



The THUMB PRINT
Thermal Thumbers Of Metro Atlanta

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May-June, 2018

HEADS UP

Welcome to the May issue, and it's a pithy one. As is usually the case this time of year, we've been busy, and there's a ton of contest reports that follow, principal among these is from the two-day contest this June at the N GA Turf Farm. With this and all the other reports, we've pleased with a bounty of photos provided by the membership. You won't find any reporting on the April outdoor contest. The weather report was dire, and it was cancelled. Prudence proved the better part of valor because it would've been a nightmare. Josh Finn was kind enough to update the Georgia state indoor records, which follow. Time for me to get out of the way. Later, y'all.

A PARTING NAG

I guess by now you've either renewed, or you haven't. You know who you are. Ergo, if search of conscience finds you recalcitrant, stroke Karl "Karats" Hube that check to the amount indicated, signed on the line that is dotted. A membership form follows. Eyes on you!

THINGS TO DO, PLACES TO BE AND PEOPLE TO SEE

A revised schedule of the remaining contests this year follows. The only change is to the August indoor date at St. Lukes to August 4. Note it begins at 10:30 am and goes until 7:00 pm. Their monthly men's breakfast is that morning, hence our last start. Otherwise, the schedule is the same as previously published. Remark your calendars thusly. Hey, glue some sticks together and show up somewhere! It's not like we don't provide you plenty of excuses to get out of the house. Roust yourselves, the game's afoot.

July 14: St Luke's, CD-Bill Gowen

July 15: NGT sod farm, Peach State Champs, CD-David Mills

July 18-21: FAC Nats, Geneseo, NY

July 23-27: USOC Outdoor Nats, Muncie Nats

Aug. 12: NGT sod farm, Fizzle While You Sizzle, CD-Graham Selick

Aug. 4: St Luke's, CD-Nick Ray

Sept. 15: St Luke's, CD- Joshua Finn

Sept. 23: NGT sod farm, Summers Swan Song, CD-David Barfield

Sept. 27-28: FAC Outdoor Nats, Muncie, IN

Oct. 7: NGT sod farm, Last Fling til Spring. CD-Lee Russell

Oct. 20: St Luke's, CD-Bill Gowen

Nov. 4: NGT sod farm, Turkey Shoot, CD-Gary Baughman

Nov. 17: St Luke's, CD-Nick Ray

Dec. 8: St Luke's, CD-Joshua Finn

Jan. 12, 2019: St. Luke's, CD-Bill Gowen

THUMBS IN PRINT

Once again, our humble club newsletter scooped the nation Free Flight media. The plan of Frank Perkins's "Sidewinder" CLG is published in the March issue NFFS's *Free Flight*. Previously published by his home rag, the plan is a dandy rendering, quite lovely and helpful. Well done, Frank.

Also, a little of Hayden Ashworth's adventures at Fab Feb on the west coast is heralded in the same issue. Be advised, a photo therein indicates Hayden is a good bit taller and carrying some newfound beef. Growing up and out obviously, he can put more meat behind his launches now. Keep it up, Hayden.

Josh Finn publishes a fine article in the May issue of *Free Flight* on the latest iteration of his "Maxout" Embryos, the "Maxout X". It's a fine article and plan. The design's development process is fully discussed, and the plan is now available from the NFFS Plans Service. Get yours today. (The "X" stands for the ten-year anniversary of the design, not the number of models actually built. Perhaps not that many actually flew away, too.)

THUMBS ON THE MARCH

As expected, young Hayden Ashworth has been formally added to the USA's World Championship Team and will be on the global stage taking it to those not blessed to be sired from-sea-to-shining-sea. Good job, Hayden, and good luck. We're all very proud of you.

Bill Gowen was the only Thumb to attend the Rantoul USIC. Low attendance, unfortunately, was a hallmark of this year's event, so it wasn't just us. Bill didn't waste any time and flew numerous events. He finished well in all of them: Pennyplane, Unlimited Pennyplane, HLG, Standard and Unlimited CLG, F1M and A-6.

