

## Winter 2012

# Thermal Journal

Dedicated to the never-ending battle against the law of gravity

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Submissions the Thermal Journal in the form of letters to the editor, articles or photos (please include appropriate caption information) are always welcome. Use the editor's address provided above. All photos in this issue were by the editor or shamelessly taken from the web.

### The Editor's Ramble:

Many of you have probably noticed the pattern of content which appears in the TJ by now. This being the Winter edition, it is time for the contest announcements. That is because the planning meeting for the year's meets happens in January. This year's meeting was hosted once again by the ever gracious Banes, Brad and Ruth. Although we had a light turnout, the conversation was lively. It may be hard to imagine, but with just five modelers discussing the next year's flying meets, we frequently had four conversations going on at once. With all that energy and enthusiasm, you know something good had to come of it.

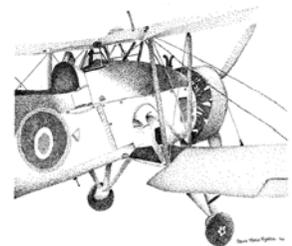
Well, there certainly is good news. Once again the Hobo Meet is on. The lineup will remain pretty much as it was last year. As everyone should be aware, our luck with the weather for this meet has not been that great in a number of years. Despite our best efforts, we couldn't come up with any way to change the flying events to accommodate the risk of bad weather. Poor field conditions last year precluded any real contest flying so we will plan on the same line up as last year. Once again, no prizes or awards so at least the club is not risking any cash or excessive volunteer effort. The Hobo does provide an early opportunity to get out to the field. Take it as such. Even if rainy or blustery weather limits the flying options, the social side still shines.

Next up is the "Practice Session" announced at the annual meeting in November. This flying opportunity came about because the original ESFFC was scheduled before the dates for the AMA Nationals had been announced. When the AMA Nationals were announced, it turned out that it would be difficult to attend both events if we had held to our original weekend. Brad contacted the HAG office and arranged for a different weekend for our ESSFC (wisely assuming the AMA would turn a deaf ear to a request to move the Nationals) and held onto the originally scheduled weekend.

*The Editor's Ramble continues on page 2*

### Dates to keep in mind:

Indoor flying - February 18, March 3, 17 and 31, from 2 to 4 PM  
Hobo meet - May 19 & 20, 2012 at HAG museum field  
FAC Champs - July 18~21 at the HAG Museum Field  
Practice flying and Caribbean Cruise at HAG Museum Field - August 10-12, 2012  
ESFFC - August 24-26, 2012 at the HAG Museum Field  
GGG - September 21, 22 & 23 at the HAG Museum Field  
Annual meeting for 2012 - November 10, 2012. (It's never too early to make plans!)  
Don't forget to check out WNYFFS website: <http://www.wnyffs.org>



**The Editor's Ramble:**

As of the annual meeting in November, that was all we had regarding the "Practice Session". At the planning meeting, we quickly came to agreement that the best use of the field would be to have an open weekend for practice for club members but we wanted to do a bit more than just trim out models. The discussions eventually lead to the idea of inviting those new modelers who frequently come out to the meets to talk about modeling and ask questions. Some of them are already fliers and some are just thinking about it. For the active flyer, it is difficult to take time out to answer questions or help someone trim during a competitive meet so these curious potential participants are too often given limited attention. This Practice Meet is our chance to change that. The idea is to invite those interested in getting a model flying or asking more questions to come on out to the Practice Session. (Dates for all these activities are listed on the front page.) Wouldn't it be great if we then saw some of these modelers at the ESFFC which is scheduled shortly after the Practice Session?

The difficulty is in getting the word out that this opportunity is available to those who might be interested. One way is to promote it at the FAC Nationals. The FAC Nats is a few weeks before the Practice Session. Since vendors are usually out in force, it is conceivable that someone might even be able to purchase a kit and have it built in time for trimming help at the Practice Session. The Yankee Air Pirates will have information available at the FAC Nats. Check out the Yankee Air Pirate News for more particulars.

There does not seem to be an analogous way for getting the word out to flyers whose interests lie in other areas such as SAM or AMA flying. Consider this your chance to promote free flight in your own backyard. If you have an idea for getting the word out do so and we may just end up with more modelers than we can handle!

