



The THUMB PRINT
Thermal Thumbers Of Metro Atlanta

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May-June, 2017

HEADS UP

Welcome to the third issue of the year. It's a little tardy. I'd tried to get it out prior to the Rantoul and Muncie Nats, but that didn't happen. However, no contest coverage was missed and we got to report on the two Nats instead of promoting them. You'll find a pithy issue, full of contest reportage and some good photos, thanks to the membership. The club's current high point standings are posted and worth a look. The club is hard at it, and its very much there for the taking. That said, you'll find the remaining indoor and outdoor contest schedule later in the issue, as well as the flyer for CAFFA's October contest. So, why don't you glue some sticks together and show up somewhere and fly a model airplane. It's good for you.

It's time for me to get out of the way. See you at St. Lukes and the N GA Turf Farm.

JOIN US ON THE CHEAP

It's August, so all of you with a seriously malignant case of the "oops, I forgot" can join TTOMA @ 1/2 price. The required form, so amended, follows. Ergo, stroke Karl "Karats" Hube that check, signed on the line that is dotted, and mail it to his stately manor at the address indicated. You know who you are. Eyes on you!

THUMBS ON THE MEND

Two Thumbs suffered from infirmities since the last issue. Whit Russell had a stent put in and is feeling much better and should be back in his garden at this pecking. Jumping on the pity wagon, your editor went through a six-week sinus infection that took two 10-day antibiotic schedules to defeat. If you asked Whit, I'm sure he'd say feeling good is the best thing in the world. I wouldn't argue with him.

THUMBS ON THE MARCH

A few Thumbs made the drive up to West Baden, IN and made their presence felt at the big indoor contest. Many felt it was an organizational dry run for the World F1D Champs next year. The venerable, old flying site proved a serious draw with 36 contestants from as far away as the West Coast and Canada. Fifteen flew F1D! Josh Finn scored thirds in F1L and F1R. Nick Ray set a national record in F1L and scored second in Ministick. Bill Gowen won Limited Pennyplane and newcomer Dan Crews finished in the middle of an experience pack of 11 fliers, and Lee Russell wasn't that far behind. Hope Finn scored a third in A-6, just ahead of Bill Gowen.

I couldn't find much in the way of actual results from the Rantoul Indoor Nats, but several Thumbs attended, and some of the results can be summarized. Hope Finn won the Phantom Flash Mass Launch. Josh Finn won Hand Launch Stick and Cabin and set a new national record in Cat. II Autogiro. Attendance didn't seem to be up to last year's count, and last year's sweat-boxing of the contestants was blamed. Many thanks go to Bud Lane and Bill Gowen for making it all happen. I will grouse a bit about

the absence of event scores in the NatsNews reports, but being unfamiliar with the circumstances, I'll leave it there.

The Thumbs weren't in their usual abundance at this year's Muncie Nats. Regardless, those that attended made their presence felt. Hayden "Tripwire" Ashworth won 1/2A Classic Jr, B Electric, E-36, 1/4A NosGas and 1/2A Gas Jr, plus a third in P-30. Frank Perkins won first in Andrade Rubber, second in Catapult Glider and fourth in P-30. Ed Hardin placed second in OT Small and Large Rubber Stick, fourth in Small NosRub and sixth in Moffett. Scott Lapraick placed fourth in E-36. Overall, attendance was down from last year, and the field was the wettest in memory with ponds all over the place. However, the weather that week was pleasant enough with mild winds and temperatures, and only Thursday was rainy.

THUMBS IN PRINT

Hayden "Tripwire" Ashworth can be seen in a number of places on the AMA website, mostly in the Nats promotion and coverage. Yes, the young man does take a good picture. However, he shouldn't rest on his laurels. The even younger William Wicks is getting a bit of coverage now. If Hayden isn't careful, he might be replaced with a younger "face of his generation".

