

PLANE TALK

Lancaster County Radio Control Club, Inc.

www.lcrcc.us

Meeting Notice

When: Thursday November 4th at 7pm.

Where: LCRCC flying field - RAIN OR SHINE

Agenda: Business meeting, Come and participate in running your club

Quad Rotor Flying

I have long been interested in flying a quad rotor, but didn't have the time or patience to find all the details on the internet to piece one together. Just before going to NEAT, I heard about the Gaudi 330X-S. It was a complete kit including the motors and electronics. All the modeler needed to supply was a radio receiver and battery. With that info in hand, I went to NEAT and promptly purchased one. My hope at that time was to have it built in time for KIEF and use it to take a few videos.

Once I got home, I realized this was not going to be a typical helicopter build. Parts count was very low, and everything fit together like a jigsaw puzzle. The main structure was made from G10 material, and besides that, there were a bunch of screws and spacers. The aircraft went together in about four hours with me taking my time. Someone on the internet said they put theirs together in an hour. They probably didn't go through all the gluing steps that were recommended, but I did. Anyway, this was not suppose to be a race, but with KIEF swiftly approaching, I needed to get it in the air.

Initial test flights were interesting. Aileron and elevator were very sensitive and rudder was a little slow to react. Adding some expo helped a great deal with me settling in on about 20%. Initial hovers were done in some winds (remember, I was on a timeline), and getting the gains right for the gyro's was difficult to assess. Finally

got those right about two days before leaving for KIEF. At that point I added a small camera from Hobby Lobby to the top of the model. It is the stripped down version of the FlyCamOne and I have had good success with it taking videos. Of course when I added the camera, the quad started wobbling. Backing down on the gains gave me a stable vehicle as I was leaving for KIEF.

In parallel with all this I was constructing a box to carry this in. I found out that the UPS Store had "luggage boxes" that came ready made with a handle. All I had to do was cut some Styrofoam inserts. Maybe I'll write a quick article on that for next month.

So how did it fly at KIEF? I had a great time and actually added another 4 ounce camera to the Quad during the event. The video was being shot for SKS Video and may appear in the DVD they will produce about KIEF. If so, it will probably be only a few short seconds, but now I know I can haul at least that much weight without worrying about battery life. Still could fly for over 10 minutes with that extra weight.

Overall I am really satisfied with this little quad rotor and expect I will be flying it quite a bit at the field.

Ron Angle

Club Calendar

Unless otherwise specified all meetings will be held at the field

Saturday November 6th, 11am

Fall clean-up

Thursday December 2nd, 7pm

Meeting in the clubhouse

2010 Club Officers

President	Peter Caddick	393-8684
Vice-President	Craig Peck	475-2482
Secretary		
Treasurer	Walter Berko	656-8733

2010 Club Officials

Safety Officer	Rick Rutter	859-1466
Field Marshal	Charlie Zirkel	610-273-9044
Newsletter Editor	Jim Wiker	682-7175
Webmaster	Robin Church	203-1275

Flight Instructors

Roy Bender	293-1513	Airtronics, Futaba, JR
Bob Heine	355-0827	Airtronics, Futaba
Peter Caddick	393-8684	Futaba—heli/plane
*Jeff Troy	392-0353	Futaba, JR.
*Warren Wasiewski	399-3811	Airtronics
*David Muchmore	519-6972	Futaba
*Phillip Adams	354-8059	Futaba

* - Apprentice Instructors

Instructors are available to members for flight instruction and training. It is advisable to make arrangements with an instructor before coming to the field.



LCRCC October 2010 Meeting Minutes

Date: 7-Oct-10
Time: 7pm
Venue: LCRCC Field

Open Meeting – start time: 7pm

Welcome to New Members or Guests

Bill and Kyle Reilly were voted in as new members, they presently do not have a plane and were seeking input from members as what to purchase.

Minutes of Last Meeting

Minutes were posted in the newsletter. Motion passed to accept.

Reports

President – Peter

Still seeking a secretary for the remainder of 2010 and 2011.

Seeking ideas for events for next year, please email Peter with your ideas. People asked for Speed Day to be repeated for next year.

Vice President – Craig

Read results of Speed Day - unofficial fastest was Andy Wargo's Great Planes Rifle. Details will be printed in the newsletter.

Secretary – vacant

Treasurer – Walter (absent - report read by Craig)

Accounts have been rebalanced

- 2010 Membership statistics.

Regular	53
Retired	14
Junior	4
Honorary	3
Total	73

Central Penn

On track. New for next year are advance ticket sales with a special entrance.

Safety Officer – Rick

No report

Field Marshall - Charlie

Thank you to all who helped seed the grass. There is evidence of new grass growing.

Newsletter Editor – Jim

Walter will start this role with the November newsletter.

Webmaster – Ron & Craig

No report

Old Business

We are still accepting T-shirt orders, see website for details. We are awaiting to amass a sufficient number of orders before placing our order with the supplier.

New Business

Motion passed to request the investment committee to investigate the cost of having someone manage our portfolio. Warren agreed to convene the committee.

Warren volunteered to restock our First Aid kit, thank you Warren.

Reminder given to all members to 'pack out' what you brought to the field, litter id starting to be a problem. For the smokers - please remove your cigarette butts.

Porta Pottys need to be cleaned, and the old one needs to be removed - Peter to contact Bob. We need to check that Edy's have a key to the gate.

15-17-Oct		Keystone Indoor Electric Fly (KIEF)	
4-Nov	7pm	Field	Club meeting
6-Nov	11am	Field	Fall clean-up
2-Dec	7pm	Field	Club meeting

Close Meeting – close time: 7:34pm

Next meeting will be at 7pm on 4-November at the field.

Submitted by Peter Caddick