We'll see what the future holds for the USIC. The AMA is building a large, purpose-built indoor arena facility alongside the AMA HQ in Muncie. They envision holding the USIC there, as well as other indoor RC contests and a variety of big time, industry tradeshow. Not doubt the effort will be successful at most of these intentions. We shall see what it harbors for indoor Free Flight. It might help to recall that it wasn't too long ago that the Johnson City indoor Nats provided fields hovering around 100 registrants on occasion. If the AMA builds it, will they come?

A number of Thumbs attended the World F1D Indoor Champs and helped officiate the proceedings. The big soiree in West Baden, IL wasn't without controversy, however. Odd for an indoor contest, the weather played a major part in the contest. Due to off-and-on snowstorms outside, the atrium was plagued by turbulence and other excitement, including thermals! Big picture, though, the best fliers on the day went to the top, and the USA did well. Nick Ray managed to get several photos published in the AMA's *Model Aviation* and elsewhere.

THUMBS NOT ON THE MARCH

Several Thumbs had plans to fly at the Kudzu Contest in Raeford, NC. However, the contest was called off because of weather. Caution reigned, and it was just as well. The area was deluged and blown out with serious rain and winds. There's always next year.

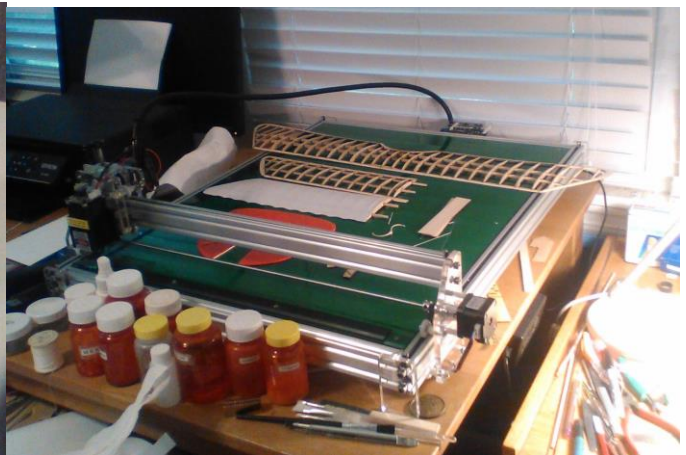
THUMBS IN REPAIR

Dohrman Crawford says there's another player to supplant Jim Walston's old wares in the marketplace. He found someone to re-solder antennae on one of his transmitters for ten dollars, American. Their website is: wmimodelaeronautics.com/home/html. His stuff looks a lot like Jim's. Check it out.

THUMBS AT HOME

A few months back someone asked me how Brook Dixon Sr. and Jr. were doing. I didn't know, having not talked to them in a long time. I had some errands planned for the Roswell area, so I made plans for a visit. That happened, and I've the following to report. Both are doing fine, although Brook Sr. suffered a mild stroke about ten years ago. Jr. is still employed in IT by the Federal DOE, and Sr. continues to build models and act retired. He's recently bought a Chinese knock-off laser cutter, and is building models with it. A photo of a WACO of same follows, along with an Albatross on the cutter. He says the Chinese software is an

