

# **History of Missouri Wing Civil Air Patrol**

**Auxiliary of the United States Air Force**



**Volume 1 – Narrative**

**History of  
Missouri Wing  
Civil Air Patrol**

**Auxiliary of the United States Air Force**

**January 1, 2015 to December 31, 2015**

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# Preface

2015 has been another outstanding year for the Missouri Wing. The Wing motto of “Show Me Excellence” has once again been upheld in the programs and opportunities that are available to Missouri Wing members. Commanders, both in the senior and cadet ranks, and individual members have taken on more responsibility and commitments to allow the Wing to grow in 2015. It is my desire in this history to show the success and commitment to excellence in the Missouri Wing that make it such a continually outstanding organization.

Captain Lin Redfield

Wing Historian

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# WING EVENTS CHRONOLOGY

**2015**

## **February**

- 7 Tactical Communications Exercise and Ground Team Training
- 14 Group 1 SAR/DR Training
- 20-22 ASA5, Ft. Leonard Wood

## **March**

- 21 Col Robert Todd, North Central Region Commander officiated at the Missouri Wing Change of Command as Col Erica Williams handed over command to Col John O'Neill at Fort Leonard Wood. Col Erica Williams then moved to North Central Region.

## **April**

- 14 Aviation Day, Jefferson City
- 18-19 Unit Commander's Course, St. Louis
- 18-19 Web Emergency Operation and Communication Training, Sedalia
- 18-19 Training Leaders of Cadets Course, Sedalia

## **May**

- 29-31 ASA6 at Fort Leonard Wood

## **June**

- 13 SAREX
- 20-27 MOWG Encampment, Ft. Leonard Wood

## **July**

- 5-11 PathFinders Tech School, Ft. Leonard Wood

## **August**

- 8 Tactical Comm. And ES Training, Group 3
- 21-23 Iowa Wing Conference
- 26-30 CAP National Conference, Orlando, FL

## **September**

- 4-6 ASA, Ft. Leonard Wood, MO
- 26 Sedalia Air Show and Fly In

## **October**

- 16-18 Wing Conference, Kansas City, MO
- 24 Search Management Course

## **November**

- 13-15 ASA, Ft. Leonard Wood
- 20-22 Illinois Wing Conference, Illinois
- 28 Group 3 SAREX

## **December**

- 12 Wreaths Across America Wreath Placements

# MISSOURI WING

## Overview

Civil Air Patrol has been serving our nation for almost 75 years going back to the 1940's. In 2015, the Missouri Wing is comprised of 27 individual units or squadrons with 5 groups. The Missouri Wing has approximately 1,000 members, 10 light aircraft and 17 multi-purpose vehicles. Federal, state and county governments, emergency responders and law enforcement agencies may call upon CAP to assist in search and rescue, homeland security, disaster relief, humanitarian assistance and counter-drug missions.

CAP was recognized in 2015 as part of the U.S. Air Force's Total Force, which also consists of regular Air Force, Air National Guard and Air Force Reserve, along with Air Force retired military and civilian employees. The Missouri Wing stands ready to assist their nation, their states and their communities when called upon during times of need.

Multiple Search and Rescue Exercises were held by different squadrons this year, giving senior members and cadets an opportunity to become prepared and stay prepared if they are called upon to serve their communities.

As with previous years, the highlight of the year was the 2015 Missouri Wing Conference held at Kansas City, MO. Along with classes in many areas of expertise provided by members of the Wing Staff, there was a time for celebration as well. On the closing evening of the conference, the 2015 Missouri Wing Awards were presented at the banquet. The out-going North Central Region Commander, Colonel Robert Todd presented the keynote address.

The Missouri and Kansas Wings participated in the 2015 Missouri Wing Conference and Awards this year.

## 2015 Summer Encampment

The 2015 Summer Encampment was held this year at Fort Leonard Wood in June and More than 100 youth from Missouri, Kansas, Nebraska and Minnesota attended the camp.

The cadets learned how being in the military would be on a daily basis. They received training in engagement skills, leadership, reaction and confidence. They also learned military customs and courtesies, drills and ceremonies. An extreme obstacle course was a favorite because the cadets felt so much confidence after being able to complete it.

MSgt Charline O'Neill is in charge of the meals at all these activities and she does a terrific job keeping all the troops fed.

Illustration 1: MOWG Encampment Graduation Day, Ft. Leonard Wood, MO



## Pathfinders Technical School

2015 was the 2nd year of the Pathfinder Technical School being held at Fort Leonard Wood since being reinstated in 2014.

During this event, cadets are able to develop to a finer degree their emergency service capabilities during intense training of Ground Team 1, 2 and 3. The Pathfinder School equips cadets with outdoor self-reliance skills that can be utilized in various environments and implemented in most any region worldwide. From simple fire building to in depth training in tracking and trapping, The Pathfinder School is the source for outdoor self-sustainability

17 CAP members graduated the intense school including 3 senior members.

C/Lt Katie Jenkins was the honor student for the year.

The cadre member of the year went to Oklahoma Wing member C/ Lt Conlan Miller.

Captain Alan Altis has been the head of this program for 2014 and 2015.

Despite poor weather conditions with heavy rains and flooding the course was a success.

Illustration 2:



## Aerospace Education

It was another successful year for Aerospace Education as the ASA program again excelled under the leadership and direction of Lt Col Bill Sander. This program includes the model rocketry program, robotics and aerospace programs and is supported by both cadet and senior staff members.

The ASA introduces cadets to the Science, Technology, Engineering, and Math involved in aerospace related projects. Five STEM kits are offered to choose from: Astronomy, Flight Simulator, Model and Remote Controlled Aircraft, Robotics and Rocketry.

In addition, six teams from Missouri registered to compete in CyberPatriot III in 2015. This highly competitive and technological event trains CAP and others to defend America's national security from the air, land, sea, space and cyberspace.

The AEX or Aerospace Education Excellence program which involves hands-on aviation and space-related activities with cadets, students and senior members was again a priority in 2015.



Illustration 3: ASA at Fort Leonard Wood

# **2015 NARRATIVES**

## **Introduction**

Missouri Wing Supplement to the CAPR 210-1 requires all Missouri Wing units to submit an annual historical narrative and chronological history. This allows the Wing to gather recollections of activities and events from all over the state. It also allows for the collection and preservation of historically relevant unit information. Below are the unit narratives submitted for 2015.

## NCR-MO-018-CENTRAL MISSOURI COMPOSITE SQUADRON

### MAJOR MICHAEL McCRADY

The Central Missouri Composite Squadron continues to meet at the Columbia National Guard Armory, 5151 Roger I. Wilson Memorial Drive, Columbia, MO 65202 on Tuesdays from 19:00 to 21:00.

The year began with Major Carl R. Jantz as Squadron Commander; his key staff was as follows:

- Deputy Commander for Cadets – Major Michael O. McCrady
- Finance Officer – 2Lt. Jeffery Adkins
- Aerospace Education Officer – 2Lt. Jacob Thompson / 1Lt. Donald Prevost (appointed 3/19/15)
- Character Development Officer – Major Karl Schulte
- Communications Officer – Captain Mark Poole
- Logistics Officer – Captain Mark Poole
- Safety Office – Major Carl R. Jantz

On May 1, 2015 Major Michael O. McCrady was appointed as the Squadron Commander as Major Jantz had reached the term limit for serving as Squadron Commander. The Squadron key staff was as follows:

- Deputy Commander for Cadets – Major Carl R. Jantz
- Finance Officer – 2Lt. Jeffery Adkins
- Aerospace Education Officer – 1Lt. Donald Prevost
- Character Development Officer – Major Karl Schulte
- Communications Officer – Captain Mark Poole
- Logistics Officer – Captain Mark Poole
- Safety Officer – Major Carl R. Jantz
- Emergency Services Officer – 2Lt. John Swan (Appointed 10/14/15)

### Cadet Milestone Achievements for 2015 include:

#### Wright Brothers

- Grant Bradshaw 12/22/15
- James Jenkins 09/22/15
- John Jenkins 06/28/15
- Ryan Quade 02/24/15

#### Mitchell

- Katherine Jenkins 6/23/15

Eaker

- Caleb Couture 6/23/15

### **Other Awards/Accolades**

Several Central Missouri Composite Squadron members were recognized for their accomplishments in 2015 as follows:

- Cadet Chief Master Sergeant Katherine Jenkins, Missouri Wing Cadet NCO of the Year
- Cadet Lieutenant Colonel Caleb Couture, Missouri Wing Cadet Officer of the Year
- First Lieutenant Donald Prevost, Group 3 Aerospace Education Officer of the Year
- Major Carl Jantz, Group 3 Senior Member of the Year.
- Cadet Lieutenant Colonel Caleb Couture, Air Force Association Award to Outstanding CAP Cadets
- Cadet Chief Master Sergeant Katherine Jenkins, Veterans of Foreign Wars Award for Cadet NCOs

### **Details of Selected Events:**

#### **21 April, 2015 – Metal Aircraft Construction – Riveting**

This month's activity was on aircraft riveting. The Cadets were explained to and shown the basic concepts and techniques of riveting, as well as the different types. This includes the different styles of heads as well as "pull", or Cherry Rivets. A safety briefing was held in regard to tool use, noise and eye protection as well as how to exit the building, if required.

A group of coupons for the riveting exercise were fabricated using .035" thick aluminum sheet metal, approximately 4" X 6" in size. A rivet pattern was drilled in the coupons in the shape of the word "CAP," using a .093" diameter drill. A sufficient quantity of coupons were produced to allow every Cadet to try their hand at properly riveting (2) of the line drilled coupons together. (Coupons produced by the AEO for use in this exercise) The process of making the coupons was explained to the Cadets, as well as the importance of correct hole size and proper deburring.

Equipment Utilized:

- Pancake Compressor
- Rivet Gun and Rivet Set
- Bucking Bar
- Various Rivets (Solid and Cherry)
- Cleco Fasteners
- Cleco Pliers
- Pull Rivet Pliers
- Air Hose
- Safety Goggles
- Ear Plugs

- Portable Work Table

After instruction on how to hold the riveting tool and bucking bar, each Cadet “bucked” several rivets, to “get the hang of it”. Any imperfections in the bucked rivet were brought to the Cadet’s attention, with an opportunity to make the necessary corrections. Issues such as tool marks in the rivet head, upset end of the rivet not square to the surface and incorrect upset end length were noted. The Cadets did remarkably well, with many of their rivets falling within the specified tolerances and requirements.

