ARIZONA WING— CIVIL AIR PATROL

WINGTIPS

Editor, Lt. Col. Patricia Brower

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Commander's Corner
Col John Varljen

I would like to begin by thanking Lt. Col. Pat Brower for accepting the Wing PAO position and resurrecting the Wingtips newsletter. Communications between members of the Wing is critical to our success. The new Wingtips will help in this endeavor.

Arizona Wing is experiencing one of it's busiest years in history. We have already supported two major RedCaps and experienced the beginning of a major homeland security training effort. This is in addition to our busy SAREX training and support of CN and air defense training missions (WADS). I would like to thank all members of Arizona Wing for your support of these activities. We should be proud of the fact that we are now the 5th most flying wing in the nation. Our operations and training personnel have done an exceptional job. Our ground support personnel also played an important role. This is just the beginning. As the Air Force further defines our role in Homeland Security, we will be assigned new and exciting missions. I think Arizona will be prepared. Let's do it successfully. Let's do it safely.

John J. Varljen, Col., CAP
AZWGCC

Thank you Col. Varljen,, it is good to be back.

CONFERENCE 2003

Many thanks go to Group V for a well organized conference. It was obvious that there was much intricate planning and time spent to make everything so perfect. We had a delightful setting against the shimmering water of Lake Havasu, cool evenings and good food. What more could a person ask for!!!

The speaker, Barry Goldwater, Jr. spoke on how long our nation has been under attack by terrorist and how we go back to sleep after each attack. It is time America wakes up to the fact we have been at war all these years.,

Lt. Col. Efros has placed pictures of the morning and evening award sessions on our Wing web page.

Lt. Don Hocker sent an excellent account over azwg-info email about the seminars.

SQUADRON 305 AIR CREW MEMBER WINS AIR RODEO COMPETITION.

by Allan Pearlstein, 1LT

During the weekends of 13-14 September and 20-21 September, the Arizona Wing sponsored an Air Rodeo flying competition. This was a funded mission, open to air crew members throughout the Arizona Wing. One day before the mission, crews were given a cross country route to fly. The air crew members were given several different waypoints in coded language. For example, the Alamo Lake waypoint was given as follows: "Follow the sun to Sam Houston's watering hole at 34.15N X 113.35W." The air crew needed to decipher the coded message, fly to the location, take a picture using a digital camera, and report the findings to mission base. Crews were graded on paperwork accuracy, total flight time accuracy from departure and return to Falcon Field, and total fuel consumption accuracy.

The air crew consisting of 1LT Bill Mudge (squadron 305), LTC Martha Pearce (formerly squadron 305 now AZ Wing member) and LTC Martha Morris (AZ Wing member) took first place in the competition. At the joint squadron meeting on 21 October 2003, Captain Francois Bergeon, presented 1LT Mudge with a trophy and plaque. Congratulations 1LT Mudge, LTC Pierce, and LTC Morris for a job well done! Other squadron 305 participants' in the competition were 2LT Richard Lauer, Captain Mike Casey, 1LT Allan Pearlstein, Capt Mike Tassielli, LTC Ron Thompson, and Capt Tony Voyles.

The mission base for the Air Rodeo was located at Falcon Field. Sq. 305 provided personnel to man communications, operations and the flight line. Major Richard Laherty was the Incident Commander. Other mission base staff members included Tiffany Smith, Jackie Smith, Steven Hughes, Jim Oliver, Lisa Martineau and Tony Martineau.

SENIOR PROFESSIONAL DEVELOPMENT

Since the last issue of Wingtips there has been considerable action in the Senior Professional Development Office (SPDO).

Level I and Cadet Protection Program Training is being conducted in all areas of the Wing whenever there is a demand for the classes. New instructors are being certified.

Squadron Leadership School and Corporate Learning Course classes are being held several times a year at the various Groups, who vary locations to provide service to all Squadrons.

The Wing now has two types of Commander's Courses being offered. One deals with the mechanical part of running a Squadron and the other deals with maintaining the positive attitude members and the elimination of areas of concern before they can become serious.