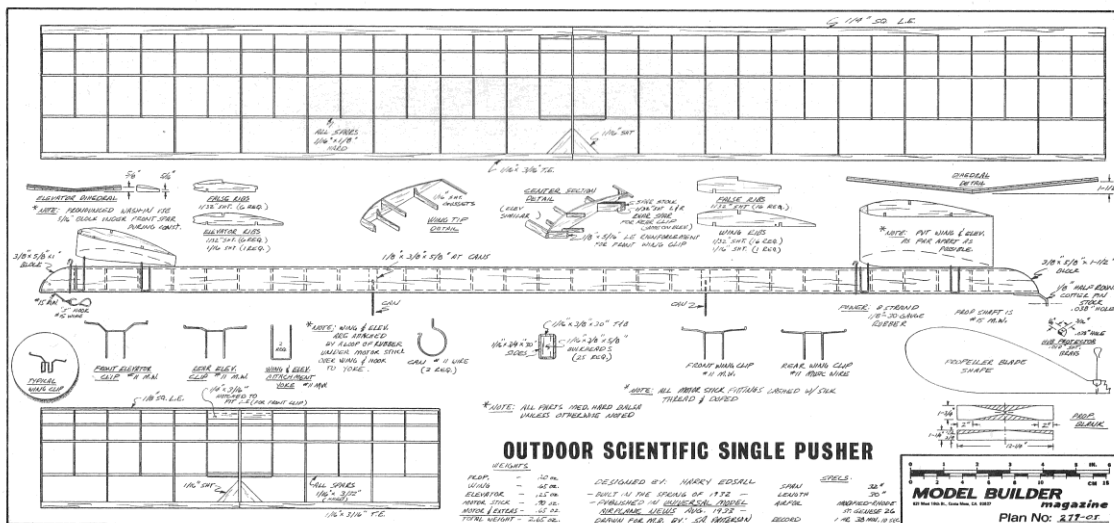
absolute nightmare, but good and cheap versions are available domestically from-sea-to-shining-sea. They asked me to pass along a fond hello, and they can still be reached at their old numbers.



TREASURE TROVE

OK, I'll admit to being a smarty-pants. An example of which is my tendency to delve into obscure sources for items to publish in this rag. Not so with the first item, Harry Edsall's "Outdoor Scientific Single Pusher", because I ran across this nugget in the February, 1979 issue of *Model Builder*. (However, it first saw light in the *tres outré* *Universal Model Airplane News* in 1933, so maybe this qualifies, after all.)

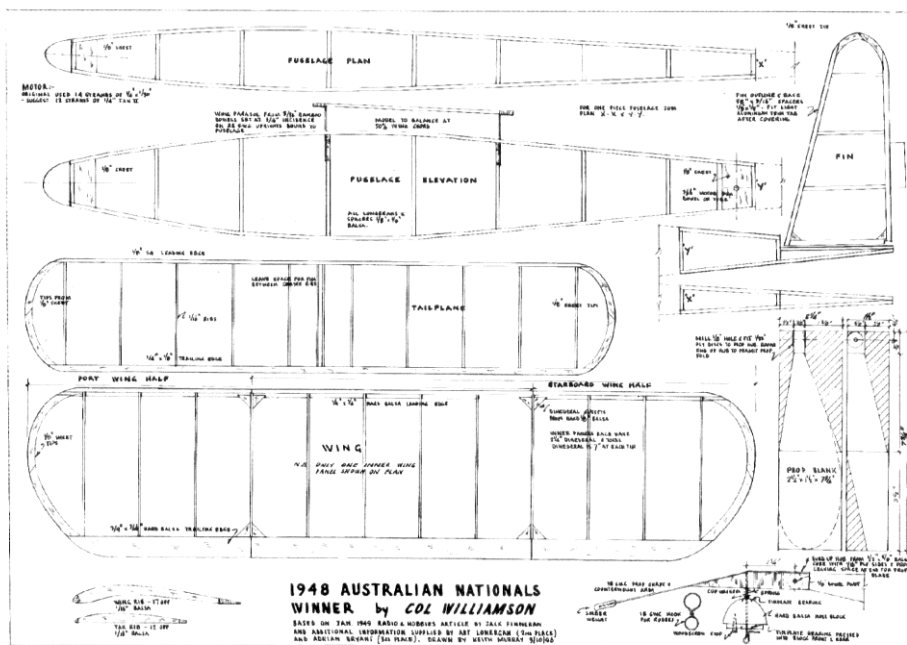
The OSSP would be a hoot to bring out to the flying field. The roll call of exotic qualities start but don't end with its being a pushing canard, built-up stick model and older than Methuselah's butt crack. Other qualities do induce, keeping in mind that canards fly just fine if trimmed right. It's drawn lightly and both airfoils, though mundane, should work just fine. The ample prop and motor run should churn the atmosphere nicely. The wing's 32-inch span and 4-inch chord gives it sufficient squinches to be taken seriously by physics. Pushers do offer trimming challenges, though; just remember to make all your thrust adjustments arse-backerds. This bird will fly and look plenty odd doing it.



