

# EAGLES TALES

## Academy of Model Aeronautics

Charter #2951

### CLUB OFFICERS

President – Ronald Dale II Vice President – Tom Seres 765-620-6983 Treasurer – Russell Kelly 765-883-5958  
Secretary/News Letter Ed. – Rafael Molina-(765)689-8369 Officer @ large – Bob Parker 260-571-1288 Safety Coordinator – Bill Timberman

Web Address - [www.converseeagles.org](http://www.converseeagles.org)

### MEETING MINUTES

**06/01/2010**

**By Rafael Molina**

The June club meeting for was called to order at 6:00 P.M. at the Converse Eagles Flying Field by our president Ron Dale II. Other officers present were: Russ Kelly (Treasurer) and Tom Seres (Vice-president), Bob Parker, (Officer at large), and this editor. The minutes for the month of May were amended to correctly note our current treasurer is Russ Kelly, and not Russ Walden as it was incorrectly shown. A motion to accept the minutes as amended was places by Russ Walden and second by Mike King. The motion was accepted.

### DRAWING

“Lucky Bill” Timberman our own Safety Coordinator was the recipient of this month Kidsville \$15 dollars gift certificate. Congratulations!

### TREASURERS REPORT

Russ Kelly presented the club financial situation and all details to all those present. Those interested in obtaining this information please direct your enquiries directly to Russ. A motion by Larry Blanton to accept the treasurers report and second by Kaleb Worl was unanimously passed by the membership

### NEW BUSINESS

A motion to accept Tom Seres Jr. as club member was presented to the membership by our president and it was approved by

the membership. Welcome aboard Tommy.

Russ Kelly informed the membership that Dennis and Penny Myers have joined the club once more as our sponsors. We want to express our appreciation to Dennis and Penny for their continued support to our organization throughout so many years, thank you both.

Russ Kelly provided a sign-on sheet for those members interested in providing the club with their e-mail addresses so we can e-mail this newsletter. Sending the newsletter via electronic mail saves the club a good amount of postage and paper. The participation of the membership in this service is greatly appreciated by all of us. If you desire to join in this service please contact me or Russ and provide us of your e-mail address. Be assured your address will be only utilized for club business only and that all mail will be directed though a “Blind Copy” list so your address will not be shown to other members.

We were informed that Bill Lucas is going to undergo intensive therapy treatment soon. We all wish him and Ellen our best and we will keep on praying for his recovery. Good bless you both.

We were also informed that Matt Denham father in Law passed away recently. Our deepest sentiments and condolences for Matt his wife and his family.

### OLD BUSINESS

Our most pressing business this time around is the coming Gas Fly event planned for June the 19<sup>th</sup>.

Howard Martz, who was present at the meeting despite his health condition (God bless his soul) let us know that he have made arrangements to provide publicity through the local radio in Grant county. He has been in conversation with Tim George from stations WMRI, WBAT and WCGC in Marion. They will provide a spot for an on-air interview for us to inform the public of the event. Besides they will provide air time to broadcast short promos throughout the coming days. We all owe Howard our most hearth felled appreciation for this effort while he is still recovering from a serious health condition.

Russ Walden let us know he may be able to provide some publicity through WWKI (Kokomo) to help on this project. The membership gave Russ a round of applause for such dedicated support to all of our activities throughout all his time as a member. Thank you both, Russ and Howard you are some true friends and gentlemen.

We need as much help as possible to make this club event a big success. And we will like for all those members that we have not seen for some time to be present.

Dolores Johnson (Mack’s wife) was so kind as to type a list of the necessary food and drink items we will needing for the fun fly.

The rest of the meeting was spent filling this list with the members that volunteered to provide the specific food items. All members present were very enthusiastic in volunteering their help and we are happy to inform all of you that this area of the Gas Fly event is very well covered.

The club will be providing a free meal complimentary to all the registered pilots attending. Food will be sold to the general public at the prices established on our last club swap meet.

The engine raffle and door prizes was discussed. Bob and Mike volunteered to handle the door prizes and possible a Fifty-Fifty raffle to raise more funds.

The club will be providing an extra (Handicapped) Port-A-Potty for the use of Handicapped visitors and the ladies attending the event. The current facilities will be cleaned and sanitized prior to the event.

Tom explained the need to provide the a release of liability form to be signed by all participating pilot. This form will include the AMA requirements and the specific event rules. He enumerated the following specific event rules.

- 1. No 3D flying over the runway. Any maneuver that stops forward motion of the aircraft over the runway is prohibited.***
- 2. 3D only permitted over the corn fields.***
- 3. No flying permitted over the pits. Any pilot violating this rule will be grounded.***
- 4. Spotters are mandatory.***
- 5. Flying will closed during the noon demos.***
- 6. Direction of pattern flow will be determined by Contest Director and will be enforced by the field marshals.***

Ron reiterated to the membership that the purpose of this event is to have as much fun as possible and if anyone feels stressed out for any reason, please ask for help from any other member. We are all together in this so we will help each other.

Ronnie informed us of the status of the repairs on the lawn mower. Unfortunately the mower requires a very special type of idler wheel that is not readily available so it has been ordered through one of his business vendor and there is no update as to availability at this time.