Aircraft Spruce was contacted in regard to donating some of their Riveting Practice Kits. (These kits come in the form of a small aluminum tool box, and a small airfoil section)

Diane Cawthorn of Van’s Aircraft was kind enough to send us (4) of the tool box kits and (2) of the airfoil sections. These will be used at a future date as an aerospace education activity, with the tool boxes and air foil samples given to the Cadets through a drawing, after completion.

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### **9 June, 2015 – 4 Cycle Engine Theory of Operation**

This month’s activity was on 4 cycle engine theory. The Cadets were given a safety briefing on being around an operating engine and utilizing the correct type of fire extinguisher. Safety hazards: 1) Fuel/Fire 2) Hot Parts 3) Moving Parts 4) Electrical Shock

\*Engine uses: Cars, trucks, motorcycles, lawn and farm equipment, helicopters, \*CAP AIRPLANES\*

\*Parts of an engine/Nomenclature: Piston, Cylinder, Cylinder Head, Crankcase, Connecting Rod, Crankshaft, Carburetor/Fuel Injection, Camshaft, and Flywheel.

\*Theory of operation: Cadets were instructed on the 4 cycles of engine operation – Intake, Compression, Power, Exhaust. (step by step explanation) Correct fuel ratio, compression ratio, ignition system operation.

\*Exhibits: Piston, cylinder and piston rings, carburetor, camshaft, and complete/operating lawn mower engine for demonstration and hands on exercises.

\*Exercises: The Cadets removed the cylinder head from the lawn mower engine, in order to see its internal workings, as had been discussed. They then replaced the cylinder head and used a torque wrench to correctly tighten it down. The engine was then started, and each Cadet took a turn at adjusting the carburetor’s mixture adjustment. This demonstrated to them the effect of leaning and richening the fuel mixture from the ideal 14.7:1 ratio.

\*This was then followed by a question and answer period.

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### **14 July 2015 – Visited the tower at Columbia Regional Airport (COU) and Dr. Stricker’s hangar located on Columbia Airport.**

In our visit with the tower, we had the opportunity to meet with the tower chief, Leroy Welch and discuss ATC communications. We also got to witness, first hand, actual ATC exchanges between the tower and aircraft in the Columbia Class D airspace environment.

After leaving the tower, we went to Dr. Stricker's Hangar on the Columbia airport. We were greeted by Jim Cooper, Operations Manager, and given a tour of the hangar facility. There we were treated to such sights as the P-51 Mustang, the Spitfire, and the Catalina amphibious. Also housed there were several corporate jet aircraft. This hangar also serves as an aircraft repair facility. The Cadets were shown various different phases of aircraft repair and refurbishment.

This exercise gave the Cadets (and senior members) a better insight into what actually goes on in the world of aviation.

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### **15 August 2015 Careers in Aerospace**

In this Aerospace Education workshop we explored the many and diverse opportunities for jobs and careers in the field of aerospace. This exercise demonstrated the potential for lucrative and personally fulfilling positions within the aerospace industry. As part of the Air Force's initiative to promote STEM (Science, Technology, Engineering and Math) and the importance of the United States to maintain its leading role in aviation and space, we looked into the world of aviation related jobs.

Most positions say a 2 to 4 year college degree is preferred, but not necessarily required. There are countless positions in manufacturing that will find candidates well qualified with a technical school background. The ideal scenario is a college degree combined with technical training. Key things to ask your self would be:

- 1) Do you like to MAKE things – Machinist / aerospace assembly / airport construction, etc.
- 2) Do you like to FIX things – aircraft maintenance, Avionics repair(aviation electronics)etc.
- 3) Do you like to DESIGN things – New aircraft, aircraft systems, engine design, aircraft components, airport terminals, aircraft interiors aircraft avionics (electronics) etc.
- 4) Do you like to PLAN things- Airport Management and Administration, Air traffic Control,  
National Airspace Design and implementation, etc.

The list goes on and on. Some sources that can help you along the way are: the AOPA (Aircraft Owners Pilot Association) & the EAA (Experimental Aircraft Association). Both of these sources offer a wealth of information.

The Cadets were provided handouts with information about schools such as Embry-Riddle located in Daytona Beach, FL and Prescott, AZ. The EAA alone lists 104 schools (16 in the Midwest) and over 300 in the U.S. and worldwide. The handouts include information such as:

- job Opportunities List/Manufacturing/Government/Airport/Pilot/Airlines /UAV Technology
- Embry-Riddle Information

- Aviation Schools and Universities listing
- School Selection Guidance

### **Careers in Aerospace**

- College Preparation
- Information for Parents
- Careers in Aerospace
- Listing of Available Videos
- Examples of Current Job Openings

### **15 September 2015 – Theory of Flight – Bernoulli’s Principle**

In this workshop we shall discuss the theory of flight and Bernoulli’s Principle. The initial discussion: Parts of an Airplane.

- Nacelle (Cowl)
- Fuselage (Cabin)
- Wings (Create Lift)
- Empennage or Tail (flight stability, like an arrow)
- Vertical Stabilizer (Fin)
- Horizontal Stabilizer or Stabilator (Pitch Control)
- Ailerons (Directional Control – Roll)
- Flaps (Increase Rate of Descent Without Increasing Airspeed)
- Rudder (Yaw Control)

The function of the various parts of the airplane were discussed and the four forces involved in flight; lift, weight, thrust and drag and what actually make an airplane fly. Bernoulli’s Principle was discussed with (3) physical demonstrations. “As the velocity of a fluid (air) increases, its internal pressure decreases”.

- 1) Light Bulb Demo (air stream between suspended bulbs causes them to come together)
- 2) Ping Pong Ball Demo (air passed thru funnel cause ball to remain in funnel when inverted)
- 3) Venturi Effect Demo (air passed over end of straw causes siphoning effect)

Discussion of lift, angle of attack, effect of airspeed on lift and drag, Newton’s Third Law of Motion (for every action there is an equal and opposite reaction).

Discussion of airfoil terminology: camber, chord line, Leading and trailing edge.

Discussion of types of Drag: parasitic, form, skin friction drag (surface roughness) interference drag (where airflow converges) induced drag (a product of lift)

The definition of angle of attack and its effect on lift and aerodynamic stall (not to be confused with your engine stalling)

The wing can stall at any flight attitude and at any airspeed.(always occurs at the same angle of attack) Discussion of “relative wind”

Why a propeller driven airplane has a left turning tendency (especially on takeoff)

- 1) Torque
- 2) Gyroscopic Precession
- 3) Asymmetrical Thrust
- 4) Spiraling Slipstream

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## **20 September 2015 – UAV’s (Drones) Recreational & Commercial Applications-Regulations**

Discussion started with common drone names. (name comes from engine sound)

UAV’s, Drones, Quad Copters, Octocopters, Flying Robots

Some as large as a jumbo jet, some as small as a bird or small insect.

Drones have recreational, commercial and military applications.

- First drone in recorded history: 500 B.C. – Chinese use manned kite to observe troop movements. Other drone history:
- 1860 / Union Army uses kites to drop propaganda leaflets
- 1916 / Hewitt-Sperry Automatic Airplane developed, “the aerial torpedo”, loaded with explosives to bring down German Zeppelins (Blimps) doing bombing runs over southern England. (World War 1 ended before it could get debugged)
- 1930 (late) / Combat training for fighter pilots using drones.
- 1940 / Nazis use the V-1 “flying bomb” (early pulse jet powered cruise missile) to attack England and Belgium. (also used for fighter pilot training)
- 1946 / eight B-17’s are converted into drones to collect data on radioactivity (atomic testing)
- 1950 / used in Korea and during the “cold war”.
- 1960’s-1970’s / continued use for combat training / drone targets. Firebee surveillance drones fly more than 34,000 flights in Vietnam for military information. Success in their use leads the U.S. to develop other applications
- 1980’s / Israeli Air Force aggressively develops drones. Used by many countries, including the United States. Leads to pioneering of several new versions of drones or UAV’s. (unmanned aerial vehicle)
- 1990’s / UAV’s command a permanent and critical position in military arsenals around the world.
- 1986-1995 / Israeli former engineer develops the predecessor of the “Predator” drone used today in a garage outside of Los Angeles.
- 1994 / Pentagon redesigns the Predator prototype.

- 1995 / Predator drone introduced into the U.S. arsenal.
- 2000 / 1<sup>st</sup> flight of the Predator over Afghanistan (flown by the CIA) Only has cameras at this time for pictures and live images. Then armed in the early weeks of the war.
- 2006/ FAA issues certificate of authorization to use Reaper drones in civil airspace for search and rescue missions.
- 2012 / On the order of Congress, FAA begins formulating rules for the commercial use of drones in civil airspace. (to be done by June of 2016)
- 2013/ Conoco Phillips gets first approval for commercial use of a drone by the FAA. To be used for reconnaissance flights over the Arctic.
- 2014 / Blowback – 35 states pass laws to limit drone use.
- 2018\* / FAA predicts 7,500 domestic commercial drones will be in use. (drones the fastest growing sector of aviation)

### Interesting Facts About Drones/UAV's

Amazon – Estimates sale of drones (UAV's / Quadcopters) will reach 1 million units this coming year.

- 2015 / Amazon/Ebay pushing FAA for regulations allowing /covering UAV's for package delivery.

\*FAA to release regulations around June 2016

Pentagon has 10,000 drones-sneakiness of drones lends themselves to modern day operations.

Air Force predicts 1/3 of aircraft will be drones in 10 years.

### Drone Advantages

- Burns 300 times less fuel than a jet.
- Drones can be controlled by satellite from anywhere in the world.
- Mix of human and robot: Described as “the ultimate melding of man and machine”.
- Shooting down of U-2 spy plane in 1960 over Russia demonstrated the need for unmanned surveillance aircraft. (Pilot Scott Powers captured and imprisoned by the Russians.)
- The Air Force is training more drone pilots than fighter and bomber pilots combined.
- Fighter pilot takes 2 years to train / drone pilot – less than 1 year.
- Non pilots make better drone pilots than trained pilots( typically)
- the Solar Eagle / stays aloft YEARS at a time
- Argus/new drone surveillance system: equivalent of 100 Predator drones
- The latest thing: X-47 autonomous drone – operates without a ground based pilot. For now, they can't do what a pilot can do. Responding to the unknown is a problem, for now.

### Uses for Us Mere Mortals

- Crop Monitoring.(corn field dry/dying in the middle, not otherwise detectable) Farming, irrigation problems.
- Real Estate
  - Internet access to remote areas.
- Bridge and tower inspections.
- Surveillance (touchy subject)
- Amazon/Ebay package delivery
- Get photo shots where helicopters dare not go.(film makers)
- Powerline / pipeline inspection
- Law enforcement / border patrol
- Delivery of emergency equipment.
- Use in hostile/dangerous/toxic environments. (Nuclear Reactor Inspection)
- Domino's?