I may as well get this one out of the way. I served as Editor-in-Chief of NFFS's *2017 Symposium Report*. It's a good one at just over 200 pages with no fluff and well worth your while to buy and read. I'll call it a labor of love, but anyone who's been anywhere near a maternity ward knows what that sounds like. It was the second year using the panel-of-editors method, and it worked and is highly recommended. IMHO, this is the way forward.

Your editor also graces the pages of the August, 2017 issue of *Model Aviation* in Louis Joyner's column. At the 2016 Nats he struck up a conversation with me, and I held forth on my "Hammerhead" P-30, rambling on about its origins, namely Stan Buddenbohm's "Airshark", and development history. He took some photos, and Louis interviewed me later over email. A year later the column appears. It's a good read, summarizing in a few words my P-30 philosophy, and my Hammerhead looks pretty good in the magazine, if I do say so.

YARD SALE OF THE CENTURY

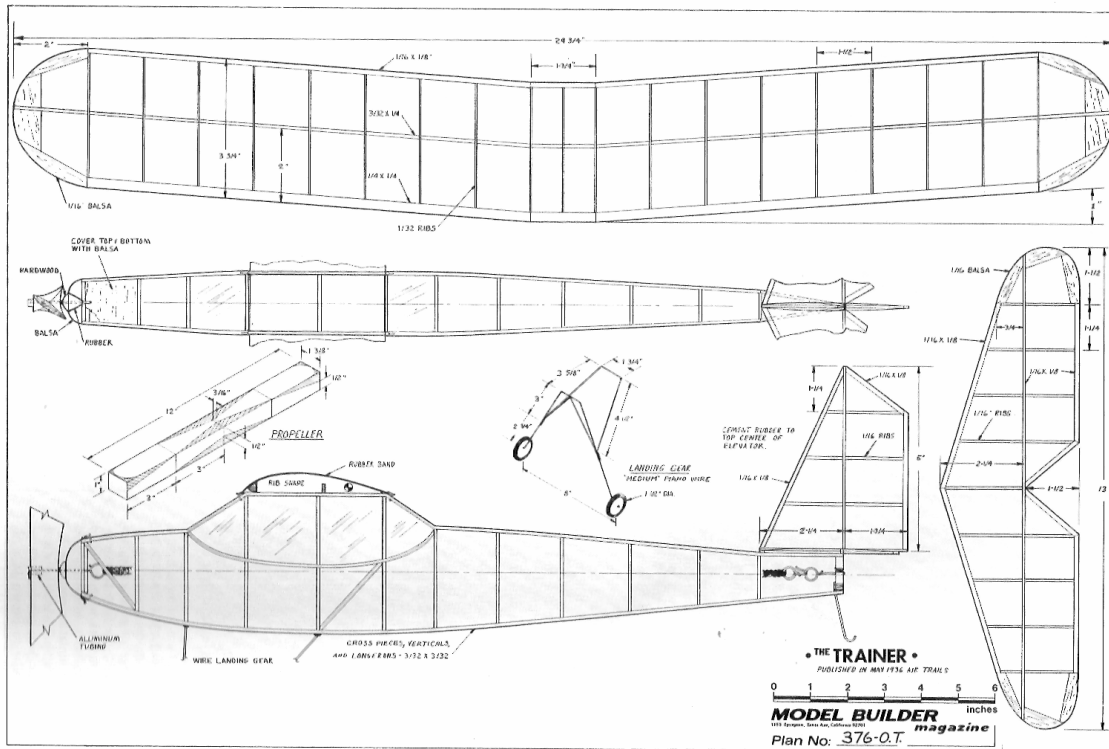
Slow progress is being made on the Walston yard sale of what's in the outbuildings. The Sympo's demands and my six-week sinus infection took their toll. However, the engines and assorted stuff are now organized, and photos of the boxed engines follow to illustrate. (There will be no "list". Are you kidding me?) Fret not, most of the boxes you see are full.) Next, the boxes you see will be emptied, and the grouped engines will be photographed and a collage done. A flyer with the time and other factoids will be emailed far and wide. Expect a good turnout. I put the engine count at 500-to-600, and Dick Konkle, 800-1000. Who knows? Frankly, the stash is so big it really doesn't matter. There will also be machine and hand tools, lots of kits and other items. Everything will be priced to sell, reflecting the current market, and volume discounts provided. A date is yet to be picked but figure sometime in September. Bring some serious cash, and expect genuine sales pressure. All the money will go to Jim's health care.



