CENTRAL INDIANA AEROMODELLERS

INFORMER

FREE FLIGHT NEWS OF THE MIDWEST

** The Weather **
Mourning doves coo at night,
bring water before daylight!

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Scale Stuff - #5! - By Jim Miller

After four articles explaining the rules that govern scale flying, you should feel competent enough to build a Peanut Scale or an AMA Rubber Scale model for any upcoming AMA Nats.

When I started flying scale models, I was lucky in that Walt Mooney published a different peanut scale subject each month in Model Builder. Walt is no longer with us, and Model Builder is gone too - but I still have his plans and I'm sure plenty of other flyers have them, too. They are a super source to select a model from!

The first model I built was the *Ord Hume*. It wasn't a very pretty subject, but it had the following attributes: it was easy to build because it had a square fuselage (no cutting small strips to cover a round fuselage!); it had more wing area than a J-3 Cub; the landing gear was simple to make; it had one color scheme - yellow - with no fancy stripes, and it was a high wing monoplane that proved to be easy to trim. Walt said it flew good, and it did!

As a result, my first Peanut was a success. I can't recall if I ever won a first place with it, but I know I placed in the top 3 a number of times. Just to have a scale model fly for 45 seconds to a minute was a great accomplishment for me, and spurred me on to other subjects!

I remember a *Nesmith Cougar* kitted by Peck Polymers that was an outstanding flyer. It was rugged enough to fly outdoors. Again, a model with fairly simple outlines - and a high wing monoplane - which meant it wasn't too difficult to trim for flight. There have been a number of very fine scale size plans published which could make an initial entry into AMA Scale very easy.

I have already mentioned previously that the *Lacey* (also kitted by Peck Polymers) is an extra fine flyer, and not difficult to build. Last year

(Cont'd p.4)



Please Note Change!! The dates for the 2 Bong field meets of July 16 & 23 should be swapped! (Pelicans fly on the 23rd...) See schedule on back page.

Welcome Mat..... How about a big, chubby CIA handshake for the following new faces: **Bill Schottey**, from Muskegon, MI; **Don Brown** of Muncie, IN; **Lynn Rockwell** of Anderson, IN and **Bob Stalick** of Albany, OR. Welcome aboard!

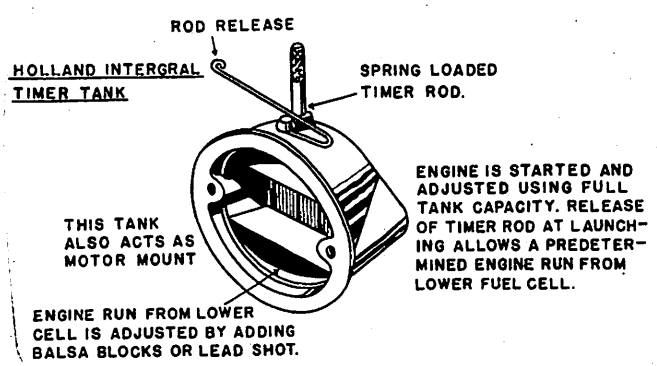
If any Agent is the area, check out our club meetings - held the 1st & 3rd Mondays of the month around 7pm at the Anderson Airport. The sho 'n tells are always worth the price of admission! The S 'n T schedule goes something like this:

Jul 3 - Steve Frazier
Jul 17 - Les Hallgarth
Aug 7 - UDSOC Results
Aug 21 - Jim Haught
Sep 4 - Dave McDonald
Sep 18 - Moe Whittemore

Misinformation..... I got an email from Hank Sperzel in which one of his flying acquaintances apparently was using/suggesting the use of water based polyacrylic varnish as a fuel-proof overcoat on power models. (I believe the misinformation appeared in a recent Max-Out n'letter.)

At any rate, Hank had a bad experience with the stuff, as it gets sticky after exposure to high nito fuels! He wants to head off anyone trying to use it! Hank does endorse Minwax's Indoor/Outdoor Helmsman Spar Urethane. It comes in a spray can, and is not odorless! Use it outdoors - or with lots of ventilation.

It's impervious to 65% nitro, but use more than one coat and let it "cure".





More About A Neat Magazine..... Last issue I mentioned the model 'zine *Aviation Modeller International*. It's a good one - an English publication. It should now be available in most hobby shops. There's quite a bit of FF stuff aboard. And that which isn't free-flite is still very useful! The rag features 1 or more full size plans per issue - as a large centerfold! Over the last 4 months or so, I've seen 2 FF model plans featured. Not bad 'minority' exposure!

Agent **Steve Frazier** went wild over Stafford Screen's recent 3-part series on hi-tech FF Power wing construction! Check it out!

Scale Builders..... The facing page is for you. A reasonable way to form canopies without a vacu-form system! (Stolen from Vol Libre.....)

..and more plane jokes (from Agent **Joe Macay**).

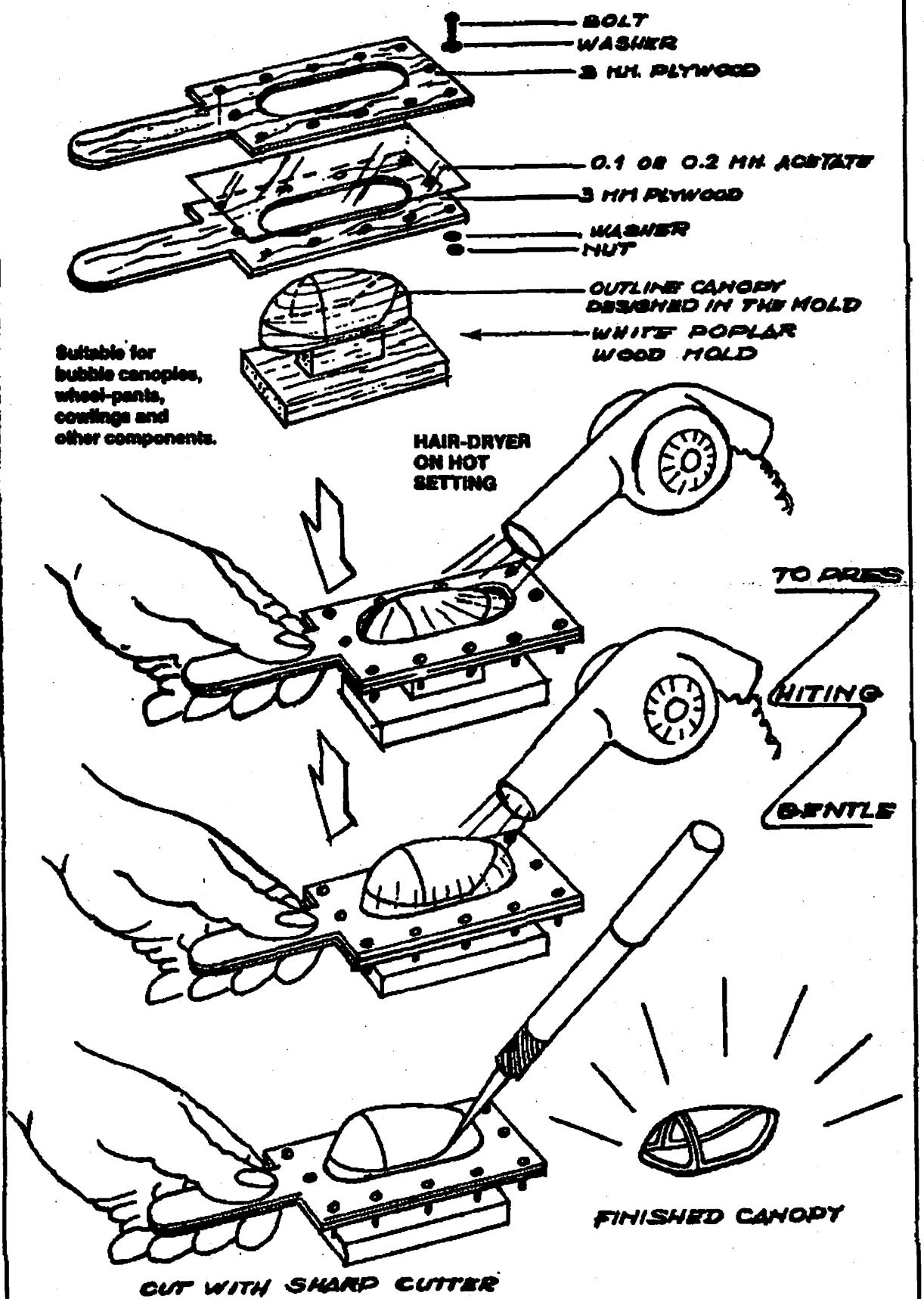
"A nice lady called. She needed to know how it was possible that her flight from Detroit left at 8:20am and got into Chicago at 8:33am. I tried to explain the time zone thing, but she just couldn't understand the concept. Finally, I told her the plane went very fast, and she bought that!"