#### Potential Downside of UAV's

- Injury to people/crowds. (occurred at the U.S. Open)
- Invasion of Privacy
- Interference with aircraft operations and firefighting/rescue efforts. (1,000 sightings to date)

#### Existing Rules

- 400 AGL maximum altitude
- remain line of sight of operator
- No operations over assemble of people
- No closer than 5 miles from an airport
- Remain outside controlled/restricted/prohibited/TFR airspace
- 55 lbs. maximum weight

#### **What Other Uses Can You Think of??**

(Recreational/Commercial)\_\_\_\_\_

#### **17 November 2015 – Introduction to Microsoft Flight Simulator**

This week's AE workshop is an introduction to the use of the Microsoft Flight Simulator.

Assisting me today is SM Chris Phelps.

A refresher/ instruction session is given in regard to the principles of flight and basic aircraft operation.

After that was completed, the use of the controls are covered. The controls being:

- Throttle quadrant
- Yoke

- Rudder pedals
- PC inputs to manipulate the software

- 1) The initial session is to train and have the Cadet successfully taxi the aircraft to the departure end of the runway. When they can successfully demonstrate this, they are ready for the next phase.
- 2) After successful completion of taxi procedures, the Cadets will be trained and practice takeoff procedures, but only to the end of the runway. This will require maintaining the runway centerline, rotating at the correct airspeed, and establishing an acceptable climb rate.
- 3) After successful completion of takeoff procedures, the Cadet will be trained and practice flying a proper traffic pattern in the airport environment. This will mean appropriate turns to crosswind, downwind, base and final at the appropriate altitudes and distances from the runway and at the appropriate throttle settings.
- 4) When this phase has been successfully completed, the Cadet will be trained and practice flying the full traffic pattern, to conclude with a safe and successful landing on the designated runway. Go around procedures will also be covered.
- 5) With any time remaining, the Cadets can do some “recreational” flying. No one’s watching!

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### **12/15/15 – Do’s and Don’ts of Communication**

This session is on how to properly communicate while in an aircraft. Much of the language (ProWords) also applies in CAP radio communications. One of the greatest difficulties initially is getting over “mike fright”. The only answer to this is practice, and practice especially in a real world environment. I have known pilots who have flown for 50 years, and refuse to talk on the radio, much less go to a tower controlled field.

In this exercise we will go over the common phraseology used in aviation, and then engage in a “round robin” segment where the Cadets will be required to respond to a simulated ATC radio transmission.

The main thing to keep in mind here is to relax, and try not to be self-conscious. That will go away with.....PRACTICE!

<b>DO</b>	<b>DON'T</b>
<b>Speak</b> clearly, no mumbling!	<b>Don't use</b> Police, Fireman, "trucker" or slang Phrases.
<b>Know</b> your phonetic alphabet, and use when necessary.	<b>Stay with</b> Standard Phraseology. (ground team / aviation)
<b>Use</b> your Prowords as appropriate (Groundteam/Aviation)	<b>No</b> "10-4 Good Buddy", "roger wilco", or "we've got a convoy!!"
<b>keep</b> your messages brief and to the point. It burns up precious air time with lengthy messages. (No Gettysburg Addresses!)	<b>Don't key</b> the mike immediately after changing frequencies someone else may be transmitting, and you will cut them off
<b>Always</b> wait a few seconds before keying the mike after changing frequencies, to avoid "stepping" on someone.	<b>Don't leave</b> a frequency without a proper notification.
<b>Use</b> appropriate language (especially!) on frequency. Aviation: "Request frequency change" / CAP: "Out"	
<b>Know</b> what you are going to say BEFORE keying the mike.	<b>Don't avoid</b> using the radio because it's "uncomfortable".
<b>Make sure</b> mike button stays depressed while transmitting That will go away quickly if you keep at it! And release it as soon as you are done speaking.	<b>In Aviation: Don't forget</b> the airspace rules as it pertains to communication. (See airspace handout)
<b>Try to relax</b> while sending your message. (Nobody's Shooting at you!)	<b>Don't let</b> "mike fright" get the best of you!
<b>In aviation</b> , state WHO you're calling, who YOU are, WHAT you are, (Cessna, etc.) WHERE you are and what you WANT	<b>Don't mumble</b> / speak clearly!
	<b>Don't accept</b> any instructions/orders you don't fully understand – GET CLARIFICATION
<b>In aviation</b> , use a headset instead of cockpit speaker.	<b>Aviation / Don't hesitate</b> to use "sterile cockpit" procedures when appropriate.
<b>If</b> communication becomes difficult, just speak in plain language; don't worry about Prowords.	<b>Aviation / Don't Hesitate</b> in developing a shorthand system for writing instructions / Clearances that works for you. There are many standard characters available to use. You can also develop your own.
<b>Aviation:</b> Always do a ground check that your radio is working, when possible, before flight.	
<b>Be familiar</b> with your equipment. One switch is all it takes to be NORDO. (NO RaDiO	

**NCR-MO-032 GROUP II**

**LT. COL. CAROLYN RICE**

New Commander – Carolyn Rice – assigned 16 Feb 2015

Also asst DO MoWing – 25 March 2015

Visited Malden Squadron – May 2015

Awards presentations at: Pegasus squadron - May 2015

St. Louis 1 - May 2015

Wentzville - May & Oct 2015

River City – September 2015

Closed following squadrons: Spirit Squadron – Sept.2015

Mid Rivers Squadron – Dec. 2015

St. Charles Squadron – Dec. 2015

Received two new vans in Sept 2015, which were assigned to Wentzville and Trail of Tears Squadrons

Group 2 SUI – October 2015

Attended MoWg Conference –October 2015

Virtual conference calls with commanders on second Tuesday months of:

April

June

August

(Wing Conf – October)

**NCR-MO-084 RIVERCITY COMPOSITE SQUADRON**

**CAPT. TODD MELUGIN**

The Rivercity Composite Squadron participated in the following activities for the year of 2015. A majority of the squadron members attended the following events.

Benjamin Weaver was promoted to 2d Lt.

MSgt. Chris Apprill obtained the Technician Rating for Safety

First Annual Rivercity Composite Awards Banquet

Arch Helicopter tour Granite City, IL. Activity for AEX award

Commanders Call, Fort Leonard Wood, MO Capt Todd Melugin and SM Jackie Melugin attended

First Aid Training, Valle Ambulance Desoto, MO (for Emergency Services)

Color Guard for Rockwood Summit High School Graduation, Chaiftz Arena, St. Louis, MO

Wings over Whiteman Air Show. Cadets participated and assisted in the air show.

Missouri Wing Encampment, Number of Cadets and Senior Members attended.

Missouri Wing Pathfinder Technical School

O-Rides for several of our Cadets

Glider O-RidesIllinois Wing

**NCR-MO-999 MISSOURI LEGISLATIVE SQUADRON**

**LT. COL RANDY FULLER**

During 2015 MO-999 held a legislative reception in January to introduce CAP to the members of the legislature and their key staff personnel.

MO-999 arranged and participated in the annual Aviation Day at the Capitol.

Also during 2015 MO-999 signed up 12 new members for a total of 144 members. There are 195 legislators in the Missouri legislature.

## NCR-MO-102 GROUP III HEADQUARTERS

### LT. COL BILL SANDER

2015 was another highly successful year for Group 3 Headquarters, Missouri Wing. Lt Col Sander's developed goals and a plan of action to improve Group interaction with subordinate units: MO-009 (Sedalia Cadet Squadron, Sedalia, MO), MO-018 (Central Missouri Composite Squadron, Columbia, MO), MO-117 (Saline County Composite Squadron, Marshall, MO), MO-158 (Morgan County Flight, Versailles, MO), MO-119 (119<sup>th</sup> East Central Composite Squadron, Cuba, MO), and MO-160 (Lake Ozark Regional Composite Squadron, Eldon, MO); as well as reactivating MO-139 (Warrensburg Senior Squadron, Warrensburg, MO (Formerly Vanguard Composite Squadron).

### GOALS

With the support of a developing Group staff, Group 3 met most of its goals to provide several exciting events and activities for its members, participating actively throughout Missouri Wing. First, a robust Emergency Services (ES) Program was continued. ES is a broad mission and our involvement is ever changing. We're making effort to play well with others and it's paying off. This will be accomplished by conducting SAREX's, COMEX's, and participation in Wing Exercises, Missions, and community activities.

Second, we must continue to cradle the AE program. AEX is a great tool for the Cadet Program. Field trips and Model Rocketry Symposiums are awesome. An Orientation Flight Day is also on tap in the very near future.

Third, I envision a "Curry" weekend where new cadets can come and earn all of the required tasks for their curry award. On day two we remediate those who quite didn't make it on day one and we introduce them to the ES mission with GES, ICS 100, and an ICUT class; and if time/weather/and availability of Aircraft allow - Orientation Flights. These are first steps which can easily broaden once we get a good cadre of trainers and volunteers developed in Cadet NCO, SNCO, CGO, and FGO courses, symposiums, etc.

Fourth, to go along with cadet development, I firmly believe in Senior Member development, too. SLS's/CLC's/UCC's/etc. have already benched marked as the Group 3 Change of Command immediately precedes a CLC and UCC graduation. Also, mirroring the "Curry" weekend, conducting a lateral "Foundations" weekend is also plausible if there's a need.

All of these goals are obtainable and are proven successes in my past. You'll find that I make every effort to bring my goals and expectations to fruition. Yes, some of the successes I've had in the past may flop here and then again something that had mediocre results may now be a new bench mark success if we re-implement. Let's work together and I give you my word that Group 3 will make MO Wing, NCR, and CAP proud!

## GOAL RESULTS

I am pleased to state that all of the aforementioned goals were exceeded except for the “Curry” weekend. Other activities conducted took precedence, but we plan to double our efforts to make it come to fruition in 2015.

## GROUP ACTIVITIES

In support of the Emergency Services Mission, Group 3 conducted 2 Search and Rescue training Exercises (SAREX), 2 Tactical Communications Exercise (TACCOMEX), 3 Disaster Relief (DR) Exercises, and participated in the MO Wing – CA-PUSAF Guided SAR/DR/HS Exercise,; and provided support to 4 community Air Shows/fly-ins. Group 3 staff also participated in SEMA’s Logistics Supply/Support Area’s (LSA) training as well as webEOC training.

