



The Fliteline

Screaming Eagles R/C Club, Inc.

AMA Charter Club No. 298 - Established 1969

Next Club Meeting

Monday, April 4, 2005

7:00 PM

Airport Days Inn

5860 Fortune Circle West

Indianapolis, Indiana 46241

Dennis Anderson Host - (317) 248-0621

Next Executive
Committee Meeting

Monday, April 18th
7:00 PM

At the flying field,
weather permitting

Note: the business meeting portion of the meeting will be suspended, thereby providing adequate time for both of our programs. All interested non-members in the area are invited to attend.

Meeting Program One: Turbine Jets!



Our first meeting program is going to be an exciting presentation and discussion about a fast growing element in our hobby, turbine powered jet aircraft. Our club has several members who are well known by the national jet-set crowd as practitioners and early pioneers in ducted-fan and turbine jet propulsion; three of whom will provide our evening's entertainment. **Dr. Eugene Margiotti, David Bloomer, and Larry Ross** will provide enlightenment on technical and safety issues with turbine jet operations. Even if jets are not in your future plans, you will enjoy and soon appreciate what it takes to be a member of the "jet-set"! This will be a good meeting to bring a friend or fellow hobbyist who may enjoy our fine program."

Meeting Program Two: Unmanned Aerial Vehicle

Mr. **Gary Hutcheson** of **Cinergy PSI** in Plainfield is bringing his company's new Unmanned Aerial Vehicle (UAV) to the meeting and will give a presentation to the club. **Cinergy PSI** has several plans for using the UAV for their own business as well as providing services to the local community. An AMA member living in Greencastle, Gary flies R/C helicopters. The UAV has a 7' rotor and is powered by a Zenoah GT-80 gasoline engine. The possibility of flying this craft from our field will be part of our discussion following his presentation.



New Member Welcome

Luis Vallalta, AMA 693439, (our newest member pictured here on the left) is posing with his sponsor, **Dennis “Big Pussy” Anderson**. In spite of his sponsor, Luis was voted into the club on February 7th 😊

Luis lives in Noblesville, Indiana with his wife Maria and their three children. He has been in the hobby for fourteen years.

Watch for Luis at the field and make him feel welcome to the friendliest R/C club in Plainfield!



February Meeting Report

“Invasion of the Electric Powered”

Seems the club has become infested with Voltheads lately...

As you can see, they dominated the meeting’s show and tell program!

Rod Collester, showing off his electric powered red, white, and black bi-plane. He can probably provide a more extensive description since he has become a really big Volthead speaking “Volt-eeze”... a language still foreign to this writer.





Rebecca Collester, Age 6, (closely guarded by three-term past-president **Bill Pence**), added grace and beauty to our meeting. Here she is intently watching her daddy **Rod Collester** during his show and tell performance...or perhaps she was keeping a wary eye on the president as he stalked the room looking for pictures taking opportunities.



Andy Clark's SX2, with a built up fuse and wing from EPP foam, Axi brushless motor, 11x4.7 prop, lipo battery pack, and a flying weight of 13 1/2 oz. Andy reports that it flies well and is very forgiving outdoors in mild wind.

Joe Fyffe's electric model is the red and white Cermak Li'l Banchee 3-D ARF. It features built up construction and carries a price tag of \$89.++. The Blue and Pearl (not yet finished) is his scratch built modified version of the Li'l Banchee. He did it by cutting a piece of foam and laminating the sides with 1/16" balsa. This is the same construction technique that OMP uses on their GS Edge 540. The wing and tail feathers are copies of the Li'l Banchee ARF ...Power is a Himax HC2812-0850 Outrunner





Mika Woodward's F-15 is cut from blue core fan fold foam. Scratch built from plans, it will weigh 16oz. The F-15 uses 3 Hitec HS-55 servos, 1200 MAH 3 cell lipo pack, 20 amp Great Planes ESC, a long case speed 280 motor with a 6.6 gear box, and a 8x6 prop. The F-15 will be painted with Testors Spray Enamel Aircraft Gray. The model is 3 channels...throttle, ailerons, and full flying stab. Plans are from 3DFOAMY.com. They have a large list of fun stuff to build from hardware store materials, e.g., foam and tape. Give one a try.



