Established 1936
SKY-SCRAPERS BKLYN NY
AMA Club Charter 470

FLYOFF

Round 34 / Summer 1996

The **SKYSCRAPERS** Quarterly

Edited by Bob Hatschek

What's Up? XXXIV

Time-and-a-half on a part-time job!

As most of you know, I took early retirement a dozen years ago but continued to do free-lance editorial work to supplement the shoestring pension. The earnings were modest and sufficient, but the work was minimal—and I had plenty of time for building and for producing *FLYOFF*.

Then a new client came along late last year with an opportunity that was just too tempting. So here I am, doing a part-time job that feels like it's taking me 60 hours a week! The pay is dandy. But it's costing me heavily in time and energy that I might otherwise be putting into a new wing-wiggling Coupe d'Hiver and the content of this newsletter.

All of which is my problem, and shouldn't concern you a bit—except that the new operation has justified a new computer (Power Mac 7500), a better printer (still only an ink-jet printer, but considerably sharper than the old dot-matrix unit I used to pump out *FLYOFF* copy on).

Also new, and this may be useful to you, I now have a fax capability (phone me first, so I can turn it on) and an email address: **hatschek@aol.com**

Galeville Maintenance Fund, 5/17/96

	Amount	Balance
Previous Contributions		
Skyscrapers	3,856	
Friends of the Skyscrapers	13,265	
		17,121
Previous expenditures	-13,256	
		3,865
New Contributions		
Skyscrapers		
Bob Lipori (3/96)	100	
Bob Geyer (3/96)	5	
Bob Hatschek (3/96)	100	
Bill Dunwoody (Auction, 5/96)	100	
		4,170
Friends of the Sklyscrapers		
Harvey Poirier (2/96)	35	
Joe Williams (3/96)	20	
John Clapp, FAI Supply (3/96)	250	
		4,475
New Expenditures		
None as of date		
Current Balance (5/17/96)		$4,475

Sincere thanks for all donations. Funds are held in a separate account and are fully reported here. Please make checks payable to "Skyscrapers" and send it to *FLYOFF*. Thank you again!

Let 'em know who you are!

Larry Davidson, a committe of one, reports the following:

The Skyscraper decals are in and Larry will bring them to Galeville on June 29 [the EFFC meet]. The price is $2.00 per sheet, for which you get 14 decals on each sheet, ranging from 8-inches span down to 2-1/4 inches. Larry's not sure who will handle the sale of the decals.

These decals are the pressure-sensitive (self sticking) type and the following instructions should be useful:

Larry recommends that you cut around the outside perimeter of the decal and then apply a liquid dishwasher detergent (Joy etc.) on the area to which you are applying the decal. This allows you to position the decal and remove bubbles and when the detergent evaporates, the decal will be permanent.

Tips for covering with 'Polyspan'

Larry is also producing what he calls a "non professional" videotape on the use of Polyspan covering material. The tape shows Marvin Mace's "Marval" wing being covered and finished. It covers the use on rubber models using nitrate dope, gas models using butyrate dope and high-nitro powered engines in planes which use nitrate dope and fuel-proof epoxy final coat. The tape runs 40 minutes and Larry sell it for $20.00 plus $3.00 postage and packaging.

Anybody who has ever read Larry's treatise on covering with silk [see *FLYOFF 12*] will know that the "non-professional" in the above description applies to the videotaping, not the covering techniques. If modelers got paid for their covering jobs, Larry's would top the income list!

Sad news from Western New York

Bill Prensky, official scribe of the Western New York Free Flight Society (WNYFFS), reports the following sad news:

"Ken Koeppel died May 8, 1996, at the age of 87. He had a long career in free flight and RC modeling. A founding member of the Olean (NY) Model Airplane Club in 1938 and a member of WNYFFS from 1969, he also served as Assistant Vice President of District II of AMA for several years. In the mid-Forties he opened a hobby shop in his Rock City home, moved it to Olean and operated it there into the Eighties.

"Ken was certainly our oldest member and amazed us with his ability to fly formidable airplanes as late as last year. In recent years, he needed help to hold his larger models while he started the engines and his weak eyesight mandated chasers. Every couple of years, he would win a place at a contest (including a fifth in 1/2A at the Westover Nationals). He liked to play the "irascible old man", but his face told a different story when he accepted a trophy. He was a generous and very decent man. We will miss him but all of his have benefitted by being his friends."