or,

I got a call from a man who asked "is it possible to see England from Canada?" I said, "No". He said "but they look so close on the map!"

Pressure Producing Peanut & Pistachio Parts

By Ulises Alvarez (Uruguy)



Scale Stuff - cont'd....
at the AMA Nats there were four entered! I always have one on hand to fly in both the AMA Nats and the FAC Nats. It is very dependable.

The *Lacey* has also been increased in size to be competitive in AMA Scale. Ron Williams published a book, "Building and Flying Indoor Model Airplanes". He has plans for a 16" *Lacey* built particularly to fly indoors. It consistently flies the required 90 seconds. I fly mine outdoors, and have had enough thermal flights that I now have a DT on it!

The *Fike* (kitted by Micro-X) has the same characteristics as the *Lacey*. I have built almost as many *Fikes* as I have *Laceys*. About the only difference between the two models is that one is white, trimmed in red - and the other is all yellow.

Knowing that models other than high-wing monoplanes carry bonus points, you might want to consider a biplane.

I have been successful with a *DH-6*. My *DH-6's* are built from Walt Mooney's plans, and the model flies very well. At the last FAC Nats, mine thermalled for a max of two minutes, but was in the air for 3:15.

Biplanes are a bit harder to trim, but once you find what you want there's something special seeing a WWI airplane chugging around in the air!

The *Fokker D VII* is a favorite of the FAC flyers for the WWI event. The Fokker has a lot going for it. One of the major points in its favor is that there no rigging wires between the main wings! This tedious task can discourage even a strong man from building a bipe. There are a number of struts holding the wing to the fuselage, but patience - and a pair of tweezers - will conquer that difficulty!

One hint I will pass on - concerning biplane wing incidence.....

What works for me is incidence in the lower wing and only 2 to 3 degrees at the most, in the upper wing. You will probably need a bit more downthrust than a monoplane, also.

One last suggestion for a good flying biplane is the *Lemberger LD-20b*. This airplane is a German homebuilt. It has three favorable characteristics for me. There are no struts or flying wires on the wings. This feature cuts drag and makes building much easier. The next feature is particularly attractive to me - the model is all red! The last good point is that the model flies! Three years ago at the AMA Nats, I lost this model on its 1st official flight! Since the flying score is determined by the two best flights averaged, I was not a winner that day. But the model sure was!

Documentation for this model is tough! Lucky for me, I found a source that provided two color photos. Since the 3-views are so poor, the color photos provide the scale judge with a good view of the airplane to help in judging. I can provide Xerox color copies of the photos for $2.00. Just send me a SASE.....

The plans I built from appeared in the Feb. '78 issue of Model Builder. Dick Baxter had a hand in drawing up the plans, but Walt Mooney put the finishing touches on it.

There are many models that can be built with comparative ease and have good flight characteristics. I have only mentioned a few that I have had success with. If you build from scratch, the sky's the limit! But there are some very good kits that allow anyone to build a competitor. Have a go at it!

You may contact me at 107 Loreli Drive, Fayetteville, OH 45118.



AMA Rules Proposals Exchanges:

Here are 3 recent opinions concerning the current AMA rules cycle. The first is by **Rudy Kluiber**, the second, by **Joe Mekina** and the last, a reply by **Charles Markos**.

"I am writing to raise a few points about the current AMA rules cycle. There are a number of proposals concerning AMA Power, as well as others, that could have a bearing on our CAT III flying. **1)** The current proposals were listed in the March 2000 issue of MA in abridged format. I would suggest that flyers contact AMA for the complete printout of each proposal, as many of them contain substantially more narrative than what was printed in the magazine. **2)** I anticipate voting in favor of most of these proposals on the initial ballot - to keep them 'alive' to allow for discussion and possible trial runs at contests this summer. This does not mean that I will vote for any or all on the final ballot. **3)** I encourage everyone to contact me and other FF contest board members with their thoughts, concerns and suggestions." - Rudy

"Free Flight Suicide - AMA Gas style:
I am deeply concerned that the proposal for progressive, extended flyoffs in the AMA gas classes (FF 02-3) has made it past the preliminary voting among the contest board members by a vote of 9-2. Only Districts V and VI cast no votes. I applaud the board members of these districts for their wisdom in voting 'no' on this ridiculous proposal.

I do not understand either the logic of the proposal or the logic of the contest board members who voted for it. If we change the rules to fly outside the boundaries of our fields we are going to lose more than our models, namely we stand a good chance of losing our flying fields. This will kill our sport forever.

We do NOT have unlimited areas in which to fly! That is why CAT I, II and III were created. This is especially true with CAT III sites, where our sites border housing developments, farms and private property not suited for model retrieval. It is especially important with a CAT III site to make every effort to keep our models ON THE FIELD.

As for the arguments that there are too many marathon flyoffs - and not having enough time to fly many events the same day: false logic - period! I like to fly my model many times, each time getting it back from a chase ON THE FIELD. I can't see driving many miles, only to fly my model 3 times, (maybe 4 or 5) then likely ending up spending a good deal of my time retrieving it from a surrounding crop or woods. What's the point? With modern radio signal retrieval systems the models can be found, but the model may be in a tree, in the middle of a crop, or in a herd of livestock. Why would we want to retrieve our models from these kinds of areas?