The Air Force Institute of Advanced Distributed Learning (AFIADL) enrollment has not been as large as we feel it should be. This program is the same one we knew under the name of Educational Correspondence Institute (ECI). There are many courses that are available toe CAP members that provide beneficial information usable in and outside of CAP. The Safety, PAO, Scanner, and Observer courses as will as several other courses have a direct bearing on the performance of Squadron and Mission duties.

The ability to become knowledgeable in several field in provided by the Specialty Tracks.

All members can have three Specialty Tracks listed at the same time. All Squadrons should have a complete selection of Specialty Track Pamphlets. Some of them may be outdated, but new ones can be obtained from what used to be called "The Bookstore". I understand there is a new name now.

Now I must bring up some of the items that are still not being handled as they should be.

Some AFIADL course applications are going directly to AFIADL without going through the Wing Testing Officer (WTO). If you are faxing direct to AFIADL, please send or fax a copy to the WTO so we know where to send the course test when it arrives at the Wing Test Control Facility. The cards should also be sent to the WTO, who will record them and send them on to AFIADL.

Squadrons are required to send to the various Directorships a Personnel Authorization Letter at the beginning of each year and with a change of Commander. When personnel change duties within the Unit, a CAPF 2a should be sent to the corresponding Wing Director noting the change of officers. My files on the Unit Testing Officers and the Unit Senior Professional Development Officers have large holes in them where I have either an outdated name or no name at all. I sometimes have material that I would like to send to these Officers instead of sending it to the Commanders who receive too much snail mail and e-mail already.

Maj. Frank Wheeler

SQUADRON 508 HAS NEW HOME AND AIRPLANE

The 508 Composite Squadron has a brand new home and a new airplane. Col. Varljen, Wing Commander, presented the keys to both the plane (CAP 320), and 508 HQ to Lt. Ron Kinner during a brief ceremony held at the new facility. The presentation was preceded by the signing of an agreement between CAP Wing Staff and Col. James J. Cooney, Commanding Officer, Marine Corps Air Station, Yuma. Also present at the even were Group Commander, Maj. Russell Sturgeon and AZ State Director, Mr. Michael "ET" Holm. "I believe that this is the first time in wing history that a squadron received a new building and a new plane on the same day," said Mr. Holm. During the meeting Col Varljen also discussed the future of CAP in Yuma County and announced the formation of the 508 Composite Squadron which is the result of a merger with the 509 Cadet Squadron.

Congratulations 508!!

Squadron 107—Sierra Vista Makes Tracks

The increasing size of Squadron 107 has led to a shortage of space and chairs. With this in mind the 22 air crew members are now meeting at the FBO at Bisbee Municipal Airport. Bisbee Airport is operated by Squadron members, Capt. Robert Swann (Commander) and Major Fellows (Emergency Services). Currently the flight side boasts a couple of CFI's and Commercial pilots, and the Squadron is delighted to acknowledge the accomplishment of Cadet Justin Ingersoll who has obtained his Private Pilot license.

October 24-25, the cadets supported by DCC, SM McGraw, Col. Wesiberger and Maj. Fellows, represented Civil Air Patrol at the Sierra Vista EAA Centennial of Flight fly-in. Civil Air Patrol provided parking assistance, crowd control and most importantly, flight line safety, escorting the many new "Young Eagles " into the cockpits of their host's aircraft. Airman Justin Ingersoll even managed to get a ride in a Seabolt, an acrobatic bi-plane. He still has a big grin on his face!

An information and highly successful recruiting table was set up with sodas and water which were sold. The Medical Officer, Major Fellows, an Emergency Department registered Nurse provided first aid services. Fortunately that effort was limited to one scrapped elow and one case of air sickness! It should also benoted that Major Fellows has recently earned her Airframe Aviation Mechanic Certificate from Cochise College in Douglas, and looks forward to a future looking at Lycomings rather than throats.!

Earlier in the summer the Color Guard made us all clean out our closets and garages. We took everything to the Flea Market and made over $80.00 with which to purchase color guard equipment.

Kathleen R. Fellows, Major, CAP

PAO Cochise Composite Squadron

Virus or Hoax?

With a lot of viruses, so-called fixes, and hoaxes going around, what to you do???

