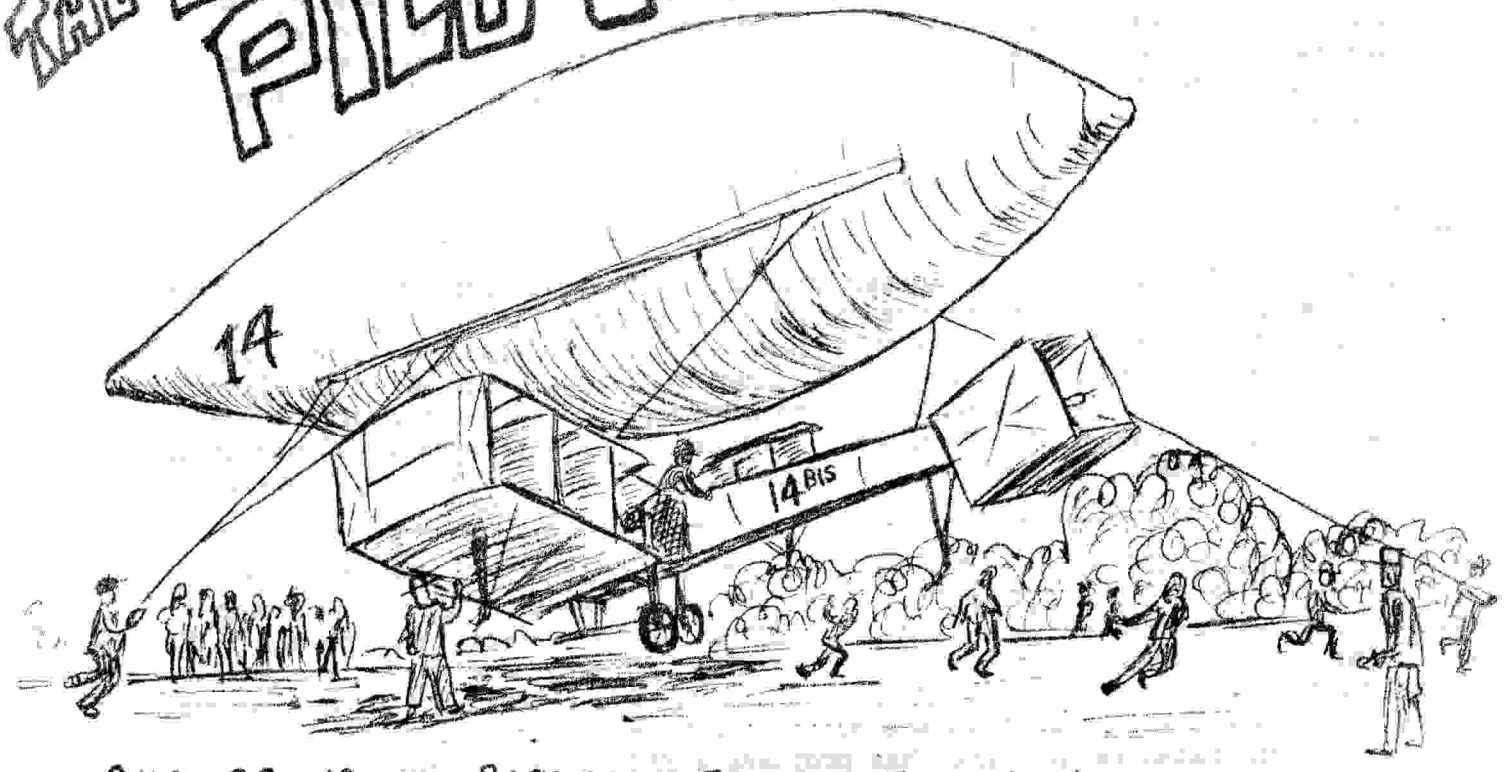
THE HANGAR PILOT

ISSUE #32
MARCH 1976



AUG 22 1906 BAGATELLE FRANCE - EUROPE'S 1ST AIRPLANE FLIGHT

NEXT MEET POSTPONED 1 WEEK: [NOT MAR 21]

