



The Leader In Recreational Aviation

EAA Chapter 153

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Preserving The Freedom of Flight

The Official Newsletter of Experimental Aircraft Association Chapter 153 - May, 2007

Shoot Only at the Red Airplane

The title of this article is the title of **Bill Coons's** new book about drone aircraft that started development before World War II and continued to the present with Cruise missiles and various spy aircraft. Bill speaks from his experience with the drones as a U.S. Navy radio technician during WW II.

The aim of the military drone program was to improve the accuracy of ship and shore-based gunners as well as fighter pilots in shooting down enemy aircraft. Before the drones were developed gunners used kites or target sleeves towed by airplanes for target practice, but proved to be ineffective at shooting down the early drones. With practice their aim improved, and the drones played a role in winning WW II.

The earliest efforts at building radio-controlled aircraft began as early as 1917, but those efforts met with little success because of limited funding and primitive technology. In 1936 the Navy began developing a drone aircraft, which flew successfully in 1937. In about the same time period, hobbyists began developing radio-controlled model airplanes. Reginald Denny, a British movie actor who emigrated to Hollywood, is credited with development of the first successful RC model airplane. Denny's company was eventually bought by Northrup Corp. and the product was developed for top secret military programs during WW II. An interesting sidelight is that one of Denny's employees, Norma Jean, was discovered by a movie producer and went on to a successful



Bill Coons

movie career as Marilyn Monroe.

Bill's book covers many other aspects of drone aircraft that can not be covered in this brief review. It is available from bookstores under identification number ISBN 978-1-4303-0715-0.

May 11 Program - "Fiberglass Epoxy Techniques"

EAA Chapter 153 member **Bill Schertz** is a craftsman with fiberglass. He has built many custom fiberglass parts for his KIS Cruiser and has repaired fiberglass parts on production airplanes. See how he does it at the May 11 meeting.

Chapter 153 meetings are held on the second Friday of each month at Schaumburg Airport (06C), Wright Boulevard at Irving Park Road in Schaumburg, IL. Meetings are at 7:30 pm in the lower-level meeting room of the terminal building.

Tech Counselor Report

Joe Lienau inspected **Jerry Borkowicz's** RV-7 and reported that he is doing an excellent job.

Joe has taken the engine out of his Cessna for overhaul at Poplar Grove.

Joe revised the condition and maintenance lists for the BD-4. (He sells a book on BD-4 maintenance.) He notes that EAA has a very good generic checklist, which he used as a starting point for his revised BD-4 list.

Joe will bring price sheets for bulk purchase of aircraft oil to the May 11 meeting. 🦋

Young Eagle Report

We reached our goal of 100 Young Eagles and received a banner with the YE logo and the words "EAA Young Eagles Flights Available." Our new goal is 100 for 2007.

There is a new Young Eagle form. Only the original form (not copies) will be accepted. There are some new rules. Check FAR 91.146 and 136 subpart A. The maximum number of YE passengers is now limited to 3. **Joe Lienau** has ordered 100 new forms and will have them at the May 11 meeting. 🦋

North Central EAA Report

Roger has everything needed except a good logo. There have been several inquiries about disks, but they have not gone out yet. The next meeting is June 24. 🦋

Pancake Breakfast

We will have a sign-up sheet at the May 11 meeting. **Dave Rawlings** is working on a frame for the Chapter 579 grill, and **Bill Schertz** will get a regulator for it. **Scott Taylor** will buy another 30-lb propane tank. Scott will also update the signs and check with **Dave Watermann** on availability of Gaylords. **Joe Lienau** will investigate alternatives to the Gaylords for cold storage. **Brian Norquist** will check on the overflow parking availability. Joe will make signs for overflow parking. 🦋

Midwest Chapters Poker Run

A series of EAA Chapter fly-in events are planned for you to attend! Collect a game token at each event and trade them for playing cards - one card per token - on GAME DAY, October 14, 2007 at the Palmyra "Fall Fly-In." Build the best 5 card poker hand, from the cards you draw. The best hand wins. Cash prizes awarded. The more tokens you collect, the better your chance! 🦋

Progress Report

Jerry Borkowicz has received the wing subkit for his RV-7.

Bob Meyers has completed the vertical and horizontal stabilizers and the control surfaces of his Sonex. He has started working on the wing spars.

Roger Cole has completed deburring the ribs of the second wing of his Murphy Elite.

