

Summer 2005

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 or articles are always welcome. Use the editor's address provided above.

The President's Message

Thursday July 7th dawned clear and bright with no clouds and almost no wind. It was the kind of day that just beckoned you to do something aeronautical. I was impatient to fly something. I had to make a choice, fly my full scale Cessna 150 or test models - not exactly the worst choice to have to make. On this day I chose to fly the Cessna. Ruth and I decided to fly down to Geneseo to renew my HAG membership and see how preparations were going for their airshow. The field was a beehive of activity with volunteers doing all sorts of tasks in preparation for the arrival of a large crowd. I was pretty impressed by the activities and began to think about how we might drum up more activity in the WNYFFS. I realize that we do not have the resources in both people and money that the HAG does, but that's no reason not to start somewhere. I think we have to start first of all by getting as many members as possible to the contest on August 19-21. Now I know that many of you are not competition oriented, but one of the nice things about FF is that you can still fly and have fun even if you don't compete. You say you have no airplanes ready to fly- still no problem, come and see what everybody else is doing and make a resolution to yourself that next year will be different. Don't tell me you don't have time, we all have time for what we really want to do, just watch a little less TV. Take a lesson from my friend and fellow club member Lyle Whitford. Lyle flew his Mimi sport design in a special low-key event at the GGG contest in June. I know he had a ball and we couldn't get the smile off his face for a week! He has also volunteered to be the CD for the sanctioned meet. My point is that Lyle found his niche to suit his interests and his expertise. You can do the same thing. So whatever your level of commitment or interest make it a priority to come join us August 19-21. See you there!

Brad Bane

Dates to keep in mind:

The Empire State Championships will be held on August 19, 20 and 21, 2005.

FAC Outdoor Champs will be held September 10 and 11 in Muncie.

Erie Model Aircraft Assn. will have an all FAC contest at Geneseo on Sept 24.

WNYFFS annual business meeting will be held in November. Keep the month open.



RESULTS FROM 2005 GGG— RUBBER POWER

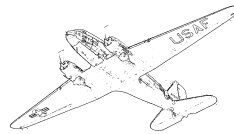
<u>P30</u>	<u>Aircraft</u>	<u>Flight Times / Total</u>
1 Oscar Mayes	Accipter	120, 120, 120/ 360
2 Bob Clemens	Majestyk	120, 120, 115 / 355
3 Roy Smith	Majestyk	110, 120, 93 / 323
Bucky Walter	?	108, 69, 65 / 242
Jim Howell	?	58, 61, 120 / 239
Jim Moseley	Markus Maximus	57, 96, 77 / 220
Mark RZadca	Kiwi	58, 98 / 146

<u>HL/CL Glider</u>	<u>Aircraft</u>	<u>Flight Times / Total</u>
1 John Carls	?	25, 120, 20 / 165
2 Les Sayer	Straight Dan	54, 39, 62 / 155
3 John Caldwell	?	45, 32, 36 / 113
John Myers	?	25, 24, 48 / 97
Jim Howell	?	24, 24, 41 / 89
Jim Smith	?	22, 27, 32 / 81
Bob Clemens	Pseudo	28, 22, 22 / 72

<u>Nostalgia Rubber</u>	<u>Aircraft</u>	<u>Flight Times/Total</u>
1 Jim Moseley	KK Senator	120, 120, 120 / 360
2 Hal Lorimer	?	116, 120, 120 / 356
3 Les Sayer	Senator	90, 120, 120 / 330
Gary Hunter	?	120, 101/ 221
Bucky Walter	?	120, Att / 120

<u>FAC Embryo</u>	<u>Aircraft</u>	<u>Flight Times</u>
1 Jim DeTar	Debut	120, 120, 104 / 344
2 Michael Burns	Embryomatic	107, 120, 75 +9 /311
3 Mark RZadca	Puma	98, 3, 120 / 311
Bob Clemens	Westland Whatzit	77, 85 / 162

<u>Cloud Tramp</u>	<u>Flight Times / Total</u>
1 Les Sayer	63, 120, 100 / 283
2 Bob Clemens	61, 80, 94 / 235
3 Richard Barlow	111, 62, 61 / 234
Bob Ryan	30, 59, 70 / 159
Jim Howell	31, 30, 93 / 154
Bob Morris	46, 53, 52 / 151
Jim Anderson	35, 34 / 69
Jim Moseley	64
Sam Burke	45



