

## Another 1st for our

**Chapter**—In a small ceremony on April 24th Chapter President Ernie Kelly and Board Member Chris Cook presented our chapter's first Air Academy full Scholarship to Jerad Lewark of Midland, GA.

Most of us have come to know Jerad from his participation in the Young Eagles Program. Jerad's father told Hangar 13 News that "Jerad's favorite day of the month is the last Saturday...he never forgets!"

Jerad attends Calvary Christian School, where he's been a straight "A" student since kindergarten. He is a member of Boy Scout Troop 169 and in March of this year was awarded the **Arrow of Light**, the highest honor in Cub Scouting.

Jerad's father Jerald commented after the scholarship was presented. "Tracy [Jerad's mother] and I appreciate all the EAA volunteers who have given sacrificially of their time, energy, and resources to encourage the love of flying in children."

## About EAA Young Eagles Camp

The EAA Young Eagles Camp is designed as an introduction to the wonderful world of aviation. This program uses small group activities and close counselor relationships to present the



### Air Academy Scholarship

THIS IS TO CERTIFY THAT  
THE EAA YOUNG EAGLE'S CAMP  
2012 SCHOLARSHIP  
IS AWARDED TO

**Jerad Lewark**

Presented  
April 24, 2012



Chattahoochee Valley EAA Chapter 677  
Experimental Aircraft Association  
Columbus, Georgia (KCSG)



basics of flight in a "science camp" format that is a unique combination of fun and discovery. Activities at the EAA Young Eagles Camp are designed to interest and challenge 12 and 13 year olds and include: Learning how balloons fly, Aeromodeling, Rocketry, Aviation history and flight

Jerad will attend the Young Eagles Camp at the Air Academy in Oshkosh Wisconsin from July 5 through July 9.



## “Goosing” Our Results by Working as a Team

If you didn't know, there are several very good reasons why geese, and many other breeds of migratory birds, use the V formation. A quick “Google” of why geese fly in a V formation yielded LOTS of options, so I went with the Library of Congress' version

(<http://www.loc.gov/rr/scitech/mysteries/geese.html>). It focuses on only two reasons for migrating in formation.

“First, it conserves energy. Each bird flies slightly above the bird in front of him, resulting in a reduction of wind resistance. The birds take turns being in the lead of the V, falling back when they get tired. In this way, the geese can fly for a long time before they must stop for rest. The authors of a 2001 *Nature* article stated that pelicans that fly alone beat their wings more frequently and have higher heart rates than those that fly in formation. It follows that birds that fly in formation glide more often and reduce energy expenditure (Weimerskirch, 2001).

“The second benefit to the V formation is that it is easy to keep track of every bird in the group. Flying in formation may assist with the communication and coordination within the group. Fighter pilots often use this formation for the same reason.”

If you have participated in even a few events with EAA 677, you probably noticed that “the lead” rotates among a variety of members, as each one's expertise or experience is

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### Chattahoochee Valley EAA Chapter 677

P. O. Box 325  
Columbus, GA 31902-0325

Visit our website at  
<http://677.eaachapter.org>  
and on Facebook

#### President

Ernie Kelly  
706-580-3767  
[Ernie.kelly@gmail.com](mailto:Ernie.kelly@gmail.com)

#### Vice President

Gary Brossett  
706-615-6964  
[brossett@bellsouth.net](mailto:brossett@bellsouth.net)

#### Secretary/Treasurer

Dianne Preston

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Chris Cook  
Marty Flournoy  
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Dennis Lanier  
Vernon Prater  
Leroy Story



needed. After making their contribution, they move back in the formation and rest a bit, supporting the efforts of the group, keeping watch on the progress, and getting ready to move forward again when required. It's very much like the V formation.

It's efficient and effective, but it demands a great deal of trust on the part of the entire membership, and it requires a higher level of participation than if we were to follow the more prevalent 80/20 rule that says 80% of the decisions and work are done by only 20% of the group.