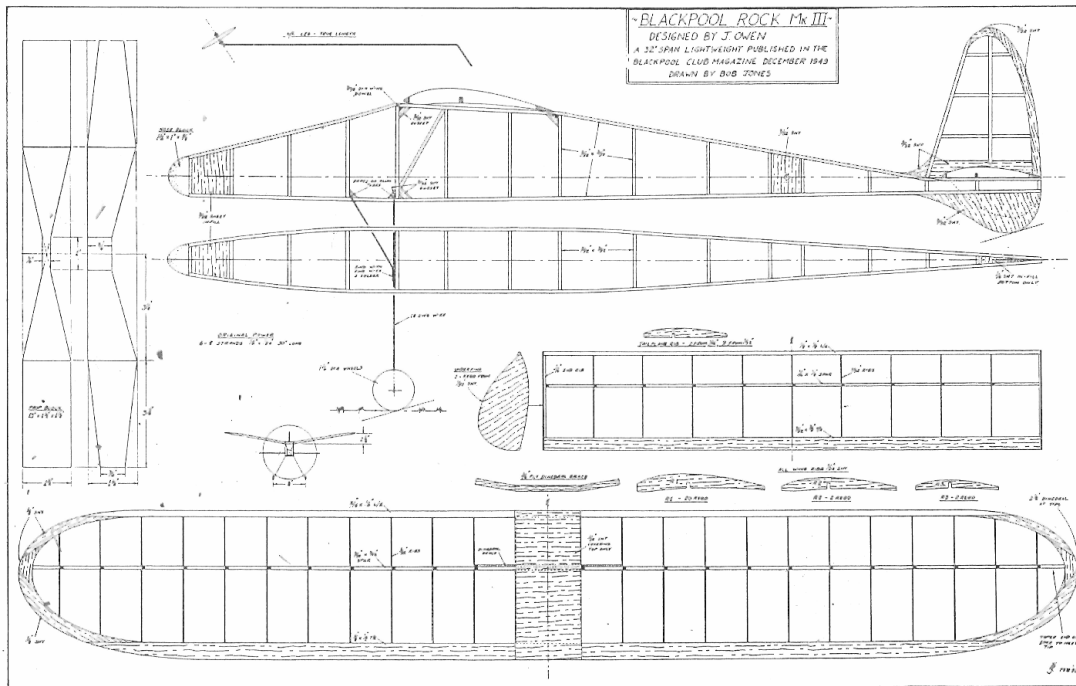


TREASURE TROVE

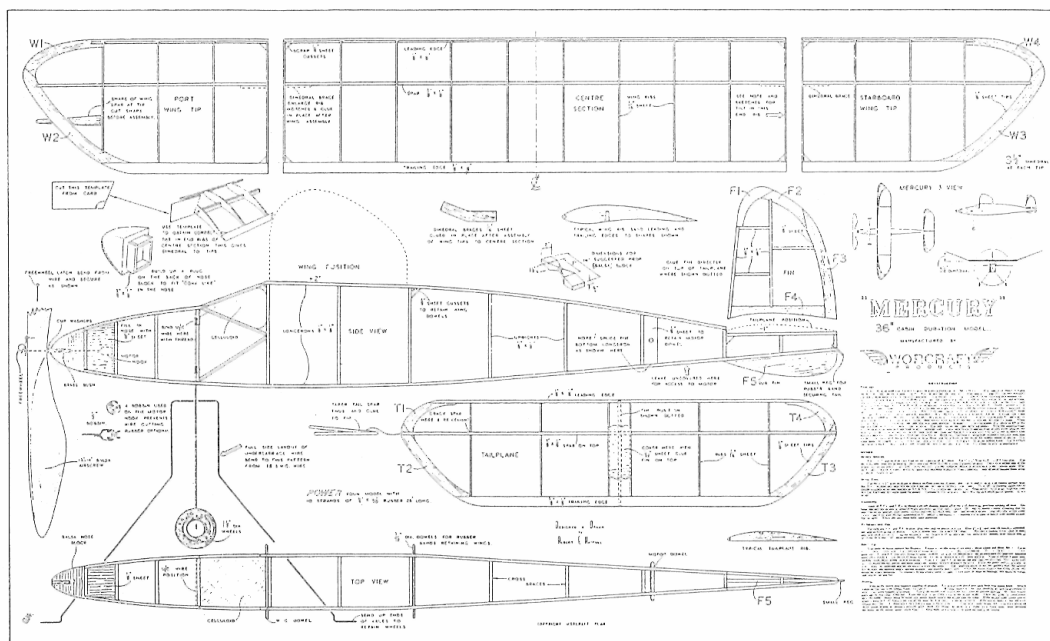
Despite my labors on the 2017 Sympo, my archivist tendencies remained sufficiently in bloom, and a trio of good-lookers follows. First up is the “Trainer” from the May, 1936 *Bill Barnes Air Trails*, purportedly designed by the luminous Gordon Light, 1935 Wakefield World Champion. This one’s a natural for FAC’s 2 Bit Plus 1 event with a 24.75-inch wing span and 12-inch freewheeler and is lightly drawn throughout. This bird will fly and look good doing it, and a welcome diversion from the “FA Moth” and the other usual suspects. Thankfully reprised in *Model Builder* during its run, the plan is available full-sized from the AMA. It’s on my build list.



Here’s a rare one from across the pond, J. Owens’s “Blackpool Rock Mk. III”, resurrected from the obscure Blackpool Rock club newsletter of December, 1943 and published in the *Sam 35 Yearbook No. 7*. It looks like a real cinch in SAM’s Commercial Rubber and FAC’s Old Time Rubber Fuselage. The wing span is given as 32 inches, and the freewheeler looks 13-ish inches. Airfoils, areas and moments will surely oblige, and it’s lightly drawn throughout. The bird will fly and look good doing it.



Also enshrined in the SAM 35 Yearbook No. 7 is the 1949 “Mercury” by Albert Hatfull from Worcraft. You’ll recall the designer’s name, of course, for this is the immediate predecessor to the redoubtable “Senator” of the same pedigree, aspersions as to the contemporary “Supa Dupa”, notwithstanding. Believe