SAFETY REVIEW

Dave Bloomer, Club Safety Officer

At our March membership meeting I gave a brief presentation on getting ready for the new flying season. **I stressed, and want to stress again, the absolute necessity that we start the new season with a mindset that all of our equipment is new and untested.** Just because everything was working great when we put our planes away for the winter, does not

mean everything is still in good condition and great working order. Take nothing for granted!!! Here are some items to check:

Airplane

- Covering – Repair/replace any loose or torn covering.
- Paint – Repair any chips, cracks, or deterioration which would allow fuel soaking
- Structure – Thoroughly inspect glue joints and structure. Check for warps, fuel soaking, wing hold down blocks/dowels, etc.
- Linkages & Fasteners – Be sure that all pushrods are free moving, no rust on clevises; security check all clevises, control horns, wheel collars, hinges, mounting bolts, etc.
- Engine & Fuel System – Check bearings, glow/spark plug, prop, muffler attachment, pressure test tank and fuel lines, etc.

Radio

- Check and load test all batteries. Just because a battery is new does not guarantee that it is good and just because some might be a couple of years old does not mean that they are bad. Do regular checks throughout the season, and always follow the manufacturer's recommended care and maintenance.
- Always range check before the first flight of the day. There are several ways to do this, but rather than list some of them, I again say follow the manufacturer's recommended procedure.
- Check connections and leads. Look for signs of corrosion, frayed wires, cuts on the insulation, and

so forth. Give the airborne switch an extra thorough inspection and test. This is one item that is subject to a lot of use and vibration and is a common source of radio trouble.

Flight Box

- Do not overlook the flight box. How fresh is the fuel? Are spare props balanced and ready for use? Make sure to have extra glow plugs, fuel line, starter battery, and the necessary tools in place.

Another very handy item to have is a checklist. I keep one for each plane that I have. These typically are brief, but serve to remind me of critical items that, if overlooked, would have disastrous consequences. For those of us with computer radios operating more than one aircraft, be especially careful to always select the proper model and set trims before starting a plane.

Project Building Report 1

Scott Black's Indy 400

Recent email from **Scott Black...**

"She's starting to look like a plane! The **Indy 400** is taking shape well. I'll bring it to the next meeting for show and tell along a set of with the plans I drew. Maybe the guys will be interested. Does anybody still scratch-build in an age of ARF's?

In case you were wondering, yes, that IS an Emergency Spine Board I'm using for wing building! I've attached USG ceiling tile material to it. It's extremely rigid, flat and makes nice



straight wings, no warps. And, it's portable! A company I used to work for sold them and I retrieved several out of the dumpster that couldn't be sold due to paint blemishes.

OS FX .25 in the nose.

PS - Received three neat kits from Peck-Polymers this week to give away as prizes at the Triathlon...cool!"

Project Building Report 2



Joe Hartley and his Fokker D-VIII

Joe Hartley, reputed mob boss of the Kentucky mafia, reports that the only things currently keeping his newly built scale Fokker D.VIII out of the air are painted crosses on the top wing, a pilot figure, wheels, machine guns, installed radio gear, and a healthy dose of manly guts.

Well, maybe he didn't list the guts thing, but when he flew his new giant scale T-6 Texan he slinked off to the AMA field with brother-in-law **Dan Winship** to get the maiden flight in, thereby insuring no witnesses other than "family", if you get my drift. We

want him to test his D-VIII at OUR field, right gang?

After given a chance to respond, Joe replied, *"I do have to respond to your jabs by saying that the D-VIII will be test flown at the Screaming Eagles facility. The T-6 will be flown there this year also, at least once, more if possible after that once."*

Classified Ads

Submit your items for sale or trade by the 23rd of each month

- Tower Uproar could use re-cover solid airframe \$25
- Scratch built .40 size Cloud Dancer good shape \$50
- SPAD 3D .40 size how could you hurt the thing looks like the day it was born \$30

Joe Hartley 876-1836

Direct Connection



If any of you are fans of the "DIRECT CONNECTION" kits that are no longer available, this article is good news. Juno R/C has purchased the rights to several kits from Direct Connection including the F/A-18 "Hornet" and the "TSUNAMI" .40 size pattern ship. Just visit www.junorc.com! They are located in Houston, Texas. The owner, **Derek Staha**, is a long time modeler and it sounds like he really understands the legacy he's continuing. According to the website, Derek and Juno R/C will be attending the Toledo R/C Exposition on April 1, 2, & 3 offering discount prices on kits. He will not be an exhibitor, just attending, so you will need to meet up with him. So, go to the web site and send an email now to him so you can hook up! Now you have another option besides eBay for some of the Direct Connection Kits!

Scott Black