First of all, purchase a current Anti-Virus program such as Norton Anti-Virus 2004. Keep it updated daily by running Live Update. When the one year subscription is up, purchase the next version ie... Norton AntiVirus 2005 (do not just update your subscription service. This only updates the virus definitions, not the program itself.

Second, be sure to run Windows Update at least once a week to obtain at least the Critical Updates (I recommend also getting the Windows 98, 2000 or XP Updates).

Third, be careful opening any attachments as they may contain viruses such as some of the latest fix supposedly coming from Microsoft (Microsoft, McAfee or Norton does not email attachments). You may want to turn off the Preview Window on your email since sometimes just highlighting the email (even to delete it) gives you the virus.

When you receive that email telling about this virus so bad that Microsoft, McAfee or Norton cannot detect or fix it, it is probably a hoax. Don't delete that file or send it on to all persons in your address book.

To check on the latest virus threats and hoaxes, go to

http://www.sarc.com.

Security Alerts and Latest Threats

09-30-03 W32.HLLW.Gaobot.AO
09-30-03 W97M.Tabi.Trojan
09-30-03 Backdoor.IRC.Tastyred
09-29-03 W32.HLLW.Gaobot.AN
09-28-03 Trojan.PWS.QQPass.E
09-28-03 Trojan.Vardo More...

Top Threats
08-18-03 W32.Welchia.Worm
08-11-03 W32.Blaster.Worm
06-04-03 W32.Bugbear.B@mm
09-18-03 W32.Swen.A@mm
08-01-03 W32.Mimail.A@mm

Removal Tools
· W32.Swen.A@mm
· W32.Sobig.F@mm
· W32.Dumaru@mm More...

Security Advisories
· Sun Solaris SAdmin Client Credentials Remote Administrative Access

· Multiple Microsoft RPC DCOM Subsystem Vulnerabilities More...

Lt Col Robert Efros

Protect our Nation

Another One For CAP's Fleet of Planes

This is a 1/5th scale model of a C-182 built from a top Flite Cessna 182 Skylane kit. It has an 81" wingspan with a scale interior kit and scale pilot.

The model also has navigational lights, rotating beacon and landing lights. It is controlled with a 7-channel Futaba radio and is powered with a OS .91 cu. In. two cycle engine. The model was built by Capt. Jeff Liedl WOW! Beautiful!

(Rochester Squadron, future 305 member) , resident of Gold Canyon.

Fwd: by LT. Pearlstein 305

Civil Air Patrol Cadet Reaches Milestone

On 16 September, Cadet Captain Roch L. Renaudot , Falcon Field Composite Squadron 305, received the Amelia Earhart Award. He was presented the award by Major Ron Fett, Mesa City Councilman Rex Griswold, and Mr. Del Rubi.

The Amelia Earhart Award is the second of four awards that cadets can earn, the Billy Mitchell Award being the first, the Ira C. Eaker Award the third, and the Carl Spaatz Award the fourth and most challenging.

In order to meet the requirements for the Earhart Award, Cadet Renaudot demonstrated a thorough understanding of leadership, aerospace education, and passed a physical fitness test. Cadet Renaudot immigrated to the United States from France in 1997. Upon graduation from high school, Cadet Renaudot plans on attending the United States Air Force Academy like several of his predecessors have.

Lt. Allan Pearlstein , Sq. 305 PAO

TWO CADETS of 205 Earn Awards

In September 2 of Squadron 205 cadets earned their Mitchell Award: Joshua Edgerton and Cody Fountain.

Cody Fountain who turned 21 in September has now joined as a Senior Member.

On 13 September, Sedona Airport Day, Squadron 205 earned $800 with their food concession.

On 14 October, Bill Tinnin was appointed Squadron Commander by Maj. Ed McMillian, who also presented the Mitchell Awards.

24-25 October, we held an over nighter :"Survival Night," with drilling, classes on customs and courtesies, core values, team building exercises, and a special radio education class by Senior Member Chuck Murcko, just to mention a few things being offered.

WE ARE IN SEVERE NEED OF PILOTS FOR O-FLIGHTS ANY SATURDAY IN NOVEMBER.