Ladies' Cloud Tramp Mass Launch

1 Betty Burns
2 Jean Sayer
3 Pat Barlow

<u>FAC Golden Age Civil</u>	<u>Aircraft</u>	<u>Flight Times</u>
1 Jim DeTar	Farman 400	120, 97, 104 / 321
2 Bob Clemens	Porterfield Collegiate	120, 66, 111 / 297
3 Jack Barker	Folkerts SK-2	45, 33, 52 / 130
Jim Smith	?	12, 21, 21 / 54

<u>Large Fuselage</u>	<u>Aircraft</u>	<u>Flight Times / Total</u>
1 Bob Erpelding	Hoosier Hi Flier	120, 120, 106 / 346
2 Bucky Walter	?	120

<u>SAM Comm.I Rub</u>	<u>Aircraft</u>	<u>Flight Times</u>
1 Bob Erpelding	Wren	120, 120, 120 / 360
2 Les Sayer	Miss Canada	120, 120, 87 / 327
3 Bucky Walter	?	103, 71, 41 / 215

<u>Small Rub. Fuse.</u>	<u>Aircraft</u>	<u>Flight Times</u>
1 Roy Smith	Miss Canada	120, 120, 120 / 360
2 Bob Erpelding	Boxcar	105, 117, 118 / 360
3 Mark RZadca	Miss Canada	76, 120, 111 / 307
Bucky Walter	?	48, 89, 110 / 247
Bob Clemens	Stahl Weight Rule	77

<u>Unlimited Towline</u>	<u>Aircraft</u>	<u>Flight Times/Total</u>
1 Richard Barlow	Lulu	81, 120, 113 / 314
2 Bob Clemens	Lil' Dip	45, 67 / 112
3 Jack Barker	Jetstream	79

<u>Large Stick</u>	<u>Aircraft</u>	<u>Flight Times/ Total</u>
1 Chris Woody	Hoosier HiFlier	104, 120, 120 / 344
2 Jim Anderson	Pomona Champ	120, 117, 98 / 335
3 Oscar Mayes	Lamb Climber	70, 120, 99 / 289
Bucky Walter	?	120, 120, 9 / 249
Bob Erpelding	Korda Stickler	92, 72, 70 / 234

<u>Small Stick</u>	<u>Aircraft</u>	<u>Flight Times/ Total</u>
1 Jim Moseley	Vargowock	120, 120, 120, 180, 240 / 720
2 Bob Erpelding	Gollywock I	120, 120, 120, 180, 240 / 720
3 Richard Barlow	Casano Stick	120, 120, 120, 180, 160 / 700
Oscar Mayes	Gollywock	120, 120, 119 / 359
Jim Anderson	Gollywock II	120, 87, 120 / 317
Chris Woody	Gollywock	120, 90, 85 / 285
Mark RZadca	Gollywock	89, 120 / 209
Michael Burns	Gollywock II	117

GGG— RUBBER POWER RESULTS (CONT.)

<u>Senator</u>	<u>Flight Times/ Total</u>
1 Jim Moseley	110, 120, 120 / 350
2 Les Sayer	120, 96, 115 / 331
3 Roy Smith	120, 91, 91 / 302
Jeb Ward	38, 50, 38 / 126

<u>Classic Wakefield</u>	<u>Aircraft</u>	<u>Flight Times/ Total</u>
1 Bucky Walter	?	120, 150, 122 / 392
2 Hal Lorimer	EasyBuilt/Morgan	114, 133, 130 / 377
3 Bob Erpelding	Kansas Wake	119, 127, 92 / 338
Chris Woody	Gypsy	99
Michael Burns		Att

<u>FAC 2 Bit Old Timer</u>	<u>Aircraft</u>	<u>Flight Times</u>
1 Jim DeTar	Flying Aces Moth	67, 91, 66 / 224
2 Sam Burke	Baby Comm	54, 57, 88 / 199
3 Bucky Walter	?	64, 65, 55 / 184
Bob Morris	Flying Aces Moth	28, 10, 31 / 69

<u>Mulvihill/Unlim.</u>	<u>Aircraft</u>	<u>Flight Times</u>
1 Jim Moseley	Elipsis 150 (OD)	120, 180, 178 / 511
2 Les Sayer	48'er (OD)	120, 180, 178 / 478
3 Richard Barlow	Casano Stick	120, 140 / 260