I see nothing wrong with having to fly many times to win an event. In fact, I enjoy stringing out a series of maxes, each time successfully retrieving my model ON THE FIELD. I would not enjoy flying any flights if the maxes took me off the field, period. I find it important in this discussion to emphasize that flying my model many times is only possible if the models say ON THE FIELD. Is this not obvious? Why are even considering a proposal that would send our models off the field on a regular basis?

Furthermore, if word got out to the surrounding landowners that we have now changed the rules to no longer keep our models ON THE FIELD, could we stand the consequences? Adopting this proposal would be a blatant disrespect for the surrounding landowners. This, I feel, would further jeopardize the fields we do have.

I urge all free flighters to voice their opinions to their respective contest board members, concerning this proposal. And I urge the contest board members who voted yes to reconsider their vote and defeat this proposal." - Joe

"Gee Whiz, Joe. I thought we were friends! So, I guess all the hyperbole is just for effect. I won't get mad at you for calling the proposal I submitted "dumb" and "ridiculous", because that's not how I think you regard me. I hope the contest board members who voted for the proposal will not feel bad because they lack the "wisdom" of those who voted against it. I do have some comments

(cont'd p. 6)

National Cup Points Summary for Nostalgia. Contests #1-14 & 16-21. (6/26/

	NFFS Nostal	1/4 A	1/2 A	A	B	C	arly 1/2	up Total
1	Sharpton, R			70	50	75		195
2	Cleveland, B	25	51	25	20			121
3	Andrews, J	25	65		10			100
4	Fulmer, K	27	49	22				98
5	Sobala, D	25	10	31	25			91
6	Wicks, G		54			16		70
7	Harlan, A			31	10	25		66
8	Kluiber, R	22	12				27	61
9	Sperzel, H			34		26		60
10	Covalt, R			27	28			55
11	Diggs, D	12	39					51
12	Bowers, G		7	27	13			47
13	Pinto, J		25	20				45
14	Kutkuhn, J	20			20			40
15	Marsh, J			22	8	6		36
16	Beecroft, B		10	25				35
17	Bell, W		35					35
18	Poti, N			17	18			35
19	Barr, B	7	25					32
20	Lane, R	17					12	29
21	Sheffer, J			26				26
22	Malin, B		25					25
23	Peterson, N		25					25
24	Pinto, J		25					25
25	Roberge, F		25					25
26	Rocha, J						25	25
27	Vanderbeek, B			25				25
28	Edelstein, R			17			7	24
29	Servaites, B				23			23
30	Smith, K						22	22
31	Jordan, E					21		21
32	Moreland, J			21				21
33	Parmenter, F		21					21
34	Bell, B		20					20
35	Epley, J		20					20
36	Kruse, L		20					20
37	Marchant, O		20					20
38	Oldenkamp, J		20					20
39	Smith, R		20					20
40	Sunberg, G		20					20
41	Wix, C					20		20
42	Dock, D		17					17
43	Harper, C						17	17
44	Fedor, M		16					16
45	Nelson, D			16				16
46	DeShields, B		15					15
47	Hjerlied, D		15					15
48	Zachman, D		15					15
49	Mattes, B			12				12
50	Vilardo, V		11					11
51	Watson, R					11		11
52	Ramsey, D		10					10
53	Schneider, G		10					10
54	Hainen, J		7					7
55	Hale, B			7				7
56	Byrd, N		6					6
57	Finn, J			5				5
58	Parsons, D		5					5
59	Butler, C		0					0



FUN TO MAKE! IN 3 MINUTES YOU'RE FLYING! You don't know how easy EASY is 'til you grab the scissors and your big JET & ROCKET MODEL PLANE BOOK and start slicing out your Lockheed Shooting Star or whatever plane you want first off your production line! Easy? Say, it takes ONLY 3 MINUTES to turn out your first jet or rocket! Sure, and in just HALF AN HOUR all 10 of your Rigby models are ready to zoom into the wide blue yonder! But, HURRY, Fellers! This may be your last chance! So don't miss out on the flying fun! Whizz that coupon in NOW!

(Rules Proposal Exchanges, cont'd. from p. 5.) regarding the points you have elaborated and will also attach the rationale that accompanied the original proposal, it may help you to understand the "logic" of both the proposal and the CB members who supported it.

Paragraph 3: Flying off the field... The first point that I want to make is that the flyoff rules are not "carved in stone", and never have been. It has always been the CD's right to limit the flyoff max so that the neighbors to the field are not harassed by modelers chasing through their crops and also so that the models are not lost. Nothing in my proposal suggests that this prerogative of the CD should be changed. The second point is that most off-the-field flights are due not to the length of the max, but to the altitude of the model at DT with the subsequent time required to come back to the ground. Because the engine-run time is severely shortened, the chances of a high-altitude flight will be considerably less.

Paragraph 4: Why should AMA gas have a special set of flyoff rules that all the rest of the FF events don't have? Every other event has progressive flyoffs, the only reason for the special case of AMA gas at the time the rule came into being, gas models generally were not able to max on the short engine runs...since we've run out of room to reduce the engine runs, it's worthwhile to use another approach to resolve the contest.

Paragraph 5: Stringing out maxes may be quite enjoyable and is the current way that most big AMA contests are settled when the weather is exceptionally good. With the new proposal, a different tactic for flying flyoffs to win a contest may be in order. I think that a tactic that emphasizes ALL the skills of the free-flighter makes a better event than a tactic based 99% on the performance of the model." - "Your friend in FF - Chuck"

SENSATIONAL NEW ROCKET LAUNCHING RAMP!...



Hot off Commander Wallis' design-board comes this new, 8½" x 5½", wonder Rocket Launching Ramp! Ready-cut in extra heavy-duty fibre for high-speed take-offs! Presto, your jets and rockets zoom off sure, steady and strong EVERY time!

DEPT. SA-1, GARDEN CITY, N. Y.

