



Hangar 13 News

Chattahoochee Valley EAA Chapter 677

Columbus, Georgia

Est. 1979

2012 in Review

January—We ushered in the new year with “The Joy of Soaring,” a presentation by Lane Bush, CFGI, of the Rose City Soaring Association. Our first Young Eagles Rally of the year brought 37 new Young Eagles to start a record year. Chris Cook and George Wade became our first members to achieve the distinction of “10 for 2012.”

February—We officially changed the name of our chapter from West Central Georgia EAA to the Chattahoochee Valley EAA Chapter 677. Jack Bartholet and Ernie Kelly joined the “10 for 2012” club. Chris Cook flew his 100th Young Eagle mission and was also recognized by EAA headquarters as the top Young Eagles Flight Leader in the World, having flown the most Young Eagles in the month.



having flown the most Young Eagles in the month.

March—Our very own Debbie Morris brought home the Gold at the Skills USA competition in the aviation maintenance category, earning her the honor of representing Georgia at the national completion. We hosted our 2nd Annual “Meet the Air Show Performers” BBQ just before the Thunder in the Valley Air Show. Chuck Goodrum’s BBQ was a hit with the crowd and President Ernie Kelly served as the MC for the event. Guest speakers included Team RV members Mike “Kahuna” Stewart & Jerry “Widget” Morris, the Super Hornet Tactical Demonstra-

tion Team, Mark Sorenson (Tiger Air Shows), and Jerry McCart (Glory Days Jet Dragster). Chapter shirts were seen all over the airfield during the show, as chapters members filled a number of volunteer positions. Several chapter members were the guests of Team RV, flying with them during a practice session before the big show, an experience none will soon forget. Performers Gary Ward, Greg Connell, and Team RV signed autographs and enjoyed the shade and hospitality of our chapter booth during air show.



tion Team, Mark Sorenson (Tiger Air Shows), and Jerry McCart (Glory Days Jet Dragster). Chapter shirts were seen all over the airfield during the show, as chapters members filled a number of volunteer positions. Several chapter members were the guests of Team RV, flying with them during a practice session before the big show, an experience none will soon forget. Performers Gary Ward, Greg Connell, and Team RV signed autographs and enjoyed the shade and hospitality of our chapter booth during air show.

April—Our first EAA Air Academy Scholarship was presented to Jerad Lewark of Columbus. Jerad had become a regular Young Eagles participant known to all the chapter membership. Our Young Eagles rally set the first of many records for the year. Sixty-four Young Eagles took to the air, shattering the daily attendance record set in February 2011. Mac (Doc) Molnar became our 5th Flight Leader to achieve “10 for 2012” during the event.



tion Team, Mark Sorenson (Tiger Air Shows), and Jerry McCart (Glory Days Jet Dragster). Chapter shirts were seen all over the airfield during the show, as chapters members filled a number of volunteer positions. Several chapter members were the guests of Team RV, flying with them during a practice session before the big show, an experience none will soon forget. Performers Gary Ward, Greg Connell, and Team RV signed autographs and enjoyed the shade and hospitality of our chapter booth during air show.

May—We hosted our first International Learn to Fly Day on May 19th. The event was well received by members of the community and we were recognized by visiting FAA Safety Team Program Managers for our hospitality. Our

2012 in Review cont...



monthly rally was another for the record books, shattering yet another record with 68 Young Eagles on the day. Ken Sines returned to the air,

David Hall achieved “10 for 2012,” and Art Sweeten’s photo plane made its debut. We actually had a mom drive 90 miles, from Powder Springs, to bring her boys to the rally. To cap off the month, we signed the long awaited hangar use agreement with the airport authorities and accepted the first paid advertising in our newsletter.

June—May’s Young Eagle record was short lived when we flew 70 at June’s rally. Ken Sines, Phil Johnson, and John Walden joined the “10 for 2012” group and we exceeded the 2011 year’s total for Young Eagles flown.

July—Jerad returned from the Air Academy and gave a outstanding presentation to the membership, complete with tri-board, photos, and projects from the academy. Mac (Doc) Molnar completed his 100th Young Eagle mission.



Ken Garbacik returned from Air Venture and his 2nd annual Oshkosh photo scrapbook graced the Hangar 13 newsletter pages for everyone’s enjoyment. Rocket Rick became our high flyer for the month when he snapped an altimeter shot at FL510.

Marty Flournoy competed in the 10th FAI World Aerobatic Championships in Nyiregyhaza, Hungary. Marty flew his Giles G-202 for a 21st overall standing in the competition.



(photo by Laurie Zalenski)



August—We paused to say farewell to our friend George Wade. George was a fixture at the Columbus Airport and in our chapter for many years and will be missed.

September—The Young Eagles rally was another single event record with 79 Young Eagles flown. Thomas Moore and Debbie Morris added their names to the “10 for 2012” Flight Leader’s list.

October—Jack and Deanna Bartholet attended the Cardinal Flyers (CFO) convention in Batavia, Ohio. Jack gave a slide show presentation at our November chapter meeting. Daniel



Jones became the 12th member to achieve “10 for 2012” just moments before Ken Sines flew our 500th Young Eagle of the Year.

November—Chapter elections were held and a first attempt was made and patching the hangar roof.

December—Our chapter turned 33 years old and we closed out the year with the Young Eagles Rally Finale on the 29th. Plenty of volunteers, but the weather kept the Young Eagles away. It was a bit breezy, but we flew 9 Young Eagles and finished of the record year with 538.

What a year!