it or not, some Brits in the know think this design is superior to the better known Senator. Fair praise that, and the tips are going in the right direction, and the stab is in the right place. Alas, too old for the FAC, it looks like a winner in SAM’s Commercial Rubber with a 36-inch span and big, 14-inch freewheeler. Alas, it’s too old for FAC action. Airfoils, areas and moments will surely oblige. This bird will fly and look good doing it. (If forced, both this and the preceding Blackpool Rock can slot into sloppy second models in NFFS’s Small NosRub.)



MAKING A LIST

Here's where we stand at this juncture with the club's high point tourney. It's a good vantage point, midpoint in the flying schedule, and looking back at it, the impact of the Chattahoochee Challenge is evident. This big lump of points made up a lot of ground versus the indoor action. Those who fly both indoors and outdoors reaped the benefits, as well it should be. The game's afoot.

Karl Hube	37	Frank Perkins	14	Savannah Canady	9
Dohrman Crawford	34	Jim Conery	13	David Mills	5
Hope Finn	28	David Barfield	11	Joe Ryan	5
Josh Finn	25	Jimmy Jordan	11	Matt Canady	4
Gary Morton	21	Lee Russell	10	Gary Baughman	3
Richard Schneider	20	Nick Ray	10	Hayden Ashworth	1
Bill Gowen	16	Dan Crews	9		

NEXT ISSUE

Expect something in October. The featured item will be Gary Baughman's annual Turkey Shoot flyer. Also, look for the write-up on the Walston yard sale and subsequent matters. You can expect some contest reports and whatever else is gaffed coming across the transom.