NFFS 2000 National Cup Competitions

#	Date	Contest	Sponsor	Site	CD	Address	Telephone	E-mail
1	1/15-16	SW Regional	SWRMA, Inc.	Eloy	Al Lidberg	1008 E Baseline Rd #1074, Tempe, AZ 85283	480 839-8154	aalmps@aol.com
2	2/26-27	Arizona Nostalgia Annual	Phoenix MAC	Eloy	Jim Kutkhun	1420 N Wildflower Dr, Casa Grande, AZ 85222	520 876-9309	jasber@cybertrails.com
3	3/4-5	Spring Opener	FMA	Palm Bay	Robert Schmettler	801 Small Dr, Lake Worth, FL 33461	561 585-1308	bbigblue@aol.com
4	4/8-9	San Valeers Annual	San Valeers	Taft	Terry Thorkildsen	1536 Adele Place, Thousand Oaks, CA 91360	805 495-6135	tthorkildsen@dowkey.com
5	4/8-9	Eastern US FF Champs	East USFF Conf	Ingleside, MD	Tom Kerr Co-CD	7733 Airy Hill Road, Chestertown, MD 21620	410 778-4939	ekerr@hpiug.org
		"	"	"	JoeWagner Co-CD	25804 John Hanson Rd, Chestertown, MD 21620	410 778-3933	jwagnerf1c@aol.com
6	5/6-7	NCFFC #1	Oakland Cloud Dust	Sacramento	BVanderbeekCo-CD	13300 Simon Lane, Los Altos, CA 94022	650 949-3366	bill@vander-bend.com
		"	"	"	Fred Terzian Co-CD	4858 Moorpark Ave, San Jose, CA 95129	408 725-1390	fterzian@pacbell.net
7	5/6-7	Annual FF Contest	FFAMS	Muncie	Lee Campbell Co-CD	P.O. Box 3104, Muncie, IN 47307	765 289-7753	souper30@gte.net
		"	"	"	Joe Mekina Co-CD	P.O. Box 33, Donnelsville, Oh 45319	937 882-6775	joemek@aol.com
8	5/6-7	Schlesinger Memorial	SAM 46	Palm Bay	Don Brimmer	5924 16th Lane NE, St Petersburg, FL 33703	727 525-6667	
9	5/13-14	Semi-Annual Meet	San Diego Orbiteers	Otay Mesa	John Hutchison	15690 Lyons Valley Rd, Jamul, CA 91935	619 669-0146	brokenspoke@flumtv.com
10	5/20-21	Spring Contest	Brainbusters	Petersburg, VA	Abram Van Dover	112 Tillerson Drive, Newport News,VA 23602	757 877-2830	
11	5/20-21	Heart of Dixie	MAC Huntsville	Pensacola	Tom Hepler	808 Rigel Drive SW, Decatur, AL 35603	256 350-9263	thirdplane@aol.com
12	5/21	Early Spring Meet	Minneapolis MAC	N Branch MN	Jim Ladwig	5354 Newton Ave S,Minneapolis, MN 55419	612 920-1245	jimladwig@isd.net
13	5/27	Neb Outdoor Champs	Nebraska FF	Mead, NB	Hank Sperzel	203 Chevro Lane, Bellevue, NE 68005	402 291-5334	hsperzel@aol.com
14	5/27-28	Rimert Rebel Rally	FMA	Palm Bay	Bill Staley	1311 Lamirada Ct, Winter Springs, FL 32708	407 366-8140	rocket291@cfl.rr.com
15	5/27-29	Black Sheep Champs	Black Sheep	Taft	Clarence Ames	10903 Foothill Blvd, Lakeview Terrace, CA 91342	818 899-7308	
		"	"	"	Dave Gee Asst CD	6610 Forbes Ave, Van Nuys, CA 91406	818 782-1465	stukadave@cs.com
16	6/3-4	OT-Nostalgia FF Champs	CIA	Muncie	Gilbert Robbins	1507 Patterson Street, Anderson, IN 46012	765 644-2046	
17	6/3-4	Annual FF Contest	Tri-City FF Team	Seguin	F Parmenter Co-CD	4106 Sequoia Trail E, Georgetown, TX 78628	512 863-4926	fpama431@aol.com
		"	"	"	Russ Snyder Co-CD	114 Andorra, Universal City, TX 78148	210 658-1534	
18	6/3-4	Late Spring Meet	Minneapolis MAC	N Branch, MN	Dennis Susaman	8143 14th Ave S, Minneapolis, MN 55425	612 854-0292	
19	6/10-11	Western State Champs	SE/SGMA/OCD	Sacramento	Doug Galbreath CD	3408 Topsail Pl, Davis, CA 95616	530 757-6058	F1Cdoug@aol.com
		"	"	"	D Douglas Alt CD	5303 Calderwood Ln, San Jose, CA 95118	408 266-3598	
20	6/17-18	Fiesta of 5 Flags	Pensacola FFTeam	Pensacola	Bob Junk	984 Williams Ditch Road, Cantonment, FL 32533	850 968-9619	
21	6/24-25	Annual Inter-City Meet	Balt Aerocraftsmen	Muncie	Bob Sifleet	RR 3 Box 56, Glen Rock, PA 17327	717 235-2421	rksorchid@aol.com
22	6/25	NEWG 2000	NEWG	Falmouth, MA	Stan Colson	47 Sammet Street, Everett, MA 02149	617 389-3313	
23	7/8-9	Florida State Champs	FMA	Palm Bay	Mike Jordan	3817 Muirfield Court, Palm Harbor, FL 34685	727 781-4919	jormpe@aol.com
		"	"	"	Rex Hinson Asst CD	1141 S. Waterview Dr, Inverness, FL 34450	352 344-5931	rex@hitter.net
24	7/8-9	Regional FF Champs	Texas Cld Climbers	Grandview, TX	Henry Spence Co-CD	1111 Country Club Ct, Mansfield, TX 76063	817 473-1673	
		"	"	"	JesseShephard Co-CD	3703 Hialeah Dr, Arlington, TX 76017	817 652-1241	
25	7/9	Summer Meet	Minneapolis MAC	N Branch MN	Don Monson	131 Wentworth Ave W, St Paul, MN 55118	651 457-2321	
26	7/9	Annual IMAC FF	IMAC	Bong Field	Charles Sotich	3851 W 62nd Place, Chicago, IL 60629	773 735-1353	
27	7/30-8/3	US NATS / USOC	AMA / NFFS	Muncie	Jim O' Reilley	4760 Battin Street, Wichita, KS 67220	316 744-0856	kxfreeflit@aol.com
28	8/6	Annual Outdoor FF	Bong Eagles	Bong Field	Tony Italiano	1655 Revere Drive, Brookfield, WI 53045	414 782-6256	
29	8/12-13	Dixie Nationals	FMA	Palm Bay	Jim Juhl, Jr	1312 SE 1st Avenue, Deerfield Beach, FL 33441	954 570-6215	
30	8/12-13	Rocky Mt Champs	MMM	Denver	Darold Jones	431 E Fountain Pl, Manitou Springs, CO 80829	719 685-5312	jdarold@rmi.net
31	8/12-13	Summer FF Contest	NOFFA	Muncie	WWeisenbachCo-CD	4568 W 146th St, Cleveland, OH 44135	216 671-8623	piet390@cs.com
		"	"	"	CharlesJones Co-CD	32130 CambridgeCircle, Avon Lake,OH44012	440 933-7377	