President's Desk



A Blank Sheet in Front of Us and a Pen in our Hands...

Gary has done a remarkable job chronicling our success last year and in the years before.

The challenge before us as we look ahead is to

frame what Gary will be putting in the *Hangar 13 News* this time next year. We have a blank sheet in front of us, a pen in our hands, and a pretty good idea of the opportunities ahead:

Meetings on Thursday nights in 2013

At the request of board member, flight leader, and general good guy Dr. Mac Molnar, our 2013 Chapter meetings will be on the last THURSDAY night of each month. Our first will be January 31. Let's have record attendance AND PLEASE BRING YOUR CHECKBOOKS TO PAY DUES! \$40 for full membership; \$50 for family membership; \$20 for students or seniors 65 and older.

Young Eagles Rallies the last Saturday of each month

We carried a record number of Young Eagles in 2012 – nearly 540 if memory serves. What goal do we set for 2013? 600? 650? How ambitious are you?

Eagle Flights as they present themselves

The benefits of sharing the joys of general aviation flight with an adult audience – including YE parents – are just beginning to be seen. Keep spreading the word. Contact Steve Culpepper if you have a prospect, and he'll find a pilot for you.

Thunder in the Valley Air Show March 16 and 17

Thunder not only has become our biggest fundraising opportunity, it is also our single best opportunity to partner with one of the other large

benefactors to youth in the Chattahoochee Valley. In 2013, the show donated \$48,500 to deserving youth organizations in our community. Phaedra Childers is on our board and has LOTS of volunteer opportunities for us. We'll talk about them at our January 31 meeting.

Fund Raisers in 2013

Speaking of fundraising, here are some opportunities from which to choose for 2013:

Parade of Planes from CSG to the Landings to build awareness of EAA and sell tickets to TITV. I'll have a report during our meeting.

Meet the Air Show Performers dinner before TITV lets us generate funds and fun.

EAA 677 Air Show Raffle was very successful last year at very little cost.

International Learn to Fly Day

If it happens, it's May 18. There is conjecture Eagle Flights have supplanted ILTFD. I've got a message into HQ. I'll keep you posted.

Fly-outs For Fun and Food

The nearly spontaneous, but very successful, trip to Peach State made it clear we'll never go anywhere if we try to build consensus first; so we're going to make some calls a few weeks ahead of time and invite everyone to fly to some fun Southeastern destinations for lunch and maybe an overnight here and there.

Finish the Hangar

We are so close, but we really can't declare success until we get the roof done. Watch for that opportunity very soon. (This may include a fundraiser as well!)

There's much more to consider, but I'm out of space. I look forward to working with all of you in 2013! Hope to see you January 31!

Ernie

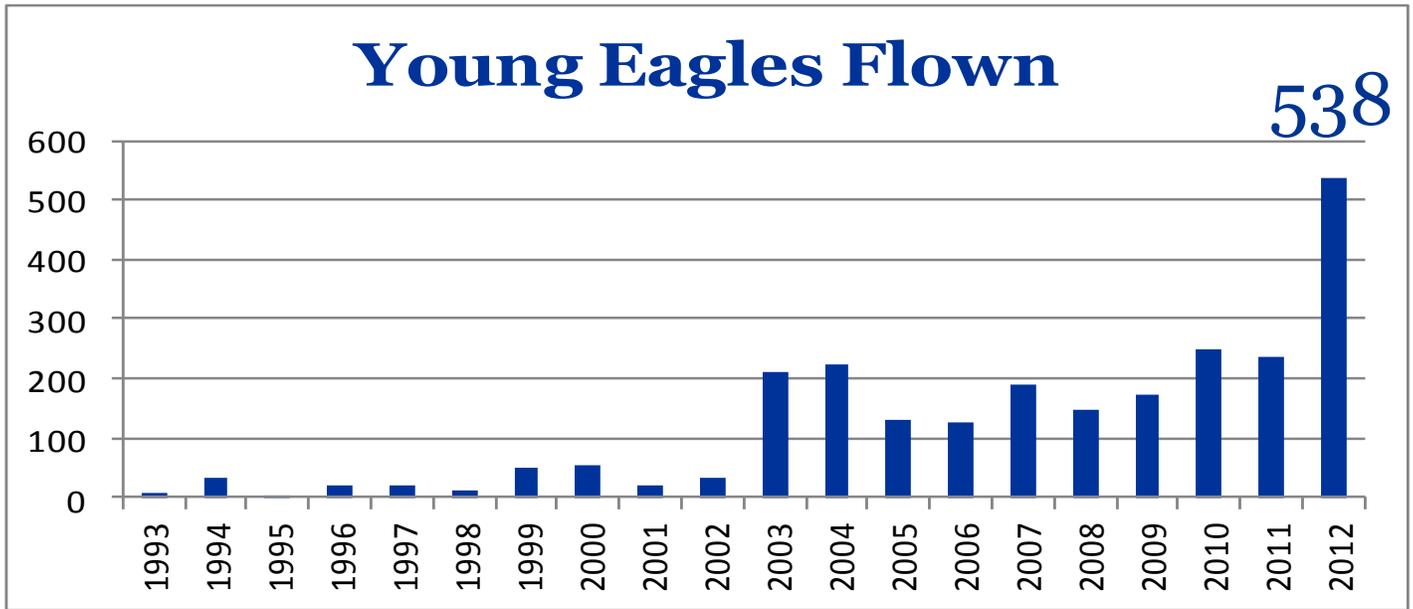
Young Eagles Gallery– Dec 29





10 for 2012

Chris Cook
 George Wade
 Jack Bartholet
 Ernie Kelly
 Mac Molnar
 David Hall
 Ken Sines
 Phil Johnson
 John Walden
 Thomas Moore
 Debbie Morris
 Daniel Jones