So that brings us to the ESFFC; our big meet. Several changes are in the works for this event. For one thing, the ESFFC has always included the Old Time Rubber event which includes fuselage and stick models of any size in a single event. For 2012, this event will be split into separate fuselage and stick categories. Wingspan limits will not be used for these two SAM events but FAC events for Rubber Fuselage and Stick have been included now for the first time. In those FAC events, wingspans are limited but models can be scaled as needed to meet wingspan limits. In addition, FAC does not allow folding props and Rise Off Table launch is required for the Fuselage event. If those two additional FAC events are not enough, a full slate of FAC flying is now included on Friday.

In order to add a new form of Power Duration competition, Brad Bane and Joe Mollendorf have cooked up the *Free Flight Power Scramble* event. *Power Scramble* will allow fliers to compete regardless of displacement. Flights will be flown in rounds with short launch windows. Such a flying schedule emphasizes model performance over air picking. Having short quick rounds should also make the event more spectator friendly. Elimination of flyers during a round will be based on the flight max as noted in the flyer included in this edition of the TJ. Check it out, if you have any questions or are interested in the event be sure and contact Brad or Joe. Both of their email addresses are listed in the masthead on the front page.

Well gang, if that doesn't whet your appetite for some free flight action this summer; you better check your pulse. As a former co-worker used to say, "It don't get no better than this".

*Till the next time, build light, build straight and fly often.*

*Mark C. Rzacca*

# YANKEE AIR PIRATE NEWS



It has been less than a year since the Yankee Air Pirates become an official squadron of the FAC. In that short time the Pirates have not just been sitting idly about. Not only do the Yankee Air Pirates have the best in FAC squadron patches, a facsimile of which is used as part of the masthead for this very column, but we now also have a squadron flag. First Mate Mary Jo has transformed a plain old skull and crossbones flag (a.k.a. Jolly Roger) into genuine pirate treasure. At its unveiling, it was generally acknowledged to be among the best of squadron flags, ever. Later on, formal polling conducted by a respectable research institute (anonymous by request) has confirmed that the Yankee Air Pirate flag is indeed the best squadron flag for an FAC special interest group of the Western New York Free Flight Society! If you have any doubts, just feast your eyes on the photo of the banner in question.

You might think the Yankee Air Pirates would now kick back and take it easy for a while. Think again balsa bender. The Pirates are not a group that quickly turns to resting on their laurels. (Keep in mind that pirates generally are loath to even admit that they know what laurels are, much less be seen in public resting on them.)

Instead of lounging around on the poop deck leisurely like, the Pirates will be holding a very lite FAC contest at the Practice Session in August. There will only be four events each on Saturday and Sunday. That way we will have plenty of time to trim out any new or recently repaired ships. In addition this lite contest will be promoted at the FAC Nationals held in July. This promotion will focus on interested spectators and newer fliers. We've all experienced the questions from observers or even beginning fliers. Likewise, we have all been on the other side before; you show up at a contest with some interest in free flight but feel a bit intimidated by being the stranger where everyone else is preoccupied with the hustle and bustle of the contest. All we want is to ask how to get started but everybody is busy and focused on their own flying. Having been on that side, we would really like to help, but we are at the contest to fly and compete. It is especially hard to take the time needed to help someone with a new model they are trying to trim out. Well, this is our chance to take a little time and maybe build a bit more interest in Free Flight activity in the upstate region.

Anyway, this mini FAC meet at the Practice Session will be called the *Caribbean Cruise*. (Cool name if I do say so myself. I'll even bring down some Margaritas to share!) Think of it as a shakedown cruise for any interested new flyers and a relaxing time to enjoy less hectic flying at the Historic Aviation Museum field. For reference, here are the events planned for the Caribbean Cruise:

## *Caribbean Cruise Events*

### ***Saturday August 11***

FAC Dime Scale

FAC Embryo Endurance

FAC Phantom Flash

FAC Mass Launch WWII.

### ***Sunday August 12***

FAC Golden Age Military & Civil

FAC 2 Bit + 1 Rubber

FAC No Cal Scale

FAC Mass Launch race planes, Bendix, Thompson & Greve.



We're not expecting a big crowd but who knows, we may give just enough of an opportunity to someone interested in modeling but reluctant to take the plunge into the void. We are not promising outstanding results or offering a tutorial; it is the same support, advice and friendship that we have all come to expect and enjoy when we are out flying our models. That is part of what makes the modeling fraternity special. Sometimes it is easy to take that for granted and this is just one way to make sure everyone interested knows that the welcome mat is out for them. Enough philosophical motivation already, back to the nuts and bolts.