Those of us among the Skyscrapers who knew the "irascible old man" will also miss [Continued on page 2]

60 Years of Free Flight

SKY-SCRAPERS BKLYN NY

SKYSCRAPERS 60th ANNUAL

Galeville, N.Y. ----- August 24 & 25, 1996

COME CELEBRATE OUR 60th YEAR

SPECIAL EVENTS AND PRIZES

Aram Schlosberg Contest Director
79-02 212 Street
Bayside, NY 11364
718-479-0478
103247.2672@COMPUSERVE.COM

Alan Abriss Assistant CD 718-276-6362

Saturday 10:00 - 5:00
Early 1/2A NosGas
AMA ABCD Combined
Mulvihill
Pee Wee 30
Catapult Glider

Sunday 8:00 - 4:00
AMA 1/2A
NosGas ABC Combined
Dawn Mulvihill 7:00 - 7:15 AM
P- 30 (J)(S,O)
HL Glider (J)(S,O)

AMERICA'S CUP EVENTS

F1A F1B F1C
Saturday's 90 minute rounds 1-4 start at 12:00 PM
Sundays 90 minute rounds 5-7 start at 8:00 AM

F1G (Coupe), F1H (A-1), F1J (1/2 A)
Sunday only 6 overlapping rounds 90 minutes each starting at 7:30 AM
Last round Saturday *or* first round Sunday will be an extended max round for all FAI events, weather conditions permitting, check with CD.

FEES: $10:00 Registration fee for OPEN contestants, includes 1 event. (registration is free for Juniors and Seniors.) Plus $3:00 per additional event for all age groups, to a maximum of $20.00. MAAC members may pay in Canadian Currency. *Teams:* 3 man in F1ABC, 2 man in F1GHJ prizes to the first place teams. $2.00 entry fee per team member.

SKYSCRAPERS 60th ANNUAL

SPECIAL EVENT

FREE FLIGHT PRECISION GAS

A *NON-Duration event !!* The task is to *LAND* your free flight model the closest to the take-off spot, after a 15 second minimum engine run. Unlimited attempts *BUT* landing 200' outside of the takeoff point will not be recorded.

Any internal combustion engine powered free flight model may compete. The in flight engine run must be at least 15 seconds. All flights must ROG. The aircraft must glide into it's final position, (a DT will disqualify the flight). Bonus distances as follows: using a Bi-plane will get a 10' bonus. A charisma factor (similar to Bostonian) will be awarded by the CD, depending upon the realism of the model you can get a 1' to 10' bonus prior to flying. Unlimited flights to achieve your best score.
PRIZES: Nostalgia Engine for First place, and merchandise to the other places.

Bob Langelius Event Director
32 Clinton Street
White Plains, N.Y. 10603
914-949-6083

[Continued from page 1] him deeply. My personal memory of Ken that particularly epitomized his character was an event that occurred a couple of years ago:

The Friday night before a WNYFFS annual meet, Ken checked into the Starlight Motel in Seneca Falls and joined me and Jack Nix for dinner. During the conversation, Ken mentioned that he'd had a lens implant on Tuesday to correct for his cataract, and he expected that timing and retrieving would now be easier. Ken, of course, had driven to Seneca Falls alone—and his motorcycle was strapped onto his station wagon. Now motorcycle retrieving over rough terrain is no way to treat an eyeball recuperating from implant surgery, and I strongly questioned the idea.

Ken's instantaneous response—and remember that he was 83 or 84 years old at the time—was: "The doctor didn't say not to ride a motorcycle!"

There's been some changes made

Typically, it takes several passes through several systems to nail down the year's free-flight contest schedule covering a full half-dozen AMA districts (count 'em: I, II, III, IV, VI, and VII), plus eastern Canada and a few special meets scattered about in other places (like the Indoor World Champs in the Kibbie Dome, the Team Selection Finals at Lost Hills, and the King Orange at Palm Bay). In all, we correspond with more than 40 people to put together our Calendar of meets we think eastern free-flighters should be aware of.

But we still can't seem to get it right the first time! Actually, it ain't all our fault. Some people change dates to avoid conflicts (which we think is great). Some people lose access to flying sites (which we deplore). And some horror stories rival the "My dog ate my homework" tale.

The Calendar on the next page includes all the changes, corrections, modifications, and disasters that I am aware of. I hope it's correct. The following notes are especially relevant to events scheduled at Galeville.

Assuming decent weather, there seems to be no problem with the EFFC scheduled for June 29–30. There has, however, been a slight change in the schedule—with F1G (Cd'H) shifted to Sunday for better balance in the rubber events.

After preliminary juggling, SAM 7 had scheduled their Summer Rally for July 28 at Middleboro, Mass. But their field got scratched, so they shifted to FRIDAY, Aug. 2, the day before the SAM 75 wingding on Aug. 3–4.

The SAM 75 meet, incidentally, is being dedicated to Leon Shulman, who is expected to attend. Leon, of course, was one of the charter members of the Skyscrapers 60 years ago. It's probably a very small number of current members who are aware that our club took its name from a Leon Shulman free-flight design—the Brooklyn Sky Scraper.

Aug. 24–25 was the originally scheduled date of the Skyscrapers celebration of the club's 60 years of free-flight activity. We haven't changed it, as you'll note from the circulars at left. But also note the very Special Event being sponsored by Bob Langelius.

Next event scheduled for Galeville will be the Mid-Hudson Modelmasters affair on Sept. 8, with Vic Nippert CDing.

Our Canadian friends have suffered a really severe blow: they've lost the use of Camp Borden. Among meets scheduled for that excellent site (something like a mile and a half wide by four miles, clear) was the 1996 Inter Cities Meet, a floating FAI-type meet for F1A, B, C and F1G, H, and J that was run last year by Chris Matsuno at [Continued on page 6]

FLYOFF 1996 FF Contest Calendar for the Northeast, amended (v.9.2, as of May 26, 1996)

(List may not be complete. We apologize for any errors. Contact sponsor to confirm all info.)