In support of the Aerospace Education Mission, Group 3 provided support for the Missouri Wing’s quarterly Aerospace STEM Academies that evolved from Group 3’s Model Rocketry Symposiums, received 5 STEM kits, participated in the AEX Program, and provided school age program activities during the . Salute to Veterans Air Show, held in Columbia, MO. Furthermore, we worked with area EAA Young Eagles activities and our Operations Officer, Lt Col Ted Forester, has provided Flight Training to 4 cadets and participated in the NCR Powered Flight Academy in Fremont, NE as a CFI.

In support of the Cadet Programs Mission, Group 3 concentrated local efforts on bolstering professional development of Cadet Programs Officers and Commanders by conducting a Training Leaders of Cadets (TLC) course. We also sponsored a Cadet Leadership Academy in Columbia and fostered the Cadet Leadership School in Springfield, MO. Furthermore, several cadets and senior members attended Encampment as attendees and staff.

In support of Professional Development, Group 3 conducted a Squadron Leadership School, 2 Unit Commanders Courses, and a Corporate Learning Course.

## ACCOLADES

Several Group 3 members were recognized for their accomplishments in 2015. Most notably, the following received Wing Level Awards Cadet Chief Master Sergeant Katherine Jenkins, Cadet NCO of the Year; Cadet Lieutenant Colonel Caleb Couture, Cadet Officer of the Year; First Lieutenant James Godar, Cadet Programs Officer of the Year; Lieutenant Colonel William Sander, Frank G. Brewer Memorial Aerospace (Senior Member) Category II Award; and Dr (Major) Mary DiMarsico, Safety Officer of the Year. Additionally, the following members were Group Level Award Winners and Nominees for Wing level awards; First Lieutenant Donald Prevost, Aerospace Education Officer of the Year; Major William DiMarsico, Communications Officer of the Year; Cadet Second Lieutenant Andrew Sites, Frank G. Brewer Memorial Aerospace (Cadet) Category I Award; Major Martin Alderman, Logistics Officer (Property Manager) of the Year; and Major Carl Jantz, Senior Member of the Year.

Furthermore, the following Cadets received the following awards: Air Force Association Award to Outstanding CAP Cadets, Cadet Lieutenant Colonel Caleb Couture; Air Force Sergeants Association Award to Outstanding Cadet Noncommissioned Officer of the Year, Cadet Senior Master Sergeant Alex Young; Veterans of Foreign Wars Award for Cadet Officers, Cadet Second Lieutenant Andrew Sites; and Veterans of Foreign Wars Award for Cadet NCOs, Cadet Chief Master Sergeant Katherine Jenkins. Dr (Major) Mary DiMarsico and Mrs. Vicki Brady received the American Legion Citizenship Award for their service to Group 3 activities.

#### CONCLUSION

In conclusion, Group 3 had another highly successful year and exceeded the majority of its goals.

We strive to complete and exceed goals set for 2016 while supporting our subordinate units, Missouri Wing, Civil Air Patrol, and the community partners we also support.

## **NCR-MO-110 WENTZVILLE COMP. SQUADRON**

### **CMSgt ROBERT MILLER**

The Wentzville Composite squadron meets at the Living Lord Lutheran Church in Lake St Louis MO., at 1830, every Monday. We have had a membership increase during 2015, as a result of vigorous recruitment and absorption of 10 St. Charles Squadron members after that squadron's deactivation. We finished the year with 48 active members; 30 Cadets and 18 Senior Members.

### **SQUADRON ACTIVITIES**

The Wentzville Composite Squadron was busy with participation in multiple activities during 2015. Highlighted among our activities were events that enhanced cadet experiences with flight operations. Including a visit to the MOWG Flight Clinic - Kansas City Downtown AP, multiple O-Rides, Flight simulator use at Flight safety in St. Louis, providing assistance for the Kansas City Air Show, participated in the Aerospace STEM Academy at Ft. Leonard Wood, and engaged in model rocket projects with a subsequent Alpha Model lunching. Emergency Services training and activities were a big part of our focus during 2015. We held several training sessions in Wentzville and participated in other events held in other cities and with other groups.

In addition to flight related and emergency services events, we had 11 Cadets graduate from the 2015 Summer Encampment, 2 Cadets completed SDS, and with two Cadets and three Senior Members serving in Encampment Staff positions, we performed community service activities for parking vehicles at the St. Charles Co. fair, helped Living Lord Lutheran Church with "Back to School" weekend set-up and activities, provided a Veterans Day, Color Guard presentation at Heritage Elementary School in Wentzville and helped with the organization/presentation for Wreaths Across America ceremonies, to include Color Guard and the placement of over 600 wreaths (330 sold by WCS) at five Wentzville cemeteries and at the Wright City Cemetery.

Additionally, the Wentzville Composite Squadron held a Squadron Dining Out in February with 51 members and guests, three Open Houses, hosted two US Armed Forces Recruiter presentations, and participated at a Team Challenge Course Exercise at Greenfield Park in St. Louis.

Two Wentzville Senior Members participated in SAR and Airborne Photography missions in late December during flooding in central and southeastern Missouri.

## NCR-MO-117 SALINE COUNTY COMPOSITE SQUADRON

### MAJ. MARSHA WILLIAMS

The Squadron started the year of 2015 on very shaky grounds. There had been a recent SUI resulting in a new commander, Cory Zuehlsdorf. Also, a number of cadets were graduating from high school and going away to college. Others obtained jobs which tended to include working on Saturday. Our Squadron has tried to meet other days without success, so that was not an option. In addition some Senior members transferred to Group or left CAP entirely. One Senior had been asked to stay away due to controversy but that did get reversed. As is evident the Squadron was in disarray. By May of 2015, there were only 3 to 5 active Cadets and the same number of active Seniors.

Things started to smooth out some by late April but only slightly and slowly. The Squadron was able to have the Memorial Day Observance on the Marshall Courthouse Square. This has been presented by us for many years. A speaker is present. Several Groups present memorial wreaths. VFW and American Legion members have color guards and a rifle squad. Taps are played. CAP normally has a Cadet Color Guard also but was not able to do that in 2015.

SCCS normally assists in a number of community events throughout the year. In 2015, the Squadron was finally able to return to that in September when assistance with parking and transportation was provided for a community Quilt Show at the Martin Community Center. This assistance was primarily provided by Seniors whereas Cadets were primary with Senior supervision in past years.

ON October 9, 2015, Major Marsha Williams became Commander of the Squadron. The previous commander had to resign due to his startup personal business growing to the point he had to focus primarily on it.

The Squadron then assisted with parking at the Arrow Craft Festival. This has been an annual event for many years for the Squadron and a fund raising event as the Squadron sold funnel cakes. In 2014 and 2015 there was not enough manpower for the sales. Three cadets (2 were new) and three seniors were present in 2015. Versailles Squadron also helped with parking on Saturday.

Due to renovations of the Marshall Airport building, we had to move at the end of October. We are temporarily at the Family Worship Center with all of our records and belongings in storage. Just prior to this we moved one Saturday morning after Arrow Rock 8 young people arrived with parents. By the end of 2015 we had 10 new cadets and 1 new senior. One senior who transferred to Group has transferred back.

That allowed us to provide a Color Guard at the Veterans Day Community Breakfast, to assist with parking and food service at the Hospital Auxiliary Bazaar and provide a Color Guard for the Marshall Christmas Parade. This, of course, means a young squadron without the example of other more accomplished cadets but it also means the Squadron is moving forward.

**NCR-MO-143 COL TRAVIS HOOVER COMPOSITE SQUADRON**

**MAJ. PERRY WORKMAN**

2015 held a lot of special events for the MO-143 Joplin Squadron.

First formal banquet was held in January.

Our Squadron was involvement in the first ever organized foot race on the Joplin Airport taxi and runways.

We had our first air show in Joplin in over a decade.

Our extreme SW Missouri squadron reached out to our neighboring Wings for strength in cooperation that was to continue into 2016 with our participation in an Arkansas Ground Team Academy.

## **NCR-MO-147 TABLE ROCK LAKE COMP. SQUADRON**

### **CAPT. LIN REDFIELD**

Command staff for 2015 was Major Tom Martin, Squadron Commander; Major Gary Lewis, Deputy Commander Seniors and Chaplain Mark Lenneville. Cadet Command staff was Lt. Col. Ed Leonard, Commander of Cadets; Major Lanna Fletcher and Captain Amanda Lewis, Deputy Commanders of Cadets.

Lt Col Dave Ellis, Majors Tom Martin and Chuck Stone, and Captain Bob Redfield attended the Region Staff College from December 27-Jan 2 in Salina, Kansas. Cadets attending Winter Encampment at the same time were MSgt Russell, TSgt Lewis and SSgt Green.

A SAREX held in March at FWB focused on the practices and procedures to be followed in the event of an earthquake in the Missouri area. Several members from the Branson West Squadron participated, including Colonel Gene Hartman, Lt Col Ed Leonard, Chaplain Mark Lenneville, Majors Chuck Stone, Lanna Fletcher, and Michael Barnum, Captains Amanda Lewis, Bob Redfield, and Lin Redfield, 1st Lieutenant Billy Beall and 2nd Lieutenant Anthony Barnum. Colonel William Winkert, Major Tom Martin, and Captain Vernon Warren participated as part of the Command Center which was located at the Springfield Composite Squadron based at the Air National Guard Base in Springfield. Cadets participating were Cummings, Lewis and Patterson.

Major Chuck Stone was awarded the FAA Wright Brother's Master Pilot Award in March for professionalism, skill and aviation expertise by maintaining safe operations for 50 or more years.

Squadron 147 was presented the 2013-2014 Cadet Unit Award in March. TR LCS was one of only four squadrons throughout the entire Wing to be presented this award.

Squadron 147 once again participated in the SEMA conference in May by hosting a Civil Air Patrol information table.

On April 20, CAP members from many of the squadrons in Missouri descended upon Jefferson City, including Squadron 147 to take part in Missouri State Aviation Day. Attending from Squadron 147 were Lt Col Ed Leonard, Majors Tom Martin, Greg Lewis, Gary Lewis and Captain Bob Redfield. Cadets attending were Russell, Cummings, Lewis, Green and Patterson. Col Lisa Tuggle Group V Vice-Commander also attended with Squadron 147.

Squadron 147 hosted the 3rd Annual Cardboard Boat Race and Demolition Derby at Rock Lane Resort on Saturday May 16th.

During the weekend of June 13-14 several members of Squadron 147 attended the Wings Over Whiteman Air Show at Whiteman AFB which was attended by approximately 75,000 visitors. Lt Col Ed Leonard, Majors Greg Lewis and Lanna Fletcher and Cadets Lewis, Cummings, Green and Eby represented Squadron 147.