**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

Vice President/Editor

Gary Brossett
706-615-6964
brossettg@bellsouth.net

Secretary/Treasurer

Dianne Preston

Chapter Board

Chris Cook
Marty Flournoy
Mac Molnar
Phaedra Childers

Property Manager

Marty Flournoy

**Young Eagles
Coordinator**

Ken Sines

Eagle Flight Coordinator

Steve Culpepper

Webmaster

Chris Cook

**Membership
Coordinator**

Daniel Jones

Past Presidents

Todd Shellnutt
Glenn Mathews
Reginald L. Benford
Steve L. Wurst
Earnest A. Shelton
Richard Blevins French
Dennis Lanier
Vernon D. Prater
Leroy Story
Ronda H (Bud) Schuman

Editor's note

In this issue we continue our tradition of "The Year in Review," including a Young Eagles collage and issue cover shots. It's important we take a look at the year's activities and our chapter accomplishments, especially seeing the year seems to have flown by.

As Hangar 13 news enters it's 3rd year you'll see some slight changes to this edition. In the spirit of continuous incremental improvement and in an attempt to bring more value to readers, were making some changes.

Throughout this and coming issues, hyperlinks will be provided to locate additional information on the internet. Any underlined text found in the newsletter is a link. Be sure to mouse over photos, clipart and graphics as they may be links as well.

We've also added contributors to the newsletter. Event Coordinator Phaedra Childers will be providing the monthly *Thunder in the Valley Update*, so we can follow the countdown and prepare for the big show. Dr. Linda Campbell, Director of Academic Support for ERAU's Columbus Campus joins us in *From the Director*. Master CFI Todd Shellnutt joins us in *From the Right seat*, providing information on flying technique and safety.

Less noticeable, we've moved the margins out to allow additional content in each issue. Speaking of more content, please make it a point to provide some information to share with the chapter this year. We would love to include pictures, narrative or commentary on your aviation related experiences.

Chapter Calendar

Jan 26th @ 8:30 am—Young Eagles Rally at Flightways Columbus

Jan 31 @ 7 pm—Chapter meeting at Flightways Columbus

Mar 14—Meet the Air Show Performers dinner

Mar 16-17—Thunder in the Valley

May 18—International Learn to Fly Day

Hangar 13 News is published by Chapter 677 of the Experimental Aircraft Association (EAA) for the use, education and enjoyment of Chapter members and others to whom it is provided. No claim is made for the accuracy of materials presented. Editorial content is the opinion of the contributor and does not necessarily reflect the position of Chapter 677 nor EAA. Submissions for publication, questions or comments on articles, etc. are encouraged and should be addressed to: Gary Brossett at brossettg@bellsouth.net Permission for other EAA Chapters to use the non-copyrighted portions of this publication is hereby given as long as the source is acknowledged. Any copyrighted material that appears in this newsletter is with the permission of the acknowledged copyright holder. Any further copying must obtain the permission of the original copyright holder.

2012 Review



2011 in Review

January/February—The year began with record turnouts for Young Eagles flights, with 43 in January and 46 in February.

March—Our first annual pre-airshow event kicked off the airshow season with guest speaker Patty Wagstaff. 112 members and guests enjoyed an evening of hangar flying and wings. Chuck Goodman and crew prepared a variety of wings that were enjoyed by all.

April—A change in leadership brought Ernie Kelly to the helm as chapter President and Gary Brossert as Vice President.

May—We joined forces with Skyline Columbus to host International Learn to Fly Day.

June—We said goodbye to Lynn Hall and wished him all the best on his move to Washington, DC. Lynn was an active member and Technical Counselor for the chapter.

July—With the support of EAA and the Peter Burger Chapter Fund we launched the chapter website at <http://677.eaachapter.org/>. This month also saw the inaugural issue of Hangar 13 News (See page 9 of this issue for a recap). The Young Eagles Rally was one for the record book. President Ernie Kelly, in Keith Owen's Warrior, flew 24 Young Eagles.

September—We toured Hangar 13 and entered negotiations with airport leadership to occupy the north side offices and shop space.

October—Joel Jones treated the chapter to inflight flights in his beautiful WindSprint. Aeronaut Raven hot air balloon. Member Rick Bellinger presented a slide show on his trip to the International Hot Air Balloon Festival in Switzerland.

December—We finished off the year on December 31 with 13 Young Eagles flights, bringing the chapter total to 246 for 2011 (page 4).

Hangar 13 News

Volume 2 Issue 1

- 2011 in review
- A New Year and a New Born Baby
- Thunder in the Valley line up



The Joy of Soaring—CFG Lane Bush of the Rose City Soaring Association was the guest speaker at our January 31 chapter meeting. Lane shared his love and excitement for soaring to a packed house. The association, based in Quitman, GA, operates two Schweizer 2-22A trainers, a Schweizer 1-26 and Schleicher Kelfis.

The seminar was loaded with information, providing an excellent introduction to soaring and participants also received WINGS Pilot Proficiency Program credit. Lane walked us through launch at the end of a 200ft tow line behind a C-180, thermalling, soaring, landing and certification requirements. Our group of powered plane pilots were amazed to hear that the Rose City Soaring Association's record for time aloft currently stands at 6 hours and 25 minutes.