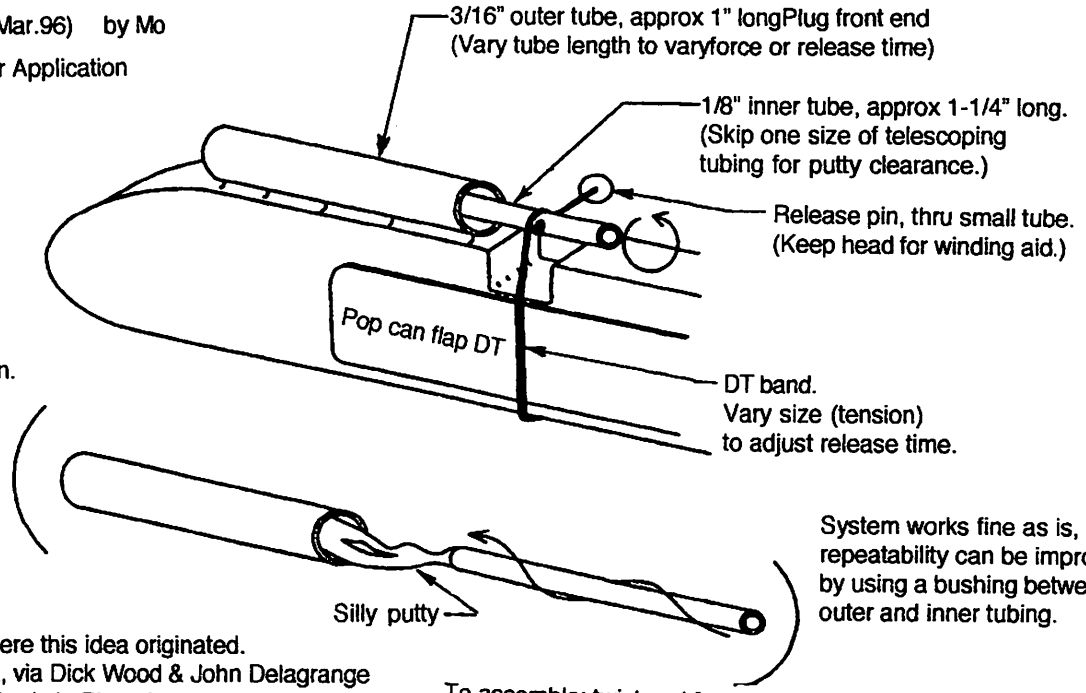
Dates	Site	Meet Name or Sponsor	Event guide	Info contact (Phone or send S.A.S.E.)
6/29-30	Galeville, NY	EFFC Championships	2,3, A,F,Fm,N,O,S,+	Dave Acton (914/628-0526), RD#3 Box 302, Lakeview Dr, Mahopac, NY 10541
7/4.....	Westover AFB, MA...	SAM 7 Summer Outing.....	O,N,A.....	Tom Lucas (860/875-5293), 19 Burke Rd, Rockville, CT 06066
7/6-7	Wright-Pat AFB	CIA OT & NosGas Meet	N,O	Harry Murphy (317/642-7377), 3824 Oakwood Blvd, Anderson, IN 46011
7/19-21	Geneseo, NY	FAC Nats Mk X	S,O, +	Lin Reichel (814/833-0314), 3301 Cindy Ln., Erie, PA 16506
7/22-26	Muncie, IN	Combo AMA FF Nats & USOC	2,3, A,F,Fm,N,O,S,+	Steve Kaluf (317/287-1256), AMA , 5151 E. Memorial Dr, Muncie, IN 47302
8/2 (Fri)	Galeville, NY	SAM 7 Summer Rally	O,N,A,S,+	Al Vollmer (203/933-4400), 14 Check Point Ln, West Haven, CT 06516
8/3-4.....	Galeville, NY.....	SAM 75.....	A,O (FF & RC),N.....	Larry Davidson (516/261-1265), 1 Salisbury Dr N, E Northport, NY 11731
8/3-4	Wright-Pat AFB, OH	NOFFA FF Meet	A,N,O,+	Marge & Warren Weisenbach (216/671-8623), 4568 W 146 St, Cleveland, OH 44135
8/1-3	Kibbie Dome, ID	Kibbie Dome Annual	In	Andy Tagliafico (503/452-0546), 10039 SW Quail
8/4	Kibbie Dome, ID	International EZB	In (EZB)	Post Rd, Portland, OR 97219
8/5-9	Kibbie Dome, ID	Indoor World Champs	In (F1D)	Andy Tagliafico (see above)
8/9-11	Fayette, NY	Empire State FF Champs	A,N,O,S,+	Brooks Goodnow (315/252-9170, 183 State St, Auburn, NY 13021
8/13-15	Gananoque, Ont	SAM 86 Great Grape Gathering	O,N,S	Noel Kirby (613/592-5744), 5 Tiffany Crescent, Kanata, Ont, K2K 1W1 Canada
8/17-18	Cuckoo, VA	Cuckoo Challenge	A,N,O,Fm,+	Bill Saunders (301/593-7196), 11613 Le Baron Terr, Silver Spring, MD 20902
8/18	Falmouth, MA	NEWG	S,Fm,A, +	Tom Accavatti (617/696-1229), 52 Parkway Crest, Milton, MA 02186
8/24-25	Galeville, NY	Skyscrapers Annual	2,3, A,Fm,N,O,+	Aram Schlosberg (718/479-0478), 79-02 212 St, Bayside, NY 11364
8/31-9/1.....	Westover AFB, MA...	SAM 7 EC OT Champs.....	O,N,A,S.....	Nick Notte (860/236-5144), 382 Bloomfield Ave, W. Hartford, CT 06117
8/31-9/1	Muncie, IN	FAC Outdoor Champs	S,O,+	Lin Reichel (see 7/19-21, above)
9/7-8	Gananoque, Ont	Eastern Canada Open	C,N,F,Fm,O,+	Jerry McGlashan (905/468-1829), RR #2, Gp 4, Niagara-on-the-Lake, Ont, Canada L0S1J0
9/8	Galeville, NY	Mid Hudson Modelmasters	A,N,S,+	Vic Nippert (914/382-1967), 6 Douglas Dr, Lake Katrine, NY 12449
9/14-15	Petersburg, VA	Brainbusters Fall Meet	A,Fm,N,+	Ed Sullivan, 19 Fredrick Dr, Newport News, VA 23601
9/15	Durham, CT	Glastonbury FAC	S,A	Ed Novak (203/238-9066), Cutlery Ave, S. Meriden, CT 06450
9/14-15	Muncie, IN	CIA Fall Regional FF Meet	A,O,N,+	Harry Murphy (see 7/6-7 above)
9/21-22	Galeville, NY	InterCity FAI meet	2, F,Fm	Jerry McGlashan (see 9/7-8 above)
9/22	Falmouth, MA	NEWG	S,Fm,A, +	Paul Nelson (508/352-2765), 4 Talltree Way, Georgetown, MA 01833
9/28-29	Cuckoo, VA	CAAMA/SAM 10 Fall Contest	A,O,N,Fm,+	Jim Coffin (see 4/27-28 above)
10/6.....	Gananoque, Ont.....	SAM 86 Fall Turkey Tourney....	O,+.....	Dave Seath (see 6/8-9 above)
10/10-13	Lost Hills, CA	Team Selection Finals	F	George Batiuk (805/546-8231), P.O.Box 14443, San Luis Obispo, CA 93406
10/11-16	Pensacola, FL	SAM Champs	O,N,+ (FF & RC)	Jack Bolton (904/939-3354), 6621 Calle de Laurel, Navarre, FL 32566
10/13	Westover AFB, MA	SAM 7 Fall Rally	O,N,A	John Stott (203/426-5190), 8 Bradley Ln, Sandy Hook, CT 06482
12/28-30	Palm Bay, FL.....	King Orange International.....	2, A,F,Fm,N,O,S,+....	Jerry Wagner, 1767 New Point Comfort Rd, Englewood, FL 34223

