



EAA Chapter 153

<http://www.eaa153.org>



The Leader In Recreational Aviation

Preserving The Freedom of Flight

The Official Newsletter of Experimental Aircraft Association Chapter 153 - November 2005

Chapter Election at November 11 Meeting

The Chapter election is an especially important time for Chapter 153. This is the time when we must ensure the Chapter's continued viability while bringing in fresh ideas. Come to the meeting and vote. Better yet, volunteer for one of the many tasks available.

Keep the Chapter elections in mind, and think about how YOU can help make YOUR EAA chapter a success. We particularly need volunteers for the Board of Directors. Incumbents are:

- President, **Brian Norquist**
- Vice-President, **Joe Lienau**
- Directors:
 - Hugh Curry**
 - Al Dubiak**
 - Roger Cole**
 - Cissy Rawlings**
 - Larry Salerno**



October Program: Gary Kozak's 1940 Ryan ST-A

For several months, Technical Counselor **Joe Lienau** has been helping **Gary Kozak** restore his 1940 Ryan ST-A. The problem area was its engine, a tired Menasco inverted 4-cylinder engine. (This differs from many other Ryans which used 5-Cylinder Kinner radial engines.) The Menasco C4S was a true antique with exposed rocker arms and a gear-driven supercharger. But it was running rough and had high oil consumption.

Kozak located a more modern Menasco D4-87 which differed from the C4S by having enclosed rocker arms and lacking the supercharger. He spent several months making drawings and preparing the paperwork to convince the FAA to approve the change. A major complication was that the carburetor was in a different position than it was on the original engine. A new carburetor-heat box had to be fabricated and piping to link the box to the carburetor had to be made. This was a major undertaking as there was scant room under the cowl.

Gary and **Joe** brought the paper models of the induction system that were made before any sheet metal was cut. The final result looked professionally done.

The airplane was painted in its original colors: the colors of the Dutch Air Force from World War II. The Ryan ST-A is so unusual that after it was flying again, a helicopter from a television station saw it and followed **Gary** home with camera running. **Joe** and **Gary** showed that video at the meeting. They also showed videos of takeoffs and landings.

As an added treat, **Gary** handed out paper models of the 1940 Ryan ST-A/PT-16. When cut out, folded, and glued together it makes a realistic model of the airplane. 



November 11 Program -- "Glacier Girl - A Restored P-38"

During World-War II a P-38 made a forced landing in Greenland. It was found under more than 100 ft of ice, brought to the surface, and restored. It flew at AirVenture 2005. This is the story of that P-38.

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 held at 7:30 pm in the lower-level meeting room of the terminal building.

NCEAA Fly-in Is At Cross-road

This Year's North-Central EAA Old-Fashioned Fly-in was a lot of fun and a great success. But, not enough Chapter 153 members participated. One reason may be that we did not adequately spread the word about NCEAA.


Here are some of the things that were good about the NCEAA Fly-in:

- Lots of interesting and unique airplanes to see. About 125 airplanes attended on Saturday and a similar number attended on Sunday. These included homebuilts, antiques and classics, warbirds, and ultralights.
- Type clubs representing Stinson, Grumman, Cessna 195, and Sonerai attended. The Stinson group had about 30 airplanes fly in, and they held a very successful forum.
- The pancake breakfast on Sunday was one of the best in the area - almost as good as our own, and it doesn't compete with ours. Approximately 800 meals were served.
- The lunch on Saturday was a new addition that was highly successful.
- The "Ask the Experts" forum was very successful. People walking by stopped to see what was going on and stayed if they were interested. The experts were pleased with the turnout.
- Youth activities were popular and helped to channel the energy of the young people into positive activities.
- The EAA Ford Tri-Motor was a highly successful major attraction.

But there are some problems:

- Not enough chapter members are participating. That means US! Most of the burden for setting up and cleaning afterwards falls on Chapter 410 (Sterling/Rock Falls). The Chapter 410 members are tired of doing most of the work.
- There have been some problems with parking the airplanes. The CAP is tasked with this job, but they don't know which airplanes to send to the prime display area and which to send to the "North 40". There are not enough chapter members to cover this task.
- One of our goals is to photograph all of the airplanes that fly in. This is Chapter 153's job. Unfortunately, with only 4 photogra-

phers we could not photograph all of the show planes, not to mention the "spam cans".