32	8/13	NEWG Contest	NEWG	Falmouth, MA	Stan Colson	47 Sammet Street, Everett, MA 02149	617 389-3313	
33	8/13	Almost Silent Contest	Minneapolis MAC	N Branch MN	Gary Oakins	291 Jay St, Birchwood, MN 55110	651 429-3150	
34	8/13	Silent Contest	Bong Eagles	Bong Field	Tony Italiano	1655 Revere Drive, Brookfield, WI 53045	414 782-6256	
35	8/18-20	Empire State FF Champs	WNYFFS	Geneseo, NY	Brooks Goodnow	181 State St, Auburn, NY 13021	315 252-9170	bgoodff@a-znet.com
36	8/19-20	Northwest FF Champs	Willamette MAC	Tangent, OR	LeeSchroederCo-CD	30099 Canyon View Dr, Lebenon, OR 97355	541 258-3366	
		"	"	"	Bruce Grell Co-CD	519 S. Fifth, Jefferson, OR 97352	541 327-1530	
37	8/26-27	MidWest States Champs	Chicago Aeronuts	Muncie	Chas Markos Co-CD	655 Carlisle Avenue, Deerfield, IL 60015	847 945-9225	
		"	"	"	BobWarmann Co-CD	245 N Oaklawn Av, Elmhurst, IL 60126	630 834-7662	
38	9/2-3	Annual FF Meet	Central Ohio FFC	Muncie	Larry Willis	336 S Sugar Street, St Louisville, OH 43071	740 745-5314	will7fam@juno.com
39	9/2-3	Tri-Club Annual	SDO/FGMC/SCAMPS	Lost Hills	Don Bartick SDO	22465 CasaDeCarol, Ramona,CA 92065	760 789-3773	
		"	"	"	Bill Booth Sr FGMC	2937 E. San Gabriel, Fresno, CA 93726	559 227-7217	
		"	"	"	A Heimrich SCAMPS	17244DarwinAv,UnH, Hesperia,CA 92345	760 948-6334	
40	9/9-10	District 5 Champs	FMA	Palm Bay	Ray Coombs	6747 Sugarbush Dr, Orlando, FL 32819	407 351-2209	
41	9/10	Fall Meet	Minneapolis MAC	N Branch, MN	Dale Mendenhall	5100 50th Ave N, Crystal, MN 55429	763 535-2976	
42	9/17	Stockton AMA Meet	Stockton Gas MA	Sacramento	Bill Davis	7304 Amherst Street, Sacramento, CA 95822	916 421-8901	hdavis@prodigy.net
43	9/16-17	Regional FF Champs	CIA	Muncie	Phil Sullivan Co-CD	4536 Southern Avenue, Anderson, IN 46013	765 640-2921	ciasilk@aol.com
		"	"	"	M Whittemore Co-CD	2348 S, 700 W, NewPalestine, IN 46163	317 861-4266	mjwhitto@ix.netcom.com
44	9/16-17	Silents Please-OT Champs	Willamette MAC	Tangent, OR	Bob Stalick	5066 NW Picadilly Circle, Albany, OR 97321	541 928-8101	freefliter@aol.com
44A	9/16-17	Tulsa Glue Dobb FF Champ	Tulsa Glue Dobbers	Perry, OK	Bob Hanford	1608 S Poplar Ave, Broken Arrow, OK 74012	918 251-7564	bhantuba@aol.com
45	9/23-24	Mid America FF Champs	Tri-County Aero C	Lawrenceville, IL	Bud Brown	RR 4 Box 51, Lawrenceville, IL 62439	618 943-2076	
45A	9/23-24	Annual Nostalgia Contest	Tri-City Flyers	Seguin	Wayne Belcher	715 Happy Haven Rd, McQueeney, TX 78123	830 560-1803	lwbelcher@acs4u.net
46	9/24	NEWG Contest	NEWG	Falmouth, MA	Stan Colson	47 Sammet Street, Everett, MA 02149	617 389-3313	
47	10/9-11	Nostalgia at SAM Champs	Pensacola FF Team	Pensacola	Bob Junk	984 Williams Ditch Road, Cantonment, FL 32533	850 968-9619	
48	10/7-8	Brainbusters Fall Annual	Brainbusters	Petersburg, VA	Ed Sullivan	19 Frederick Drive, Newport News, VA 23601	757 596-6104	
49	10/7-8	Fall Ann Recycle Trophy	Willamette MAC	Tangent, OR	Charles Gode	3016 SE Westview, Milwaukie, OR 97267	503 786-0100	freflyte@teleport.com
50	10/7-8	Octoberflug	Minneapolis MAC	N Branch MN	Gary Oakins	291 Jay St, Birchwood, MN 55110	651 429-3150	
51	10/14-15	Fall Scramble	CIA	Muncie	Richard Covalt	2716 Catalina Drive, Anderson, IN 46012	765 643-2278	rxcovalt@aol.com
52	10/14-15	Autumn Thrash	STRAT-O-BATS	Harts Lake, WA	John Kamla	526 17th Ave E #9, Seattle, WA 98112	206 325-2721	jkamla@juno.com
53	10/15	NEWG Contest	NEWG	Falmouth, MA	Stan Colson	47 Sammet Street, Everett, MA 02149	617 389-3313	
54	10/21-22	Nostalgia Annual	San Valeers	Lost Hills	Mike Thompson	2490 Morley Street, Simi Valley, CA 93065	805 522-8736	mamarty@postoffice.pacbell.net
55	10/21-22	George Jamieson Memorial	FMA	Palm Bay	John Arthur	443 NE 94th Street, Miami Shores, FL 33138	305 758-8991	
56	10/28-29	Arizona FF Champs	Phoenix MAC	Eloy	Bob Loeffler	P.O. Box 25454, Tempe, AZ 85282	480 345-1154	
56A	10/28-29	Skyscrapers Annual	Skyscrapers	Wawayanda,NY	Alan Abriss	90-24 66th Ave, Forest Hills, NY 11374	718 275-6362	aa@homegrowntv.com
57	11/4-5	AMA Gas / SAM RC	Stockton Gas MA	Sacramento	Dick Myers	890 Skylark Drive, Chico, CA 95926	530 345-5901	dickm@dcsi.net
58	11/11-12	US FF Champs	CUFFMAC	Lost Hills	Terry Kerger Co-CD	709 Domingo Drive, San Gabriel, CA 91775	818 281-9731	tkerger@aslco.com
		"	"	"	Mike Myers Co-CD	911 Kilmary Lane, Glendale, CA 91207	818 241-9154	mjmyersgln@aol.com
59	11/ ??	Skyscrapers Annual	Re-scheduled to 10/28-29; see Contest # 56A					
60	11/26	Post-Turkey Shoot	Tucson FF Club	Eloy	Jean Andrews	1007 W. Prince Rd #51,Tucson, AZ 85705	520 887-5952	
61	12/16-17	I-10 Challenge	Tucson FF Club	Eloy	Joel Schwartzman	4480 W. Sweetwater Dr, Tucson, AZ 85745	520 743-8322	verylazyj@aol.com
62	12/29-31	King Orange	FMA	Palm Bay	Robert Schmettler	801 Small Drive, Lake Worth, FL 33461	561 585-1308	bbigblue@aol.com