Wallowing in acceptable rule book permissiveness, I'd ditch the arcane wing and stab wire mounts and substitute proper balsa saddles for same. A stab DT should be easy-peasy. The prop should be rendered as a free-wheeler, aiding the glide immensely, and it badly needs a more reliable prop shaft bearing, easily done. The accompanying text recommends the CG should be around 4.25 inches ahead of the wing leading edge—sounds about right. Also, the plan's suggested trim for the stab, namely large wash-in at both tips, might be better implemented with less drag by a tad more incidence. As is, it conveniently slots into quite a few categories: SAM's Small Rubber Stick and FAC's Old Time Rubber Stick, plus for those with a sense of humor, AMA's Mulvihill and NFFS's Small Mulvihill (Andrade Rubber). Shrunk down to fit the 30-inch box

spec, you may have a serviceable P-30 with the use of the required plastic prop. Regardless, plans should be available from the AMA, but everything being rectangles and straight lines, the OSSP could be drawn up at home easily enough.

We'll close this installment with some easy dredging from the recent March issue of *Free Flight*, NFFS's magnificent rag. I'm a sucker for the ore of the British Lightweights, and therefore happy to present the "1948 Australian Nationals Winner" by Col. Williamson. It's well known on both sides of the pond as a good flier. Current appraisals agree, and these eyes see nothing to refute the accolade. For all the wing airfoil's Marquardt-ish ambiance, it looks functional, and the stab features a proper Clark Y-ish variant. The one-bladed folder should bestow sufficient heft aloft. Also, you'll note an absence of any landing gear—less wire to bend! Lightly drawn, it won't weigh much and should be an easy build, nothing but sticks. Please note that only one inner panel is shown, so build two!



Seeing it in the digest was a real treat for me, its being mentioned in print here and there in magazines over the years but never actually beheld. It's reputed to be vice-less, save the usual imponderables of its brethren of the era, for which it cannot be blamed. Previous calculations by others push it a tad over SAM's and NFFS's 150-squinch wing area limits, so it'll slot into the former Large Rubber Cabin and the latter Large NosRub categories. This bird will fly and look good doing it.

(Present members of NFFS are already aware of this design. Those not so aligned, well, it's not the first time you've been behind the ball, is it? Those so aligned can order the plan from NFFS without shame. By the way, the NFFS membership form follows. Note the special newbie or recalcitrant deal.)

MAKING A LIST

What a difference a few contests make. Dohrman has assumed the lead, and the field is fleshed out by a bunch. Still, there's plenty of flying left, so glue some sticks together. The game's afoot.

Dohrman Crawford	53	James Martin	11	Doug DeMasie	7
Josh Finn	48	Matthew Canady	11	Lee Russell	5
Hope Finn	36	Jimmy Jordan	10	Dana Russell	4
Nick Ray	18	Dan Crews	9	Gary Morton	4
Jim Conery	16	David Barfield	9	Todd Russell	3
Richard Schneider	15	Joe Ryan	9	Jim Altenbern	2
Karl Hube	12	Bill Gowen	7		

NEXT ISSUE

Look for something in late August. It'll carry news from the Muncie Nats, but be forewarned. There won't be the usual bounty of Thumbs in attendance. Regardless, news of note from the local area will be in abundance. We might even half the flier for the Gary Baughman's Turkey Shoot in November. In the meantime, glue some sticks together and show up somewhere with a model airplane!