Just before release of this month's newsletter, we learned that Lane was recognized as the Most Active Instructor in Region V (TN, NC, SC, GA, AL, MS, & FL) during the General Meeting of the Soaring Society of America this month.

Check out Rose City Soaring Association's site at <http://rosecitysoaringassociation.com/>

Learn more about soaring in the Glider Flying Handbook FAA-H-8083-13 (50MB) available for download at: http://www.faa.gov/library/manuals/aircraft/glider_handbook/

Hangar 13 News

Volume 2 Issue 2

- The Joy of Soaring
- Godspeed John Glenn
- Air Show season begins



Debbie brings home the Gold!

While we were prepping for Thunder in the Valley, our own Debbie Morris (EAA 100743) was bringing home a 1st Place win in the 2012 State Leadership and Skills Conference at the Georgia International Convention Center.

The event held by SkillsUSA Georgia met March 15-17th. Debbie competed in the aviation maintenance category, representing the South Georgia Technical College, where she is a student. Aviation Maintenance Department Chair, Mike Cochran told Hangar 13 News that they are all extremely proud of Debbie's accomplishment.

She completed eight tasks, which involved tubing construction, engine part identification, sheet metal work, electrical troubleshooting, in-gate repair, regulations, propellers, precision measurements, and safety wiring. Debbie will represent her school and the state of Georgia in the national competition in Kansas City Missouri, June 24, head to head with the top winners from every state.

She completed eight tasks, which involved tubing construction, engine part identification, sheet metal work, electrical troubleshooting, in-gate repair, regulations, propellers, precision measurements, and safety wiring. Debbie will represent her school and the state of Georgia in the national competition in Kansas City Missouri, June 24, head to head with the top winners from every state.

Thank You to all the chapter volunteers that made the 13th Annual Thunder in the Valley air show an event to be remembered. Chapter shirts were all over the airfield, from Skyline Columbus on one end to the Hoey rides on the opposite end.

Hangar 13 News

Volume 2 Issue 3

- Debbie brings home the Gold!
- Flying in tight formation
- Thunder in the Valley photos



Dusty Logbooks

After reading Jeff Skiles' Looking through My Logbooks, in the March issue of Sport Aviation, I gave some thought to the subject of logbooks. In my closet I have an old book case where I store copies of Sport Aviation and Vintage Airplane. Among other items, this has also become the resting ground for some rather dusty logbooks. There seems to be no shortage of them. At one time I must have thought I would organize them, because there they were, stacked smallest down to largest on a shelf. The smallest set up tips to my youngest daughter's little blue and white logbook she received at Kid Ventures in 2009. Just below that I found my older daughter's logbook she used at the EAA Air Academy in 2006. Below them I found my wife's log, I think one we picked up somewhere and then my father in law Ray's logs.

Jeff's walk through his logbooks inspired me to take a little historical walk myself. Most of the dusty logs on my bookshelf and the one in my flight bag don't provide much historical perspective, so I sat down and explored Ray's logs. Ray (EAA 104926, AC 1865, IAC 10001) introduced me to EAA in 1990. I had thumbed through a few issues of Sport Aviation at his house in '89 and found them an interesting read, so when he suggested I join him for the big show in Oshkosh the summer of 1990, I jumped at the chance. I lack the literary skills to describe the experience here.

Back to dusty logbooks...

Ray's first logbook was an Air Associates, Inc. No. LP24 Pilot Log. His first entry dates 27 April 1950 at the Chicago Meigsfield Base, where his instructor wrote "familiarization, straight and level, medium turn" in a Piper Cub N30206. I took my time reading through the first few pages of instructor comments and entries, even taking the time to check some of the registrations on the FAA website. On his 109th flight his instructor wrote "spins, stalls—approach, normal, full power on & off." Not sure if they just discussed spin avoidance or what. The 118th flight at 7 hours, 5 minutes the instructor endorsed him for solo flight with the very brief entry "OK for Solo." Jeff mentioned in his story that early pilots made their logbook entries in hours and not (p.3)

Hangar 13 News

Volume 2 Issue 4

- Dusty Logbooks
- Truly Sharing "The Spirit of Aviation"



Another 1st for our Chapter—In a small ceremony on April 14th Chapter President Ernie Kelly and Board Member Chris Cook presented our chapter's first Air Academy full Scholarship to Jerad Levank 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 165 and in March of this year was awarded the Arrow of Light, the highest honor in Cub Scouting.

Jerad's father Jerad 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."

Air Academy Scholarship

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

holders 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, Aeromodelling, Rocketry, Aviation history and flight.

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

Hangar 13 News

Volume 2 Issue 5

- Academy Scholarship
- "Goosing" our Results
- Robins AFB Air Show photos



Homebuilding at its Best!

Art Sweeten introduced his latest project, a Young Eagles photo plane, at last month's Young Eagles rally and it was an immediate hit with the kids.

Art credit's past president Todd Shullert for the idea of a chapter photo plane. He said an idea for a plane built aircraft was scrapped, based on the estimate of price, at a time when the chapter just couldn't afford a project. Not giving up on the idea, Art went to work on his own design.

The list of building materials for the project reads more like a honey-do list around the house than an aircraft project. Art is quite the craftsman, so he worked with a number of materials in the development of the aircraft. Cardboard, plastic, balsa body filler, paper mache, fiberglass, and a waste basket (yes, a waste basket).