Since this will be advertised at FAC Nats, anybody interested will have the option of buying a kit from the vendors typically present. There will be sufficient time for an *enthusiastic* builder to prepare his pride and joy for the Caribbean Cruise. The Cruise will presumably be enough to get a model trimmed out and ready for a real contest. And what a lucky break for the individual in search of a contest to continue what is sure to be a lifelong interest! Just a mere two weeks after the Caribbean Cruise, the Pirates will be hosting the Pirate Challenge at the Western New York Free Flight Championships. Amazingly enough, the Pirate Challenge will include all the events flown at the Caribbean Cruise.

It would be great to include kit recommendations as part of the promotion of the Caribbean Cruise at the FAC Nats. Most of us are familiar with the usual vendors present at the Nats. Take a look at the event list above and think of what you might recommend to anyone interested in testing the waters. Write up a paragraph or two explaining why this is a good kit for a particular event and maybe even a couple of suggestions that might make the building a bit easier. These ideas will be pulled together for inclusion with the promotional material. I cannot think of any kits for No-Cals but if you have favorite plan that is appropriate, send the plan and building suggestions along.

The Pirate Challenge will have FAC events flown on all three days of the ESFFC, unlike in previous years where FAC events were flown on just Saturday and Sunday. That makes for a complete a slate of FAC events as one could imagine.

*See you there matey!*

# THE YANKEE AIR PIRATES VIETNAM JET EVENT

1. Event will be conducted to FAC rules for Jet Catapult Scale (event #20 in 2012/2013 rule book). Winner is eligible for a Kanone (of course, that is, if we have three or more contestants).
2. Entries will be limited to manned jet aircraft that participated in the Vietnam War. If your model is not one of the well-known aircraft that everyone knows was there (such as the F-4 Phantom II, F-105, MIG-21, B-52, or A-6A Intruder), be prepared to defend your choice.
3. Coloring and markings appropriate for Vietnam are encouraged but not required.
4. Some of us have found our efforts at producing a Jet Catapult Scale model have resulted in performance less than we hoped for. So, in the spirit of the Yankee Air Pirates, at the end of the day we'll have a target landing contest (ala lawn darts) for any and all FAC Jet Catapult Scale models. One practice try allowed (must be announced as a try before "flight"); one "flight" for record; closest model wins. Prize will be some piratical liquid refreshment.

## Now it's **OFFICIAL**

This event has been approved by FAC GHQ. Ross is strongly encouraging participation in this event so you better think twice before you blow off this simple event. You don't want the wrong side of the man from GHQ. Thanks again to Jerry for suggesting the event and sponsoring the spot landing event. In recognition of this august inaugural event, we will award a six pack of liquid refreshment to the winner of the regular event as well.

Listed below are the officially recognized aircraft for this event along with a quartet of pictures. Get a load of the load on the Thud. Maybe Ross has in mind to detail up a glider with all that iron just to show the regular folk how it can be done. This list is based on the Wikipedia entry for the weaponry of the Viet Nam conflict. If you think there is some other aircraft which should be eligible for the event, bring your proof. Here is the link to the Wikipedia site:

[http://en.wikipedia.org/wiki/Weapons\\_of\\_the\\_Vietnam\\_War#Aircraft](http://en.wikipedia.org/wiki/Weapons_of_the_Vietnam_War#Aircraft)

### **OFFICIALLY RECOGNIZED AIRCRAFT**

A-4 Skyhawk  
A-6 Intruder  
A-7 Corsair II  
A-37 Dragonfly  
B-52 Stratofortress  
B-57 Canberra  
Canberra B.20  
C-5 Galaxy  
C-141 Starlifter  
F-4 Phantom II  
F-5 Freedom Fighter  
F-8 Crusader  
F-100 Super Sabre  
F-101 Voodoo (RF-101)  
F-102 Delta Dagger  
F-104 Starfighter  
F-105 Thunderchief  
F-111 Aardvark  
MiG-21 jet fighter  
MiG-19 jet fighter  
MiG-17 jet fighter  
MiG-15 jet fighter

### **A FEW OPTIONS TO CONSIDER:**

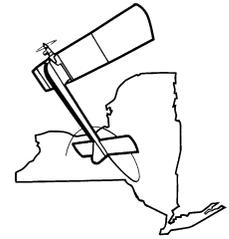




Western New York Free Flight Society

## SPRING HOBO MEET

May 19 & 20, 2012  
9:00 AM – 4:00 PM



1941 Historic Aviation Group Museum

Geneseo, NY

### EVENTS

#### Saturday May 21

- ❑ ½ A Gas NFFS One Design
- ❑ ½ A Gas
- ❑ FAC Dime Scale
- ❑ FAC Modern Civil
- ❑ FAC Phantom Flash
- ❑ FAC No Cal Scale