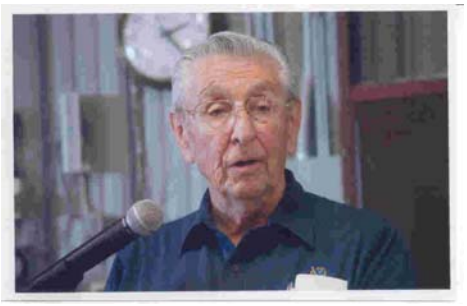
DCC Lt. Jean Hurley is very proud of the 205 Cadets and their accomplishments and dedication to the squadron.

Aerospace Education ***** display-will travel

The picture of the display was taken at Sedona's open house on September 13th. The celebration was for 100th anniversary of powered flight. This display was also at Prescott airport for the 75th anniversary of the Prescott Love Field, the 100th anniversary of powered flight and the 25th anniversary of Embry Riddle University in Prescott.

This photo is of Scott Crossfield who was a primary test pilot of the X-15 and was the first person to fly over mach 3. He was also one of the first astronauts since he flew the X-15 more than 60 miles above the earth.

Submitted by Lt. Col. Pete Feltz



COLD WEATHER PROCEDURES FROM THE October 2003 The Sentinel

It's time to review Cold Weather Procedures in your Pilot's Operating Handbook. Most aircraft are designed to operate within certain temperature extremes. Manufacturers generally can predict their product's performance in temperature extremes and outline precautions to be taken to prevent premature failures. A thorough preflight inspection is especially important during cold weather. It's natural to hurry the inspection when the aircraft is outside in the cold. However, this is the time you should do your best preflight inspection. Here are some things to keep in mind while preparing your aircraft for winter flying.

First, make sure the proper engine oil is being used for the range of temperatures you expect to encounter. Another oil-associated part that deserves attention is the crankcase breather. FAA reports a number of engine failures have been attributed to a frozen crankcase breather line. Pressure builds in the system, sometimes blowing the oil filler cap off or rupturing a case seal, which then allows the loss of the oil supply. The water, which freezes in the breather line, is a natural byproduct of heating and cooling engine parts. How can you tell if the line is frozen during preflight inspection? Simply look at the bottom opening of the line where it comes out of the cowling. If it's frozen shut, this is where it will happen.

Many aircraft are equipped with cabin heater shrouds, which enclose the muffler or portions of the exhaust system. A thorough inspection of this system could reduce your chances of having carbon monoxide enter the cabin. Carbon monoxide detectors are cheap insurance against this insidious killer.

Cold temperatures can also set you up by contaminating your fuel with water. Most pumping facilities are equipped with good filtration equipment, but even with the best fuel and precautions you can get water in your fuel. If your aircraft has been warm and then is parked in the cold with half-empty tanks, the possibility exists that water will condense in the tanks. Keep your tanks full and your fuel sumps drained. Also, check your fuel vents for ice or snow. A plugged vent can cause the engine to quit or a tank to collapse. Remember, it's better to suffer through a cold preflight than to suffer equipment failure while you're flying.\

DRIVE SAFE, FLY SAFE, BE SAFE

Leadership in the 21st Century

by Del Rubi, Senior Master Sergeant, USAF, Retired

Commanders will have to change their leadership style to effectively motivate and lead their volunteers in the 21st Century and more importantly, in today's CAP volunteer organization. The ultimate goal of leadership is to satisfy the needs of both internal and external customers. According to Anil Nanji, CEO of Magnet Sales and Manufacturing Inc., "the most valuable thing that leaders have is **energy** and **spirit**...it's his/her job to create an environment in which these can flourish and these can be unleashed". The ultimate goal is happy customers, and if you have happy customers, you have got to have employees and/or volunteers who are energized. Can this apply to CAP members who volunteer their time as members of the USAF Auxiliary--absolutely! Why? Because effective leadership influences the behavior of others toward getting the job done, right the first time and every time, and this applies directly to CAP members today. Let's now look at this leadership process in more detail.