Notes: FF events only . Most meets similar to '95. 1 = World Cup. 2 = America's Cup. 3 = Selected contest for '97 Team. "Event Guide" indicates type of events or source of rules (Example: CdH, P-30, HH Cat would list as Fm,A). May not include all such events (check info sources). Codes are: A=AMA gas/non-gas; C=MAAC gas/non-gas; N=NosGas; O=Old-Timer gas/non=gas; S=Scale; F=FAI (F1A,B,C); Fm=FAI mini (F1G,H,J); In=Indoor; +=Special added events.

Another Twist on the Silly Putty Timer

(from The Turbulator, Mar.96) by Mo

A Hand Launch Glider Application



I'm not sure exactly where this idea originated.
I got it from Joe Mekina, via Dick Wood & John Delagrange
—who got it from somebody in Phoenix at
the SW Regionals...in the tail of a P-30, I believe.

Skyscrapers International Challenge, 1996

The 1996 Skyscrapers International Challenge was held on May 25 and 26 with club president Alan Abriss as CD. The first four rounds of F1A, B, and C were held on day 1, which was cool, crystal clear and very bright, but rather breezy. Day 2 saw the final three rounds of those events and all five rounds of F1G, H, and J, plus the German-rules HLG event. Weather on day 2 was cool, generally overcast, but with winds never exceeding an occasional 5 or 6 mph.