#### Sunday, May 22

- ❑ FAC Embryo
- ❑ FAC Golden Age Combined
- ❑ FAC Two Bit + 1
- ❑ FAC Dime Scale

#### Rules for Western New York Free Flight Hobo Meet

- Field use fee: \$5
- FAC events will be flown to 2012-2013 rule book unless otherwise noted.
- ½ A Gas, any previous NFFS One Design - follow NFFS One Design event rules for your model
- CD for FAC events: Mark Rzdca
- CD for ½ A events: Brad Bane
- Event schedule is tentative and subject to change based on the weather or other field conditions during the meet.
- Event schedule is subject to expansion based on flyer interest.
- Valid AMA or MAAC Proof of membership required for all flyers
- Max times are subject to CD's discretion based on field conditions
- Check in at CD's table for latest in field rules



# FLYING ACES

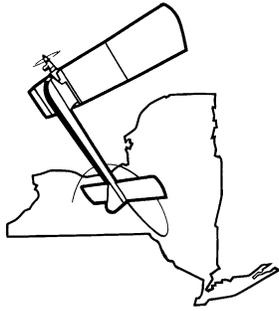


Spring will soon be upon us. Upstate weather will be unpredictable; winds are frequently gale force and the flying field may be covered with waist high grass or completely saturated with rain. Does that matter? Of course not, this is the first official opportunity to fly outdoor at the HAG Museum field, so clean out that flight box, finish those new models and wrap up the repairs on the old ones. The outdoor contest season will be in full swing before you know it. The WNYFFS Spring Hobo meet is a chance to fly at one of the best flying sites in the North East. The event list is short on purpose to keep it simple and give everyone a chance to tune up whatever models require attention. No prizes or awards, just good friendly competition.

Contact Brad Bane ([windwhip47@aol.com](mailto:windwhip47@aol.com)) for information on the ½ A events or Mark Rzdca ([wnyffs@rochester.rr.com](mailto:wnyffs@rochester.rr.com)) for information on FAC events.

Come on out and have a good time,

Mark C. Rzdca



# The Western New York Free Flight Society Presents the 43<sup>rd</sup> Annual Empire State Free Flight Championships



**Friday Aug 24** 8AM to 5PM  
 A-B Classic Gas  
 B-C Nostalgia Gas  
 .020 Replica  
 Moffett  
 Old Time Rubber Stick  
 Old Time Rubber Fuselage  
 Classic Towline (J)(S/O)  
 ½ A Gas (Any NFFS One Design)  
 Diesel Qualify  
 FAC Rubber Scale  
 FAC Power Scale  
 FAC Peanut Scale  
 FAC Dime Scale  
 FAC No Cal Scale  
 FAC Jet Catapult Scale-Viet Nam  
 FAC Modern Civil  
 FAC Old Time Rubber Stick  
 FAC WW I Mass Launch

**Saturday Aug 25** 8AM to 5PM  
 ¼ A Nostalgia Gas  
 ½ A Classic Gas (J)(S/O)  
 ½ A – D Gas (S/O)  
 A Nostalgia Gas  
 ½ A AMA Power (J)  
 Power Free Flight **Scramble** event  
 Mulvihill  
 Nostalgia Rubber/Wakefield  
 Diesel Qualify  
 FAC Rubber Scale  
 FAC Power Scale  
 FAC Peanut Scale  
 FAC Phantom Flash  
 FAC Jet Catapult Glider Scale  
 FAC Golden Age Military & Civil  
 FAC 2 Bit + 1 Rubber  
 FAC WW II Mass Launch

**Sunday Aug 26** 8AM to 4PM  
 ½ A Nostalgia Gas  
 C-D Classic Gas  
 Old Time Gas  
 Catapult Glider (J)(S/O)  
 P-30 (J)(S/O)  
 E- 36 (NFFS event)  
 Diesel Fly Off  
 FAC Rubber Scale  
 FAC Power Scale  
 FAC Peanut Scale  
 FAC Simplified Scale  
 FAC Old Time Gas Replica  
 FAC Embryo Endurance  
 FAC Old Time Rubber Fuselage  
 FAC Mass Launch race planes,  
 Bendix, Thompson & Greve comb.