This Winter, each of the sponsoring chapters will be asked whether they want to continue supporting NCEAA. Voting to continue support includes the responsibility to turn out chapter members to help set up on Friday afternoon and clean up on Sunday afternoon. It also means providing enough members to run the event and make it a success. Let's think about it and discuss NCEAA in our Chapter meetings. The next NCEAA Fly-in is scheduled for September 17 and 18, 2006. 

Tools & Techniques

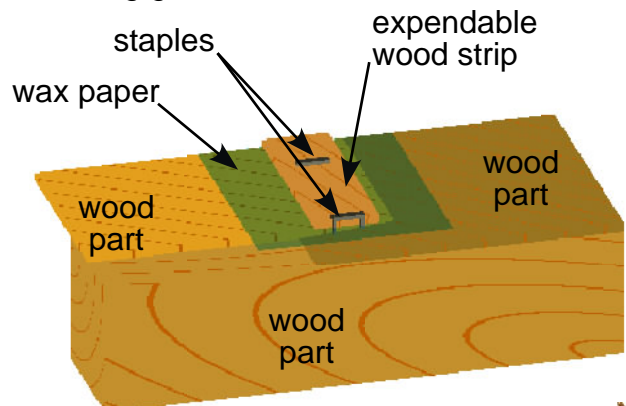
Stapling Wood Strips

by Al Dubiak

When wood strips are glued together to make the skin of an airplane they must be held together while the glue sets. The strips can be stapled down, but removing the staples without damaging the skin is a problem.

The solution is to lay a piece of wax paper on top of the wood strip. Then lay a narrow expendable wood strip on top of the wax paper. Staple through all of the layers into the substrate below. To remove the staples, lift up the narrow strip of wood. The wax paper prevents the narrow strip from sticking to the new skin below. If a staple does not come out, you can use pliers or a knife blade to remove it since only the expendable narrow strip of wood will be damaged.

Sometimes a staple will break off at the surface. If that happens, heat the staple with a soldering gun, and it will be easier to remove.




Progress Report

Joe Lienau is rebuilding the landing gear of his old BD-4. He is also building the wings of his new BD-4.

Bill Schertz is modifying the intake manifold of his Mazda 13B engine so it will fit under the cowl of his KIS Cruiser.

Jerry Borkowicz is building the rudder of his RV-7A.

John Tatro is expecting to receive the quick-build kit for his Zenith CH-601 "any day now".

Roger Cole is building the right wing of his Murphy Elite. 


Aeronautical Chart Seminar

The Chicago Flight Instructor Association invites you to an informative aeronautical chart seminar at 7:30 pm on Monday, November 14, 2005, at the Hilton Garden Inn St. Charles, 4070 East Main Street, St. Charles, IL.

The program by **Scott Landorf**, FAA Safety Program Manager of the DuPage FSDO, will feature

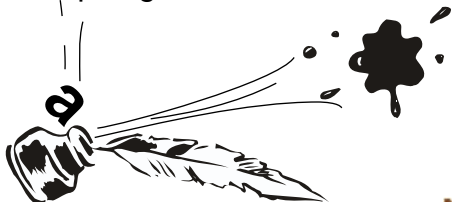
- Little know facts for all pilots
- The need to fly with current charts
- Differences between TAC's, WAC's, and Sectionals
- Current VFR chart changes
- FAA aviation safety display
- Safe piloting handouts
- Door prizes

A full-service grill is available in the Hotel.


For further information, contact **Verne Jobst**, CFIA President, at 815-385-7277. 

Errat

In last Month's Newsletter, we misidentified **Ellen Allen** as **Dolores Neunteufel**. Others in the photo were **Rick Allen** and **Cissy Rawlings**. We apologize to all.



Chapter Member Injured In Car Accident

We received word that **Hugh Curry**, a Chapter 153 member, was injured in a 50-mph head-on automobile accident. Let him know that he is in our prayers, and that we wish him a speedy recovery. 



Taildragger

Taildragger, I hate your guts,
I have the license, ratings and such.
But to make you go straight is driving me nuts.
With hours of teaching and the controls in my clutch.
It takes a little rudder, easy, that's too much.

You see, I learned to fly in a tricycle gear
with one up front and two in the rear.
She was sleek and clean and easy to steer
But this miserable thing with tires and struts
Takes a little rudder, easy, that's too much.

It demands your attention on the take-off roll
or it heads towards Jone's as you pour on
the coal.
Gotta hang loose, don't over control.