Once again, I beseech the multitudes to send in whatever they have in the way of articles, photos, plans, rants, or raves. Don't make me work too hard!

Summary Outline 2017 Thermal Thumbers Officer's Meeting

July 12, 2017

Karl Hube, Secretary/Treasurer, reporting

1. History: TTOMA Charter issued in 1980, but there were predecessor clubs over the 1960s and 1970s such as the Flying 8-Balls
2. TTOMA is affiliated with FAC Squadron 57 (Phantom Squadron) and SAM 2012
3. Donations and Community Outreach to include: a \$500 donation to St Luke's Presbyterian Church; an Aircraft Spruce Gift Card to the North Georgia Turf Farm (not to exceed \$150); and \$100 donation to the NFFS Scholarship Fund
4. Electronic payment discussed and considered too great for expected results of adding new members.
5. Model/Event of the Year for 2018-2019 will be No-Cal Scale. Flown indoor and outdoor, current FAC rules will govern.
6. Hi-Start glider regulations for scale and non-scale models will follow FAC Provisional rules. A commercially prepared line kit is available from Retro RC.
7. How to expand indoor activities? Perhaps find a large site on a one-off basis to fly a larger competition.

8. Trophy allocation, drop the Spirit of Comet trophy for lack of interest.
9. Proposed Power Point presentation at the annual banquet. Room will be checked to determine if the layout for viewing is possible. We have significant talent among club members to do the presentation.
10. It will be determined if upgraded version of the Weebly club website software would improve the site. A free version is now being used, and there would be an annual fee for an upgraded version.
11. The club will consider a head-to-head postal CLG challenge against CAFFA and perhaps the FMA. .
12. Based on financial and member roster data presented, we are currently carrying almost all the activity we can manage. Our club annual charter renewal is \$80.00 and the insurance for the indoor and outdoor sites is \$120.00. We use 20 competition sanctions per year and the sanction fee has gone up to \$25.00 each for a \$500.00 annual total. After paying these fees, we have about \$1,000 to cover the items listed in Paragraph #3, as well as banquet trophy fees and any prizes given during the year like the \$200 of Publix Gift Cards used in the November Turkey Shoot. We currently hold \$1,000 in escrow that was donated to TTOMA when the Pensacola club dissolved. We are committed to the Pensacola Free Flight Team to use the money for promoting and conserving Free Flight.
13. Safety and first aid issues were discussed, and we will provide information in the CD kits giving instructions on how to direct medical help to our flying sites and what medical help is available if we decide transport an injured or ill flyer. A good, basic first aid kit will be added to the CD kits.
14. Junior member dues were discussed and the decision was to have a Junior member pay the traditional one dollar to join, but they will no longer need to pay an annual one dollar renewal.
15. Members at the meeting were David Barfield (President), Jim Altenbern (Vice President), Karl Hube (Secretary/Treasurer), Dohrman Crawford (Safety Officer) and David Mills (Newsletter Editor).

LATE 2017 TTOMA MEMBERSHIP FORM

Name _____ **AMA #** _____

Address _____

State and Zip Code _____

Other Family Members and AMA # _____

Telephone _____ **E-Mail** _____

\$10.00/yr. adults, plus \$1.00/yr. for all juniors and additional family members in same household. Send check, payable to TTOMA, to Karl Hube/104 Smith Forest Lane/ Alpharetta, GA 30004/770-886-0104. Membership good until 12/31/2017.