Re-confirm all information before travel. Last revised 6/26/00.

Report corrections to: Bob Perkins 2285 Pinebrook Rd, Columbus, OH 43220 614 451-3558 rperkin1@columbus.rr.com

2000 National Cup Points Summary for AMA Categories. Contests #1-21. (Updated 6/29/00)

	AMA Power	1/2 A	A	B	C	D	Cup Totals
1	Thompson, M	16	72	55	20	20	183
2	Clawson, J		50	66	25		141
3	Pulley, L	11	60	50	0	15	136
4	Thompson, R	26	50	26			102
5	Ryan, M	62	15	15			92
6	Bell, B		40	20	15		75
7	Snyder, R		21	25	25		71
8	Bell, W	70					70
9	Wagner, J		25		45		70
10	Mesanno, G		17	25		25	67
11	Peterson, N	27		25	0		52
12	Irwin, J	5	11	20	15		51
13	Oakins, G	0	25	25			50
14	Avila, G		26		20		46
15	Parker, F	46					46
16	Bloomquist, R	25	20				45
17	Pulmer, K	45					45
18	Stalick, B	20	25				45
19	Zachman, D	5		0	15	25	45
20	Ellington, T			20	20		40
21	Funk, W	11	27				38
22	Pailet, J	32					32
23	Fodor, M	15	16				31
24	Sparling, J	26		5			31
25	Vilardo, V	6	25				31
26	Kerr,T	20	10				30
27	Roberge, F	26					26
28	Thoren, B	26					26
29	Comfort, N	25					25
30	Constanzo, E	10	15				25
31	Galbreath, D	25					25
32	Jackson, J				25		25
33	Kerger, T				25		25
34	Pinto, J			25			25
35	Schneider, G	25					25
36	Servaites, B	25					25
37	Slovacek, J	25					25
38	DeShields, Rbt	16	7				23
39	Byrd, N	21					21
40	Jones, D		6	15			21
41	Juhl, J Sr			21			21
42	Sunberg, B	21					21
43	Adams, D	10	10				20
44	Barr, B	20					20
45	Carmen, T					20	20
46	Davis, B		20				20
47	Grove, J		20				20
48	Hinrichs, G	20					20
49	Juhl, J Jr.			20			20
50	Junk, B		20				20
51	Mace, M		20				20
52	Oona, G	20					20
53	Persons, R		20				20
54	Roverston, T	20					20
55	Simpson, R	20					20
56	Wonham, T		20				20
57	Cleveland, B	16					16
58	Epley, J	6	10		0		16
59	Smith, G	16					16
60	Arthur, J		15				15
61	Church, B	15	0				15
62	Coleman, R				15		15
63	Johannes, B	15					15
64	Kirsch, T		15				15
65	Malin, B	15					15
66	Reuter, B	15					15
67	Thorkildsen, T		12				12
68	Greer, J			11			11
69	Hall, D	11					11
70	Harden, E	11					11
71	Robinson, T	11					11
72	Oldenkamp, J	10					10
73	Herbst, P	6					6
74	Neighbors, B			6			6
75	Novak, J	5					5
76	Tisdale, O		5				5
77	Hockaday, D		0				0
78	Keller, J		0				0
79	Parsons, D	0					0
80							
81							
82							
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93							

	AMA Rubber	P-30	Moffett	Mulvihil	Cup Totals
1	Bowis, T	75		40	115
2	White, B	45		37	82
3	Macey, J		25	45	70
4	Hilliard, G	20	25	20	65
5	Konefes, E	21	20	21	62
6	Bennett, S	15	15	25	55
7	Hendrickson, C	50			50
8	Romak, B		25	25	50
9	Oona, G	21		25	46
10	Grabski, P	45			45
11	McCoy, T			45	45
12	Bartick, D			42	42
13	Blom, F	26	0	15	41
14	Huettl, J	26		15	41
15	Williams, J		15	26	41
16	Johnson, E	25		15	40
17	Jones, Dave	15		25	40
18	Mather, C	20		20	40
19	McConachie, B	20	20		40
20	Pailleron, A	40			40
21	Thoren, B		40		40
22	Polento, J		25	10	35
23	Croghan, V			31	31
24	Johnson, A	30			30
25	Lenaz, E			30	30
26	Thompson, M	29			29
27	Heeb, F	27			27
28	Redlin, C			27	27
29	Saimo, S	27			27
30	Blom, F	26			26
31	Rood, D	26			26
32	Thornton, J	26			26
33	Keller, M	26			26
34	Kamla, J	25			25
35	O'Dwyer, J	25		0	25
36	Oldenkamp, J	25			25
37	Robinson, B			25	25
38	Simon, P		25		25
39	Booth, B Jr	23			23
40	Stewart, O	12		11	23
41	Van Nest, R	23			23
42	Cummins, S	22			22
43	Kruse, L	22			22
44	Hollier, C	21			21
45	Mathison, B	21			21
46	DeShields, B	21			21
47	Borland, C			20	20
48	Donde, A			20	20
49	Gore, J			20	20
50	Watkins, J			20	20
51	Secor, R	18			18
52	Sneed, N	17			17
53	Kamferman, R	16			16
54	Myers, S	16			16
55	Pearce, F	16			16
56	Thomasch, W			16	16
57	Grannon, W	5		10	15
58	Henderson, D	15			15
59	Merrill, J	15			15
60	Pailleron, T	15			15
61	Kerger,T	12			12
62	Klintworth, P			12	12
63	Fosdet, H	11			11
64	Rozemus, L	11			11
65	Shields, R	11			11
66	Wicks, V	11			11
67	Smith, D	11			11
68	Black, L			10	10
69	Chomyn, M	10			10
70	Jahnke, R	10			10
71	Jones, Dan	10			10
72	Staley, B	10			10
73	Zarate, D	10			10
74	Patton, J			7	7
75	Sechrist, D	7			7
76	Walters, D	7			7
77	Farrell, M	6			6
78	Patrick, G	6			6
79	Pivitt, R	6			6
80	Ringlien, W	6			6
81	Dunlap, J	5			5
82	Hepler, T	5			5
83	Persons, R	5			5
84	Sebe, J	5			5
85	Williams, D	5		0	5
86	Burton, V		0		0
87	Loenger, T			0	0
88	Meggiora, A			0	0
89	O'Leary, J			0	0
90	Petersen, A			0	0
91	Sneed, E		0		0
92	Hunt, L	0			0
93	Matthews, B	0			0