One of the hardest hit areas from tropical storm Bill in June was Springfield where the James River rose to a level of 22.2 feet. Squadron 147 was called upon by SEMA to obtain aerial photographs of the flooding in order to access damage across the state. An aircrew of pilot, Colonel Gene Hartman, Aerial Photographer Major Lanna Fletcher and Observer Captain Bob Redfield obtained 110 aerial photographs during one sortie.

Ft. Leonard Wood hosted the 2015 Mo. Wing Summer Encampment from June 20-27 with Cadets Lucas Lewis, Britney Cummings, Joshua Green and Logan Blevins attended. Cadet Cummings was chosen as Honor Guard Cadet for Alpha Squadron; she obtained the High Inspection Score and was Honor Cadet for Day 3. Cadet Lewis was the Staff Development Squadron Honor Cadet and Cadet Green was awarded the Team Spirit Award

For the 19th year, Colonel Gene Hartman was the Activities Director at the National Flight Academy-Middle Eastern Region and was presented with a Meritorious Service Award.

Illustration 4: Colonel Dennis Baron, Vice-Commander Middle East Region, Colonel Gene Hartman and Major General Vasquez, National Commander.



Promotions are a way of acknowledging the accomplishments of members and we've had many during 2015. Colonel Hartman and Winkert, Majors Martin, Gary Lewis, Stone, Reger, Fletcher and Captain Bob Redfield have also taken on Region/Group or Wing responsibilities. Major David Ellis was promoted to Lt Col. Lt. Barnum earned his IFR rating this year, Lt. Meinzen completed his Form 5 and received his 2nd Lt promotion. The cadet squadron was awarded the Quality Cadet Unit Award for 2015 and Cadets Lewis, Cummings, and Green have been promoted more than once during the last year. Cadet Taran Fletcher was promoted to Cadet Airman. Cadet Cummings was awarded Cadet of the Quarter for 1st Quarter 2015.

Cadet 2nd Lt. Lucas Lewis was promoted to Squadron 147's first Cadet Officer.

Illustration 5: Lt. Col. Ed Leonard, Deputy Commander of Cadets and Cadet 2<sup>nd</sup> Lt. Lucas Lewis.



Major Tom Martin and 1st Lt. Anthony Barnum provided O-Rides for Cadets Cummings and Patterson.

Squadron 147 participated in a joint Missouri-Kansas Wing Search and Rescue exercise on Saturday, September 12 at Table Rock Lake. Members participating in this exercise were Colonels Gene Hartman and William Winkert, Lt Colonels Raun Hamilton, Lisa Tuggle and Dave Ellis, Majors Tom Martin, Jeffrey Cunningham and Lanna Fletcher, Captains Bob Redfield and Jackie Thorstensen.

The Cadet Color Guard consisting of Cadets Lewis, Cummings, Green and Holland presented the Colors at the Marine Air Groups Conference in September.

It was another successful Wing conference for Squadron 147 as six members were recognized for their outstanding achievements. Colonel O'Neill, Wing Commander presented Colonel Gene Hartman the Otradovec Lifetime Achievement Award; Major Tom Martin was honored as the Incident Commander Of The Year; Captain Lin Redfield, the Historian Of The Year and Captain Bob Redfield, the Property Manager Of The Year. Not attending the conference, but presented the Wing award by Major Tom Martin at the Squadron meeting were Chaplain Lenneville, Chaplain Of The Year, and Major Gary Lewis, Communications Officer Of The Year. These awards are a result of commitment and dedication of these members and the support and encouragement of the entire squadron.

A Bivouac and SAREX was held over the weekend of October 23-25 on Major and Captain Lewis' property. The objective of this training was the detection, location and rescue of a downed aircraft and crew. Our special guest was Colonel John O'Neill.

For the 1st time, Squadron 147 has a completed squadron roster with photographs and statistics on each member.

Major Greg Lewis received special recognition with an article written by Mr. Dave Abner of the Stone County Gazette highlighting Major Lewis' three tours in Iraq as a US Army Apache helicopter pilot and his 13 years of Army training and preparation for the missions to come.

Squadron 147 received the Aerospace Excellence Award for the 4th time.

On Veterans Day, Squadron 147 participated in the Branson Veterans Day Parade honoring our veterans past and present. Those participating were Colonel Hartman, Lt Col Leonard, Majors Tom Martin, Chuck Stone and Gary Lewis, and Captains Bob and Lin Redfield. Cadets Lewis, Cummings, Green and Blevins also participated.

On Wednesday, Nov. 7th, 2015 in route to the Branson Veterans Day Parade, Major Lewis made history by being the first person known to conduct radio check-in and pass traffic with the CAP National Traffic Network and stations in 6 other states while mobile in the CAP van.

Squadron 147 laid 135 wreaths at the graves of fallen soldiers in the Missouri Veterans Cemetery in Springfield in observance of Wreaths Across America.

Cadets Cummings and Holland completed the Model Rocketry Program and were awarded certificates.

On December 12, Squadron 147 celebrated its 6th Annual Christmas Celebration and Awards Banquet at Buckingham's Restaurant in Branson, MO. As always it was well attended not only by squadron members, but with the Missouri Wing represented by Colonel John O'Neill, Wing Commander and his wife Charline. Group V was represented by Major Jeffrey Cunningham, Group V Commander and Lt Colonel Lisa Tuggle, Group V Vice-Commander. Also attending was retired General Marc Rogers, former Inspector General of the USAF.

## NCR-MO-155 LACLEDE COUNTY COMPOSITE SQUADRON

### CAPT. SCOTT MURRELL

In 2015 MO 155, the Laclede County Composite Squadron, consisted of 9 Cadets and 13 senior members. Commander and staff positions were as follows:

Commander Captain Scott Murrell

Deputy Commander for Cadets: 2nd Lt. Alex Miller

Deputy Commander for Seniors: Major Malcolm Decker

Operations: 1st. Lt. Steven Stark

Safety: Major Malcolm Decker

MO 155 met at the Mo. National Guard Armory on Fremont Street in Lebanon and hangered its assigned aircraft (N9516X) at the Lebanon Airport. City of Lebanon donated the hanger at no cost and the Mo National Guard allowed use of its armory at no cost. Hints that the City might donate the old terminal building at the Airport for a CAP meeting place/office proved to be unfounded.

The squadron met every Tuesday evening at the Armory. In addition, there was a pilots meeting at the airport on the first Monday of each month. At these meetings, a SAREX type event was planned for a later Saturday in that month. These involved flying the aircraft, usually at the pilots expense, and training scanners, observers, and photographers and coordinating with a ground crew. On a few occasions these events were replaced with scheduled Group V and Wing SAREX's. Otherwise, this training event was held each month.

Additional activities, by month, are listed below:

Cyber Patriot. Our Cadets all participated in the final CAP Cyber Patriot session started in 2014 during Jan 2015. Lt. Miller mentored and conducted these events, with the occasional assistance of Capt. Murrell and Lt. Meyers.

Cadet Color Guard participated in the opening ceremony for the National Horse Shoe Pitching competition held at the Crown Civic Center.

N9516X and crew from Lebanon participated in March SAREX.

Lt. Miller took several Lebanon Cadets to Jefferson City for Aviation Day at the State Capital.

High School Graduation: Provided Color guard for opening ceremonies.

Jr. High School Honors Assembly: Provided Color guard for opening ceremonies.

On June 13th, N9516X and Lt. Stark, Capt. Murrell, and Major Decker from MO-155 participated in a SAREX staged out of Springfield Downtown Airport. On that same day, Lt. Miller and the Cadet Color Guard participated in the Flag Day ceremony at the Lebanon Outlet Mall. Later that month, Lt. Stark, Capt. Murrell, and Major Decker flew Cadet Orientation Rides at Fort Leonard Wood in support of the Cadet Encampment.

In July, MO-155 assisted the City of Lebanon with the Lebanon Airport Open House. This event combined a Fly-in, Pancake Breakfast, Car Show, and was to include a Commemorative Air Force B 25 for static display, and aircraft rides. MO-155 helped set up facilities, directed parking, set up a CAP aircraft display and information booth, and operated concession stand. Unfortunately, the B 25 was grounded by mechanical failure but the event was a success nevertheless. Several local pilots provided aircraft rides for the public, some of whom stood in line for up to 4 hours for a chance to fly. The event lasted until the last rider got to fly around 7:30 that evening.

In August, the Cadet Color Guard participated in the opening ceremony for the Brumley Gospel Singing Convention at the Cowan Civic Center. Later that month, we held a weekend Campout/Emergency Services training at Murrell Farm near Hazel Green. The squadron practiced line searches, air search, and air to ground communications. One innovation was placing old aircraft parts in a field as objects for the line search team to find and mark. Also included was an air/ground ELT search.

In September MO -155 participated in a SAREX on the 12th, we assisted the Lebanon Park board with the Hunger Games competition, a Charity Fund Raising Event. Cadets and Senior Members helped with communication, parking, and assisted staff with errands

In October, the Cadets began participation the first round of 2015 Cyber Patriot on the 16th.

On Veterans Day, the Color Guard participated in ceremonies at the Lebanon High School. On the 14th Cadets continued with Cyber Patriot Round 2. On the 21st, the Cadet Color Guard led the Lebanon Christmas Parade.

In December, the Cadets continued with Round 3 of Cyber Patriot on the 11th. On the evening of the 15th, we held our Annual Christmas Banquet/Awards Ceremony. Representative Sandy Crawford presented the Mitchell Award to Cadet 1st. Lt. Treavor Miller.

## **NCR-MO-160 LAKE OZARK COMPOSITE SQUADRON**

### **MAJ. BILL DiMARSICO**

2015 was a very successful year for Lake Ozark Regional Composite Squadron, the staff developed goals and plans of action for cadets and seniors alike. These goals were met and exceeded by the Squadron. The Squadron participated in several activities around Group III and Missouri Wing.

#### Emergency Services:

Beside conducting, participating and planning several SAR-Ex's the senior staff continued its further education by completing several SEMA and FEMA courses, including Response to Pediatric Emergencies, Response to Haz-Mat Emergencies, Pipe Line Emergencies, Web EOC and MoSWIN radio training. One member completed the IS 300 and 400 course, and Cadet Thomas Cable attended the NESAs school where he obtained his Ground Team Member 1.

#### Cadet Programs:

The squadron recruited over ten cadets and sent 5 cadets to the Wing Summer Encampment. One cadet attended three (3) special activities, which is not bad for a squadron that has only been around for two (2) years. As for other accomplishments the squadron had two (2) cadets receive their Mitchell awards. Cadets also conducted a presentation of colors to the Iberia school for Veterans Day.