F1A

Chuck Markos	180	180	180	180	180	158	180	1238
David Ellis (Jr)	98	180	180	180	140	154	180	1112
Andrew Barron	—	180	162	180	180	130	109	941
Aram Schlosberg	97	70	0	72	180	130	180	729
Omer Erguner	—	—	—	—	99	180	180	549
Andrei Kirilenko	—	—	—	—	—	—	—	0

F1B

Jim Brooks*	131	180	180	129	174	180	163	1137
Joe Williams	180	180	180	180	122	106	180	1128
Fred Blom	180	180	141	147	180	118	—	946
Jerry McGlashan*	85	50	99	19	120	180	168	721
Ed Pelatowski	65	98	49	180	180	17	—	589
Ron Felix	180	180	—	—	—	—	—	360
Larry Pelatowski	147	37	62	—	—	—	—	246
Tom Ioerger	0	—	—	—	—	—	—	0

F1C

Bob Sifleet	180	109	180	166	9	179	179	1002
Andrei Kirilenko	180	0	6	—	—	—	—	186
Aram Schlosberg	—	—	—	—	—	—	—	0

F1G

Bob Hatschek	120	120	120	120	120	180	240	1020
Chuck Markos	120	120	120	120	120	180	0	780
Jim Brooks*	113	120	120	120	120			593
Vic Nippert	120	120	120	120	98			578
Doc Zabelka	120	120	96	120	120			576
Joe Williams	120	56	120	110	120			526
Jerry McGlashan*	120	55	80	119	120			494
John Clapp	97	77	120	58	113			465
Fred Blom	92	120	84	—	—			296
Art Phillips	120	74	73	—	—			267

F1H

Tom Ioerger	111	120	120	120	120			591
Vic Nippert	56	67	120	110	120			473
Ed Pelatowski	0	65	66	120	120			371
Kay Fags	57	35	101	120	34			347
Jean Pailet	46	38	0	120	0			204

F1J

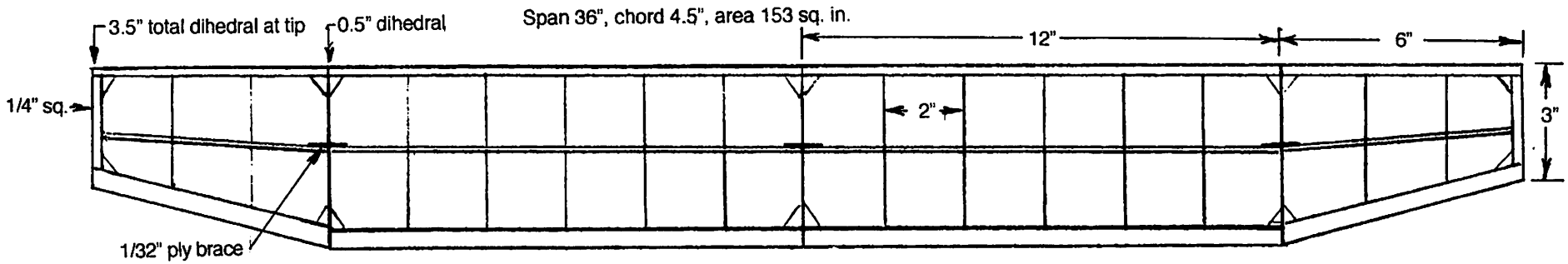
Jean Pailet	120	94	51	90	120			475
John Carbone	50	—	—	—	—			50

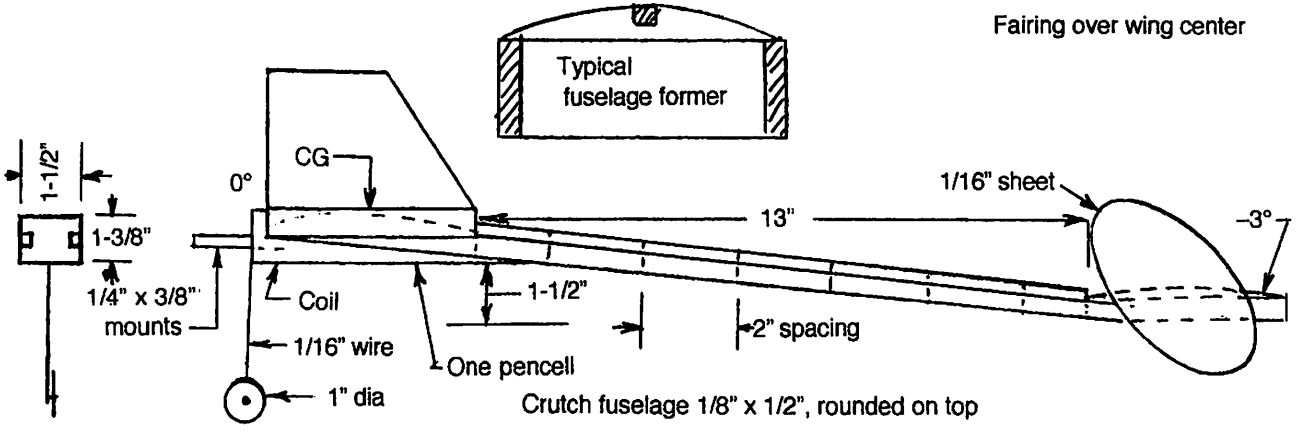
HLG (German flight rules)

