite Squadron (Charter# AZ-388)</b>  Cadets- Mondays – 6:00 pm Seniors – 2nd & 4th Tuesdays – 6:30 pm	Glendale Airport 6575 N Glen Harbor Blvd Hanger 14 Glendale, AZ

<p><b>London Bridge Composite Squadron 501 (Charter# AZ-112)</b></p> <p>Tuesdays – 6:30 pm</p>	<p>Lake Havasu City Airport Terminal Building Lake Havasu City, AZ</p>
<p><b>Mohave Valley Composite Squadron 231 (Charter# AZ-231)</b></p> <p>Cadets – Tuesdays – 6:00 pm Seniors – 1st &amp; 3rd Tuesdays – 6:00 pm</p>	<p>Laughlin/Bullhead Int'l Airport Fire Station 999 Airpark Dr Bullhead City, AZ 86429</p>
<p><b>Yuma Composite Squadron 508 (Charter# AZ-021)</b></p> <p>Cadets – Wednesdays – 6:30 pm Seniors – 2nd &amp; 4th Wednesdays – 6:30 pm</p>	<p>Martha Taylor Bldg., Hangar #1 Yuma Airport 3590 South Fortuna Avenue Yuma, AZ 85365</p>

APPENDIX III: Director of Logistics – Data and Statistics

**LOGISTICS (LG)**

Director of Logistics	Michael Miller	Maj
Director of Logistics (Assistant)	David Girolami	Maj
Director of Logistics (Assistant)	Ronald Smith	LtCol
Maintenance Officer	James Fendley	LtCol
Maintenance Officer (Assistant)	Ronald Smith	LtCol
Maintenance Officer (Assistant)	Corey Stohlquist	LtCol
Maintenance Officer (Assistant)	Eugene Caisse	LtCol
Maintenance Officer (Assistant)	Robert Erickson	LtCol
Maintenance Officer (Assistant)	Attila Szokol	LtCol
Transportation Officer	Gregory Larkham	Maj
Transportation Officer (Assistant)	Eileen Mueller	Maj

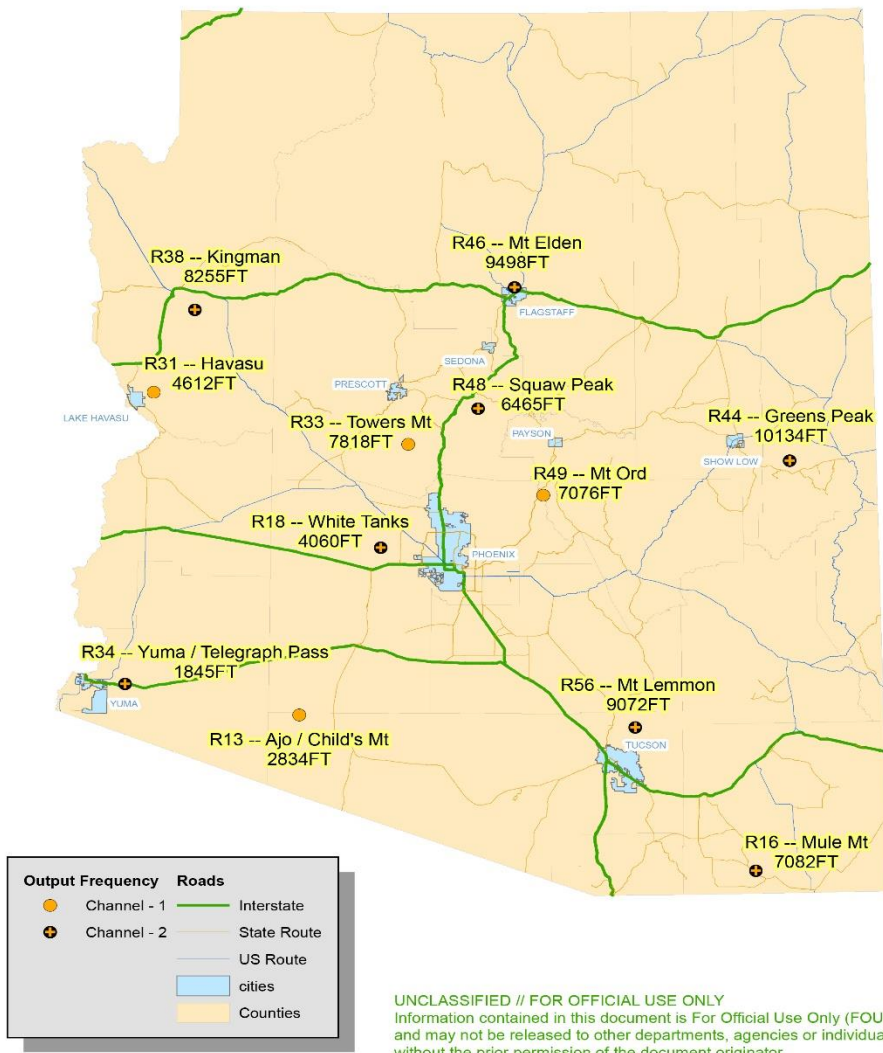
APPENDIX IV: Director of Communications – Data and Statistics