And as always, send me whatever you have in the way of articles, plans, photos, rants and raves. Don't make me work too hard. Later, y'all!

May Outdoor Contest Report

Not much to report here, but we had fun. Everyone who stayed away without cause (meaning, "just cause") really lost out. It wasn't until late in the day that the wind picked up a little too strong, and no rain occurred while we were there. My CLG got carried away on its second flight by a nice thermal from then hangar down to the creek, and of course, it had no watch on it. Last I was able to see it was behind the trees, so a little jaunt across the to the extra field found it sitting and waiting most of the way across.

(Try these scores on for size. These should put me on top of the heap for high point outdoor. Maybe the only time you'll ever see that.)

Catapult Glider

David Barfield 179

Doug DeMasie 134

D. Crawford 98

Jim Conery 72

SCat Jet

David Barfield P-59 Airacomet 63

D. Crawford DeH. Vampire 45

Jim Conery DeH. Vampire 35

No-Cal Scale

D. Crawford Cessna Bird Dog 108

May Indoor Contest Report

The May indoor contest was well attended with seven participants despite several of our regulars being notably absent. Joshua Finn beat his own AMA Cat I F1R record with an amazing 28:12 flight. Judging from the flight profile, we can expect a higher time in the near future. Nick Ray raised the club Ministick record to 10:32 and went on to take home the Big Unicorn.

(A few editor notes: Speaking of big, Josh debuted his monster Unlimited. Seeing is believing, over 600 squinches! FYI, Hope is constructing a new human being. Rollout is early August.)

Order of the Unicorn

Nick Ray

Joshua Finn

Dohrm Crawford

Hope Finn

Phantom Flash

Hope Finn 6:16

Joshua Finn 4:45

Dan Crews 3:48

Hangar Rat

Dohrm Crawford 5:17

Joshua Finn 3:38

Hope Finn 3:06

Dan Crews 0:58

A-6

Lee Russell 3:17

Ministick

Nick Ray 10:32

Peanut Scale

Joshua Finn 0:69

F1R

Joshua Finn 28:12* nat'l record pending



June Indoor Contest Report

We had a small turnout for the June contest with only 5 flyers. Josh and Hope were at Lakehurst, and Bill (whom I thought was going to Kibbie but did not) was not present either. Nick spent most of the day flying his F1R when he was not busy helping me figure out my A-6. Richard and Karl had a good time flying Peanuts, No-Cals and Hangar Rats. Dohrm also stayed around most of the day flying his Hangar Rat as well. We all had good time. My son Travis Russell from Salem, Oregon was here visiting me, and he attended the event but did not fly. He is a member of the Willamette Flyers. Here are the times. CD Lee Russell reporting.

Chattahoochee Challenge

Richard Schneider 341

Dime Scale

Richard Schneider 72

No-Cal Scale

Karl Hube 241

Richard Schneider 192

Peanut Scale

Dorm Crawford 101

Richard Schneider 55

Hangar Rat:

Dorm Crawford 4:04

Helicopter

Karl Hube 3:44

A-6

Lee Russell 3:35

35 CM/F1R

Nick Ray 24:57+26:37 = 51:27

2018 Chattahoochee Challenge Contest Report

FAC Rubber Scale

Dave Mitchell Waco QDC 97.1
Wally Farrell Miles Falcon 95.6
Dohrman Crawford O-57 T'craft 54.3
James Martin Nesmith Cougar 54.0

Simplified Scale

Wally Farrell Vagabond 328
Dave Mitchell Fleetster 240
Roy Courtney C-34 152
Dohrman Crawford Auster 116
Dave Mitchell Tilbury Flash 230

Catapult Glider

Kit Bays 290
Dohrman Crawford 266
Doug DeMasie 120
Jim Altenbern 97
Jim Conery 57