Larry Pelatowski	42	55	25	6	60	60	28	60	17	60	337
Al Vollmer	49	33	21	60	60	56	44	28	60	50	335
Andras Vig	41	22	42	59	53	27	21	24	48	60	303
Ed Pelatowski	35	11	57	60	27	36	30	40	60	38	291
Jean Pailet	40	35	21	31	48	60	23	11	28	60	274
David Ellis (Jr)	20	19	36	16	21	16	22	20	17	16	138

* Denotes Canadian entry

Note: 0 in round indicates attempt with zero score,
— indicates no attempt to fly

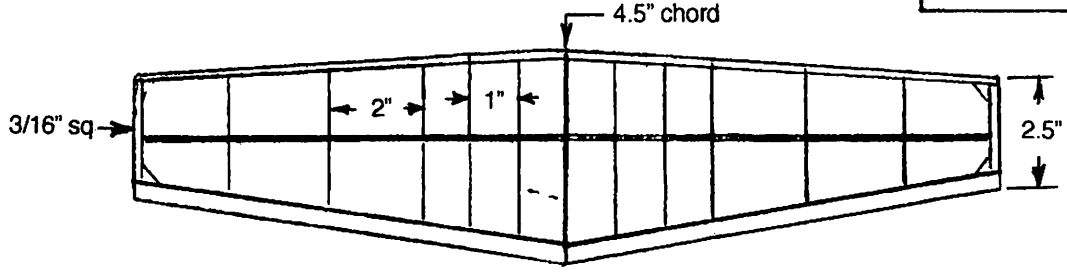


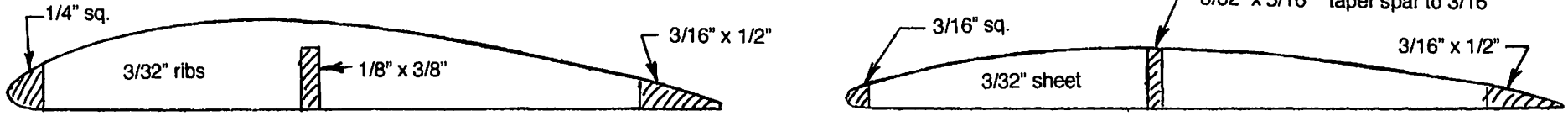


Atom Buster
1946 Atom-powered original
designed by Mal MacLean (then age 16).
Based on Armand Vasquez's Pylon Buster,
a SAM-legal high-thrust old-timer.
Climbs left, glides left.
First flown at Holmes Airport,
Jackson Heights, NY, Summer 1946
Currently in approval process for
NFFS NosGas event

Drawn for *FLYOFF 34 / Summer 1996*
by Mal MacLean
195 Mason Court
East Northport, NY 11731
516/499-7917

Note:
Drawing is 1/4 size
Enlarge 4X for glow .049
Enlarge 3X for PeeWee-30





[Continued from page 2] Muncie (in a howling, 25-mph+ gale). Responsibility for the '96 Inter City Meet fell to Jerry McGlashan and he decided to try Galeville on Sept. 21–22. It will be the first time this rotating meet has ever been held at Galeville.

MacLean's Atom Buster 'in approval hopper'

Take a look at the plan on page 5. Would you believe it's the work of a 16-year-old kid? And that kid wasn't out of the mainstream at all. The kid in question was named Mal MacLean and the year was 1946. I'm not sure what happened in the past 50 years, but we just don't see enough kids like that any more. Too bad, ain't it!

But at least the Atom Buster is expected to gain approval as a certified Nostalgia Gas Job, according to word from the Approval Ayatollah, Bob Larsh.

Mal will be making full size plans available. Since it's legal in NosGas to scale a design up or down, there will be three versions:

36-in. span for .049 glow or ignition .099 Atom, $5.00
58-in. (368 sq. in.) for .15 glow engines, $6.50
72-in. span (612 sq. in.) for .29 glow engines, $7.50

For more information on the airplane, its history, the status of its NFFS approval, or the availanbility of the plans, write to Mal MacLean at 195 Mason Court, East Northport, NY 11731, or phone him at 516/499-7917.

And Silly Putty OMT (One More Time)

I've seen the Silly Putty timer depicted on page 4 in a surprising number of different FF newsletters. But it really isn't surprising, because it's a clever twist on the basic idea. I *think* it was first published in the *CIA Informer*, ably edited by Maurice (Mo) Whittemore.

A few more twists on the idea should make it quite suitable for dethermalizing all sorts of little free-flights that can't stand more payload than a coule of grams.

Watch out for those damned ticks—again!

At the club's International Challenge at Galeville on Memorial Day weekend, several flyers noticed even more ticks than usual. Although these were believed to be primarily common wood ticks, not the more villainous deer ticks, we may be in for a heavier infestation than usual this year.

Science Times (a section of the *New York Times* regularly appearing every Tuesday) reported in its Apr. 16 issue on a complex ecological relationship among oak trees, the white-footed mouse, gypsy moths, white-tailed deer, and the deer tick. You really don't want to know about the details except that the scientists are predicting a bumper corp of acorns—which means that more mice survive the winter to breed—which means fewer gypsy moths—and healthier oaks dropping more acorns—which invites more deer into the woods—and more deer and more mice mean more deer ticks—and they mean more Lyme disease.