Contest report
TTOMA Indoor Contest
St. Lukes
May 27, 2017

Seven fliers registered for the May 27 contest and recorded 54 official flights. Here are the complete flight times:

F1D (¼ motors)

Nick Ray 5:58, 5:32, 5:56, 6:05, **6:07, 6:08** (12:15 best 2)
Joshua Finn 5:50, 5:52, **5:57**, 5:47, ATT, **6:09** (12:06 best 2)
Hope Finn 4:36, **4:48, 5:00** (9:48 best 2)

Phantom Flash

Hope Finn **137, 54, 161, 161** (459 best 3)
Dan Crews **54, 108, 118** (280 best 3)
Joshua Finn **84, 133** (217 best 3)

Limited Pennyplane

Bill Gowen **9:07**
Joshua Finn **5:38, 6:53**
Dan Crews 1:20, 5:01, **6:02**, 5:46
Lee Russell **4:06**

A6

Bill Gowen **6:00, 6:13**
Hope Finn 5:15, **5:39**, 5:31
Joshua finn **4:30**

Mini-stick

Lee Russell 1:11, **1:26**

No-cal

Joshua Finn 2:12, 2:06, 2:19 (6:37 total)
Richard Schneider 1:31, 1:27, 1:38 (4:36 total)
Hope Finn 0:42, 0:56 (1:38 total)

Peanut Scale

Richard Schneider 0:42, 0:42, **0:42**

Back Porch Pusher

Richard Schneider 0:53, **0:56**, 0:47

June Indoor Contest Report

It was the siren song of the big Kibbie Dome indoor contest out in darkest Idaho that proved to be a big draw for our indoor fliers. Gone, baby, gone! The end result was two (2) contestants at St Luke's on Saturday, Richard Schneider and your humble correspondent. Our small scale planes fit the bill all day until about 2 pm when we shut it down and went home.

Richard brought a new Dime Scale Farman Stratoplane. He did a nice job on it. We set to trimming it, and got it trimmed out pretty well in about eight, short flights. The panel of experts decided it needed a slightly taller rudder, so a 1/8 inch piece was lightly glued to the top of the fin. This solved the problem right away, and the very cool looking little plane made some excellent flights. Alas, I don't have a Dimer for indoor flying, but this will be remedied soon. It will have to be a good one to compete with Richard's ship.

Peanuts proved to be the weapon of choice, and numerous flights were made with your humble correspondent's Bede 4 versus the Nesmith Cougar of Herr Schneider. We even had a mass launch of two. I hope some of you slackers (you know who you are) and will get off your duffs and bring a Peanut Scaler to the next indoor contest, as the mass launch was a hoot.

I think a scale plane around 18-to-20 inch span would work well at St Luke's. Think Simplified Scale, like a little bigger Dimer model. I have a bunch of Mike Nassise plans that would work. His models are easy to build and light weight, and they all fly well. It's something to think about.

It was fun to see scale-like planes flying around the gym. I plan on doing this again. Why don't you join us at St Luke's? Here are the results. Dohrman Crawford, CD, reporting.

Peanut Mass Launch

Richard Schneider Nesmith Cougar
Dohrman Crawford Bede 4

No Cal Scale

Richard Schneider Boeing XP-9 3:57

Peanut Scale

Dohrman Crawford Bede 4 115
Richard Schneider Cougar 109

Dime Scale

Richard Schneider F. Stratoplane 1:51.



July Indoor Contest Report

The July indoor contest was lightly attended due to several of our regular participants traveling from the Kibbie Dome and to the Rantoul Nats. Even though we had a low turnout, a decent number of events were flown. The air was quite good in the late afternoon. Perhaps this was due to our club officers holding their meeting (hot air source) in a corner of the room. Dohrman Crawford, CD, reporting.

Ministick

Lee Russell 1:36

Unlimited Pennyplane

Lee Russell 3:42

Limited Pennyplane

Lee Russell 2:14

Dime Scale

Richard Schneider Farman Stratoplane 133

Peanut Scale

Richard Schneider Nesmith Cougar 124

No-Cal Scale

Richard Schneider XP-9 261

F1R

Nick Ray 52:41

Chattahoochee Challenge Contest Report

Our two-day contest, christened the Chattahoochee Challenge, proved a very fun weekend for the fliers. The weather was fantastic both days! The individual highlights were Jim Conery's Super Ace flight of 29-plus minutes, Jim's rocking Port-a-Potty and Jimmy Jordan winning BRS to basic No-Cal rules. The arrival of FAC luminary Wally Farrell was a special treat. He ran a virtual clinic on how to fly both days and helped others the whole time. Matthew and Savannah Canady were the only Juniors with the latter out-flying the former. Wally won the high point title of the weekend. Jim changed the award rules and had prizes for everyone. Contestants picked from the pile in order of their total score for their events. This was a great way to end two days of perfect weather and flying.

