



Hangar 13 News

Chattahoochee Valley EAA Chapter 677

Columbus, Georgia

Est. 1979—Chartered 6 February 1980



Air Show Gives Back More Than \$41,000 to Valley Youth Organizations and Charities

Columbus, Ga. , July 22, 2013 – During a breakfast celebration on August 1, eight youth organizations and charities from across the valley will be presented \$25,000 by the 2013 Thunder in the Valley Air Show. The presentation will begin at 7:30 a.m. in the main conference room of the Columbus Airport. Checks will be presented to the executive directors of the following youth organizations and programs:

- Big Brothers, Big Sisters of the Chattahoochee Valley
- Chattahoochee Council, Boy Scouts of America
- Easter Seals of West Georgia
- Juvenile Diabetes Research Foundation
- Russell County Child Advocacy Center
- Safe Kids Columbus
- Storybook Farm
- Young Eagles

The Thunder in the Valley Air Show also provides fund-raising opportunities for youth groups through the operation of air show concessions, carnival activities and other needed duties. This year, the Thunder in the Valley Air Show provided tickets to Ft. Benning's training brigades and youth groups to afford trainees

and underprivileged youth the opportunity to experience the show. \$16,300 in contributions and tickets were donated to 17 youth groups and 1,000 trainees, bringing the total contribution of the Air Show to \$41,300 for 2013.

The Thunder in the Valley Air Show is a non-profit event managed and operated by more than 400 volunteers each year. Despite the absence of all current inventory military aircraft as a result of the "sequester" and a drop in attendance of nearly 40%, the Air Show was able to generously give back to the community. The Air Show committee is grateful for the support of our sponsors and spectators, and the participation of our devoted volunteers.

"Considering the performers and line-up of acts, this year's air show was one of our best," says Phaedra Childers, event coordinator. "Unfortunately, a variety of other events on Air Show weekend, the absence of military acts and overcast skies reduced attendance noticeably. Despite those setbacks, the Air Show committee worked very hard, and our sponsors were very generous, allowing us to continue to support our community with donations to organizations which benefit youth in the Chattahoochee Valley."

Mark your calendars for the 2014 Thunder in the Valley Air Show on Saturday, March 15 and Sunday, March 16, 2014 at the Columbus Airport. The line-up of performers and static displays will be announced in January.

About the Thunder in the Valley Air Show:

The Thunder in the Valley Air Show began in 1997 as a local fly-in for aviation enthusiasts and has grown to become one of the largest outdoor family events in the Chattahoochee Val-

[See page 4](#)

President's Desk



Airspeed is everything...

When I was a teenager taking flying lessons from Mr. Sargent at Showalter Flying Service in Orlando, one lesson coincided

with the passage of a gust front. Looking at the rigid windsock and debris blowing down the ramp, Mr. Sargent asked if I really wanted to fly. I said yes. I don't know if he actually intended for us to fly or if he just saw this as a teachable moment, but we preflighted the Cherokee 140 and cranked her up.

Mr. Sargent handled the controls as we taxied downwind toward the run-up area. I've forgotten what changed his mind, but the next thing I knew, we were taxiing back.

As we struggled back to the ramp against a steady headwind, the instructor looked at me from the right seat and said, "I want to show you the difference between airspeed and groundspeed." He brought us to a stop and asked, "How fast are we going?" I gave the obvious answer: we were stopped. "Groundspeed zero," he said. "Look at the airspeed indicator." I can't remember the exact number, but it was well above zero. "You don't need groundspeed to fly," he explained. "All you need is airspeed. Watch this."

He yanked the flap lever up, pulled back on the yoke and we came off the ground. Did he touch the throttle? I can't recall. I just know we were a foot or two off the ground and the stall warning horn was screaming.

We plunked back down, he advanced the throttle and continued the taxi as though nothing

had happened. "Airspeed is everything," he said, and took us back. I've never forgotten that.

