

Winter 2013

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

The Editor's Ramble:

Once again the New Year brings cold and snow but also visions of warmer weather and another outdoor flying season. Before starting plans for the summer, don't forget that the indoor season is still going strong. Jim DeTar reports that turnout at Pieter's has been very good. There are still several flying dates remaining but don't procrastinate too much. While on the topic of Jim's fine efforts in support of model aviation, be sure and thank him for digging on the issues with the website. Seems there has been a breakdown in communications regarding updates to the website. Jim has been in communication with Marty so you should see a bit fresher information on the web, for example, current indoor flying dates! Be sure and thank Jim and Marty for all the fine efforts on the site.

This issue of the TJ provides the lowdown on the ESFFC. There are minor changes from last year's meet so check out the flyer; then get building.

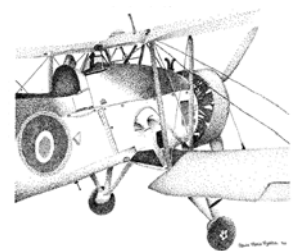
Once again WNYFFS has booked the field for a Hobo meet in the spring and a fun fly later in the summer. The Hobo meet will be the same as last year. It has worked out well to keep the schedule light since the event has suffered extremely poor weather for so many years. Last year was an exception and maybe this year will be better yet. That would allow me to get my Carl Goldberg Viking in to the air once more for the half-A NFFS event.

Nothing special has been planned for the fun fly. That may change as the season unfolds so stay tuned and be sure block out the weekend on your social calendar. While you are jotting down the dates, note that these latter two events are subject to cancellation due to poor weather or other unforeseen circumstances. Recall that last year's Caribbean Cruise was totally blown out with high winds. If you have any doubts regarding weather conditions, be sure and check with the editor using the email included in the banner.

The Editor's Ramble continues on the back page

Dates to keep in mind:

Indoor flying: February 23, March 9 and 23
Hobo Meet - May 18 & 19 at HAG Museum field
Historic Aviation Group Museum Air Show - July 12, 13 & 14
Flying Aces Non-Nationals - July 17, 18, 19 & 20 at the HAG Museum field
Empire State Free Flight Championships - August 9, 10 & 11 at the HAG Museum field
WNYFFS & Yankee Air Pirates Fun Fly - August 23, 24 & 25 at HAG Museum Field
Great Grape Gathering - September 13, 14 & 15 at the HAG Museum Field
Don't forget to check out WNYFFS website: <http://www.wnyffs.org>



Special *Earl Stahl* event for 2013ESFFC

Sponsored by *Garry Hunter*

Rules:

1. Event loosely based on FAC Simplified Scale Event - Modern Plan / Kit Scale. All models treated as Modern Plan / Kit Scale, no bonus for Old Time Plan / Kit Scale.
2. Model must be based on Earl Stahl plan as posted on theplanpage.com (Note that Piper Pawnee is not eligible.)
3. Garry Hunter will bring design reference plans for construction conformance check at the meet. (only the winners)
4. Model must be constructed as shown on the plan
5. Allowable Modifications:
 - a. Nose may be altered to accommodate thrust bearing and removable nose plug.
 - b. Prop type and diameter may differ from plan.
 - c. Rear motor peg may be located anywhere within fuselage.
 - d. Markings should be appropriate to the era of the aircraft and its purpose, but need not represent any particular actual aircraft nor follow the markings shown on the plan.
 - e. Aircraft with retractable gear can be modeled with the gear in the retracted position
 - f. D/T's may be installed
 - g. Wings may be detachable to aid transportation
 - h. Landing gear may sprung to avoid fuselage damage

Static Pass-Fail Judging/ Bonus Points/ Scoring

A. Simplified Scale models are not to be held to the same standards of scale fidelity or craftsmanship as FAC Scale models. No scale points are awarded. "Judging" is strictly pass/fail, in accord with the event rules.

B. Bonus points are NOT cumulative. Only the highest value criteria will be added to your score.

POINTS CRITERIA

- 0 High-Wing Cabin and Shoulder-Wing Monoplanes
- 1 Landing Gear Down and Dirty
- 3 Parasol
- 5 Mid-Wing
- 5 Canard or Tandem wing
- 10 Low-Wing
- 10 Float Plane
- 15 Biplane

D. Flight score: Total of three flights.

E. Total Score: bonus points added once to total flight score.

In general this event will be flown per the FAC Simplified Scale - Modern Plan / Kit Scale Event rules with all the emphasis on the classic Earl Stahl designs. Prizes will be awarded to third place and will be in keeping with the flavor of the event. Plans are available on theplanpage.com as well as a list enumerating the models eligible for this event. If sufficient flyers participate, a kanone will be awarded.

Note from Dave Mitchell regarding Earl Stahl/ Simplified Scale event:

I have one important comment to make re: the Earl Stahl event, in particular your statement suggesting that deviations from a Stahl plan (such as dethermalizers) would disqualify the model from competing in FAC Simple Scale. **This is not true! Please read the rules for Simplified Scale closely!**

Simplified Scale is intended to be THE event into which practically **any** scale model (well, any model above 16" wingspan) can be entered—including models that are modifications of existing plans such as Earl Stahl's.

The only thing that would happen if one were to build a *modified* Earl Stahl design is that the model would not qualify for the **extra** bonus points (10 points) that are awarded to models built exactly to plans drawn up prior to January 1, 1946. Aside from that, that model is perfectly qualified for the event.

If this isn't clear, please feel free to ask me questions.....I'm here to help!