Since I have twice been diagnosed with Lyme disease (and twice cured), I take this very seriously. And I believe you should, too. Bob Perkins, the free-flighting doctor from Ohio, wrote an outstanding article (See *FLYOFF 25*, Spring 94) on tick repellants and removal, plus diagnosis and treatment of Lyme disease. His article in this issue of *FLYOFF* extends our knowledge of Lyme and other tick-borne diseases and is based on scientific articles published in the past two years.

Update on tick-borne infections

By Robert L. Perkins, M.D.

Refreshing your memory. Most Americans have read the headlines about the serious new emerging infections in the United States and elsewhere. This is an international phenomenon, one which each of us should give adequate attention to in order to minimize actual exposures and recognize early signs of disease. Relying only upon the medical system to rescue us after the fact from otherwise preventable infections is comparable to purposely running an engine with a broken prop and then having to look for an emergency room. I could also mention Mulvihill flyers who wind motors known to have nicked strands but some of my best friends are rubber flyers. True, the risk of a free flighter acquiring one of these infections in the field is remote, but it is definitely less for those who are well informed .

To become knowledgeable about the problem, get out your *FLYOFF* Round 25 and reread the earlier article about ticks, how to avoid, repel and remove the creatures, and what to watch for after a bite. Review what you have personally done in recent contest seasons to minimize tick contact and bites. Since the previous article, much new information has accumulated in relation to tick-borne infections of interest to globe-trotting modelers who walk and ride the fields, usually looking up, unaware of the brush and grass at their legs, caring only to retrieve their beeping flying machines. A perfect setup of nature: voluntary exposure to ticks by susceptible individuals who are totally engrossed in the most enjoyable of hobbies. So read on.

Update on Lyme disease.

If you care to know, DNA (nucleic acid) of the Lyme bacterium has recently been detected in two of 280 museum specimens of the white-footed mouse dating from 1870 to 1919, originally collected from the area of Dennis, Mass., indicating much earlier than expected introduction of the disease into the USA.

Widespread expansion of the bacterium in local host animals and tick vectors must have proceeded slowly until the outbreaks detected in man during the 1970s. Despite general knowledge today in Connecticut about Lyme disease, one recent study showed that 7% of enrolling middle and high school students had a medical history and supporting laboratory evidence of Lyme infection; in a three year follow-up period, another 3% of the students acquired Lyme disease. Message? Young people in endemic areas are still acquiring Lyme disease. Importance? Cost considerations aside, data exist in other reports to document a prevalence over the long term of more musculoskeletal problems and verbal memory impairment in those infected compared to those without a history of Lyme disease.

Other studies have shown that there are at least three types of Lyme bacteria, each with somewhat differing predilection for infecting the skin, musculoskeletal, heart or central nervous systems. This type of data has implications for makeup of possible vaccines and for specific selection and duration of antibiotic treatment. Several reports document that Lyme bacteria persist in the skin for months-to-years after inoculation, explaining why symptoms persist and relapses occur in untreated cases. Even after antibiotic treatment, nucleic acid remnants of the organism may persist in joint tissues, probably contributing to the cause of chronic arthritis.

Finally, of interest to modelers in the South central and Southeastern regions of the USA, another Lyme-disease like illness due to an entirely different bacterium and transmitted by the bite of a different vector, the Lone Star tick, has been described in numerous cases. Habitat of the latter tick extends from Texas east

to Florida and north to Rhode Island, outnumbering the Lyme disease tick 100:1 in Texas. The Lone Star tick does not transmit classic Lyme disease but unfortunately it is also a vector for Ehrlichiosis, another newly described infection.

Ehrlichiosis.

This important new problem in man occurs in two forms due to two closely related small bacteria which cause disease by living inside human cells. Each of the two forms are transmitted by the bite of either the Lyme disease tick or the Lone Star tick and cause infections of specific white blood cells. Rashes are infrequent but fever, headache and signs of nervous system involvement are common, along with low blood counts. Although the mortality rate may exceed 3–5%, responses to early treatment with a tetracycline are generally dramatic. Surveys of large population groups for laboratory evidence of Ehrlichiosis now suggest widespread infections occur in the U.S., clearly indicating that many cases are mild and go unrecognized.

Results of one important epidemiologic study of Ehrlichiosis reinforce the accepted notion about vector-borne infections, namely that outdoor recreational activities conducted in areas of high tick concentrations regularly lead to disease outbreaks in man. The report documented how an outbreak of Ehrlichiosis occurred in a new golf-oriented retirement community built in a dense forest directly adjacent to a wildlife-management area (picture many deer, white-footed mice and ticks). The incidence of Ehrlichiosis found in the retirement community golfers correlated inversely with their golfing skills and thus the likelihood of exposure to the golf course rough, ticks and tick bites. Those who left the fairway to search in the woods for wayward drives, and who also did not use an insect repellant were at significantly higher risk for Ehrlichiosis than those who simply used a new ball (high golf handicap equals high risk for tick-borne infection).