In the V formation, the entire group suffers when one participant quits contributing, even if that individual doesn't hold a "leadership" position. The reason is simple: everyone is a leader for part of the time, and those who follow provide aerodynamic benefit to the bird on point in much the same way a pair of racing cars (or string of them) in tight draft is more aerodynamically efficient than a single car pushing through the air alone.

We have already accomplished more working as a team than we have in years: a huge fundraiser during the air show, record-setting Young Eagles in April, sending our first Young Eagle to Oshkosh, and more.

Let's keep the formation tight through the summer and set our sights on the goals of a great year of Young Eagles, getting into Hangar 13, and at least one fly-out as a group. We'll be a lot more efficient and we'll have a bunch of fun for a lot less effort than if we all work alone.

**Ernie**

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## WANTED

Your pictures and stories

Airport pictures, both on the ground and from the air  
Airport stories, past and present

Send in your aviation stories and pictures to [Hangar 13 News](#)



## Young Eagles Gallery– April 28



**10 for 2012**

Chris Cook  
George Wade  
Jack Bartholet  
Ernie Kelly  
Mac Molnar

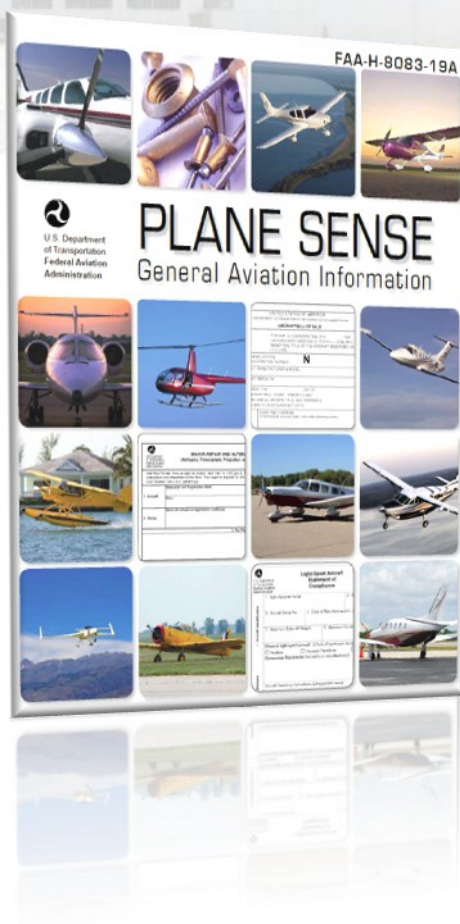


**Another for  
the record book!**

We flew 64 Young Eagles,  
shattering the previous record  
of 46 set February 2011



# Maintenance



## Plane Sense FAA-H-8083-19A

An absolute must read for aircraft owners and future owners. Loaded with information to get you started in aircraft ownership. Chapters include:

1. Aircraft Owner Responsibilities
2. Buying an Aircraft
3. Airworthiness Certificate
4. Aircraft Registration
5. Special Flight Permits
6. Light Sport Aircraft
7. Aircraft Maintenance
8. Airworthiness Directives
9. Service Difficulty Reports
10. Obtaining FAA Pubs and Records

### EXCERPT:

Aircraft records maintained by the FAA are on file at the Mike Monroney Aeronautical Center in Oklahoma City, Oklahoma. Copies of aircraft records are available for review in CD format or paper. For information on ordering and costs, contact the FAA Civil Aviation Registry Aircraft Registration Branch (AFS-750). Copies of aircraft records may also be requested online. Visit [www.faa.gov](http://www.faa.gov) and select the "Aircraft Registration" link.

Participation in the WINGS Pilot Proficiency Program just got easier!  
For information about Quick WINGS, click this link



**Orville Wright**  
You Are Working on **Basic** - Phase 1

Choose Your Category

The WINGS program requires that you complete 4 Knowledge credits and 3 Flight credits.  
Your WINGS Checklist below shows you what you need to do to complete your Basic - Phase 1.

- Want different Knowledge Activities? Search for others on your *My WINGS* page.
- Flight Activities are not appropriate? Go to your *WINGS Profile* to change them.

Print this WINGS Checklist using your browser print function.