See photos of the build and completed project in this issue and be sure to admire Art's craftsmanship at our next Young Eagles Rally on June 30. Look for the line of smiling kids.

Art set up a paint booth in his garage and sprayed two coats of exterior primer, two coats of latex white gloss exterior paint and trimmed it with burgundy accents.

Art spent approximately 150 hours building the project over the past 10 months, but admits that the trial and error method of design added time.

The fuselage is wood and the wings

Hangar 13 News

Volume 2 Issue 6

- Homebuilding at its best!
- Some things are worth paying for
- ILTFD

2012 Review cont...

Building Gee Bees and other wastes of time...

About November of last year I saw an internet post in an aviation related news-group I have watched for years. A fellow member requested that the content of a panel mount radio of some sort. Another user responded and the original fellow posted a picture of a beautifully made instrument panel about an hour later. I asked if he had hand cut the thing that fast and he responded, "I cut it out on my homemade CNC router". This and a video I saw on YouTube sealed the deal...I was about to waste a bunch of time building something that may not ever make me a dollar, and keep me busy from all of other things on my to-do list. **Good thing!** This "thing" was a big table-top automated router that was going to keep my wife from ever parking in our garage again, but happily was going to assist I could make airplane parts as accurate as Cessna (though it's slow). Even being 20-30% more accurate than a hand tool machine. (The 90% of airplane are made from iron or at least contain some parts made from iron). This was going to require learning a few new skills, but thankfully the main requirement was an understanding of Cartesian coordinate systems that are used in drafting and machining. As a CAD technician for a lot

Our 1st Air Academy Graduate Returns

Jared Lewark graduated from the Air Academy in Oklahoma, WI on July 9th. He kicked off our July 31st meeting with an awesome presentation about the experience, complete with tri-fold display and projects. Highlights of the trip were his jet unaccompanied commercial transport trip and some stick time in the new glass cockpit Cessna 462 Skylatcher. He's our 1st academy graduate and the 1st chapter member to fly the C-662.

United States Air Force Academy

Chapter member & USAFA Cadet Sam Hightower is keeping busy with his studies at the United States Air Force Academy, in Colorado Springs, CO.

His Dad reports that the highlight of his basic training was flying a glider and he's looking forward to skydiving lessons next summer.

Proud parents, Ron & Wendy Hightower, will be traveling to visit him on the labor day weekend.

Editor's note: The USAFA has the most active soaring operation in the country, with over 30,000 sorties each year.

Only 36 Young Eagles?

Did you ever think you would hear someone say, "It was a slow day, we only had 36 Young Eagles?" Well, it was heard numerous times during clean up, after the August Young Eagles Rally. A year ago 9 volunteers struggled to provide a first flight experience to 14 Young Eagles. We doubled our turnout in August with 18 volunteers and looked like professionals. Some of the volunteers are pictured above. We continue to break chapter records for volunteer turnout and Young Eagle flights. We've averaged 14 volunteers a month and have flown 198 Young Eagles this year. Thank you to all of the volunteers and aircraft owners that make it happen each month.

Anyone for a party when we fly the 500th Young Eagle this year?

Boy Scout Merit Badge

The Aviation Badge (left) was one of the original 27 badges created in 1915. The original design was replaced and the name changed to Aviation Merit Badge (right) in 1945. We'll be receiving a chapter tradition on November 23 as we host Merit Badge day at the airport.

- Volume 2 Issue 7
- Building Gee Bees and other wastes of time...
 - Matters of Faith
 - 57th FG Restaurant

- Volume 2 Issue 8
- Our academy members
 - So long George...
 - Ken's 2nd annual Oshkosh gallery

- Volume 2 Issue 9
- Only 36 Young Eagles?
 - What do we want to be when we grow up?
 - Hangar Project

Young Eagles Program

When the October 1995 issue of Sport Aviation arrived in our mailboxes, the Young Eagles Program was only a few months old. In the issue, Young Eagles Coordinator Ed Lechendorf reported 1,000 young people had been flown, which was quite an achievement early in the program.

Our September Young Eagles Rally was another for the chapter record book. If we kept one guess this newsletter is the closest to a record book we have. So far this year we have shattered our single event record in February, April, May, June, and September. In June we actually exceeded our previous annual record set in 1996.

Also in September, Debbie Morris and Thomas Moore joined the elite group of Young Eagle Flight Leaders in achieving "10 for 12", so all of their flights accrue credits for our chapter's annual scholarship program.

Michelle Kunes, EAA National Young Eagles Program Administrator, prepared a report from the EAA database of our chapter history from the past 20 years (see chart below). Members of our chapter have introduced 2397 Young Eagles to the thrill of flight since the program began in 1990.

It has been an exciting year for our chapter's Young Eagle Program. We could not have achieved what we have so far without the continuing support of Flightways Columbus, Waffle House, Skyline Columbus and all our volunteers. Thank you to all the pilots, aircraft owners, ground volunteers and Flightways staff that make it happen each month.

Year	Young Eagles Flown
1990	100
1991	150
1992	200
1993	250
1994	300
1995	350
1996	400
1997	450
1998	500
1999	550
2000	600
2001	650
2002	700
2003	750
2004	800
2005	850
2006	900
2007	950
2008	1000
2009	1050
2010	1100
2011	1150
2012	1200

500th Young Eagle of 2012!

Nine-year-old Tenzai Munoz of Phenix City became our 500th Young Eagle of 2012 at the October 27th Young Eagles Rally.

Our Young Eagles Coordinator Ken Sims took Tenzai up and all the members still on the field met them on their return.