	AMA Glider	OHLG	OCG	Cup Totals
1	Jones, T	50	40	90
2	Moody, B	32	48	80
3	Avera, B	35	41	76
4	Bowis, T	25	51	76
5	Cowley, M	20	55	75
6	Kimber, R	22	50	72
7	Smith, N	45	22	67
8	DeShields, B	25	41	66
9	Torzian, F	20	44	64
10	Thoren, B	15	48	63
11	Hines, L		57	57
12	Schlarb, B	28	29	57
13	Parker, F		47	47
14	Stalick, B	40	7	47
15	Wonham, M	25	22	47
16	Kear, L	27	19	46
17	Seither, A	36	10	46
18	Diers, D	20	25	45
19	Oona, G	25	16	41
20	Pailet, J	41		41
21	Cannon, S	6	27	33
22	Ramsey, D	32		32
23	Hendrickson, C	20	10	30
24	Belieff, D		27	27
25	Pender, H		26	26
26	Nippert, V		26	26
27	Grabski, P		25	25
28	Primbs, C		25	25
29	Young, R	25		25
30	Roberge, F	22		22
31	Cleveland, B		21	21
32	Johnson, T	15	6	21
33	Person, L		21	21
34	Ringlien, W		21	21
35	Avila, G		20	20
36	Barr, B	20		20
37	Bell, B		20	20
38	Betz, C	20		20
39	Baddenbohm, S		20	20
40	Kamferman, B		20	20
41	Wonham, T	20		20
42	Keller, M	20		20
43	Thompson, M		20	20
44	Barnett, B	13	6	19
45	Wathen, R	18		18
46	Campbell, L	17		17
47	Farrell, W		17	17
48	Hopkins, R		17	17
49	Sterling, D		17	17
50	Pelatowski, E		16	16
51	Simon, P		16	16
52	Christenson, A		15	15
53	Church, B	15		15
54	Coombs, R	15		15
55	Geraghty, S	15		15
56	Griffiths, B		15	15
57	Petrinec, R		15	15
58	Vilardo, V		15	15
59	Cochran, R		15	15
60	Schlarb, R		14	14
61	Borland, C		12	12
62	Kamla, J		12	12
63	McFarland, B		12	12
64	Penland, J		12	12
65	Reuter, B	12		12
66	Rosenthal, D	12		12
67	Burton, V	11		11
68	Griner, J		11	11
69	McDonnell, D		11	11
70	Safford, J		11	11
71	Van Dover, A		11	11
72	Douglas, D	10		10
73	Fodor, M		10	10
74	Huettl, J	10		10
75	Mathison, B	10		10
76	Sullivan, P		9	9
77	Watson, B		9	9
78	Mekins, J	8		8
79	Church, B		7	7
80	Pivitt, R	7		7
81	Stout, C		7	7
82	Pelatowski, L		6	6
83	Sylvia, B		6	6
84	Jones, Dave	5		5
85	Novak, J	5		5
86	Gee, D		5	5
87				
88				
89				
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91				
92				
93				

September 2-3, 2000
Central Ohio Free Flight Club
Annual Meet, AMA Field, Muncie, Indiana

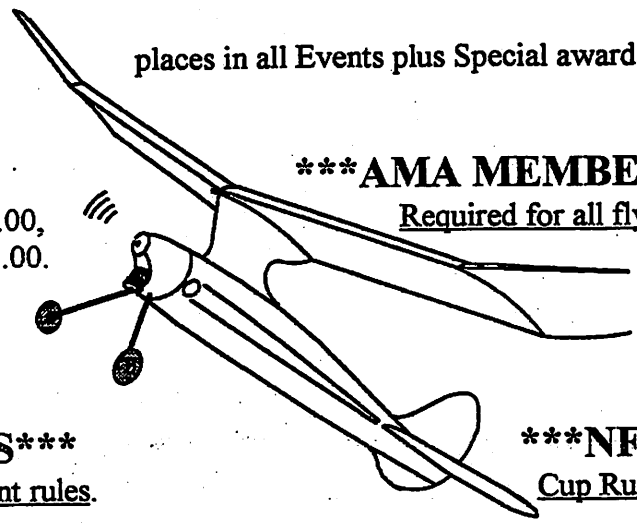
A National Cup Contest

Saturday 9:00 a.m. to 5:00 p.m. Sunday 8:00 a.m. to 4:00 p.m.

AWARDS

Merchandise Certificates in the amount of $100 and $50 respectively will be awarded to 1st and 2nd places winners of overall High Point in the Gas and Non-gas Categories. Fly all of the Events in a category and increase your chances of winning. The Certificates are redeemable courtesy of Joe Mekina at the Hobby Hangar, 6914 W National Rd, Donnellsville, OH 45319, phone 937 882-6775.

Trophies awarded to 1st thru 3rd places in all Events plus Special awards for the Junior-Senior age groups.



ENTRY FEES

Open contestants: First event $5.00, additional events $2.00; max $15.00.

Juniors and Seniors: Free entry.

AMA MEMBERSHIP

Required for all flying.

CONTEST RULES

See reverse side for detailed Event rules.

NFFS NC

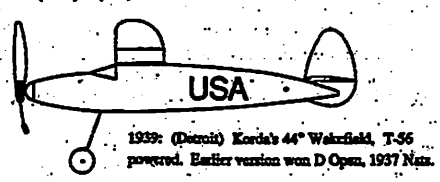
Cup Rules available.

SATURDAY EVENTS

Nostalgia A/B/C combined	(JSO)	OT A Gas Pylon/Cabin	(JSO)
OT Rubber Stick/Cabin Large	(JSO)	Pee Wee 30	(JSO)
AMA ½ A Gas	(JS) (O)	AMA Moffett	(JSO)
AMA Outdoor Catapult Glider	(JS) (O)	FAI F1G Coupe	(JSO)
FAI F1J	(JSO)		

SUNDAY EVENTS

Nostalgia ½ A	(JSO)	Nostalgia ¼ A/.020 Rep	(JSO)
OT B/C Gas Pylon/Cabin	(JSO)	OT Rubber Stick/Cabin Small	(JSO)
AMA A/B Gas	(JSO)	AMA C/D Gas	(JSO)
AMA Mulvihill	(JSO)	AMA P-30	(JS) (O)
AMA Outdoor H L Glider	(JS) (O)		



1939: (Detroit) Korda's 44" Wakefield, T-56 powered. Earlier version won D Open, 1937 Nats.

CD: Larry Willis **will7fam@juno.com**

336 S. Sugar St., St. Louisville, Ohio 43071 740 745-5314

Rules subject to weather, safety and the CD's discretion.

COFFC CONTEST EVENT RULES, SEPTEMBER 2-3, 2000 MUNCIE, IN.

All Motor Runs in Seconds* and Flight Maxes in Minutes**

Gas Power	First Three Official Flights			Fly-off Flights-No Schedule						
	1	2	3	4	5	6	7	8	9	10
AMA Gas	*7-2**	7-2	7-2	5-2	5-2	4-2.5	4-2.5	4-2.5	4-2.5	etc
Nostalgia Gas	9-2	9-2	9-2	6-2	6-2	6-2	6-2	6-2	6-2	etc
1/4A Nos/.020 Rep	9-2	9-2	9-2	6-2	6-2	6-2	6-2	6-2	6-2	etc
Old Timer Gas	16-2	16-2	16-2	12-2	12-2	9-2	9-2	9-2	9-2	etc
Pee Wee 30	Motor runs 15 seconds or less for maximum points. All flights hand launched.									
	Scores = flight time in seconds x 100 / motor run in seconds.									

FAI Power	Five One-hour Rounds					Fly-off Flights-15 Minute Windows				
	1	2	3	4	5	6	7	8	9	10
F1J	*7-2**	7-2	7-2	7-2	7-2	7-3	7-4	7-5	7-6	7-7
	9-10:00	10-11:00	11-12:00	12-1:00	1:00-2:00	3:00-3:15	3:45-4:00	4:30-4:45	5:15-5:30	6:00-6:15
	One timer for first 5 rounds; two timers for fly-off flights. Must use binoculars all flights.									