#### Aerospace Education:

Lake Ozark Regional Composite Squadron took advantage of the Aerospace Stem Academy at Fort Leonard Wood, where five (5) cadets received their model rocketry badges and one (1) cadet completed his remote control model aircraft program by soloing the aircraft. The senior members conducted an Aerospace class for the Morgan County R II south school, which included teaching the students about the forces and controls of flight.

Over all it was a good year for the Lake of the Ozark Regional Composite Squadron.

# APPENDIX I

## Unit Chronologies

### NCR-MO-018-CENTRAL MISSOURI COMPOSITE SQUADRON

#### MAJOR MICHAEL McCRADY

#### **January**

- 6 Squadron Meeting – Safety & Character Development
- 10-11 Unit Commanders Course & Squadron Leadership School, Sedalia, MO
- 13 Squadron Meeting – Physical Fitness
- 20 Squadron Meeting – Aerospace Education
- 27 Squadron Meeting – Promotions

#### **February**

- 3 Squadron Meeting – Safety & Character Development
- 10 Squadron Meeting – Physical Fitness
- 17 Squadron Meeting – Aerospace Education
- 24 Squadron Meeting – Promotions

#### **March**

- 3 Squadron Meeting – Safety & Character Development
- 7 Wing PBIT Earthquake DR Mission, Sedalia, MO
- 10 Squadron Meeting – Physical Fitness
- 17 Squadron Meeting – Aerospace Education
- 21 Wing Commanders Call & Wing Change of Command, Ft Leonard Wood, MO
- 24 Squadron Meeting – Promotions
- 31 Squadron Meeting – Social Night

## **April**

- 7 Squadron Meeting – Safety & Character Development
- 12 Marksmanship Activity
- 14 Squadron Meeting – Physical Fitness
- 19 CPR-First Aid Training
- 21 Squadron Meeting – Aerospace Education (Metal Aircraft Construction – Riveting)
- 28 Squadron Banquet – Promotions; Guest Speaker: Col. John O’Neill

## **May**

- 1 Major Michael O. McCrady appointed Squadron Commander; Major Carl Jantz appointed Deputy Commander for Cadets
- 5 Squadron Meeting – Safety & Character Development
- 12 Squadron Meeting – Physical Fitness
- 19 Squadron Meeting – Aerospace Education
- 23-24 Columbia Airshow
- 26 Squadron Meeting – Promotions
- 29-31 Aerospace STEM Academy, Ft Leonard Wood, MO

## **June**

- 2 Squadron Meeting – Safety & Character Development
- 9 Squadron Meeting – Aerospace Education (4 Cycle Gas Powered Internal Combustion Engine Theory and Operation)
- 16 Squadron Meeting – Physical Fitness
- 20-27 Missouri Wing Summer Encampment, Ft Leonard Wood, MO
- 23 Squadron Meeting – Promotions
- 30 Squadron Meeting – Social Night

## **July**

- 5-11 Pathfinders Technical School, Ft Leonard Wood, MO
- 7 Squadron Meeting – Safety & Character Development
- 14 Squadron Meeting – Aerospace Education (Tour of Columbia Regional Airport and Aircraft at Ozark Hangar)
- 17 Presentation to Leadership Academy
- 21 Squadron Meeting – Physical Fitness
- 25 Graded Exercise – Sedalia
- 28 Squadron Meeting – Promotions & Model Rocketry Launch

## **August**

- 4 Squadron Meeting – Safety & Character Development
- 11 Squadron Meeting – Physical Fitness
- 17 Staff Meeting
- 18 Squadron Meeting – Aerospace Education (Careers in Aviation)
- 25 Squadron Meeting – Promotions & Senior Computer Training
- 29 Radio Controlled Aircraft Activity – Sturgeon

## **September**

- 1 Squadron Meeting – Safety & Character Development; Squadron Website Training; and Finance Committee
- 4 Aerospace STEM Academy, Ft Leonard Wood, MO
- 8 Squadron Meeting – Physical Fitness
- 15 Squadron Meeting – Aerospace Education(Theory of Flight – Bernoulli’s Principle)

- 19 Group 3 ES Training – Sedalia
- 22 Squadron Meeting – Social Night
- 29 Squadron Meeting – Promotions

**October**

- 3-4 Training Leaders of Cadets; Unit Commanders Course – Sedalia
- 6 Squadron Meeting – Safety & Character Development; Non Discrimination Briefing
- 10 ES UDF Training
- 13 Squadron Meeting – Physical Fitness
- 16-18 Missouri Wing Conference – Kansas City
- 20 Squadron Meeting – Aerospace Education (Drones – Recreational and Commercial Applications / Regulations
- 24 Honor Guard Academy – Sedalia
- 27 Squadron Meeting – Promotions

**November**

- 3 Squadron Meeting – Safety & Character Development
- 10 Squadron Meeting – Physical Fitness
- 13-15 Aerospace STEM Academy, Ft Leonard Wood, MO
- 17 Squadron Meeting – Aerospace Education (Introduction to Flight Simulator);  
Sub Unit Inspection (SUI)
- 24 Squadron Meeting – Promotions

**December**

- 1 Squadron Meeting – Safety & Character Development
- 8 Squadron Meeting – Physical Fitness & Color Guard Practice
- 12 Group 3 Annual Awards and Holiday Party – Versailles

- 12-13 Mission Aircrew School (MAS), Warrensburg, MO
- 15 Squadron Meeting – Aerospace Education (“Say Again” / Communications in Aviation) & Color Guard Practice
- 19 Table Top ES Practice Mission
- 20 CPR/First Aid/AEO Training – Boone Electric Coop Meeting Room
- 22 CPR/First Aid/AEO Training – Boone Electric Coop Meeting Room
- 22 Squadron Meeting – Promotions & Color Guard Practice
- 31 Introduction of CAP to Various ES Groups

**NCR-MO-084 RIVERCITY COMPOSITE SQUADRON**

**CAPT. TODD MELUGIN**

**January**

4 Benjamin Weaver was promoted to 2d Lt.

**February**

8 MSgt. Chris Apprill obtained the Technician Rating for Safety

17 First Annual Rivercity Composite Awards Banquet

**March**

14 Arch Helicopter tour Granite City, IL. Activity for AEX award

21 Commanders Call, Fort Leonard Wood, MO Capt Todd Melugin and SM Jackie Melugin attended

**May**

16 First Aid Training, Valle Ambulance Desoto, MO (for Emergency Services)

19 Color Guard for Rockwood Summit High School Graduation, Chaifetz Arena, St. Louis, MO

**June**

13-14 Wings over Whiteman Air Show. Cadets participated and assisted in the air show.

20-27 Missouri Wing Encampment, Number of Cadets and Senior Members attended

**July**

5-11 Missouri Wing Pathfinder Technical School

18 O-Rides for several of our Cadets

**August**

2 Glider O-Rides Illinois Wing

**NCR-MO-102 GROUP III HEADQUARTERS**

**LT. COL. BILL SANDER**

**January**

- 10-11 Unit Commanders Course, Sedalia, MO
- 10-11 Squadron Leadership School (SLS), Sedalia, MO
- 17 SAR/DR Training, Airline History Museum, KC, MO
- 23-25 Encampment Staff Selection Exercise (SSE), Ft Leonard Wood, MO

**February**

- 2 Aviator's Roundtable Q&A, Parkville, MO
- 7-8 TACCOMEX, Sedalia, MO
- 13-15 Cadet Leadership School, Springfield, MO

**March**

- 1 Collecting & Recycling Cell Phones, held at Whiteman AFB, MO
- 7 Wing PBIT Earthquake DR Mission, Sedalia, MO
- 21 Wing Commanders Call & Wing Change of Command, Ft Leonard Wood, MO

**April**

- 14 Aviation Day, Jefferson City, MO
- 18 LSA (SEMA) Training, Sedalia, MO
- 19 SEMA WebEOC Operator Training, Sedalia, MO
- 18-19 Firearms Training, Ash Grove, MO
- Encampment Staff Training Weekend 1, Ft Leonard Wood, MO

**May**

- 1-3 Ground Team Bivouac, St James, MO
- 8-10 Encampment Staff Training Weekend 2, Ft Leonard Wood, MO
- 29-31 Aerospace STEM Academy, Ft Leonard Wood, MO

**June**

- 3-6 Scott Joplin Festival Support, Sedalia, MO
- 6 Wing Commanders Call, Jefferson City, MO
- 12-14 Wings over Whiteman Open House, Whiteman AFB, MO
- 20-27 Missouri Wing Summer Encampment, Ft Leonard Wood, MO

**July**

- 4 Capitol "Salute to America" Celebration, Jefferson City, MO
- 5-11 Pathfinders Technical School, Ft Leonard Wood, MO
- 18-19 ES Training, Versailles, MO
- 25 CAPUSAF Guided SAREX, Sedalia, MO

**August**

- 8 TACCOMEX & Picnic, Versailles, MO
- 15 Wing Commanders Call, Lynn, MO
- 22-23 Kansas City Air Show, KC, MO

**September**

- 4-6 Aerospace STEM Academy, Ft. Leonard Wood, MO
- 4-6 Mission Aircrew School (MAS), Ft. Leonard Wood, MO
- 12 Cannon Gunnery Range flight outreach event, Laquey, MO

19 ICUT & ES Training, Sedalia, MO

26 Sedalia Airport Fly-In, Sedalia, MO

### **October**

3 Olde Tyme Apple Festival, Versailles, MO

3-4 Unit Commanders Course, Sedalia, MO

3-4 Training Leaders of Cadets (TLC) Course, Sedalia, MO

10-11 Arrow Rock Support for Saline County, Arrow Rock, MO

16-18 Missouri Wing Conference and Annual Awards, KC, MO

16 Firearms Training, Gravois Mills, MO

22-25 DREX, Sedalia, MO

### **November**

1 Orientation Flight Day, Sedalia, MO

13-15 Aerospace STEM Academy, Ft Leonard Wood, MO

28 ES Training Exercise, Versailles, MO

### **December**

4-5 ARCHER DNR Minuteman II Silo Annual over flight, WAFB, MO

5 AEO Workshop, Joplin, MO

12-13 Mission Aircrew School (MAS), Warrensburg, MO

12 Awards Banquet and Christmas Party, Versailles, MO

**NCR-MO-110 WENTZVILLE COMP. SQUADRON**

**CMSgt ROBERT MILLER**

**January**

- 10 O-Rides at KSUS -- 16 members participated
- 23-25 2015 Encampment Staff Selection Exercise – 5 members participated

**February**

- 2 SUI
- 13-15 Cadet Leadership School, Springfield MO -- 6 members participated
- 23 Squadron Dining Out – 51 members and guests in attendance

**March**

- 14 O-Rides at KSUS -- 15 members participated

**April**

- 18 ES Ground Training at LLLC -- 21 members participated
- 24-25 STW for 2015 Encampment – 5 members participated