The NTSB is still investigating, but one of the facts released regarding the July 6 crash of Asiana Flight 214 is that their airspeed on approach got as low as 103 knots – well below the minimum approach speed for a Boeing 777. Why they failed is speculation, but it seems clear the crew failed to control airspeed. They forgot airspeed is everything.

Our chapter has pretty good airspeed right now. I'd say we're cruising. We've had our first meeting in Hangar 13. We sent two campers to Air Academy. We have a dedicated team of ground crew and pilots who work hard every month to fly Young Eagles – even if the weather is less than cooperative. We even have a little money in the bank.

However, we cannot forget "airspeed is everything" and must be ready to respond if things slow down. As a chapter member, you help manage our airspeed. The more engaged you are, the more freedom we have to maneuver. If you decide not to share your thoughts and ideas, quit coming to meetings or stop showing up for Young Eagles, nothing we do with the "controls" will make any difference. Our fall will be just as unstoppable as that of Asiana Flight 214.

I don't know where Mr. Sargent is now, but I will always be grateful he didn't say, "It's too windy. Let's not even start the plane." I'm equally grateful you've trusted me to be one of the leaders of our chapter. Let's all keep an eye on the airspeed and we'll be fine.

Ernie



**Chattahoochee Valley
EAA Chapter 677**

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Editor's note

During TITV 2013, Greg Koontz invited our chapter up to his Sky Country Lodge in Ashville, AL. Please consider the following dates to be discussed at our August meeting: September 7, October 26, November 2, 9, 16 & 23. Training flights (spins and upset) are also available on those dates, so we'll need to plan in advance.



Chapter Calendar

August 29—Chapter meeting at Hangar 13

Air Academy presentations
Oshkosh review
Sky Country Lodge fly-out discussion
Hangar to-do list

August 31—Young Eagles Rally at Flightways

September 27-28—Southeast Aviation Expo in Greenville, SC

October 12-13—Great Georgia Airshow in Peachtree City
—North Georgia Airshow in Rome

October 19-20—Boshears Skyfest in Augusta

Mar 15-16—Thunder in the Valley 2014

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Thunder in the Valley Update



ley . The air show brings in top performers from across the United States . National attention has been given to the Thunder in the Valley Air Show by the International Council of Air Shows for excellence in marketing. The Thunder in the Valley Air Show is a fun, family-friendly event that is both alcohol- and tobacco-free. Proceeds from the air show are donated to youth organizations in the Chattahoochee Valley. For more information, visit www.thunderinthevalleyairshow.com.

Young Eagles Gallery– Jul 27

Thirteen volunteers, three aircraft and 37 smiling Young Eagles



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10 for 2013

Danny Jones
Ken Sines
Thomas Moore
Mac Molnar
Jack Bartholet
Phil Johnson
Lina Taborda
Chris Cook



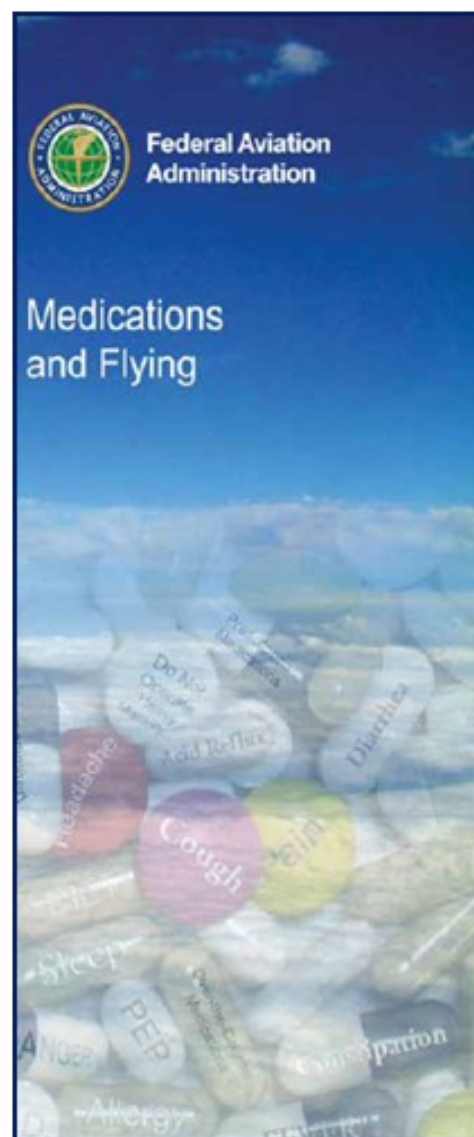
According to FAA data, approximately 12% of general aviation accidents involve medications.