Rubber	First Three Official Flights			Fly-off Flights-No Schedule						
	1	2	3	4	5	6	7	8	9	10
Mulvihill	2**	3	4	5	6	7	8	9	10	11
Moffett	2**	3	4	5	6	7	8	9	10	11
QT Rubber Lg/Sm	2**	3	4	5	6	7	8	9	10	11
P-30	2**	2	2	2.5	3	3.5	4	4.5	5	5.5
	Moffett and P-30 aircraft will be processed and P-30 motors weighed.									

Glider	Six Flights						Fly-off Flights-No Schedule			
	1	2	3	4	5	6	7	8	9	10
OHLG	Score 3 longest of 6 flights; 2-minute maxes.						Continue 2 min maxes until missed.			
OCG	Score 3 longest of 6 flights; 2-minute maxes.						Continue 2-min maxes until missed.			

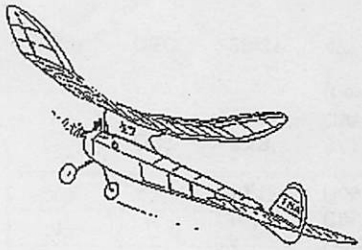
FAI Rubber	First Five Flights-No Rounds					Fly-off Flights-No Schedule				
	1	2	3	4	5	6	7	8	9	10
F1G Coupe	2**	2	2	2	2	3	4	5	6	7
	Aircraft will be processed and motors weighed.									
	One timer for first 5 flights; two timers for fly-off flights. Must use binoculars all flights.									

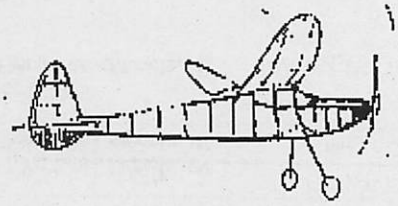
High Points for Merchandise Certificates Awards

In each Event, High Points are acquired for each of the first three official flights (longest 3 flights in glider) at the rate of one point per second of flight up to a maximum of 120 points per flight and 360 points per Event. In Pee Wee 30, an Event flight score of 800 points = 120 High Points; a 600 flight score = 90 High Points; and etc. The highest and and second highest collective High Point scores in the Non-gas and Gas Events win the Merchandise Awards.

CD: Larry Willis 336 S. Sugar Steet, St. Louisville, OH 43071 740 745-5314 will7fam@juno.com

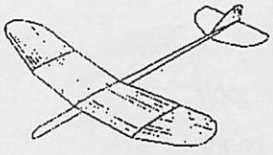
Rules, Rounds and Fly-off Schedules Subject to Change at the CD's Discretion

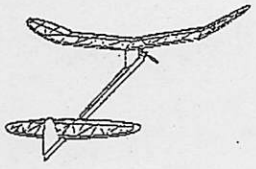




Northern Ohio Free Flight Association

Summer Free Flight Contest





AMA National Flying Site
Muncie, Indiana

August 12-13, 2000

9:00am to 4:00pm Saturday and 8:00am to 4:00pm Sunday local time

This is a National Cup Competition ☆

Saturday's Events	Sunday's Events
ABC Gas Combined PeeWee 30 Hand-Held Catapult Glider ☆ ABC Old Timer - Fuselage 1/2 A Nostalgia Gas☆ Old Time Rubber - Cabin & Stick Combined P-30/Coupe Combined	1/2 A Gas☆ Classic Open Towline Glider ① (non circle-tow) .020 Old Timer/Nostalgia Combined ABC Old Timer - Pylon Hand Launch Glider ☆ ABC Nostalgia Gas Nostalgia "Zeek" Gas event ② (NFFS rules)
Junior Hand-Held Catapult Glider* Junior-Senior 1/2A Gas Power*	Junior Hand Launch Glider* Junior Rubber*
Starting at 5:00pm 3 Person Catapult Glider Team Challenge	
Starting at 5:00pm .020 Payload 1/2 A Nostalgia Payload .010 Open Gas Power	

High Point Trophy
To be awarded Sunday!
The more you fly
the better your chances!

Entrance Fees: $15.00 Flat Fee covers all events. All Juniors events are FREE! *

** A $.25 AMA fee is required for all non-AMA member Junior participants.*

Contest Directors:

Charlie Jones
32130 Cambridge Circle
Avon Lake, Ohio 44012
(440)-933-7377

Warren Weisenbach
4568 W. 146 St.
Cleveland, Ohio 44135
(216)-671-8623

Send a SASE to one of the contest directors for a copy of the rules.

① **Classic Open Towline Glider (non circle-tow event)** – Any towline glider model is eligible. No circle towing allowed. No VIT functions allowed. No wing wiggler functions allowed. Auto rudder is allowed. No weight or size limits. Standard FAI towline length of 164ft. (50meters) maximum. Six attempt (flights that are 20seconds and under) to make three official flights.

② **1/2A Nos. "Zeek" Gas event (NFFS)** – This event is a single design event for the "Zeek" model. All NFFS Early 1/2A Nostalgia rules apply to this event.

AMA National Flying site rules apply. Check in at the CD's tent for contest rules.

2000 C.I.A. AREA FREEFLIGHT CONTEST CALENDAR

JUN	9-11	AMA GRAND EVENT	AMA Flying Site - Muncie, IN
	17,18	MAM OT FF Meet/RC Assist, Slag & Nos.	STURGIS, MI
	25	Aeronuts Fun Fly	Bong, WI
	24,25	Inter-City FAI/NOS/AMA	AMA Flying Site - Muncie, IN
JUL	9	IMAC Annual	Bong, WI
	16	Pelican Old Timer	Bong, WI
	23	Aeronuts Old Timer	Bong, WI
JUL 30 - AUG 3		AMA/NFFS FREE FLIGHT NATIONALS	AMA Flying Site - Muncie, IN
AUG	6	Bong Eagles Annual FF Meet	Bong, WI
	12,13	NOFFA FF Contest	AMA Flying Site - Muncie, IN
	13	J. Noonan Memorial - Silent FF	Bong, WI
	18-20	Annual Dog Show	AMA Flying Site - Muncie, IN
	18-20	Empire States FF Champs	Geneseo, NY
	26,27	Aeronuts Midwestern States Champs	AMA Flying Site - Muncie, IN
	26,27	40th Annual Chicago Aeronuts FAI Invit.	AMA Flying Site - Muncie, IN
SEP	2,3	COFFC Free Flight Meet	AMA Flying Site - Muncie, IN
	4	Labor Day	
	16,17	CIA 28th Annual AAA FF Contest	AMA Flying Site - Muncie, IN
	16,17	Hoosier Cup (America's Cup FF Comp.)	AMA Flying Site - Muncie, IN
OCT	6-13	SAM Champs	Pensacola, FL
	14,15	CIA Fall Scramble (Featuring all National Cup events)	AMA Flying Site - Muncie, IN
DEC	29-31	47th King Orange International	Palm Bay, Fl

The INFORMER

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