Cheers, Dave

Earl Stahl Eligible Models

Albatros D5a
Bell Aircobra
Blackburn Skua
Boulton Paul Defiant
Caudron
Cessna 195
Curtiss P-40d
Curtiss Seagull S03C-1
XP-55 Ascender
Fairchild PT-19
Fairchild 24
Baracuda
Fleet Canuck
Skyfarer
Globe Swift
Grumman Wildcat
Hawker Hurricane
Howard GH-1
Interstate Cadet
Luscombe Model 10
Messerschmitt ME109
Mig 3
Miles Magister
P51b Mustang
P-51 Apache
P51 D
Navion
Rearwin Speedster
Stinson O-49
Stinson Voyager
Stinson 125
Taylorcraft O-57
Spitfire
Spitfire IX
Vultee Vanguard
Vultee XP-54
Waco SRE

All models must be built per the plans provided on theplanpage.com.



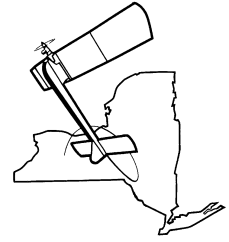
Western New York Free Flight Society

SPRING HOBO MEET

May 18 & 19, 2013
9:00 AM – 4:00 PM

1941 HISTORIC AVIATION GROUP MUSEUM

Geneseo, NY



EVENTS

Saturday

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

Sunday

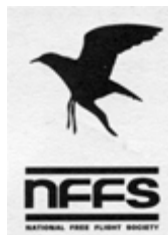
- ❑ FAC Embryo
- ❑ FAC Golden Age Combined
- ❑ FAC Two Bit + 1
- ❑ FAC Dime Scale

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

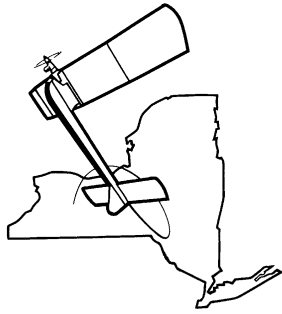


Spring will soon be upon us. Upstate weather will be unpredictable; winds are frequently gale force and the flying field may be covered with waist high grass or completely saturated with rain. Does that matter? Of course not, this is the first official opportunity to fly outdoor at the HAG Museum field, 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) for information on the ½ A events or Mark Rzdca (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 44th Annual

Empire State Free Flight

Championships



Friday Aug 9 9AM 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)
 Early 1/2A Nostalgia
 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 Modern Civil
 FAC Old Time Rubber Stick
 FAC WW I Mass Launch

Saturday Aug 10 9AM 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)
 Hand Launch Glider (J)(S/O)
 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
 Earl Stahl special event

Sunday Aug 11 9AM 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 – all events will be offered
- 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 – 11AM 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 events will be flown to 2012-2013 rule book unless
 otherwise noted.
- Earl Stahl event rules published in Thermal Journal
- Max times are subject to CD's discretion
- 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 9, 10 & 11, 2013

Location: Geneseo, NY at the 1941 Historic Aviation
 Group Museum

Entry Fees: \$25 for all events includes field use fee.
 Juniors, \$5 covers all events. Casual flyers *must*
 register with CD and pay \$5 field use fee.

Contest Director: Lyle Whitford

Contact Lyle at 716-795-3831 or at
 whitford@localnet.com

Dinner: At the Yard of Ale on Saturday, August 10.

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
tiaqer33@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

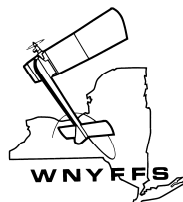
Bob Clemens
95 Shoreway Drive
Rochester, NY 14612
585-392-3346
rclemens2@rochester.rr.com

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 40 members in several states and Canada. For over 40 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, CO₂, 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.

The Editor's Ramble continues here:

As announced in a previous TJ, Garry Hunter has graciously agreed to sponsor a special event in honor of Earl Stahl. With Earl's recent passing the event takes on special poignancy. This special event will be flown at this year's ESFFC.

Rules for the event have been finalized and are included in this issue for your consideration. Many of Earl's models are appealing. It will be hard to choose. Plans for the Wildcat have been pasted up and reviewed several times over the years. Now with the contest looming it may be time to get serious. As stated in the rules, prizes will be awarded; this is serious.

Also included on the same page with the rules for the Earl Stahl event is a note from the keeper of FAC rules, Dave Mitchell. In the original announcement of the event, I assumed that the event would not be eligible for a kanone. Well, that assumption was incorrect and Dave wanted to make it clear how the rules for FAC Simplified Scale really are very inclusive. They are indeed. As originally published, the event would have been eligible for a kanone. With the finalized rules (as published here) the event is *still* eligible. The major* exception from Simplified Scale called for in the final rules is to treat all models as *Modern Plan Kit Scale* entries. This was done so that Earl's classic plans published just after the cutoff date for *Old Time Plan Kit Scale* eligibility were not at a disadvantage. Dave and the powers that be at FAC GHQ agreed with the intent to "level the playing field" and so the event will be kanone worthy. Go read the rules, pick your plan (make sure it matches the version posted on theplanpage.com) and start building.

As you may have already read in the FAC newsletter, the WNYFFS will not be hosting the 2013 FAC Non-Nats. This was a difficult decision but as the situation unfolded, it became very clear that this was the only path forward. I regret that it played out this way but still believe it was the correct decision. For WNYFFS members who had volunteered to help out, rest assured that your assistance will still be most appreciated. Check out your latest FAC newsletter to see how.

Until the next time, build light, build straight and fly often,

Mark C. Rzacca

* The other exceptions are no bonus for curved canopy from flat sheet and no bonus for tripes or multi-engine models.



Mark C. Rzacca
17 High Point Trail
Fairport, NY 14450