No-Cal Scale

Dave Mitchell SBC-3 635
Wally Farrell Clipper 334
Dohrman Crawford Turbo Stallion 224
Roy Courtney Chambermaid 217
Gary Morton Conquest 1 47
x-Dave Mitchell PBY Catalina (220)
x-Wally Farrell Cardinal (291)

Golden Age Mass Launch

Wally Farrell Letov
Jim Conery Spartan Cabin
Roy Courtney C-34
Dave Mitchell PT-19

WW I Mass Launch

Wally Farrell Dorand
Dave Mitchell Aviatik D 1
Jim Conery Fokker D-7

Jet Catapult Scale

Kit Bays Scorpion 112
Dohrman Crawford Heinkel 178 86
Wally Farrell He-609 73
Dave Mitchell Attacker 67
Doug DeMasie P-59 47

Dime Scale

Wally Farrell Beech Staggerwing 340
Dave Mitchell SBC-3 260

Dohrman Crawford BAT Monoplane 222
James Martin Martin MO-1 158
Roy Courtney C-34 153
Gary Morton Chambermaid 76
Jim Conery Seversky Trainer 45

P-30

Jimmy Jordan Majestic 328
Jim Conery Speckled Bird 292
Joe Ryan Sparrow Hawk 225
Matthew Canady Meadowlark 204
David Barfield Echo 181
James Martin Boomer 91

Embryo

Jimmy Jordan Nit 317
Wally Farrell Maxout X 305
Matthew Canady Big Cat 232

Blue Ridge Special

Jimmy Jordan 360
Matthew Canady 199
Dana Russell 114
Todd Russell 105
James Martin 103
Kit Bays 88

NBM Embryo

James Martin Bad Axe 239
Roy Courtney Gonzo 224
Mattheu Canady Big Cat 211
Jimmy Jordan Nit 89

WW II Mass Launch

Wally Farrell Hellcat
Joy Courtney Ki-61
Dave Michell Seafire
David Barfield Zero

Racers Mass Launch

Dave Mitchell Howard Pete
Wally Farrell CR-2
Jim Conery Seversky P-35
Gary Morton Chambermaid

GHQ Peanut Scale

Roy Courtney Nesmith Cougar 311.5
Dave Mitchell Nieuport 28 262.5
Wally Farrell Floyd Bean Special 207.5