In the meantime Ron has been able to mow the grass with equipment borrowed from his place of work. He has been doing all this work himself so Bob and Mike suggested he let them know when he can make the mower available so they will help him on

this chore. We all appreciate the extra effort Ron has been doing to keep our field on such great shape.

On that same line Ron informed us that in order to be able to spray the field he had purchase a sprayer. Mike made a motion for the club to reimburse him for the equipment since we really needed to maintain our field. Bob second the motion and it was approved by the members present.

### Safety Report

Due to the lengthy discussion during this month meeting there was no time for our monthly safety report.

### Show & Tell

I had the pleasure to present the members with the bare bones frame of my latest work in progress. This model consists of a 99" Dynaflyte Butterfly kit I am in the process of completing. The Butterfly is a very old and venerable kit that has been sold for many decades now. I believe this kit to be the perfect training platform for beginners of all ages.

Only of a three channel configuration and practically being a motorized glider, it offers the beginner ample reaction time and the ease of single stick controls.

When completed I will be offering free lessons to all those interested, so tell all your friends and family and bring them on to the flying field for a lesson. Lets get the R/C "bug" contaminate those around you.

A motion to close the meeting was made by Bill Timberman and second by Mack Johnson.

### TECH CORNER

This month I will like to introduce a new column to the monthly newsletter. I am calling it Tech Corner because I will focus on introducing new products related to all facets of our hobby.

Some of you may be aware I am very particular in my choice of electronic systems for most of my models. One of

my most demanding "pet" peeves is redundancy and hardware toughness.

I believe that it will require for an extreme amount of amount of pilot experience can save a plane from a catastrophic in-flight failure. In my experience most in-flight failure are caused by two specific problems. One is that of electrical power loss and the second is the loss of control authority to the flying surfaces (ailerons, rudder and elevator).

For those reasons I am always on the lookout for new and more efficient subsystems to ensure redundancy and hardware durability and strength. Any extra amount of dollars invested in these two areas will be insurance money well spent to avoid an accident.

On this instance I want to talk about investing in good strong and efficient servos in order to assure consistent flying surface authority. Besides good rigging techniques of control rods, Pull-Pull cables and horns there is no other component as critical at the hearth of controlling your model than the servomotor mechanism.

I have not tried the following products yet but I am very excited at the specification provided by the manufacturer. I am referring to the servos being sold by [All e RC](#) and marketed under the Hyperion brand.

All e RC stocks many different brands of servos from several manufacturers i.e. Align, All e RC (their brand) GWS, Hitec and Hyperion.

One line of servos that caught my attention were the ones produced by Hyperion. This line of servo covers eighteen different types of programmable digital servos. There have three Micro Servos and two high torque mini servos. There is one fully programmable digital wing servo and six other "Standard" size servos in different configurations. Two of them (models DS20x) are Direct Digital with coreless motors. The other four while not coreless offer the choice of producing Ultra High Torque/Low Speed, High Torque/Speed Blend, Moderate Current, Ultra High speed for Heli Gyro or Very High Speed/Low Current.

One specific advantage of these servos, besides the fact that they can be easily programmed from your PC with the addition of a USB cable adapter (\$17.95 plus shipping) and the free software available from All e RC is their moderate cost.

While most manufacturers demand well over hundredths of dollars for their high torque digital coreless servos Hyperion charges only \$47.99 for their top of the line coreless servo.

I was very impressed with their [specs](#)

which unlike most other manufacturers provide not only their Dynamic Torque but also the Holding Torque at their design speed in either 4.8v or 6.0v.

As an example their Ultra High Torque servo is advertised at a Dynamic Torque of 486 oz. and 0.18 sec. at 6.0v. The Ultra High Speed model is advertised at 0.05 sec. and 70 oz. at 6.0v. Both servos sell for \$38.95 each.

There is no current draw data available from the manufacturer but they advertise their servos to be able to support the new

LiFeO4 (Lithium Nano-Phosphate or 123) high voltages battery packs up to 7.0v without degradation to the servo life. This fact is endorsed by All e RC since this servos are the recommended ones when you purchase any of the new [G3 LiFePO4's](#). They state that many servos on the market, and particularly many of the lower-cost analog types, cannot operate at the voltage supplied by these LiFe Receiver packs. Attempting to use a servo rated for maximum of 6V or less WILL RESULT in reduced servo life, and may lead to in-flight failure. So buyer....beware.



[Redwing RC - Specialist in 28cc and 30cc , 1/4 Scale aerobatic models and sponsor for the June 19<sup>th</sup> Gas Fun Fly](#)

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JUST MINUTES AWAY FROM  
ORLANDO INTERNATIONAL AIRPORT

[Bob's Hobby Center at Steve's Hangar is now the North America distributor of rcAero engines and a sponsor of the Gas Engine Fly-In!](#)

**NOTICE:**

***Any member receiving this Newsletter that desires to cooperate with the club by receiving the Newsletter via E-mail.***

***Please contact me and let me know at:***

***ramolina7@yahoo.com***

***By decreasing the postage expenses the club will be able to provide other services to the membership***

***Remember, Absolutely No Flying While the Grass Is Being***

**Converse Flying Eagles RC Club Inc.**  
**P.O. Box 214**