Leadership is the process of directing the behavior of others toward the accomplishment of mission objectives. This leadership process is very difficult to master. It can take many years for managers, especially CAP Commanders, to learn how to lead their volunteers effectively so the mission can be accomplished efficiently, effectively and safely. There are six traits or characteristics vital toward mastering the leadership process; **integrity**, **loyalty**, **commitment**, **energy**, **decisiveness** and **selflessness**. Obviously, there are many more traits vital to leadership, however these are the most common and the ones that will be discussed in future Wingtips articles. In addition to the six traits, a leader must master some leadership principles. These principles are rules or guides that have been proven over the years to be effective for leaders. Therefore, the 10 leadership principles each commander and/or leader must understand and practice are; **know the job**, **know yourself**, **set the example**, **care for people**, **communicate**, **educate**, **equip**, **motivate**, **accept responsibility** and **develop teamwork**. Once leaders, managers and/or CAP Commanders assume leadership roles, it is important for them to learn and practice each of the leadership traits and principles listed above. When these are somewhat mastered by the leader, the working environment will be both dynamic and positive. Additionally, with practice, these traits and principles will create an environment where volunteers are energetic and motivated toward accomplishing the mission of the organization. However, before effective leadership can take place, it is important to understand and grasp the definition of leadership.

There are many different leadership definitions, however each definition embraces itself around one important ingredient--people. People come from different backgrounds, environments and experience levels, and this is why the leadership process can be very difficult to master. In review, the definition above states "...directing the behavior of others toward the accomplishment of mission objectives." One of the key words in this definition is "others", and "others" are people who accomplish the work--where the rubber meets the road. The U. S. Air Force defines leadership as the "art of influencing and directing people to accomplish the mission." As you can see, this definition specifically focuses on people as well. Yet, another definition comes from Julian Barling, a Psychologist and Business Professor at Queen's University in Kingston, Ont., who states, "leadership is the ability to intellectually stimulate subordinates, to help them approach problems in new ways and to think about what's going to benefit the organization in the long term". As you can see, each definition centers on people, and leaders must realize that it is important to learn as much as possible about the people they are trying to motivate to achieve professional and positive results. According to Peter Drucker, "leadership is characterized by results--that is, by the followers doing the right things". Once leaders inspire their people to perform to their highest potential and to accomplish their jobs right the first time, their people will effectively accomplish the mission and the results will be happy and satisfied internal and external customers. Now that the definition of leadership is understood, it is important for managers, leaders and commanders to start focusing on how to effectively lead their people--especially their volunteer force.

Effective leaders have certain distinguishing traits or characteristics that make them successful. These will be discussed in the next article in Wingtips.

Until next time,

Del Rubi, Senior Master Sergeant, USAF (Retired)

This is What We Do

A call is received that a plane is overdue, missing or there is some other emergency that requires the attention of the Civil Air Patrol for Search and Rescue.

We get the necessary information and go to work organizing a mission crew.

A plane missing since 21 September, presumably in Arizona required our immediate attention and got it.. Lt. Col. James Mackey, Deputy chief of Staff, Operations, quickly and methodically organized Mission Base with the necessary personnel.

The weather did not cooperate at first, but there was still plenty to do at Mission Base.

By Wednesday the 24th, all was underway to search a defined area. Crews and search grids were assigned. Lt. Col. Mackey commanded Mission Base undauntedly for days until relief came from Maj. Brian Ready. Again a crew and sorties were expertly executed.

As the mission continued, Maj. Sharon Weber picked up the reins in a smooth transition for another days search; as did Maj. Ron Fett who was the IC for another days search.

Again Lt. Col. Mackey back at the helm and getting help from the New Mexico Wing, and then Colorado, Nevada, and Utah Wings joined in the search also.

After several weeks of searching, and exhausted crews and houred out planes it was decided to suspend the search and close the mission. But we won't stop trying. We will still use practice time to search.

We are determined to do everything possible to locate the subjects of any search…..because

This is what we do.

Politics—Good or Bad

by Morris Courtright, Ph.D. , Former State Representative

That magic word, "Elected", one so dearly longed to be heard by all aspirants to public office. Whether it is heard early on election evening, late at night, or perhaps early the next morning, it is the magic word that means the majority of the people casting ballots have deemed you worthy of representing them in whatever office you aspired to hold.

By way of background, I speak from experience, having been defeated, elected and re-elected. Your reaction, and the reactions of those around you, at the moment the final election results are announced can vary from one of disbelief to one of pure ecstasy. Depending on the office, the candidates for that office and the voting population, the outcome may be one of plain "that was expected", to one of joy and wonder that you overcame the odds. Imagine the feelings associated with seeing your name in a headline stating; "first elected in 47 years." (I still have that headline.)