Somewhere in the act of free flight model retrieving there are corrolaries to the Ehrlichiosis-golf saga, and to the relative risks for modelers. Could it be that Mulvihill flyers and those who participate in other long flyoff competitions are exposed to greater risks because of chase requirements? Are the better prepared free flighters and the more efficient chasers at less risk than the rest? Should free flighters employ a chase team? Should RC modelers pay lower health insurance premiums?

Diagnosis and treatment problems with Lyme disease and Ehrlichiosis.

It has recently been shown that individuals actually suffering from Ehrlichiosis may test falsely positive for Lyme disease. One first-line choice of treatment for Lyme disease, a type of penicillin, is completely ineffective for Ehrlichiosis, whereas, a tetracycline covers both problems. Failure to properly consider Ehrlichiosis as a diagnostic possibility sets the stage for the above treatment error. To add further confusion, dual infections with both Ehrlichia and Lyme disease may in fact result from a single tick bite, clearly requiring use of a tetracycline.

Babesiosis.

Of additional concern for outdoor modelers in the Northeastern US, particularly Nantucket Island, Martha's Vineyard, Cape Cod, Rhode Island, New York, Connecticut, and in California, Wisconsin, Missouri, Georgia and other states, is Babesiosis, a malaria-like illness caused by a parasite of red blood cells. Transmitted to man from host field mice by the Lyme disease tick, Babesiosis may cause severe anemia, organ failure, and not infrequently death in individuals lacking a spleen. Furthermore, cotransmitted Babesiosis, Lyme disease and Ehrlichiosis from a single tick is clinically possible. Treatment for Babesiosis is also completely unlike that for Lyme disease or Ehrlichiosis. Mention that Babesiosis has been transmitted through blood transfusions completes for your awareness the currently known threats due to this parasite.

Recommended tactics for modelers.

Avoid, repel and remove ticks promptly. Fever, rash, myalgias, arthritis, sweats, chills, headache, confusion, breathing difficulties, dark urine, abdominal pain--alone or in any combination--following tick exposure or bite means: obtain appropriate medical attention as soon as possible.

Final comment.

A question for the lawyers among us: Do we need to post tick warnings on the CD desk at our sanctioned contests?

[References—A list of 18 scientific and medical articles is available from *FLYOFF*. Please send an S.A.S.E.]

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UHU—the Mylar glue

by **Aram Schlosberg,** the Skyscrapers

Mike Achterberg suggested using UHU (Yoo-Hoo) to glue on Mylar covering. It's a stick, made in Germany, resembling an oversized lipstick. It is available at K-mart in the paper and accessories section, costs less than $2 and comes with a small, useless pair of scissors. The glue itself is purple, to highlight the areas were glue was applied, but as it dries, it becomes transparent. The glue is workable for 5 to 10 minutes, is water soluble and can easily be wiped clean. After 24 hours it becomes amazingly hard and can be removed with acetone.

I used UHU to cover stabs with Mylar. The trick is to apply the glue with a Q-tip, counter rolling the Q-tip, to get a thin, uniform film of glue. Over carbon-fiber parts—trailing edge and ribs—the glue is transparent in application. Balsa parts should first be doped and sanded lightly. The Mylar is positioned and stretched using fingers, followed by a heating iron along the perimeter. If you apply glue to the ribs, let the stab sit for a few hours before applying heat with the iron to shrink the Mylar, gliding the iron above the Mylar's surface. The glue can easily be applied to stick on small patches at the field without an iron.

From discussions at Galeville I understand that others have used UHU to glue Polyspan to balsa structures, applied as a dry-layup. Removing UHU glued covering from the balsa structure might require acetone and/or sanding. I prefer to use old-fashioned nitrate dope on porous coverings.

After using the glue I discovered two letters about the UHU stick in the NFFS February *Digest.* Gerry Lafreniere has been using UHU stick successfully for three years! Evidently, the glue is also available as KIDSTICK, made in Scarborough, Canada.

A letter from the AMA Veep II

9 March 1996
Alan Abriss,
President, Brooklyn Skyscrapers

Dear Alan,

Once again I want to apologize for not being able to attend the annual Skyscraper dinner on March 2, but you are certainly aware of my plight. My condition seems to be leveling and my doctors have confidence I will at least be able to go to remission, if not beat it all together.

Meanwhile, I was extremely pleased, and quite shocked, to have Tom Waddington appear at my door to present to me, in behalf of the Skyscrapers, the very lovely engraved clock. Truly, in all my years as a modeler, as an AMA member, as an AMA officer, I have never had such a feeling of gratitude for so many of my fellow modelers. My eyes were wet.

I can only thank you from the bottom of my heart for this gesture and assure you this award will share a very bright position in my future.

Please do me one small favor if you will. Keep me in mind for the 60th annual meet, to be held I believe at Galeville, and if rumor is true I understand you might be honoring such a dignitary as Leon Shulman. Regardless, I want to attend for at least one day, and if you have a banquet during that weekend, include my wife and I. Let me know.

John C. Grigg
AMA VP2