Daniel Jones became our 12th Flight Leader to achieve "10 for 12" just minutes before.

Next rally: November 24

10 for 2012

Chris Cook
George Wade
Jack Barthelot
Ernie Kelly
Mac Molnar
David Hall
Ken Sims
Phil Johnson
John Walden
Thomas Moore
Debbie Morris
Daniel Jones

Merry Christmas

Happy 33rd Anniversary

The West Central Georgia Experimental Aircraft Association, chapter 677 was incorporated Dec 18, 1979. According to EAA HQ our chapter was originally chartered in October of that year.

- Volume 2 Issue 10
- Young Eagles Program
 - Get-there-itis
 - Thunder in the Valley '13 planning begins

- Volume 2 Issue 11
- 500th Young Eagle
 - What are you thankful for?
 - Cardinal Flyers Convention

- Volume 2 Issue 12
- Chapter 33rd Anniversary
 - We now have 33 years behind us, but what's ahead?
 - Thunder planning begins

Young Eagles Gallery 2012



Thunder in the Valley Update



Thanks to the hard work and passion of the Air Show volunteers, it's coming together nicely. The planning committee is ahead of schedule on most tasks and right on schedule with others. Thankfully, we are not behind!

All of the air show tickets are printed now. A volunteer will assemble all the sponsorship and performer packets January 14.

There are 5 types of admission tickets - advance general admission (\$10), day of event (\$15), advance military admission (\$8), complimentary and sponsor. Tickets will be available for purchase February 1 at Columbus-area McDonald's, Cricket Communications, MWR Tickets and Travel, Flightways Columbus and Skyline Columbus, Office Price Furniture, ACE Hardware (St. Mary's Road), Chattahoochee Council, Boy Scouts of America—Main Office (1237 1st Avenue).

Courtesy letters have been mailed to tenants of the Columbus Airport. The purpose of the letter is to maintain positive relationships with general aviation by giving them enough time to plan around activities associated with set-up, production and tear-down of the Air Show and to give them the opportunity to participate as a static display.

Permission letters will be given to the car rental companies at the airport. The use of their parking lots is being requested for paid parking at the airport during the air show weekend. The air show committee is appreciative of the support the rental companies provide.

A letter of request for General McMaster to speak during opening ceremonies has been mailed. We should have confirmation or referral for another senior representative within a couple of weeks.

The application for certificate of waiver or authorization (Form 7711-2) will be available January 14. The application requests authorization for an aviation event by the FAA Flight Standards office. This form has to be filed within 90 days of the show. The final waiver will be issued 10 days prior to the event.

Currently, \$56,500 has been pledged in sponsorships and \$28,000 has been collected. In-kind donations are valued at \$96,000. Members of the

sponsorship committee met with executives at McCauley and General Growth Properties (Peachtree Mall) to discuss sponsorship opportunities. McCauley is a business unit of Cessna, and they would like to become involved with the air show again. Peachtree Mall is very interested in participating as a sponsor and they are reviewing their marketing budget.

Members of the sponsorship committee met with Walmart (Airport Thruway) to discuss parking and their continued level of support for the Air Show. Walmart is donating a portion of their parking lot, the grass area in front for additional parking and deli items for VIP each day of the show. The area will be roped off and placarded by the air show committee and manned by Walmart staff.

Muscogee County School District's Transportation will be the air show's service provider for shuttling spectators from CSU's parking lot to the Airport.

The marketing committee has developed two different concepts for the poster design. Both designs put an emphasis on "16 Years" and "Give the FUN way from the Runway!"

Concept 1: Extreme XVI with Viper teaser graphics. There's an assembly of images for key acts, hexagon patterns from the Viper plane and a dramatic thunder sky in the background.

Concept 2: Extreme Sixteen with Red Background. This concept tells the story of power and action with red background, movie-poster theme to promote secondary features and special-effect filtering to support action through color.

Production on TV and radio commercials will begin in the next couple of weeks.

The new web site is under development. Cock-pit video from the 2012 show will be used in the creative of the web site.

The acts and statics committee is now securing military statics. Confirmed statics are: C17A, P3 Orion, 3 T-28s, MH53, C-1A COD and ANG helicopter. It looks very favorable for the following statics: F-22, C21, T-37, T-38, T-1, T-6, F-15, HH60 and C130.

From the Director

At **Embry-Riddle Aeronautical University (ERAU)**, our mission is to teach the science, practice and business of aviation and aerospace, preparing students for productive careers and leadership roles around the world. ERAU is the world's largest, fully accredited university specializing in aviation and aerospace, offering more than 40 associate's, baccalaureate, master's and doctoral degree programs in its colleges of Arts and Sciences, Aviation, Business and Engineering. The university is a major research center, seeking solutions to real-world problems in partnership with the aerospace industry, other universities and government agencies.

For the 13th straight year, U.S. News & World Report has ranked our Aerospace Engineering program as the top undergraduate program in the nation. Our graduates gain employment with some of the top aviation and aerospace companies in the world. We count numerous NASA astronauts, aviation executives and U.S. Armed Forces leaders as our alumni. ERAU offers VA benefits to qualified veterans and since 1995, more than 25,000 military personnel have earned degrees from ERAU.