**May**

- 4 USAF Recruiter, MSgt Brandon Archer, gave presentation at meeting
- 8-10 MOWG Flight Clinic – Kansas City Downtown AP -- 4 members participated
- 8-10 STW for 2015 Encampment – 3 members participated
- 16 Team Challenge Course, Greenfield Park -- 17 members participated

**June**

- 8 Open House and Award Presentations
- 20-27 MO Wing Encampment/SDS -- 18 members participated
- 29 USMC Recruiter, Sgt Lynch, gave presentation at meeting

## **July**

- 6 Cadet Change of Command Ceremony (C/1Lt Smith Assumed Cadet Squadron Command)
- 20 Tour and Flight Simulator Use at Flight Safety, St. Louis with 24 members participating

## **August**

- 1 Parking Assistance for St. Charles County Fair -- 15 members participated
- 3 O-Rides at KSUS -- 21 members participated
- 22-23 Kansas City Air Show assistance – 13 members participated

## **September**

- 12-13 Back to School Activity for LLLC Youth -- 15 members participated

## **October**

- 3-7 TLC & UCC Courses at Sedalia MO – 2 members participated
- 16-18 Missouri Wing Conference, Kansas City – 4 members participated
- 25 Alpha Model Rocket Launch – 17 members participated
- 31 ES Ground Training at LLLC -- 13 members participated

## **November**

- 11 Veterans Day presentations of Colors at Heritage Primary School - 9 members participated
- 13-15 Aerospace STEM Academy, Ft. Leonard Wood -- 8 members participated
- 16 Open House and Award Presentations

## **December**

- 12 Wreaths Across America – Placed over 600 wreaths at 4 Cemeteries in Wentzville and 1 cemetery in Wright City -- 21 members participated
- 21 Cadet Christmas Party

30

Aircrew ES/Airborne Photography and Search and Rescue Missions – 2 SMs participated

**NCR-MO-117 SALINE COUNTY COMPOSITE SQUADRON**

**MAJ. MARSHA WILLIAMS**

**January -April**

No data beyond regular meetings

**March**

28 Jimmy Linares received Curry Achievement

**May**

30 Memorial Day the Squadron provided a Memorial Day Service on the Marshall Courthouse Square

**June – August**

No data beyond regular meetings

**September**

12 Colton Kiser received Wright Brothers Award; and the Squadron provided assistance with parking and transportation at a local community event

**October**

9 Marsha Williams accepted command of the Squadron

The Squadron assisted with parking at the Arrow Craft Festival, sleeping on grounds overnight

10-11 Church for renovation of the Airport Building

**November**

11 Squadron provided Color Guard at the Veterans Day Community Breakfast

13 Assisted with parking and food service at the Hospital Auxiliary Bazaar

## **December**

4 Provided a color Guard for Marshall Christmas Parade.

19 Jimmy Linares received Arnold Achievement

**NCR-MO-143 COLONEL TRAVIS HOOVER COMPOSITE SQUADRON**

**MAJ. PERRY WORKMAN**

**January**

20 Hosted our first Winter Banquet focusing on recognizing members achievements, being seen in the community and as a fund raising medium

**February**

10 Safety Standown-Special Presentation from our Safety Officer, Capt. Stephanie Workman. After required elements, gave examples as a local university building captain.

**March**

7 Bridge Inspection Training Unit traveled to the MODOT HQ in Springfield for Post Incident Bridge Inspection Training - This consisted of classroom and hands on segments.

17 Installation of Squadron Sign After decades of meeting in the Old Joplin Terminal Building, we finally installed an exterior CAP sign designed by our AEO, Maj. Ernie Trumbly

24 RSAT MEETING-Members of our unit participated in an FAA local Runway Safety Action Team Meeting - Being officially recognized as members of same.

31 First Aid Training-Unit Members took advantage of First Aid Certification Training taught by the late Col Lisa Tuggle

**April** No information other than regular meetings

**May**

2 5K on the Runway-Unit cadet and senior members volunteered to support a 5K foot race held on the taxi and runways of the Joplin Airport. We also held an information booth for recruitment efforts

**June**

23 MOWG Encampment Unit Members both attended and volunteered on staff in the Missouri Wing Encampment at Ft Leonard Wood, MO

27 "Celebrate Neosho"-Members volunteered to park cars, presented a T-37 restoration project and manned a recruiting booth at an aerobatic-centered

community event at the municipal airport in Neosho, MO about 15 miles south of Joplin

30 Joint MOKAN Cookout-Members of our squadron hosted a cookout with members of the Kansas Squadron KS802 as our honored guests. Plans were discussed to work closer, especially on giving much needed training to their cadets.

July No information other than regular meetings

## August

18 Cadet Josiah Horn receives Earhart Wing CC; John O'Neill paid our squadron a visit to present the Earhart Award to C/Capt Josiah Horn. Col. O'Neill also presented the Aerospace Education Award which included demonstrations of US with "First Person View".

Illustration 6: C/Capt Josiah Horn and Col. O'Neill.



25 Meteorologist pays unit a visit. Special Guest meteorologist and local TV personality, Ray Foreman gave a presentation on weather situational awareness as part of our Aerospace Excellence Award Program requirements.

## September

5 Mission Air Crew School/ASA. Unit traveled to Ft Leonard Wood, MO to attend a weekend of training. Senior members participated in Mission Aircrew training and airborne instruction while Cadets participated in Aerospace STEM Academy

19 "Alpha Airiest"-Unit volunteered with crowd control and manning a recruitment/fund raising booth at the first air show held in Joplin in over a decade. The event was named after the FOB that sponsored it.

## **October**

16-18 MOWG Conference. Members of our squadron attended the Missouri Wing Conference held in Kansas City, MO where our member Capt. Jered Horn received the Missouri Wing Public Affairs Officer of the Year Award.

## **November**

17 ALPHAK9.ORG-Special Guest, Dude, a Certified Therapy Dog with the help of escort Chaplain Mark Hart; answered questions of dogs like himself are helping curb the suicide rates among veterans

24 School Visit-As community aerospace education efforts, Maj. Ernie Trumbly presented one of his limited edition prints to the 4th grade class at Stapleton Elementary School. These prints represent close to 100 hours of precise scale work.

## **December**

12 Wreaths Across America-Unit members, along with the Patriot Riders, and other dignitaries presented a Wreaths Ceremony at the Veterans Memorial at Mt. Hope Cemetery in Webb City, MO.

## TABLE ROCK LAKE COMPOSITE SQUADRON 147

### CAPT. LIN REDFIELD

#### **January**

- 1-2 Lt Col Dave Ellis, Major Chuck Stone, Major Tom Martin and Captain Bob Redfield attended Region Staff College at Salina, Kansas from December 27 through January 3, 2015
- 1-2 C/MSgt Russell, C/TSgt Lewis and C/SSgt Green attended the Kansas Wing Winter Cadet Encampment during the same time period.

#### **February**

- 5 Group V Search and Rescue Training held at Springfield Library
- 8 Cadets Russell, Lewis, Green and Cummings promoted

#### **March**

- 5 Major Chuck Stone awarded the FAA Wright Brother's Master Pilot  
Major Dave Ellis promoted to Lt Col
- 7 Earthquake Search and Rescue Training held at Branson West Airport on March 7
- 27 TR LCS 147 Awarded the 2014-2013 Quality Cadet Unit Award  
Participated in State Emergency Management Conference

#### **April**

- 6 Lt. Amanda Lewis promoted to Captain, and Cadets Lewis and Cummings promoted
- 14 Members attended Aviation Day in Jefferson City

#### **May**

- 16 TR LCS 147 3rd Annual Cardboard Boat Race and Demolition Derby at Rock Lane Resort in Branson
- 7 SM Meinzen obtained Level 1, C/SRA Cummings was awarded Cadet of the Quarter for 1st Quarter 2015 and 2nd Lt. Anthony Barnum was promoted to 1st Lt. Cadet Cummings promoted to C/SSgt.

## **June**

- 20            Aircrew of Colonel Gene Hartman, Major Lanna Fletcher and Captain Bob Redfield assists FEMA in Flood Assessment
- 20-27        Cadets Lewis, Cummings, Green and Blevins attended Summer Encampment
- Colonel Hartman acted as Director of Activities for Middle East Region Flight Academy

## **July**

- 3             Cadet Logan Blevins was promoted to Cadet Airman

## **August**

- 15            Cadet Lewis was promoted to C/CMSgt and Cadet Cummings was promoted to C/TSgt. 1st Lt. Barnum completed the Mission Pilot Course, 2nd Lt, Yankoviz completed the Intermediate Mission Pilot Course and SM Meinken completed the Scanner Course at NESAs

## **September**

- 15            Orientation rides given by Major Tom Martin and 1st Lt. Barnum for Cadets Cummings and Patterson
- 12            TRLCS participated in joint Missouri-Kansas Search and Rescue Exercise
- Color Guard presented the Colors at the Marine Air Groups Conference

## **October**

- 8             SM Meinzen was promoted to 2nd Lt, Cadet Lewis was promoted to C/CMSgt, Cadet Cummings and Green were promoted to C/MSgt
- 16-18        Twelve members attended the 2015 Missouri Wing Conference and Awards Banquet
- 23-25        TRLCS completed a Search and Rescue Bivouac focusing on detection, location and rescue of a downed aircraft and aircrew

## **November**

- 1 Squadron Roster was completed with statistics and photo of all members
- Captain Greg Lewis was the focus of a lengthy and informative newspaper article, written by the reporter for Stone County Gazette discussing Capt. Lewis' 3 tours in the Persian Gulf.
- 13 Squadron received Aerospace Excellence Award for the 4th time.
- Squadron Communication Achievement .
- 11 Branson Veterans Day Parade. Major Gary Lewis made history by being the first person known to conduct radio check-in and pass traffic with the CAP National Traffic Network and stations in 6 other states while mobile in the CAP van.