<u>Small Towline Glider</u>	<u>Aircraft</u>	<u>Flight Times / Total</u>
1 Richard Barlow	Lulu	49, 120, 53 / 222
2 Les Sayer	Lulu	46, 51, 95 / 192
3 John Carls	?	61, 67 / 128
Jim Howell	?	31, 15 / 46

RESULTS FROM 2005 GGG - POWER

<u>1/2A Nostalgia</u>	<u>Aircraft</u>	<u>Flight Times / Total</u>
1 Brad Bane	?	120, 120, 56 / 296
2 Ron Teichert	?	62

<u>0.020 Replica 1/4A</u>	<u>Aircraft</u>	<u>Flight Times / Total</u>
1 Brad Bane	?	120, 100, 88 / 308
2 John Carls	Zipper	59, 59, 110 / 228
3 Brooks Goodnow	?	63, 42, 62 / 157

<u>AMA A/B/C Gas</u>	<u>Aircraft</u>	<u>Flight Times / Total</u>
1 Don Yokel	115% Eureka	120, 120, 120 / 360
2 Brad Bane	?	120, 120, 111 / 351
3 Roy Smith	Dixielander	120, 120, 87 / 327

<u>Bob Gordon/Classic Gas</u>	<u>Aircraft</u>	<u>Flight Times / Total</u>
1 Brad Bane	?	5 X 120 / 600
2 Joe Mollendorf	Stretch Maverick	120, 120, 120, 106 / 466

<u>ABC Nostalgia Gas</u>	<u>Aircraft</u>	<u>Flight Times / Total</u>
1 Don Yokel	125% Eureka	120, 59, 74 / 253
2 Bob Ryan	?	52, 49, 79 / 180

<u>FAC OT Gas Rep.</u>	<u>Aircraft</u>	<u>Flight Times / Total</u>
1 Mark Rzdca	Zipper	120, 120, 120 / 360
2 Bob Clemens	Zipper	120, 120, 115 / 355
3 Jim Howell	?	119, 120, 101 / 340
John Carls	Zipper	66, 120 / 186
Mark Rzdca	Viking	68

<u>Diesel Duration</u>	<u>Aircraft</u>	<u>Flight Times / Total / Flyoff</u>
1 Don Yokel	108% Dixielander	109, 86, 80 / 250 / 317
2 Jim Moseley	Stomper	120, 118, 162 / 250 / 152

<u>1/2 A Classic Gas</u>	<u>Aircraft</u>	<u>Flight Times / Total</u>
1 Joe Mollendorf	Stretch Maverick	120, 120 / 240
2 Don Myers	S.S.S. (Trigger mod)	87, 30, 74 / 191
3 Roy Smith	Mini Dixie (OD)	99
Bob Ryan	?	54

<u>Scotty Murray Memorial. Target minimum: 40 sec.</u>	<u>Aircraft</u>	<u>Flight Times / Total</u>
1 Don Myers	Wagner Sioux	40, 36, 34, 42
2 Jim Smith	?	51, 67, 37, 100

PHOTOS FROM 2005 GGG



Top left photo shows Jim Moseley just about to launch his own design Apple Honey for its farewell flight. Jim was unable to locate the plane even after an extensive search. This Apple Honey is a descendent of an original designed in 1961. It was powered with a Super Tiger G.15 on pacifier pressure and 60% nitro. The span is 60 inches with 420 sq. in. of area. Jim named Apple Honey after the Woody Herman track of the same name. Jim built as many as 20 versions of the plane in Britain and this was the 13th of the second series of the design begun after Jim's relocation to Canada.

Top center photo shows Brad Bane launching his original design based on the AstroStar from the 1980's. It has 670 squares and weighs only 21 ounces and is powered by a Nelson .21 spinning an 8-inch prop at about 27K. Brad likes the design so much that he has made half-A and a Nelson .36 C ships. He plans on taking them to the NATS and take a shot at the classic gas championship as these planes have no auto surfaces but do it all with no gadgets and fly with little decalage just like a big HLG.

Top right photo show Jim Anderson launching his Pomona Champ, a 1940 design from Dean Landreth. The span is 44 inches and a wing area of 198 sq. in, but the fuselage is even longer, requiring planning and a few contortions for loading and winding the rubber as well as attaching the propeller. Jim flies with 24 strands of 1/8 inch but hasn't wound to full torque yet. He is saving that effort for the SAM Champs in Muncie later this summer. At the 2004 SAM Champs in Muncie he took 10th place. All up weight is 281 gram with 148 grams of it in the rubber.

