



## *Flying Eagles Inc.* *Newsletter for March 2010*

Date: March 18, 2010

Next Meeting: April 1, 2010

**Location:** The meeting will be held at the Alice & Jack Wirt Public Library, 500 Center Ave (corner of Madison & Center Ave) Community Meeting Room located in the entranceway of the library. The Flying Eagles Club meetings are open to the general public.

Time: 6:00 p.m.

### **2010 CLUB OFFICERS ARE:**

President: **Tom Dearden**

VP: **John Szelogowski**

Treasurer: **Armond Kowalkoski**

Recording Secretary: **Dave Kasper**

Safety Coordinator: **Dave Kasper**

Newsletter Editor: **Ellen Kasper**

### **Club Trustees:**

Peter Liehr

Rich Herzberger

Randy Hemingway

John Szelogowski

Dave Kasper

Visitors are always welcome to the club meetings and to join us at the club flying field. The flying sight is located at 5710 S. Mackinaw Rd., Bay City, MI.

**Anyone interested in flying or in improving his or her skills should contact our club instructors:**

Dave Kasper  
989-894-4670

Richard Herzberger  
989-686-3457

John Szelogowski  
989-893-5769

## MEETING MINUTES

Tom started the meeting on 3/4/2010 at 6:10pm at the Wirt Library with 8 members present. Five visitors, John Baillargen, Wayne Heminghaus, Bob Armstead, Larry Alcorn and Dennis Averill attended our meeting. Bob Armstead and Larry Alcorn paid their dues and were voted in as new members.

Minutes from the previous meeting were accepted as printed in the February newsletter.

**Treasurer's Report** –The treasurer's report showed a balance of \$1296.05 in the checking account.

**Safety report** – Dave went over a recent TFR (Temporary Flight Restriction) that included our field on February 16<sup>th</sup>. While Vice President Biden visited Delta College, no flying was allowed within a three mile radius of the college. Restrictions such as these include model aircraft and having the US Secret Service visit our field could be a rather uncomfortable experience. Occurrences like this are rare, but obviously do happen, we must therefore all make a conscious effort to be aware of them and alert the other members when one could affect us. TFRs and NOTAMs (NOTice to Air Men) are continuously updated on the AMA webpage. It's worth taking a look if you've never seen one of these before.

**Web report** – John introduced the new members to the features of the club web page. This was also a good refresher for all of the existing members that attended. Don't forget, club members can post pictures on the web page as well.

**Board report** – The report was given by Peter which covered:

- Planning for the Fly-In at Clements airport needs to be started now. Due to the size of the facility, there will be additional complexities that didn't exist in the past. It is therefore extremely important that we have the participation of as many members as possible.
- Ellen Kasper has graciously volunteered to put together a display in the Library showcase (upstairs, across from the elevator). This will show the many facets of our sport and club and will be up from the week after Easter through May.

### Old Business:

- No old business this month.

### New Business:

- Tom attended a presidents meeting at the Chesaning swap meet to discuss a reciprocal agreement between the Midland, Saginaw, Frankenmuth and our club. Some of the rules that must be followed will be:
  - A member of the home club must be present.
  - All rules of the field that is being visited must be followed.
  - At this time this will allow for an unlimited number of visits, but if abused, this will change.

A motion was made and passed to approve this agreement.

- Tom also brought up that Brad from the Midland club is now doing the coordination of the summer events for the area. It was decided that we would have our fly-in late in September. Peter will be working with the Bay Aero Club to work out the exact date.

Although not from the swap meet, Tom brought in a Zero that he'd been working on through the winter. He did a nice job on this complicated kit and it sure looks like it's going to be quick! May the forces be with you Tom! (you know, lift, thrust, lots of drag, very little gravity)

Meeting adjourned at 7:20pm

Welcome to our newest club members: Bob Armstead and Larry Alcorn!

**Upcoming Club Events:** Tentative opening of the field on May 1st.

**Upcoming Events:**

Frankenmuth Aero Modelers Club presents:  
Indoor Flying at the SVSU Ryder Center, 6:00 p.m. – 10:00 p.m.  
7400 Bay Rd, University Center, MI:

March 21<sup>st</sup>

April 11<sup>th</sup>

Cost is \$8.00 if you're flying (\$5 to SVSU, \$3 to Frankenmuth Club) Free for spectators!

These are the last two indoor flies till October. Be there or be square.

**Airplane Contest**

February's aircraft was a Lockheed XFV-1, a "tailsitter" VTOL (Vertical Take-Off and Landing) aircraft.

This aircraft was correctly identified by 4 members. From those correct answers, the winner was drawn. March's winner was:

**Mike Massey**

**Way to Go Mike!**

Now, for this month's challenge, let's see how you do. I'd like to hear from some more of our members too. I love getting the emails from our regular participants. You guys are awesome.

Let's encourage everyone to participate in the contest.

## Name that Aircraft:



- Airplane Contest Rules:
- Only paid members of the Flying Eagles Inc. Radio Control Club are eligible to win. All entries must be emailed to [emkasper@speednetllc.com](mailto:emkasper@speednetllc.com) BEFORE the day before the meeting (before Wednesday). The winner will be drawn from all correct entries that have been received by that date and presented during the regular meeting (need not be present to win, even if you have won previously, you are still eligible to enter every month).

## TIPS: How to Trim your RC Plane

There are three methods to trim a model - adjusting the forces so that it will fly hands off.

1. **Inflight** - Use transmitter levers to correct any anomalies. This measure is only temporary, and should be followed by the correct adjustment to the control neutrals once you're on the ground.

2. **Between Flights** - Adjust the neutrals. Though not a final solution, the model rc plane can be flown temporarily with offset controls.

3. **Permanently** - To Trim using this method demands a little patience, but is well worth it in flying pleasure. Check the airframe as follows:

1. First, check for unhindered control surface movement (there should be no slop). If the control surfaces won't center properly, the plane will never fly straight and level.
2. Ensure the plane is assembled the same way every time. If rubber bands are used to hold the wing in place, then mark the wing and fuselage to ensure correct positioning each time.
3. Ensure the fin is centered with the stabilizer, and that the stabilizer is level with the wings. If the horizontal stabilizer is low or high on one side, the model will screw in loops.
4. Make sure the trim and balance point of the model, right/left CG, falls on the mid span of the wings. If this is not achieved, the model will only fly straight and level at one speed, and will always attempt to roll out of an inverted flightpath. Do the following to achieve this:
  - a. Stick a pin in the top of the rudder and attach a hook to the center of the nose, and secure the hook with rubber bands. Let the model hang freely. To get it balanced, add wood screws into the tip of the foam wing, opposite from the low wing.
  - b. Once the balance is achieved, take the plane into the air and trim it there. While in the air, you'll adjust the control surface throws and trims. You will also further fine tune the balance.

The following chart illustrates faults and subsequent adjustments for high wing models (trainers) without aileron control to check the balance of the model:

Click here for the rest of the article <http://www.rcplanetalk.com/trim.html>

If you have an idea for a tip or an article to share, email me at [emkasper@speednetllc.com](mailto:emkasper@speednetllc.com) I'd be happy to print your ideas.

Until next month,  
*Ellen Kasper*  
Newsletter Editor



Visit us on the internet at <http://www.flyingeaglesinc.org>