MARCH 28 OPA LOCKA 9 to 5 NEXT FLY-IN JFK APRIL 11 9 TO 2

M.I.A.M.A.
3227 DARWIN ST
MIAMI FLA. 33133

HANGAR PILOT is published by the Metropolitan Dade County Park and Recreation Dept. for Miami Indoor Aircraft Model Assoc, AMA club # 986. Editor/Pres. Dr. John Martin 3227 Darwin St. Miami 33133 Fla. Secy/Treas. Jim Whelan 8830 Sunset Dr. Apt. B-305 Miami 33173. Recording Secy. and keeper of the Great Seal and other pets.Julias Sirilo.

COVER STORY: The intrepid Brazilian, Alberto Santos-Dumont holds the honor of making thefirst airplane flight in Europe. It was really a powered box-kite! He equipped a Hargrave box kite with an 8 cylinder, 50 HP Antoinette motor of the type he used in his airships, and appeared at the Bagatelle with this attached to the envelope of his Airship No. 14. (See cover) This plane he called 14 Bis (Second #14) and attempted to fly it with the aid of the airships lifting power. The best of his flights lasted 21.2 seconds, and flew 20 feet high for a distance of722 feet. This modest flight is exceeded almost every time a peanut replica of his craft takes the air. The 14 Bis has a scale dihedral of 10 degrees and is one of the most stable models I've ever seen.

MIAMA regrets to note the death of Pioneer Aviator, Aeronautical Engineer, and friend Mr. Grover Loening. Those present at our annual awards dinner in June 1974 will remember the brilliant mind of this elderly pioneer. We are fortunate to have in our archives more than an hour of tape as Mr. Loening discussed his early modelling days in Central Park, NYC, his early wind tunnel experiments, and many other experiences. He was always concerned about the future of aviation, and its progress, and was never one to dwell in the past. He was an inspiration to all of us. Farewell, Grover.

DO WEWANT A BEGINNERS CLASS FOR FAI MODELS? We indoor builders are familiar with Easy B, and with Penny plane. Easy B was designed as a beginners class, and Penny imposed a heavy weight restriction on a small model. Both classes still retain their "charm", and have their fans. In fact it is possible to say there are builders whose favorite event is one or the other. I know of one man who confessed that he dropped off to sleep at night thinking about the problems of his Penny props! Now, Erv Rodemsky, who originated Penny plane, has proposed a FAI beginner's class. This suggestion has met with approval by Bucky Servaites, and Dave Linstrum.(See Daves plans for a "Metric Penny"). It is also being considered to recognize either Easy B or Penny plane as a FAI beginners event, and much discussion ensues. Dave's plans convey ,in graphic form, the basic FAI beginners class proposal. Which of the three classes do you prefer to get beginners started, and hopefully, increase participation? Let's have some (Ugh) "indoor input" from all those mutes out there in the hangar.

JULIAS SIRILO has kindly consented to take care of the monthly awards, and keep the Florida State Records. Those who have set these records will therefore soon be getting their certificates of achievement that are long overdue. Julias is now known officially as THE KEEPER OF THE GREAT SEAL OF MIAMA AND OTHER PETS. Maybe Alan McAdam will finally get the Ernie Clark Peanut Award.

Y'ALL COME OUT TO THE MODEL BUILDING DEPT.!