At the bottom of the page, we have several pictures showing the Ladies Cloud Tramp Mass launch event. This hotly contested event was won by Betty Burns.



PHOTOS FROM 2005 GGG



Top, left: John Carls taking a flight on his electric powered Zipper from the BMJR kit. John uses 3 cells of 110 mAh capacity and a HiLine Mini-6 for power. In previous GGGs John has been a formidable competitor in the FAC Golden Age Replica event with this ship. This year, tired and abused batteries failed to provide the requisite motivation for the tried and true Zipper. John also enjoys flying this bird's sibling in SAM .020 replica.

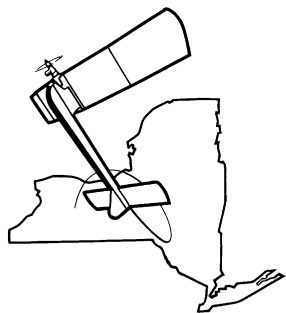
Top, center: Don Yokel launches his British Eureka. Don describes the model as forgiving, consistent and well received by builders in that it was an excellent platform for diesel flying, while providing equal or better performance with a glow engine. He must really mean it because he has built four Eureka's, all of which are still great performers. If you're interested, building and trimming guidelines published in the December of 1962 Aeromodeller will guide you to a ship capable of many years of enjoyable flying. Plans are available from NFFS plans service. Don took first place at GGG in AMA, ABC Gas using a pressurized OS Max FP 25 and a Tornado 10-4 propeller.

Top, right: Rich Barlow prepares to launch his Cassano Stick in the Small Stick event in which he took third place. The model was built using mostly 6 lb stock and he flew with 16 strands of 1/8 tan II rubber. Rich reports the model flies in wide sweeping turns and is sometimes referred to as a Gollywock Killer. Rich likes the model enough to plan to build another this winter despite the chore associated with the tail feather.

Bottom, left: It is a hot and lonely job but somebody has to do it. WNYFFS Vice President Joe Mollendorf stakes out his position on the flight line, biding his time till his next flight.

Bottom, right: Last, we have the Western New York Free Flight's own Bane Trust. Club Treasurer Ruth Bane provides priceless timing, retrieval and other unspecified support service to Club President Brad Bane.





The Western New York Free Flight Society Presents the 36th Annual Empire State Free Flight Championships



Schedule of Flying Events

Friday 8AM to 5PM

- A-B Classic Gas
- B-C Nostalgia Gas
- .020 Replica
- Moffett
- Old Time Rubber
- Classic Towing
- Diesel

Saturday 8AM to 5PM

- 1/4 A Nostalgia Gas
- 1/2 A Classic Gas (J/S/O)
- 1/2 A – D Gas (S/O)
- A Nostalgia Gas
- 1/2 A AMA Power (J)
- Mulvihill
- Nostalgia Rubber/Wakefield
- FAC OT Electric Gas Replica
- FAC Embryo Endurance
- FAC Golden Age Scale
- FAC Rubber Scale
- F1A, F1B, F1C (Open)
- F1P (J/S)
- Diesel

Sunday 8AM to 4PM

- 1/2 A Nostalgia Gas
- C-D Classic Gas
- Old Time Gas
- P-30
- Catapult Glider (J/S/O)
- F1G, F1H, F1J (Open)
- Diesel Flyoff

Date: August 19, 20 & 21

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

Entry Fees: \$25 for all events, \$10 first event, \$8 for each additional event. Juniors, \$5 covers all events. Casual flyers *must* register with CD.

Contest Director: Lyle Whitford
For questions regarding the meet, contact Lyle at 716-795-3831 or at whitford@localnet.com

Dinner: At the Yard of Ale on Saturday, August 20. Details at the CD's table.

Rules for Empire State Free Flight Championships

- 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
- Old Time Rubber
Mulvihill Rules for max flights
- America's Cup
Flown in 1 1/2 hour, overlapping rounds starting at 8 AM both days, i.e., 8 – 9:30, 9-10:30, etc.
- National Cup
Qualifying events for this contest: 1/2 A, AB, +CD Classic, Moffett, P-30, Mulvihill, 1/4 A, 1/2 A & A Nostalgia, Nostalgia/Wakefield, OCG, Jr. P-30, Jr. OCG
- Junior National Cup events
1/2 A Classic Gas, 1/2 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.
- FAC Rubber Scale
Judging 8 –12 noon on Saturday

**Valid AMA or MAAC Proof of membership
required for all contestants and casual flyers.**

One on One

If you want to talk to a free flyer 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
tiqger33@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

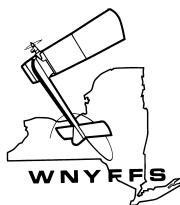
Rochester

Bob Clemens
95 Shoreway Drive
Rochester, NY 14612
585-392-3346
robert.clemens@att.net

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 _____
Address _____ e-Mail _____
City _____ State _____ 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).