This wicked little plane is just too much.
With a lot of zigzagging and words obscene
I think I've mastered this slippery machine
It's not that bad if you have the touch
Just a little rudder, easy, that's too much.

I relax for a second and from the corner of
my eye,
I suddenly realize with a gasp and a cry
That's my own tail that's going by.
You grounding looping wreck; I hate your
guts,
Give a little rudder, Great Scott, THAT'S
TOO MUCH.

Author Unknown 

Raffle

In the October raffle, **Scott Taylor** won the Suncutters window shade and **Roger Cole** won a can of LPS-2. There were two main prizes, cordless screwdrivers, won by **Joe Lienau** and **Dan Rubino**.

The main prize for the November 11 meeting will be a Sears 128-piece tool set. This is a prize that everyone can use! There will also be some smaller prizes. \$2 buys 3 chances to win. The die will roll until someone wins. You must be present to win.

Note that there will not be a raffle at our annual Holiday Party in December. 

153 Calendar

2005-----2005-----2005-----2005-----2005-----2005-----2005

Nov 11 Chapter 153 Membership meeting, 7:30 pm at Schaumburg Airport (06C). Chapter elections. Program: "Glacier Girl - A Restored P-38"

Nov 14 Aeronautical Chart Seminar. 7:30 pm Hilton Garden Inn, 4070 E. Main Street, St. Charles IL. Contact Verne Jobst, president of Chicago Flight Instructors Association 815-385-7277.

Nov 28 Chapter 153 Board meeting, 7:00 pm at Schaumburg Airport (06C).

Dec Annual Chapter 153 Holiday Party. Time and location TBD.

2006-----2006-----2006-----2006-----2006-----2006-----2006

Jan Chapter 153 Board meeting, 7:00 pm at Schaumburg Airport (06C). Date TBA.

Jan 13 Chapter 153 Membership meeting, 7:30 pm at Schaumburg Airport (06C). Tentative program: "Shearwater."

Jan 30 Chapter 153 Board meeting, 7:00 pm at Schaumburg Airport (06C).

Feb Chapter 153 Annual Valentine's Day Party. Time and location TBA.

Feb 27 Chapter 153 Board meeting, 7:00 pm at Schaumburg Airport (06C).

Mar 10 Chapter 153 Membership meeting, 7:30 pm at Schaumburg Airport (06C). Tentative program: "ION Aircraft"

Apr 3 Chapter 153 Board Meeting, 7:00 pm at Schaumburg Airport (06C).

Apr 14 Chapter 153 Membership meeting, 7:30 pm at Schaumburg Airport (06C). Tentative program: "Nord: A French WW II Trainer"

May 1 Chapter 153 Board meeting, 7:00 pm at Schaumburg Airport (06C).

May 12 Chapter 153 Membership meeting 7:30 pm at Schaumburg Airport (06C).

May 29 Chapter 153 Board meeting, 7:00 pm at Schaumburg Airport (06C).

Jun 9 Chapter 153 Membership meeting, 7:30 pm at Schaumburg Airport (06C).

Jul 3 Chapter 153 Board meeting 7:00 pm at Schaumburg Airport (06C).

Jul14 Chapter 153 membership meeting, 7:30 pm at Schaumburg Airport (06C).

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.

President	Brian Norquist	630-307-0610	brian@norquist.net
Vice President, Tech. Counselor	Joe Lienau	630-985-8244	jelienu@sbcglobal.net
Treasurer	Scott Taylor	630-932-9624	taylorSr@megsinet.net
Secretary	Phil White	630-985-1234	philwhite9@aol.com
Director	Hugh Curry	630-289-5840	HubertCurry@yahoo.com
Director	Al Dubiak	630-830-1353	aldubiak@msn.com
Director	John Tatro	630-728-1124	john@johntatro.com
Director, Newsletter Editor	Roger Cole	630-279-7560	rcole927@earthlink.net
Director	Cissy Rawlings	847-934-4027	wonderplane@sbcglobal.net
Director	Larry Salerno	630-377-2683	thorpdriver@earthlink.net
Flight Advisor	Gregg Erikson	630-513-0641	777tiger@sbcglobal.net
Director, Past President	Dan Rubino	630-830-0559	danrubino@aol.com

Next EAA Chapter 153 Board Meeting will be November 28 at Schaumburg Airport (7:00 pm)