**Communications (DC)**

Director DC	Alvin Yount	Capt
Director DC (Assistant)	Christopher Salgot	2dLt
Director DC (Assistant)	Ruben Kafenbaum	Maj
Director DC (Assistant)	Barbara Mathews	LtCol
Director DC (Assistant)	Paul Rehman	LtCol
Director DC (Assistant)	William Haskell	Maj
Director DC (Assistant)	John Dempsey	LtCol
Director DC (Assistant)	Adam Mercier	LtCol
Communications Engineering Officer	John Moore	1stLt
Communications Licensing Officer	Daryl Duncan	Maj

**ARIZONA WING CAP Repeater Map**

January 22, 2011



APPENDIX V: Director of Professional Development - Data and Statistics

**PROFESSIONAL DEVELOPMENT (PD)**

Director of Professional Development	David Alegre	LtCol
Director of PD (Assistant)	Neil Miller	Maj
Director of PD (Assistant)	Seth Grenke	LtCol
Testing Officer	Norman Spector	LtCol

COMPLETED STAFF ACTIONS CY JAN 2018 – DEC 2018

In-residence Courses:

**SLS** 26 Jan. 2018, Yuma Airport. Course Director: Major Stu Smith. 11 graduates  
**CLC** 27 Jan. 2018, Yuma Airport. Course Director: Major Stu Smith. 9 graduates  
**SLS** 21 Sept. 2018, Glendale Airport. Course Director: Lt Col David Alegre. 12 graduates  
**CLC** 22 Sept. 2018, Glendale Airport. Course Director: Lt Col David Alegre. 11 graduates  
**UCC** 01-01 DEC 2018, Falcon Airport (Mesa, AZ). Course Director: Maj Neil Miller. 11 graduates

In 2018, AZ Wing had approximately the following numbers of PD Awards:

Level I: 87  
Level II: 15  
Level III / Grover Loening Award: 6  
Level IV / Paul E. Garber Award: 9  
Level V / Gill Robb Wilson Award: 2

The following specialty track ratings were earned:

Administration: 3 Senior, 1 Master  
Aerospace Education: 2 Technician, 1 Senior  
Cadet Programs: 6 Technician, 4 Senior, 1 Master  
Character Development: 1 Senior, 1 Master  
Command: 1 Senior, 1 Master  
Communications: 8 Technician, 2 Senior  
Emergency Services: 3 Technician, 1 Senior, 1 Master  
Finance: 3 Technician  
IT: 1 Technician, 1 Master  
IG: 1 Senior  
Logistics: 1 Technician, 1 Master  
Operations: 1 Technician, 2 Senior  
Personnel: 2 Senior  
Professional Development: 3 Technician, 1 Senior  
Recruiting and Retention: 2 Technician, 1 Master  
Safety: 2 Technician, 4 Senior  
Standardization/Evaluation: 1 Technician, 2 Senior



APPENDIX VI: Staff Officers - Data and Statistics

**PERSONNEL (DP)**

Director of Administration (Ad)	Ronald Smith	LtCol
Director of Ad (Assistant)	Paul Rehman	LtCol
Personnel Officer	Ronald Smith	LtCol

**PUBLIC AFFAIRS (PA)**

Public Affairs Officer	Margot Myers	Capt
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**INFORMATION TECHNOLOGY (IT)**

Director of IT	Jerad Hoff	Maj
Director of IT (Assistant)	Timothy Medeiros	LtCol
Web Security Administrator	Jerad Hoff	Maj
Web Security Admin. (Assistant)	Brian Ready	Col

**FINANCE (FM)**

Director of Finance	Lisa Mandile	1stLt
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**CHAPLAIN (HC)**

Chaplain	Thomas Bauder	LtCol
Character Development Instructor	Luis Camus	LtCol

**HEALTH SERVICES OFFICER**

Paul Rehman	LtCol
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**HISTORIAN**