Membership Type: _____ Regular \$30 (age 18-59)
_____ Senior Citizen \$25 (age 60 & up)
_____ Junior \$10 (age 17 and under)

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, 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 a year a major contest is hosted in conjunction with the Flying Aces Club. The Empire State Indoor Championships are held at the Buffalo Bills field house in Orchard Park, NY.

The Editor's Line

For those of you who missed this year's Great Grape Gathering, you missed a great one! Sure, it was hot, and yes, the humidity was pushing 100% much of the time and so the wind was a nuisance some of the time too, but the grass was cut! That great sighing sound you heard from the north was the sound of Jim Anderson's relief on hearing the news from Carrie at the 1941 HAG that they were hauling the hay away just a few days before the Great Grape Gathering was to begin. (In fact, some cutting and hauling was still going on during the event.) Overall, except for the high heat index, the flying was excellent with many thermals and mostly favorable wind direction (at least until later on Sunday) for reasonable model retrieval. We all owe Jim Moseley, Jim Anderson, Roy Bourke and all the others who contributed to making this year's GGG such a great meet. Thanks also to Jim Anderson for the contest results printed in this issue.

I tried something new with the coverage of the GGG this year. During the event, I took several pictures of the action. That's not new and neither was the fact that I didn't collect enough information for captions. However, after the meet I sent emails to several of the subjects of my photographs and requested information on the planes they were flying. Many gracious responses provided input for what I hope is much better photo captions. Thanks, to all who provided such good input. This approach saves time for both the photographer and the flyer at meet and provides the opportunity for the flyer to give more full and accurate information at their leisure. This approach will be my norm in the future. In addition, since we can always use more pictures for the TJ, please consider this approach if you are taking pictures at some future meet. All you need to get at the meet, besides the picture, is the subject's mail address. This of course provides an opportunity to have additional pleasurable communications with fellow modelers between meets.

Be sure and check out the "Dates to keep in mind" on the front page. A pleasant surprise is the recent announcement that the Erie Model Aircraft Association will be holding a one-day meet at the 1941 HAG field in Geneseo this fall. It is an all FAC meet with more than a dozen events. Check out your FAC newsletter for specifics.

Mark C. Rzdca

RESULTS FROM 2005 GGG – RADIO CONTROL

<u>LMR Wakefield</u>	<u>Aircraft / Motor</u>	<u>Flight Times / Total</u>
1 Bob Valley	Champion	3:48
2 Sam Burke	Stahl Gypsy / Speed 300	1:12, 2:05 / 3:17
3 Jim Anderson	HWB-100	

<u>1/2A Texaco</u>	<u>Aircraft / Engine</u>	<u>Flight Times / Total</u>
1 Bob Valley	Stardust Special / Cox .049	A, 9:43, 10:32, 10:30, 8:49 / 39:34
2 Roy Bourke	Baby Playboy / Mills .75	11:07, 8:36, 10:06, A, 8:46 / 38:35
3 Richard Barlow	Playboy / Cox .049	10:18, A, 7:14, A, 8:11, 5:36 / 31:19
Bob Ryan	Playboy / Cox .049	5:25, 5:25, 5:45, 4:22 / 31:19
Sam Burke	Anderson Pylon / Cox .049	A, 4:59, 2:41 / 7:40

Casual Contest

Although the weather wasn't very cooperative this spring a small group of enthusiastic flyers did manage to squeeze in a casual meet at Hendershot Field on June 4. Flying that day were Mark Rzdca, Jim DeTar and Bob Clemens with Vet Thomas providing timing and moral support. Three events were flown with Jim capturing first place in Golden Age Civilian (Farman 400) and No-Cal Scale (Wildcat) while Bob took first in Embryo with his Westland Whatzit. Vet flew his Cub but there were insufficient entries with full-scale models to make an official event.

These get together are a great way to spend a Saturday morning and hone your flying skills for the next "big" meet. Short order notification is the watch word. Jim DeTar rules the casual contest scene so send him an email at james.detar@kodak.com if you are interested.

Mark C. Rzdca



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