The point never to be forgotten is that the majority of the people elected that person to represent them. Generally, for local office, this means they know you well enough, or have been told by your friends, that you hold the same beliefs as do the majority of them. On a statewide or national level it usually means the majority were convinced by the TV ads, billboards, newspaper ads or news columnists comments that you believe in what they believe.

Once in office, however, the officeholder gains a new popularity by just being in office, and often changes takes place. This is particularly true on a statewide and national level. Part of this is due to the need to meet new people and make new friends on this "higher" level. The symptom of this problem shows up when the officeholder seems to be forgetting the people who elected him. This can easily occur when much of his/her time becomes involved in travel between office and residence, such as travel from Washington, DC to Flagstaff, or Kingman to Phoenix, for example. In order to do a better job for "his people", it may soon seem more important to spend more time in "foggy bottom" with the rest of the elected officials than with the people who elected him.

Thus the importance for each of you to stay in contact with the people you elected, or conversely help those you want to replace the one "they" elected. Politics do not "just happen". Politics includes you, whether you vote or not.

Why? Because it is you and your vote that makes politics good or bad.

Aviation & Space Festival

I am co-chairing the Aviation & Space Festival of the Arizona Aerospace Foundation at the Pima Air & Space Museum December 13th and 14th 9-5 both days. I will be giving an informal presentation on communication and Cynthia Runkel of Group I will also be giving a presentation plus having a CAP booth. The special events include: Honoring the astronauts of Columbia STS 107; Saluting the Crew of Challenger 51-L; Celebrating 50 years of Jacqueline Cochran's famous flight breaking the sound barrier; Mix & mingle with aviation celebrities; Marvel at the collection of historic planes; Experience the MORPHIS simulator and other exciting interactive exhibits; Launch a mission at the Challenger Learning Center of the Southwest; Explore the mountains and valleys of Mars...the Red Planet in a new exhibit highlighting Arizona's contribution to 100 years of Martian science; a dozen informal speakers on aviation will be throughout the four large hangers.

We are inviting everyone to share in the celebration of the Centennial of Flight, presented by Women in Flight.

Children under 18 are free; 2 free admissions for every one paid adult. 6000 E. Valencia road, Phone 520-574-0462 www.pimaair.org **Maj. Barbara Harper**

ELT TRAINING TAKES PLACE AT THE MOGOLLON AIR-PARK

ELT training took place at Mogollon Airpark in August. Three CAP Aircraft with four Senior members and 2 cadet instructors for the Emergency Locator Transmitter (ELT) participated.

Assistance for this activity came from the Navajo County Sheriff's Dept. and others at Mogollon High School.

Squadrons 305, 308, and 314 participated.

Payson Cadets Come to the Aid of Two Plane Crashes.

On May 17, 2003, during the annual aero fair at the Payson Airport, a plane coming in for a landing was hit with a gust of wind which pushed him off the runway. He managed to recover and pushed the engine to full power, but he did not have enough lift. His wing tip hit a tree and swung the plane to the ground.

C/Maj Murphy ordered the younger cadets to stay where they were, and for C/2nd Lt Wright and C/S Sgt McElhiney to follow him with their emergency gear.

They scaled a fence which surrounds the airport, and they were the first to reach the site of the crash. The pilot and his three passengers had made it safely out of the aircraft.

Murphy checked the aircraft for any other passengers. There were none, but he did discover the leaking fuel from one wing tank.

While Murphy checked the victims the other two secured the perimeter to prevent intrusion until authorities and paramedics arrived.

About this time another loud bang was heard. It was announced that another plane had crashed. Murphy then dispatched C/Sgt Ammonu. Ammonu was then able to set up a small area around the plane to keep the crowd away.

The pilot and his passenger were determined to be safe and uninjured.

The plane had run low on fuel, and when the pilot came in to land he did not lower the landing gear down in time.

This situation was handled beautifully by well trained cadets.

Thank you for being there.

Taken from information forwarded by Capt. Jim Cambier, Sq. 209,

REMEMBER HOMELAND SECURITY IS OUR MISSION ALSO.