A strong effort was made to publicize the contest results, and a few things were learned. I sent a blurb and photos to the FAC News, and it was published in the July-August issue. Only two of the photos sent were printed. I wanted to let the FAC community know about our contest and flying site, and that we were having the contest every June. A full page spread is needed next year. Gary Morton and Jim Altenbern, CDs, reporting.

No-Cal Scale

Wally Farrell Floyd Bean Special 409
 Karl Hube Chambermaid 249
 Gary Morton Extra 400 193
 David Barfield Wildcat 177

2 Bit Plus 1

Wally Farrell Sky Raider 318
 Dohrman Crawford King Harry 166
 Jimmy Jordan FAC Moth 133

Catapult Glider

Frank Perkins Sidewinder 177
 Wally Farrell Scout 100
 Karl Hube 93

Embryo

Karl Hube Voodoo 249
 Wally Farrell Debut 242
 Savannah Canady Prairie Bird 205
 Gary Morton Mod. Prairie Bird 129

Simplified Scale

Wally Farrell Vagabond 298
 Jim Conery Corben Super Ace 120 (oos!)

E-20

Frank Perkins Kaw Liga 270

Jet Catapult Scale

Wally Farrell Lightening 83
 Karl Hube Hawker Hunter 76
 Dohrman Crawford Vampire 52
 Gary Morton Vickers Valiant 47

E-36

Hayden Ashworth G. P. Special 120

HLG

Dohrman Crawford Merkat 36 208



P-30

Karl Hube Scorpion 360* (coin flip)
Frank Perkins ePirate 360
Dohrman Crawford Pirate 348
Joe Ryan Sparrow Hawk 312
Savannah Canady One Nite 28 304
Matthew Canady Meadow Lark 104

Dime Scale

Wally Farrell Staggerwing 341
Gary Morton Chambermaid 70
Dohrman Crawford BAT Monoplane 46

Rubber Scale

Wally Farrell 151
Dohrman Crawford Taylorcraft 057 84
Jim Conery Corben Super Ace 60

Blue Ridge Special

Karl Hube 346
Savannah Canady 334
David Barfield 282
Wally Farrell 217
Jim Conery 208
Matthew Canady 161

Phantom Flash

Jimmy Jordan 320
Karl Hube 73
Matthew Canady 53
Jimmy Jordan 380

Golden Age Mass Launch

Wally Farrell Letov
Gary Morton Farman 400
David Barfield General Skyfarer

WW I Mass Launch

Wally Farrell Martinsyde S-1
Gary Morton Fokkert D-VII
Jim Conery Fokkert D-VII

WW II Mass Launch

Wally Farrell Fiat Centavro G-55
Gary Morton Karkov K-10
Jim Conery SBD Dauntless
Dohrman Crawford Fiat G-50

Racers Mass Launch

Karl Hube Chambermaid
Wally Farrell Mr. Mulligan
Jim Conery Seversky P-35D

July Outdoor Contest Report

Our attendance was hurt a tad by the nearby July 4th holiday, but the turnout was OK. Nine contestants toed the line, and a lot of flying took place. The weather cooperated, and the day started cool and sunny with light breezes. The bucolic conditions lasted almost all day, but by mid-afternoon the wind picked up some. Thankfully, retrievals still weren't a problem. It was a great day to fly model airplanes. Dohrman's veteran Burnham Twin Pusher had the most impressive flight, disappearing across the river and surrendering to the far tree lines after over seven minutes. Barfield won the demolition derby after he crashed and trashed his Jimmie Allen "Sky Chief" and Earl Stahl "Skyfarer". David Mills, CD, reporting.