**AIR SHOW!**

FEATURING  
THE BLUE ANGELS

★ ROBINS AFB  
GEORGIA

**APRIL 28-29, 2012**

**FREE AND OPEN TO THE PUBLIC**  
GATES OPEN 10 A.M.; SHOW STARTS AT 11:30 A.M.

See Party Wagstaff, Commemorative AF Red Tails Squadron, Liberty Jump Team, Kyle Franklin's Super Cub, Sky Soldiers, School Time Jet-Powered Bus, and more.

More information: [www.robins.af.mil/airshow](http://www.robins.af.mil/airshow), 478-222-7469  
Acts subject to change

Special Appearance by the USAF F-22 Raptor

## *Robins AFB Air Show— April 29*

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## ***This Month in History***

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### **May 1986—**

Pioneer Airport, which is located directly behind the EAA Aviation Center, is created to capture the spirit of the early pioneers of flight — the barnstormers.

The "barnstormers" fly some of the EAA Aviation Foundation's collection of antique aircraft.



### **International Learn to Fly Day**

**May 19, 2012**

Where: Flightways Columbus

When: 9 am to 2 pm

Join us as we introduce interested adults to aviation. Bring your non-flying friends! Auburn University Aviation, Embry-Riddle Aeronautical University and Skyline Columbus will be there to answer questions.



### **Looking for an excuse to go flying?**

Take up AOPA's Keep 'em Flying Challenge, a new time-bound contest to get you in the air between April 1 and July 31. Challenge Steps:

- Complete an Air Safety Institute online course;
- Fly at least five hours; and
- Fly in an aircraft serving as pilot in command to five airports or destinations that are more than 50 nautical miles from the immediately preceding departure point.

Register to take the challenge at <https://www.aopa.org/forms/KeepEmFlying/action/>  
Somewhere to fly? See the Georgia EAA Chapter map on page 8



## Around the State

### Georgia Pancakes

**EAA 690**  
**Lawrenceville (LZU)**  
1st Sat, 8-10:30

**EAA 709**  
**Rome (RMG)**  
2nd Sat, 8-10:30

**EAA 1082**  
**Moultrie (MGR)**  
2nd Sat, 9:30-10:30

**EAA 354**  
**Dawson (16J)**  
3rd Sat, 7-10:00

**EAA 1025**  
**Covington (9A1)**  
3rd Sat, 8:30-10:00

**EAA 1350**  
**Lagrange (LGC)**  
3rd Sat, 8-10:30

**The Thomasville Fly-in**  
45th annual  
Oct 12-14, 2012  
Thomasville (KTVI)



**RAFFLE**  
**Vintage Day**  
AMERICAN AIRWAYS  
PASSENGER - MAIL - EXPRESS

**Saturday - June 2, 2012**  
**Candler Field Museum**

**9 AM - 4 PM**  
**Full Schedule of Events**

**RAFFLE**  
**Shotgun & Spa Package**

**Breakfast- 9 AM**  
**S.O.S. and Spam**  
**Lunch- 11 AM**  
**BBQ, Hamburgers & Bräts**

**Cake Walk**

**Kids Games**

**Vintage Cars**  
**Vintage Aeroplanes**  
**Vintage Sights and Sounds**  
**Entertainment**

**FREE ADMISSION- PARKING \$2**

**Win a Biplane Ride**

**Peach State Aerodrome**  
349 Jonathan's Roost Rd.  
Williamson, GA 30292  
770-227-9989

**Breakfast or Lunch at Barnstormer's Grill**

**FLY IN or DRIVE IN**

# Advertising



## Want to reach the Chattahoochee Valley Aviation Community?

We're making space available in our newsletter to help you do just that! See the special sizes and rates listed on this page. If you prefer a half or full page ad, please contact the [editor](#) for pricing.

Your ad may be entered here on the ad page or weaved into the content on other pages at the discretion of the editor.

Contact the [editor](#) for more information or to place your ad.

### Business ad 3-1/2 x 3-1/2"

\$2 per month  
or  
\$20 per year

### Standard business card ad 2 x 3-1/2"

\$1 per month  
or  
\$10 per year