You can start with as little as four courses as a Non-Degree seeking Graduate student or eight courses as a Non-Degree seeking Undergraduate student to "test the waters." Those credits will be applied toward a certificate (at the Undergraduate or Graduate level or a degree

(associate's, baccalaureate, master's or doctoral). Our goal is to give you the education you need exactly the way you need it, all with the utmost academic quality. We offer five ways to enroll in courses to complete those programs:

- Classroom Learning
- Eagle Vision Home
- Eagle Vision Classroom
- Online Learning
- Blended Program

Kids summer camp! Be on the lookout for a really cool summer day camp for teens. I am working with the Space Science Center to sponsor a day camp that we will schedule for the end of June or mid-the end of July. The cost will be approximately \$300 and I am currently working on the possibility of scholarships. More info will be available in the spring.

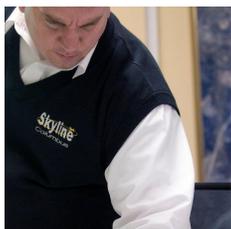
The preliminary schedule is as follows:

- Day 1: Aviation Career Exploration
- Day 2: Aerospace
- Day 3: Field trip to Pratt & Whitney
- Day 4: Space Adventure
- Day 5: Robotics and Unmanned Systems

Columbus Lions Indoor Football: The season will be starting in the spring and I'll have tickets. Proceeds will go to scholarships for the kids' summer camp.



From the Right Seat



Decision Making, More Than Just Emergencies

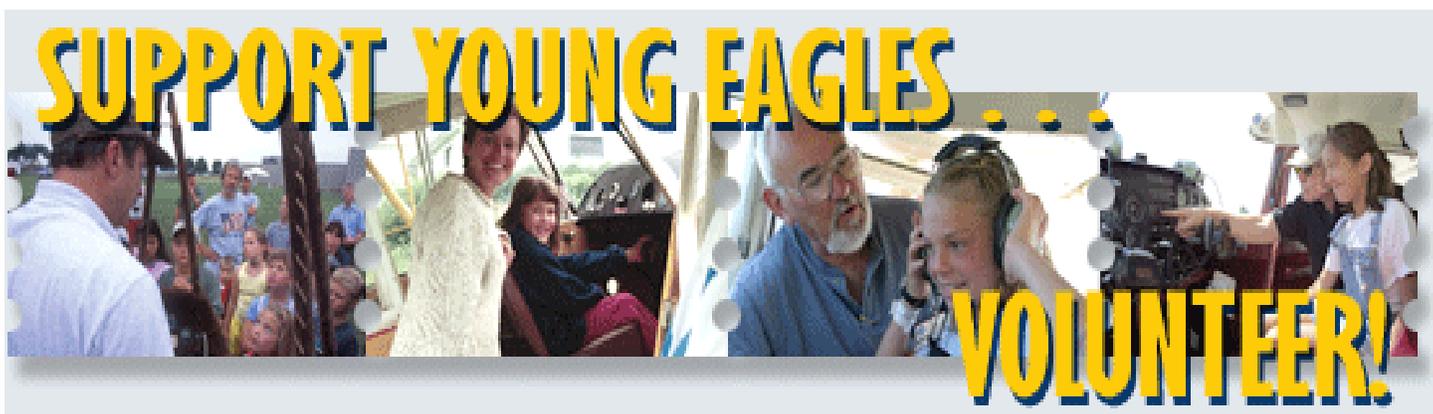
All too often I see students, renters, aircraft owners, and even CFIs make choices that may snowball into a catastrophe. Some of these items start out as very small and work their way up to a situation that the pilot just can't handle, while some break down the aircraft over time, possibly leaving the next pilot who flies the aircraft to deal with it. For instance, when was the last time that your mag drop was right at the max drop point and you still continued the flight? Your magnetos should not always be at the max drop point; they should be less than that in all cases. Anything at the max point or higher should immediately be reported to the aircraft mechanic.

We as pilots always tend to look at the max or minimum when we operate the aircraft and this can be terrible on the aircraft over time. Another example would be the max speeds at which we can deploy flaps, landing gear, or other appendages to the aircraft. These are the "maximum" speeds, dropping the gear or constantly extended the flaps at these speeds will cause premature wear on these parts over time and eventually result in failure. What about the way you close the access door when checking the oil? Do you slam it down with your

hand, or gently close it? What about the engine oil temp at run-up? Do you wait for the temp to enter the green arc before advancing the throttle to run-up power? You should!

Every pilot should be trained from the beginning to be an aircraft owner and to do everything possible to extend the life of the aircraft, its systems, and its components. Step back and look at how *you* do your preflight and how *you* perceive the aircraft in general. Has complacency got the best of you?

Todd





Advisory Circular 65-23A Certification of a Repairman (Experimental Aircraft Builders)

When should you consider pursuing a repairman's certificate?