**Rules for Empire State Free Flight Championships.**

**a category III meet except:**

- Old Time Gas  
16-second engine run for ignition (no glo)  
12-second engine run for old time diesel
- .020 Replica, 12 second engine run
- Moffett, Mulvihill & Old Time Rubber:  
First three flights, 2 minute max,  
Each additional flight, max increments by 1 minute
- ½ A Gas, any previous NFFS One Design  
Follow NFFS One Design event rules
- Power Free Flight *Scramble* event – two minute launch  
window @ 9:30AM, 7 second engine run, 2 min. max.
- National Cup  
Qualifying events for this contest: ½ A, AB, +CD Classic,  
Moffett, Mulvihill, 1/4 A, 1/2 A & A Nostalgia,  
Nostalgia/Wakefield, Catapult Glider, P-30, Classic Towing.
- Junior National Cup events  
Classic Towline, ½ A AMA Power, P-30, Catapult Glider.
- Diesel Unofficial Fun Fly  
Three flights Friday and /or Saturday, 12 second run, 120  
second max. Total of 250 seconds or more qualifies for  
Sunday 8 – 10 AM fly off, 12 second run.
- Classic Towline: Straight Tow - no bunt NFFS Rules as of  
2005.

- CD for FAC events is Jim DeTar, email: jrdetar@yahoo.com
- FAC Rubber Scale & Peanut scale judging 8 –12 noon on  
Saturday. Flyer assumes risk to scale and bonus points for  
flights taken before judging. Flights may be taken on any day  
in any combination.
- FAC Viet Nam special Jet Catapult Scale, model of aircraft  
which was flown during Viet Nam War. Theater markings  
encouraged but not required.
- FAC events will be flown to 2012-2013 rule book unless  
otherwise noted.
- Max times are subject to CD's discretion based on field  
conditions
- Check in at CD's table for latest in field rules and flight times.
- AMA or MAAC Proof of membership required for all  
contestants and casual flyers.

**Date:** August 24, 25 & 26, 2012  
**Location:** Geneseo, NY at the 1941 Historic Aviation Group  
 Museum  
**Entry Fees:** \$25 for all events and field use fee. Juniors, \$5  
 covers all events. Casual flyers *must* register with CD.  
**Contest Director:** Lyle Whitford  
 Contact Lyle at 716-795-3831 or at whitford@localnet.com  
**Dinner:** At the Yard of Ale on Saturday, August 25.

### One on One

If you want to talk to a free flighter directly, the names listed here are people in the area who can offer advice on getting started or have a suggestion for a first kit or tips about what to ask for at the hobby store.

### **Auburn**

Brooks Goodnow  
22 Lakehurst Drive  
Auburn, NY 13201  
315-252-9170  
tiqaer33@thumpernet.com

### **Canandaigua**

Jack Barker  
2067 Route 65  
Bloomfield, NY 14469  
585-624-2844

### **Buffalo**

Brad Bane  
60 Lake Ave.  
Lyndonville, NY 14098  
585-765-9363  
windwhip47@aol.com

### **Rochester**

Bob Clemens  
95 Shoreway Drive  
Rochester, NY 14612  
585-392-3346  
rclemens2@rochester.rr.com

### **Brockport**

Vet Thomas  
970 Clarkson-Parma Road  
Hilton, NY 13021  
585-392-5164  
vthomas1@rochester.rr.com

To Join the WNYFFS complete this form (or a facsimile) and send it along with a check for \$10 (annual dues) payable to:

Ruth Bane, Treasurer, WNYFFS  
60 Lake Avenue  
Lyndonville, NY 14098



Name \_\_\_\_\_

Street Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Home Phone \_\_\_\_\_

Work Phone \_\_\_\_\_

Email \_\_\_\_\_

AMA/ MAAC # \_\_\_\_\_

Please consider membership in AMA/MAAC. While not required for membership in WNYFFS, AMA/MAAC provides supplemental liability insurance covering model flying activities and is required at most WNYFFS flying activities.

### **Contest CD's**

Brooks Goodnow  
22 Lakehurst Drive.  
Auburn, NY 13021  
315-252-9170

Vet Thomas  
970 Clarkson-Parma Road  
Hilton, NY 13021  
585-392-5164  
vthomas1@rochester.rr.com

John Carls  
43 Murphy Road  
Bradford, PA 16701  
814-362-7789

Lyle Whitford  
9003 Lake Rd, PO Box 72  
Barker, NY 14012  
716-795-3831

### **Application for Membership**

Name \_\_\_\_\_ Phone \_\_\_\_\_

(For Family membership, please list all names.)