## **December**

- 3 Cadets Cummings and Holland completed the Model Rocketry Program and were awarded certificates
- Cadet Taran Fletcher was promoted to Cadet Airman
- 9 The Squadron's 6 Annual Christmas Celebration and Awards Banquet was held at Buckingham's Restaurant in Branson
- Cadet Lucas Lewis was promoted to C/2nd Lt., becoming the first Cadet of Squadron 147 to achieve this honor
- 12 Wreaths Across America Participation

**NCR-MO-155 LECLEDE COUNTY COMPOSITE SQUADRON**

**CAPT. SCOTT MURRELL**

**January**

- 5 Pilots Meeting
- 17 Squadron aircrew training
- 23 Cyber Patroit

**February**

- 2 Pilots Meeting
- 14 National Horse Shoe Pitching Competition – Color Guard
- 20-22 Orientation Rides at Fort Leonard Wood STEM Academy
- 26 Lebanon Cadet Orientation Rides
- 28 Squadron Aircrew Training

**March**

- 2 Pilots Meeting
- 12 Wing Sarex
- 28 Squadron Aircrew Training

**April**

- 5 Pilots Meeting
- 14 Aviation Day at Jefferson City
- 16 Ground Team Training
- 18 Squadron Aircrew/Ground Crew Training

## **May**

- 2 ES training in Springfield
- 4 Pilots Meeting
- 16 Orientation Rides at Fort Leonard Wood
- 16 High School Graduation Color Guard
- 30 Squadron Aircrew/Ground Team Training

## **June**

- 1 Pilots Meeting
- 13 Color Guard at Outlet Mall Flag Day Ceremony
- 13 SAREX at Springfield
- 23 Cadet Orientation Rides Fort Leonard Wood (Encampment)
- 20-27 Cadet Encampment
- 27 Squadron Aircrew Training

## **July**

- 6 Pilots Meeting
- 19 Lebanon Airport Open House
- 25 Squadron Aircrew Training

## **August**

- 3 Pilots Meeting
- 5 Color Guard at Brumley Gospel Sing
- 22 Bivouac at Murrell Farm
- 23 Squadron Aircrew/Ground crew Training

## **September**

- 7 Pilots Meeting
- 11 Veterans Day Ceremony at Lebanon High School (Color Guard)
- 12 SAREX
- 19 Hunger Games Fundraiser at Atchley Park
- 26 Squadron Aircrew Training

## **October**

- 5 Pilots Meeting
- 16 Cyber Patriot
- 31 Squadron Aircrew Training

## **November**

- 2 Pilots Meeting
- 11 Veteran's Day at High School (Color Guard)
- 21 Lebanon Christmas Parade (Color Guard)
- 28 Squadron Aircrew Training

## **December**

- 7 Pilots Meeting
- 11 Cyber Patriot
- 15 Christmas Awards Banquet
- 19 Squadron Aircrew Training

**NCR-MO-160 LAKE OF OZARK REGIONAL COMPOSITE SQUADRON**

**MAJ. BILL DiMARSICO**

**January**

10-11 Unit Commanders Course and Squadron Leadership Course, Sedalia, Mo.

23-25 Encampment Staff Selection, Fort Leonard Wood Mo.

**February**

7-8 TACCOMEX, Sedalia, MO.

13-15 Cadet Leadership School Spring Field, Mo.

**March**

21 Mo Wing PBIT Earthquake Mission, Sedalia, Mo.

**April**

14 Aviation Day, Jefferson City, Mo.

18 SEMA Training (LSA) Sedalia, Mo.

19 SEMA Training (Web EOC), Sedalia, Mo.

24-26 Encampment Staff Training Fort Leonard Wood, Mo.

**May**

1-3 E/S Training St. James, Mo.

8-10 Encampment Staff Training Fort Leonard Wood, Mo.

29-31 ASA, Fort Leonard Wood, Mo.

**June**

6 Commanders Call, Jefferson City, Mo.

12-14 Wings over Whiteman, Whiteman AFB, Mo.

20-27 Missouri Wing Encampment, Fort Leonard Wood, Mo.

20-27 GLR Glider Encampment, Mattoon, Ill.

### **July**

4 Squadron Picnic, Versailles, Mo.

3-18 NESA, Camp Attaberry, Ind.

18-19 E/S Training, Versailles, Mo.

25 CAP/USAF Guided SAREx, Sedalia, Mo.

### **August**

8 TACCOMEx & Group III picnic, Versailles

15 Commanders Call, Lyn, Mo.

### **September**

4-6 ASA, Fort Leonard Wood, Mo.

19 ICUT & E/S Training, Sedalia, Mo.

26 Sedalia Airport Fly-in, Sedalia Mo.

### **October**

3 Apple Festival, Versailles, Mo.

3-4 TLC, Sedalia, Mo.

10-11 Arrow Rock Art Festival, Arrow Rock, Mo.

16-17 Missouri Wing Conference, K.C. Mo.

16 Firearms Training, Versailles, Mo.

22-25 DEREEX, Sedalia, Mo.

**November**

1 O-Flights, Sedalia, Mo.

11 Veterans Day Iberia School

13-15 ASA, Fort Leonard Wood, Mo.

28 SAR-Ex, Versailles, Mo.

December Group III Annual Awards Dinner, Versailles, Mo.

## APPENDIX II

### 2015 Missouri Wing Squadrons

- **NCR-MO-104 - GROUP ONE**
  - NCR-MO-023 - Harry S. Truman Composite Sq.
  - NCR-MO-036 - Pony Express Composite Sq.
  - NCR-MO-126 - Lees Summit Composite Sq.
  - NCR-MO-129 - Kansas City-Charles R. Long Senior Sq.
  - NCR-MO-140 - Platte Valley Composite Sq.
  - NCR-MO-149 - Cass County Comp Sq.
  - NCR-MO-159 - Grain Valley Composite Sq.
  
- **NCR-MO-032 - GROUP TWO**
  - NCR-MO-005 - St Louis Composite Sq.
  - NCR-MO-084 - River City Composite Sq.
  - NCR-MO-089 - Northeast Missouri Composite Sq.
  - NCR-MO-110 - Wentzville Composite Sq.
  - NCR-MO-111 - Gateway Senior Sq.
  - NCR-MO-127 - Trail Of Tears Composite Sq.
  - NCR-MO-144 - Pegasus Composite Sq.
  - NCR-MO-151 - Bootheel Comp Flight
  
- **NCR-MO-102 - GROUP THREE**
  - NCR-MO-009 - Sedalia Cadet Sq.
  - NCR-MO-018 - Central Missouri Composite sq.
  - NCR-MO-117 - Saline County Composite Sq.
  - NCR-MO-119 - 119th East Central Composite Sq.
  - NCR-MO-160 - Lake Ozark Regional Composite Sq.
  - NCR-MO-139 - Warrensburg Senior Flight
  
- **NCR-MO-135 - GROUP 5**
  - NCR-MO-070 - Springfield Regional Comp Squadron
  - NCR-MO-143 - Col Travis Hoover Composite Sq.
  - NCR-MO-147 - Table Rock Lake Composite Sq.
  - NCR-MO-155 - Laclede County Composite Sq.
  - NCR-MO-153 - Fort Leonard Wood Comp Sq.

## **APPENDIX III**

### **List of Contributors**

Below is a list of members that contributed to the creation of this document

Aubuchon, Steve

DiMarsico, Bill

Fuller, Randy

Fuller, Mary

McCrary, Michael

Melugin, Todd

Miller, Robert

Murrell, Scott

Recklein, Danny

Redfield, Lin

Sakabu, Clay

Sander, Bill

Williams, Marsha

Workman, Perry

## APPENDIX IV

### 2015 Missouri Wing Award Recipients

Aerospace Education Officer.....	Maj Ernest R. Trumbly
Aerospace Education Cadet.....	C/SSgt Lennon K. Carlson
Brewer-non-member.....	Cape Aviation
Brewer-Senior Member.....	Lt Col William E. Sander
Cadet Jr Officer.....	C/1st Lt Justin A. Smith
Cadet NCO.....	C/CMSgt Katherine Jenkins
Cadet Officer of Year.....	C/Lt Col Caleb J. Couture
Cadet Programs Officer.....	1st Lt James T. Godar
Cadet/Composite Squadron.....	Harry S. Truman Composite Sq
Character Development Instructor.....	Capt Jack L. Gray
Communications Officer.....	Maj Gary M. Lewis
Historian.....	Capt Linda A. Redfield
Incident Commander.....	Maj Thomas J. Martin
Otradovec Award Lifetime Achievement .....	Col Gene D. Hartman
Property Manager.....	Capt Bobby W. Redfield
Public Affairs Officer.....	Capt Jered M. Horn
Safety Officer .....	Maj Mary A. DiMarsico
Senior Member of the Year.....	SMSgt Robert A. Miller
Squadron Chaplain.....	Lt Col Mark W. Lenneville
Torch Award for Cadet Membership.....	Col John R. O'Neill

## John E. Otradovec Lifetime Achievement Award

John E. Otradovec was born in 1936, Bolivar, MO and died in 2007, St. Charles, MO. He received a BS in electrical engineering from the Finlay Engineering College in Kansas City, MO in 1956 and worked for Boeing for 42 years. He was a 50 year member of the Civil Air Patrol leaving a legacy of selfless service to CAP and his community as a squadron commander, pilot, certified Airframe and Powerplant mechanic and FAA licensed Aircraft Inspector.

Lt Col Otradovec devoted hundreds of hours impeccably maintaining the wing's aircraft fleet, saving the Missouri Wing hundreds of thousands of dollars in maintenance fees. His commitment, expertise and leadership were powerfully demonstrated during the 1993 floods when he, along with a team of three other mechanics, worked seven days a week to keep the fleet of more than 30 aircraft mission capable during the flood emergency.

Forever interacting with others in the way he, himself, wished to be treated, Lt Col Otradovec was the consummate professional who mentored other squadron commanders through CAP regulations and military protocol. When He spoke, others listened assured that he was providing only valued information. Being a genuinely humble man, John notoriously declined opportunities for assignments to higher positions in order that he might better serve the wing in a capacity which he felt was more useful. His positive attitude, work ethic and selflessness earned the respect of all who had the privilege of serving with him.

The Missouri Wing has established the *John E. Otradovec Lifetime Achievement Award* to recognize senior members of the Missouri Wing who, like Lt Col Otradovec, have stepped forward to serve CAP in any capacity asked of them. They are members who have given conspicuous, consistent and sustained service and leadership to their squadron, group and wing for a number of years.

With the reception of this award comes induction into the **Missouri Wing Hall of Fame**. Those members are:

- 2008 Lt Col Dan Ranson
- 2009 Col Emmit Williams
- 2010 Lt Cols Randy & MaryFuller
- 2011 Lt Col Gene Rugh
- 2012 Maj Jim Chevalier
- 2013 SMSgt Mike Mudry
- 2014 Lt Col Bill Sander
- 2015 Col Gene Hartman

Illustration 7: Colonel Gene Hartman and Colonel John O'Neill, Missouri Wing Commander



## **APPENDIX V**

### **List Of Supporting Documents**

<b>NO.</b>	<b>TITLE</b>
1	2015 Annual Award Winners
6	Missouri Wing Hall of Fame
10	About Us Pathfinders
50	2015 Missouri Wing Squadrons