Robert McCord	LtCol
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APPENDIX VII: Special Staff Officers – Data and Statistics

**INSPECTOR GENERAL (IG)**

Inspector General	Linda Yaeger	LtCol
Inspector General (Assistant)	Norman Spector	LtCol
Inspector General (Assistant)	Richard Shortridge	LtCol
Inspector General (Assistant)	Corey Stohlquist	LtCol

During 2018 the Wing Inspector General (IG) expanded our program educating Arizona Civil Air Patrol (CAP) squadron commanders about how to achieve a Zero Discrepancy Subordinate Unit Inspection (SUI). The AZWG IG team uses the results of SUIs to inform squadron commanders of best practices. Many squadrons have been willing to mentor other squadrons to improve their skills which moves them beyond minimum compliance requirements.

CAP is subject to regulatory standards born out of a need to protect assets. Many are provided by United States Air Force, as well as our most vital resource the volunteer member. The cost of squadron and wing non-compliance affects CAP’s national bottom line. We cannot afford the loss of people’s skills and efforts vital to meeting demands in all three mission areas.

Preparing for a SUI is often viewed as a labor-intensive activity that puts a strain on resources. Relying solely on biannual inspections can result in months of issues not identified and members discouraged by lack of progress on these issues. A structured program of AZWG IG staff conducting question and answer sessions, well in advance of SUI, encourages commanders to work on continuous compliance. The IG has recruited many of the wing inspection augmentees from current and former squadron commanders, most with zero discrepancies during their SUI. They understand how to meet inspection requirements and have credibility communicating with the squadron being inspected.

During 2018 we conducted prep visits usually five months prior to these SUIs.

DATE	LOCATION	CHARTER	COMMANDER	TEAM CHIEF
27-Jan-18	Neotoma	SWR-AZ106	Lt Col Robert McCord	Lt Col Norm Spector
24-Feb-18	Willie	SWR-AZ-036	Maj Keith Hakeman	Lt Col Linda Yaeger
28-Apr-18	Sky Harbor	SWR-AZ-022	Maj Jeremy Cochran	Lt Col Norm Spector
2-Jun-18	Scottsdale	SWR-AZ-075	1st Lt Aaron Feller	Lt Col Linda Yaeger
28-Jul-18	Glendale	SWR-AZ-388	Maj Ken Mann	Lt Col Norm Spector
18-Aug-18	Payson	SWR-AZ-102	Maj Paul Wescott	Lt Col Dave Alegre
13-Oct-18	East Tucson	SWR-AZ-229	1st Lt Wendy Iskiyan	Maj Mark Schadt
10-Nov-18	Falcon	SWR-AZ-064	Capt Kerry MacPherson	Lt Col Norm Spector
11-Dec-18	Mohave	SWR-AZ-231	Maj Andrew Hartsfield	Lt Col Dave Alegre

**SAFETY (SE)**

Director of Safety	Corey Stohlquist	LtCol
Director of Safety (Assistant)	David Mickle	LtCol
Director of Safety (Assistant)	Dolly Mickle	Capt
Director of Safety (Assistant)	Eugene Caisse	LtCol
Director of Safety (Assistant)	Aloysius Rebello	Capt
Director of Safety (Assistant)	Gregory Larkham	Maj
Director of Safety (Assistant)	John Kruger	LtCol

**GOVERNMENT RELATIONS ADVISOR**

Government Relations Advisor	James Nova	LtCol
Gov. Relations Advisor (Assistant)	John Eggan	Col

**LEGAL (GC)**

Legal Officer	Richard Shortridge	LtCol
Legal Officer (Assistant)	Steven Bonaguidi	Capt

THIS ANNUAL REPORT IS FAITHFULLY EXECUTED AND SUBMITTED BY THE BELOW SIGNED CIVIL AIR PATROL HISTORIAN REPRESENTING THE AFOREMENTIONED UNIT. ALL INFORMATION IS RECORDED AS SUBMITTED BY THE VARIOUS DEPARTMENTS AND ASSIGNED PERSONNEL "AS IS" AND REPRESENTS STATISTICAL DATA, FINANCIAL STATEMENTS, AND UNIT ACTIVITIES FOR THE SPECIFIED PERIOD OF ASSESSMENT AND RECORDING. THE UNIT HISTORIAN IS NOT RESPONSIBLE FOR THE VERACITY OR ACCURACY OF INFORMATION.

**Submitted by**

A handwritten signature in blue ink, appearing to read "R. McCord".

Robert McCord, Lt Col, CAP  
**Arizona Department of the Historian\_**