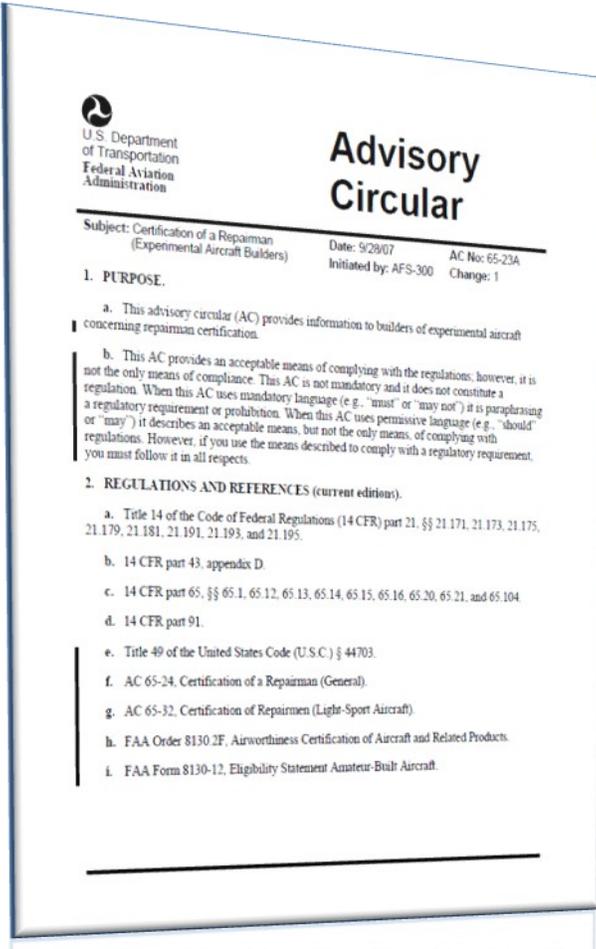
Before you begin to build.

You must be 18 years old, a US citizen or permanent resident, and the primary builder of more than 50% of an aircraft. You must be able to demonstrate that you can perform a condition inspection on the aircraft and show evidence that you built it.

Most builders maintain a log of their work with pictures, drawings and notes. Several options are available on the market, such as [Aircraft Builder's Log](#) and [KitLog Pro](#).

What can you do with the certificate?

The holder of a repairman's certificate may perform the annual condition inspection on the specific aircraft listed on the certificate



Homebuilder's Library Links

[Rules and Regulations of Airplane Building](#), by Ron Alexander
[2012 Report to Homebuilders](#), by EAA



Around the state



Columbus (KCSG)
16th Annual
Mar 16-17



Vidalia (KVDI)
36th Annual
April 20-21
Blue Angels to perform!



Peachtree City (KFFC)
15th Annual
Oct 12-13



Advertising



Tiger Trophy
"Family Owned"

Team Trophies, Awards
Medals, Custom Engraving

1851 Talcott Court
Auburn, AL
334-887-4261

tigertrophies@yahoo.com
www.tigertrophies.com



"You the only one who can make your dreams come true; your also the only one that can keep them from happening."

CFI-A
E-RAU
Alumni

David A. Hall
Flight Training at Affordable Rates

3250 West Britt David Rd.
Columbus Ga. 31909

706-464-4181

Professional Resumes
Free Consultations
Evening/Weekend Appointments

Military Conversions
Lifetime Updates
Secretarial Service

ASAP Resume and Typing Service

DIANNE S. PRESTON

3615 Southlea Court
Columbus, GA 31909
Email: sowell1249@yahoo.com

Bus.: 706.323.4600
Cell: 706.332.0454
Fax: 706.221.4727

Phil Johnson

Experienced - General Practice - Trial - Domestic

Philip J. Johnson, Attorney

5607 Whitesville Road, Columbus, Georgia 31904
Phone (706) 324-6080 - Fax (706) 324-7192
e-mail: pjlaw@knology.net
www.philjohnsonlawoffice.com



Tom Swilling
REALTOR®



#1 Bradley Park Ct., Columbus, GA 31904
Cell (706) 332-6038
Office (706) 653-1400
Fax (706) 322-6472
E-Mail tomswilling@hotmail.com
Website www.waddellrealtyco.com

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

\$2 per month
or
\$20 per year

EMBRY-RIDDLE
Aeronautical University
WORLDWIDE



Columbus Campus
@ Pratt & Whitney

columbus@erau.edu
T: 706-568-5485
F: 706-568-5551

P.O. Box 9903
Columbus, GA 31908

worldwide.erau.edu/columbus

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

\$1 per month
or
\$10 per year

SKYLINE FLIGHT TRAINING

Columbus Georgia's Only Flight Training Academy

Why Choose Us:

- Insured
- Over 30 years' experience
- Accident free since opening day
- Strict maintenance program
- Soon to be VA Approved
- Soon to be FAR Part 141



Our CFI's are:

- Professional
- Courteous
- Prepared
- Cost conscious
- Educated (BS or higher)
- Over 10,000 Hours Combined experience
- Accident/Incident Free

OPEN 7 DAYS A WEEK

Skyline Columbus is located at the entrance of the Columbus Airport. Our private ramp and terminal make your training experience worry free. Experience lessons with an onboard guest, or to a special destination for lunch or dinner. Our highly trained, professional, insured staff can work with you in our aircraft or yours. Our staff has certified over 100 candidates since our doors opened in 2009. We want you to be part of family of pilots that are trained to be aircraft owners, not just operators. Come visit us today!



Skyline Columbus
3250 W. Britt David Road
Columbus, GA 31909
www.SkylineColumbus.com

(706)322-6565



0 Time to ATP

Flight Reviews

Scenic Flights



Yes, you can get there from here.

Since 1926, Embry-Riddle Aeronautical University has become the premier university for studying the science, practice and business of aviation, aerospace and engineering. Today, we lead the world in aviation and aerospace higher education with more than 150 locations worldwide and two residential campuses in Daytona Beach, Florida, and Prescott, Arizona. While we continue to expand the definition of our university, Embry-Riddle Aeronautical University Columbus Campus is here to help you explore your potential with Associate, Bachelor and Master degrees in Management, Maintenance and Aviation.



EMBRY-RIDDLE
Aeronautical University
WORLDWIDE

**Embry-Riddle Aeronautical University
Columbus Campus**

worldwide.erau.edu/columbus
columbus@erau.edu
706.568.5485