Dime Scale

Dohrman Crawford BAT Monoplane 210
Gary Baughman Waterman Racer 136

SCat Jet

Dohrman Crawford DeH. Vampire 67
David Barfield P-59
Karl Hube Hawker Hunter 61
Jim Conery DeH. Vampire 49

Catapult Glider

Frank Perkins Sidewinder 164
Dohrman Crawford Sweep 18 55

Blue Ridge Special

Jim Conery 240
David Barfield 222
Dohrman Crawford 213

Lee Russell Kiwi 214
 Frank Perkins DIY 1.0 195

Coupe
 Karl Hube Sun Spider 319

Phantom Flash
 Karl Hube 120

Twin Pusher
 Dohrman Crawford Burnham 432(oos)

2017 TTOMA Outdoor Flying Schedule

North Georgia Turf Farm/ Whitesburg, Georgia
 Flying is scheduled from 9:00 am to 4:00 pm

Date	Contest	Contest Director
August 13, 2017	Fizzle While You Sizzle Specials: E-36 and SCat Jet	Graham Selick
September 24, 2017	Summer's Swan Song Specials: 2 Bit+1 and BRS	Dohrman Crawford
October 29, 2017	Last Fling 'til Spring Specials: Jimmy Allen Scale and Embryo	David Barfield
November 5, 2017	Gary Baughman	Turkey Shoot

Note: The term “**Specials**” shown under each contest name is a new feature for 2017. The Specials are highlighted events with a prize for the winner. If two or more flyers score official flights, the winner will receive a return of the entrance fee. A flyer can win only one Special refund for the day. As always, any other event can be flown for fun or to score points for the big collection of club awards available at year’s end.

2017 TTOMA Indoor Flying Schedule

St Luke’s Presbyterian Church Great Hall/ Dunwoody, Georgia
 Flying is scheduled from 9:00 am to 5:00 pm

Date	Contest	Contest Director
August 19, 2017	Monthly Contest	Joshua Finn
September 16, 2017	Peach State Indoor Champs	David Mills
October 7, 2017	Monthly Contest	Bill Gowen
November 18, 2017	Monthly Contest	Nick Ray
December 16, 2017	Monthly Contest	Joshua Finn
January 20, 2018	Monthly Contest	Bill Gowen



Carolina Area Free Flight Association



**FREE FLIGHT CONTEST
RAEFORD, N. C. OCTOBER 14-15, 2017**

SATURDAY, OCTOBER 14

FAC WW I Mass Launch
FAC WW II Mass Launch
FAC Embryo (ROG)
FAC No Cal
FAC Jet Catapult
AMA Catapult Glider
AMA P-30
Blue Ridge Special
Flying Horde Mass Launch #

SUNDAY, OCTOBER 15

FAC Mod Civil-Mod Mil Comb Mass Launch
FAC Combined Racers Mass Launch
FAC Two-Bits + 1 (ROG)
FAC Dime Scale
FAC Phantom Flash (ROG)
FAC GHQ Peanut
NFFS E-20
AMA 14gm Bostonian (ROG)
SAM Twin Pusher Mass Launch

Saturday Special

Flying Horde Mass Launch

Any rubber powered model airplane or glider of 26 inch wing span or less
Last one down wins

Winner gets to select a prize of one year FAC Membership, or one year NFFS Membership, or one pound 1/8 FAI SS Rubber or a copy of Don Srull's book "Cover Art from MaxFax"

Motorized chase vehicles allowed on roadways only

On field comfort facility

Contacts: Contest Director: **John Diebolt** jdiebolt@mindspring.com 919 467-1025

CAFFA Secretary: **Jimmy Jordan** jjordan18@ec.rr.com

Entry Fee: \$10.00 (Juniors Free) Covers 2 days of flying

Field location for MapQuest/GoogleMaps/GPS: 144 Ratley St, Raeford, NC 28376 (34.972354, 79.201538)