Address \_\_\_\_\_ e-Mail \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Country \_\_\_\_\_ Zip \_\_\_\_\_

Occupation \_\_\_\_\_

Hobbies \_\_\_\_\_

Membership entitles you to free admission to our air show and to the museum, a 10% discount in the HAG store, *Hangar Tales* for a year, a window sticker for your car, and membership card (which must be presented to obtain the perks). See Founders' Forum for club details.

Membership Type:	_____ Life (up to 59)	\$600
	_____ Life (60 & up)	\$500
	_____ C-47 Club	\$250
	_____ Family (parents & children under 18)	\$75
	_____ Regular (18-59)	\$35
	_____ Senior Citizen (60 & up)	\$30
	_____ Junior (17 and under)	\$15

**NEW:  
LIFE  
MEMBERSHIP**

**All payments must be in US funds.**

Mail this application (or a photocopy) with your check to:

1941 Historical Aircraft Group Museum, PO Box 185, Geneseo, NY 14454-0185



### **Background on the WNYFFS**

The Western NY Free Flight Society began in the late 1960's with a few modelers. Today the Society now numbers nearly 100 members in 9 states and Canada. For over 30 years the club has hosted the Empire State Free Flight Championships in late summer, as well as a "fun fly", each spring, both are held in Geneseo, NY. Powered by rubber, gas, diesel, electric, CO<sub>2</sub>, compressed air or that old standby- muscle, these events exact the best from the planes and presents the fascinating challenge of outdoor free flight to the folks attending. There is no "off season" in free flight. Once outdoor season ends, the WNYFFS sponsors several indoor flying opportunities in the Rochester area.

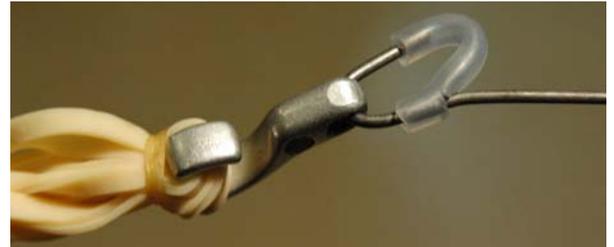
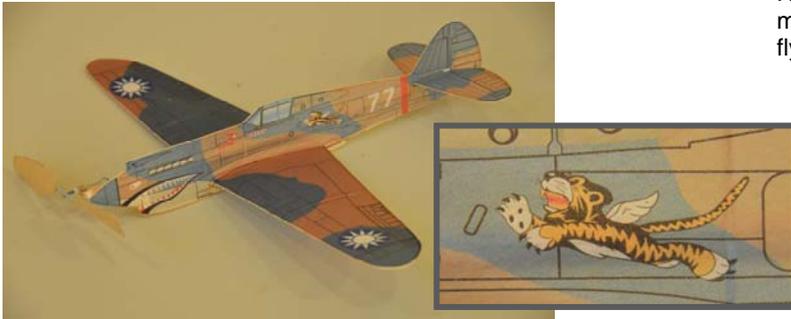


### Indoor flying

There are still a few more indoor sessions left in this season. Dates are listed on the front page. From left to right above we have Bob Clemens with his Dime Scale Curtiss Falcon. Next up is Don Steeb with the ROG1. Don still holds the record for the ongoing ROG1 Challenge sponsored by Bob. There is still an opportunity to unseat Don and claim all the fame and glory. Don's model weighs in at 4.3 grams with a record flight of one minute and 19.8 seconds. Always smiling John Drewski is ready to launch a profile Avionette. Finally, we see Marc Hunt with his No-Cal Curtiss Warhawk. Marc produced those terrific markings on his color Ink Jet printer. He has a similarly printed Corsair that flies like it is on rails.

### Save those winding hooks!

Here is a tip I have been meaning to share for some time. It comes originally from John Clapp of FAI Model Supply. In the picture you can see the rubber motor attached to a winding hook. Frequently, when a motor breaks, the winding hooks heads off at Mach speed for parts unknown. That rapid parting of the ways can be avoided by taking a small length (about 3/4" to 1 inch) of silicon rubber tube and cutting a small slit about a quarter inch from one end of the tube. Be careful to not cut through the tube. By slipping the short part of tube over your winding wire, the long part can be folded over and attached to the end of the winding wire as shown. So simple it is downright elusive, but now you have a keeper for the winding hook. Thanks to John for the tip. He may lose a few winding hook sales but the gain in happy modelers will help him sleep better. Sweet dreams and happy flying.



Mark C. Rzacca  
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