

EAST SIDE HANGER

VOLUME 8, ISSUE 5

MAY 2006

SAFETY FIRST
EVERY MEMBER IS A
DEPUTY SAFETY OFFICER



Next Meeting
June 11th, at the SIUE
flying field

Builders Contest

The Builders Contest was held May 21st and the weather was wonderful. We had a good turnout of flyers but only three builders entered. Each entry was skillfully judged by Scott Calvin, Roger Watson, and Ron Moidel with the following results. Congratulations to the winners!

1st Place \$75.00 prize went to Cliff Wisser

2nd Place \$50.00 prize went to Mark Rydell

3rd Place \$25.00 prize went to Earl Westergom



Club Officers

President	Scott Calvin	346-0885
Vice President	Craig Watson	656-3834
Treasurer	Ron Moidel	288-7070
Secretary	Earl Westergom	288-6214
Safety Officers	Ryan Von Talge	407-2920
Membership	Cliff Wisser	656-4213

Board members

Roger Watson
Dwight Hayen
Cliff Wisser
Tom King

Spring Meetings @ the SIUE flying field

Meetings are normally held on the second Sunday of each month at 3PM. See you there.

Aviation Truism (mostly true)

“When one engine fails on a twin engine airplane, you always have enough power left to get you to the scene of the crash.”

Anonymous

CALENDAR OF 2006 EVENTS

- **Rescheduled Public Fun Fly & Swap Meet**
 - 11 June @ 1 PM
 - Hot Dogs, Hamburgers & Soft Drinks free
 - Poker Draw for prizes
 - Please bring a side dish of your choice
- Pylon Racing (Most Weekends)
- Float Fly (Joint event with the Belleville Club)
Date TBD
- Club Picnic/Fun Fly/Meeting
10 Sept at 1 PM
- Christmas Party
At Scott's new home – date and time TBD

Our web site is
www.eastsiderclub.com

Safety – or the anatomy of a crash

This is a picture of your humble club secretary & news letter publisher's new (now old) .46 Giles 202 ARF (Phoenix Models). I had a crash after the builders' contest that put me in the lead for the club's annual crash helmet award. What went wrong???? That question still has me scratching my head! This model is a great flyer and has been flown several times before without incident.



Here is the sequence of events. The flight started with a normal takeoff and climb to pattern altitude. The engine was running rich so I made one slow speed circuit in the pattern at less than 1/2 throttle to land and adjust the mixture. Just prior to turning on base leg, everyone at the field heard a loud and rapid control vibration lasting about 2 seconds – then quiet. I went to idle and discovered that I had no aileron control. The model went into the tall weeds to the south of the field. The engine and fire wall were torn off and the nose up to the leading edge of the wing was small pieces of balsa. The wing and remainder of the fuselage were undamaged. It was a challenge but short of a new cowling, I already have it repaired.

Ok, the post crash inspection confirmed that the ailerons were hooked up correctly - all control linkages were still intact and tight – there were no gaps between the ailerons and the wing – again, very slow speed - no reason for control flutter. Closer inspection revealed that **both aileron servos were badly stripped**. I find this interesting since they were both new servos and were running off of separate receiver channels.

The only thing that was “different” about this model is that I installed a 6 volt (NICAD) receiver battery rather than the standard 4.8 volt battery. I can not prove it, but I believe I had a transitory over voltage from the 6 volt battery that caused both servos to vibrate and strip. I called Futaba and they confirmed the servos are rated for 6 volt use. They have never heard of an incident of this type. Cliff Wisser uses 6 volt batteries but runs them through a voltage regulator to protect his receivers. I will start doing the same thing – but it looks to me like servos also need protection when using a 6 volt battery. Anyone out there have any experience with a similar problem? Please contact me if you have. Cheers, Earl

A Reminder - if you change your email address, please let the secretary know. Email news letters save the club over \$300 a year.

Membership

As of the last meeting, we have 40 paid up members. Please wear your 2006 membership cards at the field! It's the only way we can tell whose AMA and ESRC membership are current.

FOR SALE BULLETIN BOARD

Jim Wilson (618) 462-7413

- Two 7 channel receivers for sale. \$25 ea

Jeffrey Anderson (314) 283-9732 offers the following for sale:

- 1/4 scale Piper Cub \$120. Aircraft only, 81" wing span (clipped) ailerons need to be completed
- Electric RTF plane \$75 New in box, 550 motor
- 70 size 3D profile airplane \$110. 59" wingspan, brand new

Joe Shaw (618) 462-8321 jdshaw2@juno.com offers the following for sale:

- LT40 trainer \$275 (firm)
- JR servos (NES507) & JR Max Xmtr Ch 39, OS 46FX engine, ready to fly
- Phaeton Biplane \$100. OS 40FX, no radio gear

Your Free Add Here

Send an email to Earl at wingsw@sbcblogal.net or call at 288-6214

Club Instructors

All instruction is by appointment only. New members should contact an instructor to complete their training and obtain approval for solo flight.

Fixed Wing Training

Scott Calvin	346-0885
Brian Ludwig	692-0038
Andy McKellar	667-8378
Ron Moidel	288-7070

Helicopter Training

Scott Fitzgerald	558-8064
Ryan VonTalge	407-2920