Georgia State Indoor Records

Last Updated 04/12/2018

	Event	Ceiling Category	Record Type	Endurance	Date	Name	Location	National Record?
FAI Events	F1D (1.2 g)	Cat I	Single Flight	28:18	5/10/2014	Ray, Nick	St. Luke's	yes
		Cat II	Single Flight	15:10	4/14/2007	Ray, Nick	North Cobb	-
	F1D (1.4 g)	Cat I	Single Flight	22:50	8/15/2015	Lee, Kang	St. Luke's	yes
		Cat II	Single Flight	-	-	-	-	-
	F1L	Cat I	Single Flight	14:20	8/16/2014	Finn, Joshua	St. Luke's	-
		Cat II	Single Flight	13:04	1/20/2007	Gowen, Bill	North Cobb	-
	F1M	Cat I	Single Flight	16:31	11/21/2015	Gowen, Bill	St. Luke's	yes
		Cat II	Single Flight	10:07	4/16/2005	Gowen, Bill	-	-
	F1R/35CM	Cat I	Single Flight	26:35	8/19/2017	Ray, Nick	St. Luke's	yes
		Cat II	Single Flight	-	-	-	-	-
AMA Events	EZB	Cat I	Single Flight	21:04	12/8/2012	Lee, Yuan Kang	St. Luke's	-
		Cat II	Single Flight	12:35	5/17/2003	Gowen, Bill	-	-
	ROG Cabin	Cat I	Single Flight	8:00	6/18/2016	Finn, Joshua	St. Luke's	-
		Cat II	Single Flight	-	-	-	-	-
	Intermediate Stick	Cat I	Single Flight	26:35	8/19/2017	Ray, Nick	St. Luke's	-
		Cat II	Single Flight	10:56	10/21/2000	Barker, John	-	-
	HLS	Cat I	Single Flight	34:25	11/10/2017	Finn, Joshua	St. Luke's	-
		Cat II	Single Flight	15:10	4/14/2007	Ray, Nick	North Cobb	-
	A-6	Cat I	Single Flight	7:53	6/15/2013	Gowen, Bill	St. Luke's	yes
		Cat II	Single Flight	5:07	3/18/2000	Lavender, Tim	-	-
	AROG	Cat I	Single Flight	11:43	9/19/2015	Finn, Joshua	St. Luke's	-
		Cat II	Single Flight	-	-	-	-	-
	LPP	Cat I	Single Flight	10:25	4/21/2012	Gowen, Bill	St. Luke's	-
		Cat II	Single Flight	10:27	3/22/1987	Klemetsen, Howard	-	-
	OPP	Cat I	Single Flight	14:57	4/7/2018	Gowen, Bill	Chamblee	-
		Cat II	Single Flight	11:08	4/16/2005	Gowen, Bill	North Cobb	-
	Ministick	Cat I	Single Flight	10:01	10/10/2015	Ray, Nick	St. Luke's	-
		Cat II	Single Flight	6:52	5/19/2001	Downs, Sandy	-	-
	Manhattan Cabin	Cat I	Single Flight	-	-	-	-	-
		Cat II	Single Flight	-	-	-	-	-
	Autogyro	Cat I	Single Flight	12:44	6/18/2016	Finn, Joshua	St. Luke's	-
		Cat II	Single Flight	-	-	-	-	-
	Helicopter	Cat I	Single Flight	8:20	6/18/2016	Finn, Joshua	St. Luke's	-
		Cat II	Single Flight	1:46	10/30/1999	Perryman, George	-	-
	Ornithopter	Cat I	Single Flight	2:13	?	Singer, Len	-	-
		Cat II	Single Flight	2:34	4/22/2002	Goins, Chris	-	-
	Std CLG	Cat I	Best 2 of 9	1:35.9	1/11/2013	Gowen, Bill	St. Luke's	yes
		Cat II	Best 2 of 9	1:33.7	3/4/2006	Gowen, Bill	North Cobb	-
	Uldt CLG	Cat I	Best 2 of 9	1:35.9	1/11/2013	Gowen, Bill	St. Luke's	yes
		Cat II	Best 2 of 9	1:24.5	3/17/2007	Gowen, Bill	North Cobb	-
HLG	Cat I	Best 2 of 9	1:20.4	11/19/2005	Gowen, Bill	Chamblee	-	
	Cat II	Best 2 of 9	1:20.1	3/4/2006	Gowen, Bill	North Cobb	-	
Bostonian	Cat I	Best 2 of 6	4:39	4/24/1999	Lavender, Tim	-	-	
	Cat II	Best 2 of 6	5:35	10/21/2000	Barker, John	-	-	
FAC Events	10 g FAC Embryo	Cat I	Total of 3	6:02	3/13/2004	Dixon, Brook	Chamblee	-
		Cat II	Total of 3	5:42	4/22/2000	Barker, John	North Cobb	-
	FAC Embryo	Cat I	Total of 3	8:15	2/25/2016	Finn, Joshua	St. Luke's	-
		Cat II	Total of 3	-	-	-	-	0
	FAC Nocal	Cat I	Total of 3	8:07	2/21/1998	Perryman, George	-	-
		Cat II	Total of 3	8:44	4/14/2001	Perryman, George	-	-
FAC Dimescale	Cat I	Total of 3	3:57	2/1/1997	Barker, John	-	-	
	Cat II	Total of 3	3:04	9/22/2001	Barker, John	-	-	
FAC Phantom Flash	Cat I	Total of 3	8:29	9/13/2016	Finn, Hope	St. Luke's	-	
	Cat II	Total of 3	-	-	-	-	-	
Misc. Events	SAM Phantom Flash	Cat I	Single Flight	4:25	4/5/1997	Perryman, George	-	-
		Cat II	Single Flight	3:05	4/22/1989	Perryman, George	-	-
	Hangar Rat	Cat I	Best 2 of 6	6:12	2/10/2018	Crawford, Dohrman	St. Luke's	-
		Cat II	Best 2 of 6	7:51	5/18/2002	Perryman, George	-	-
	Chattahoochee Challenge	Cat I	Single Flight	3:19	12/11/1999	Perryman, George	-	-
		Cat II	Single Flight	5:44	10/30/1999	Perryman, George	-	-
	Butterfly	Cat I	Single Flight	1:54	12/7/2002	Perryman, George	-	-
		Cat II	Single Flight	2:13	4/22/2000	Brock, Wayne	-	-
	P-24	Cat I	Single Flight	-	-	-	-	-
		Cat II	Single Flight	2:00	9/1/2000	Bakay, Carl	-	-
	TSA	Cat I	Single Flight	2:00	3/13/2004	Ray, Nick	Chamblee	-
		Cat II	Single Flight	-	-	-	-	-
	Science Olympiad 8 g ROG	Cat I	Single Flight	4:00	4/25/2003	Goins, Chris	-	-
		Cat II	Single Flight	4:39	4/5/2003	Goins, Chris	-	-
Science Olympiad 8 g 2004 "C" Division	Cat I	Single Flight	4:30	11/22/2003	Goins, Chris	-	-	
	Cat II	Single Flight	-	-	-	-	-	
Science Olympiad 8 g 2004 "C" Division w/ribbon drop	Cat I	Single Flight	4:42	10/25/2003	Goins, Chris	-	-	
	Cat II	Single Flight	4:59	3/27/2004	Goins, Chris	-	-	