Bill Schertz made a trial fit of the fuselage top of his KIS Cruiser. Some avionics will have to be moved for better access. He also discovered and repaired a porous casting in the water pump of his Mazda rotary engine.

Sabrina Gonzalez Pasterski has completed the fuselage and tail of her Zenith CH-601 and has mounted and test fired the engine. She is ready to start work on the wings.



Phil White has completed one door of his RV-10 and has started work on the other.

Joe Lienau is ready to resume work on his second BD-4 after he completes the engine overhaul on his Cessna.

John Tatro has mostly completed the horizontal stabilizer of his Zenith CH-601 and has started working on the flaps.

Brian Norquist has almost done with his private pilot certificate. Maybe he will have an announcement at the May 11 meeting.


Scott Taylor is working on the annual (may be completed by now) of his Piper Cherokee. He brought his aileron cables to the April 13 meeting to show what worn-out cables look like. 🦋

Raffle

Feedback on the new raffle format was positive. Two prizes are offered. The second prize winner is allowed to choose one of several second prize offerings. The first prize winner may choose one from either the first prize offerings or the second prize offerings. Two dollars buys three chances to win. You must be present to win. The die will roll until we have the first and second prize winners.

At the April raffle, **Phil White** won a set of reciprocating saw blades, and **Brian Norquist** won a remote-control flying model helicopter. 

153 Calendar

- 2007-----2007-----2007-----2007-----2007-----2007-----2007**
- May 6 Midwest EAA Chapters Poker Run begins. EAA Chapter 22, Rockford, IL - Courtesy Aircraft, Rockford Int. Airport (RFD) Fly-In Breakfast
- May 11 Chapter 153 membership meeting, 7:30 pm at Schaumburg Airport (06C). Program: Bill Schertz - "Fiberglass Epoxy Techniques."**
- May 12 & 13 EAA Chapter 838, Racine, WI - John H Batten Field (RAC) - Pancake Breakfast; 7:00 am - 12:00 pm. Poker Run event.
- May 19 EAA Chapter 60, Beloit, WI - Beloit Airport (44C) - Spring Fling All-You-Can-Eat breakfast; 7:00 am - 11:00 am. Poker Run event.
- May 23 Chapter 153 Board Meeting, 7:00 pm at Schaumburg Airport (06C).**
- Jun 8 Chapter 153 membership meeting, 7:30 pm at Schaumburg Airport (06C). Program TBD.**
- Jun 16 EAA Chapter 1331, Wautoma, WI - Wautoma Municipal (Y5O) - Klunckenfarten Fly-In; 10:00 AM - ????. Poker Run event.
- Jun 17 Chapter 153 annual Father's Day Pancake Breakfast and Fly-in at Schaumburg Airport (06C).**
- Jun 17 Palmyra Flying Club, Palmyra, WI - Palmyra Airport (88C) - Father's Day Annual Fly-In Breakfast; 7:00 AM - Noon. Poker Run event.
- Jul 6-8 Chapter 101 work party in preparation for AirVenture 2007. Contact Dolores Neunteufel 630-543-6743 .
- Jun 23 & 24 EAA Chapter 1323, Walworth, WI - Big Foot Airfield (7V3) - Fly-In/Drive-In Breakfast; 7:00 AM - 1:00 PM. Poker Run event.
- Jun 27 Chapter 153 Board Meeting, 7:00 pm at Schaumburg Airport (06C). Date is tentative.**
- Jul 13 Chapter 153 membership meeting, 7:30 pm at Schaumburg Airport (06C). Program: Randy Kastor, "Hands On Magnetos and Starters"**
- Jul 14 EAA Chapter 153 Young Eagle Rally at Brookeridge Airport (LL22). Contact Joe Lienau 630-985-8244 for more information.**
- Jul 15 EAA Chapter 932, Greenwood, IL - Galt Airport (10C) - Flap Jack Breakfast; 9:00 AM - Noon. Poker Run event. 

Experimental Aircraft Association Chapter 153 exists to assist and support growth and innovation in general aviation, promotion of aviation safety, individual participation in amateur aviation, and transference of knowledge and skills of aircraft construction. Annual dues are \$20, payable at the beginning of each calendar year. All Chapter 153 members must be members of EAA.

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Next EAA Chapter 153 Board Meeting will be May 23, 2007 at Schaumburg Airport (7:00 pm)

EAA Chapter 153
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