What can you do to protect yourself?

1. Become an educated pilot and health care consumer
2. Read and follow recommendations in the FAA's Medications and Flying Brochure
3. Use the IMSAFE checklist
4. Consult FAA Medical Examiner or aviation support organization for guidance

Signed by the AEA, AOPA, FAA, HAI, NATA, SAFE, ABS, EAA, GAMA, NAFI, NBAA and USPA

[Click the letter and brochure below to read more](#)





Can You Legally Use an iPad or Other Device in Flight?

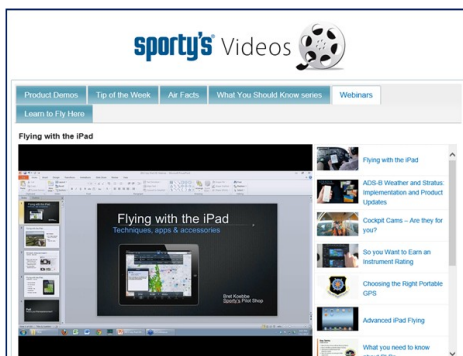
Seeing technology come as far as it has in the last five years is simply astonishing to me. The sheer amount of situation awareness and flight deck tools are evolving at an astronomical rate and I can hardly afford nor keep up with all the gadgets that are improving safety each day. The day I finally received my external GPS for my iPad, one came out two months later that was ADSB capable. Needless to say, I was not too happy. However, with all the new toys that pilot can have nowadays, are they really legal to be used in the aircraft while flying? Let's take a look at it.

Let's start by looking at what the regulations say about it, §91.21(a) states that "...no person may operate, nor may any operator or pilot in command of an aircraft allow the operation of, any portable electronic device on any of the following U.S.-registered civil aircraft: (1) Aircraft operated by a holder of an air carrier operating certificate or an operating certificate; or (2) Any other aircraft while it is operated under IFR." Now if you're an IFR pilot and you have filed an IFR plan, and you have activated an IFR clearance and you are navigating under the rules of IFR flight (even part 91 operators), then this applies to you. However, if you are not operating your aircraft under the rules of IFR, then this does not apply to you. So, is there any way around this? Yes there is. All you would

need to do is simply get in the airplane with all the avionics on, then cut on the iPad or similar device and check for any anomalies in the navigation equipment or radios. You will need to write this down somewhere, or even placard the device itself with your credentials and the date and extent of the testing.

VFR pilots do not need to go into such details. Simply power it on and go for it! What you would really want to avoid is making this device a "heads down display". This thing is here to increase your situational awareness, reduce pilot workload, and help manage the flight deck better. If you find yourself over dependent on the tech, then that's probably a great time to get back in touch with your CFI and do a good review on what you're lacking—Piloting Skills.

Todd



Need more information on iPads in the cockpit?

Be sure to check Sporty's Pilot Shop Webinars. Click the video screenshot to go to their site.

Also, check out:

<http://ipadpilotnews.com/>

Around the state



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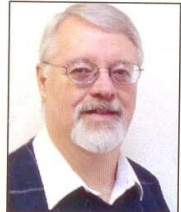
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