2018 TTOMA MEMBERSHIP FORM

Name _____ AMA # _____

Address _____

State and Zip Code _____ Other Family Members and AMA # _____

Telephone _____ E-mail _____

\$20.00/yr. for adults, plus \$1.00/yr. for all juniors and additional family members in same household.
Send check, payable to TTOMA, to Karl "Karats" Hube/104 Smith Forest Lane/ Alpharetta, GA 30004/ 770-886-0604.

NFFS MEMBERSHIP & RENEWAL APPLICATION

Mail to: NFFS Membership Office
P.O. Box 74
Grosse Ile, MI 48138 USA

Make checks payable in U.S. dollars to: National Free Flight Society

Dues include a mandatory \$0.50 per year for NFFS membership.

U.S. memberships (Age 19 & over) 2 years \$58.00 (\$18.00 Youth)
 1 year \$30.00 (\$10.00 Youth)

Youth: Age 18 & under as of July 1 of the current year

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 1 year \$30.00

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Non-U.S. Residents \$550.00

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 2 Years for \$29 2 Years Youth for \$9 International \$37.50
Offer expires very soon...take advantage before it's gone.

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 Silver \$75 Gold \$125 Platinum \$250 or more \$ _____

To help reduce expenses maintaining NFFS records,
PLEASE renew for at least two years. Thank you!

Check appropriate boxes below:
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Amount: \$ _____ Current expiration date: Mo.-Yr. _____

PLEASE PRINT VERY CLEARLY

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Send all renewals, address changes, applications, and membership questions to the Membership Office, email: <martinr362@aol.com>

Please go to www.freeflight.org for credit card renewals.

Take a good look at the latest NFFS membership form. You'll be seeing a lot more of it in the near future. I dare say, a nag or two might ensue in upcoming issues of the ETP. Forewarned is forearmed.