DADE COUNTY YOUTH FAIR

MARCH 18-28, 1976

FAIRGROUNDS

TAMIAMI PARK

10901 CORAL WAY

226-8080

AMERICAN REVOLUTION BICENTENNIAL 1776-1976

AN OFFICIAL THIRD CENTURY PROJECT

OVERALL ANNUAL POINT STANDINGS WITH THREE CONTESTS STILL REMAINING:

OPEN CLASS:

1. Jim Stewart	59	11. Julias Sirilo	6		
2. John Martin	52	12. Bill Hiscock	4		
3. Roman Szymula	38	13. Ron Sharpton	4		
4. Alan McAdam	37	14. Ernie Clark	3		
5. Jim Whelan	23	15. Leroy Young	2		
6. Fred McCallum	19	16. Bob Myers	1		
7. John Arthur	18				
8. Rick Cordery	14				
9. Dick Kelso	8				
10. Dan Belieff	8				

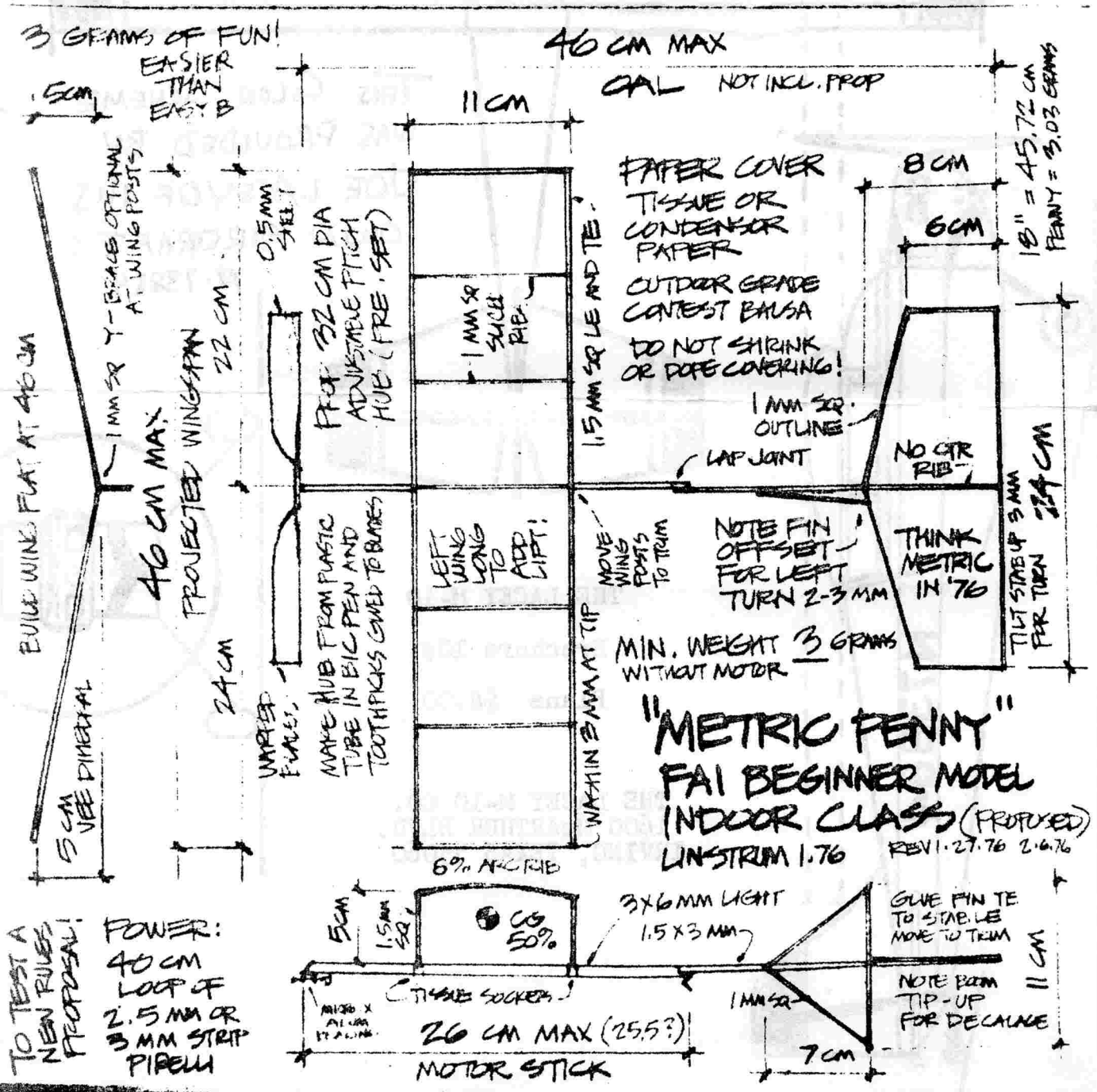
JR/SR CLASS:

1. Kevin Smith	13
1. Chas. Slater	13
3. Alan Honey	10
4. John Arthur Jr	8
5. Tom Sirilo	6
6. Kurt Gawor	5
7. Cliff McCallum	4

REMEMBER THAT TROPHIES WILL BE AWARDED FOR FIRST AND SECOND PLACE IN EACH CLASS AS WELL AS THE TROPHIES FOR OVERALL STANDING. IT IS NOT TOO LATE AS YET IN ANY CLASS.

Open Classes: Scale, Peanut Scale, EZB, Penny, Stick, Paper Stick, and Manhattan, Glider

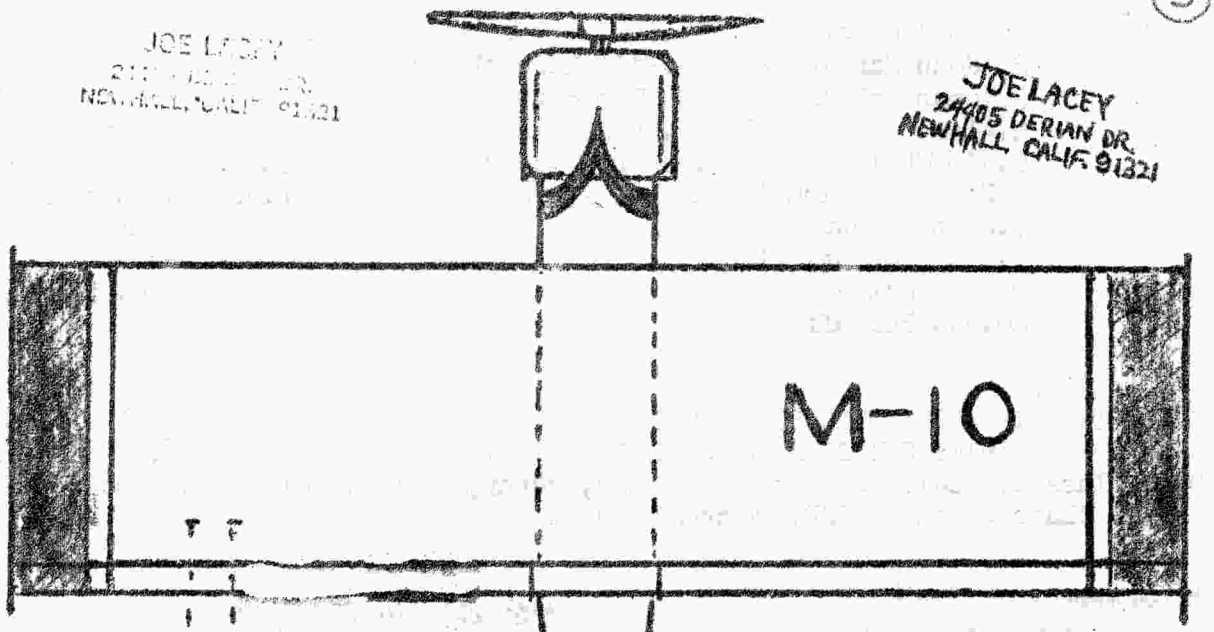
Jr/Sr Classes: Scale, EZB, Penny, Glider.



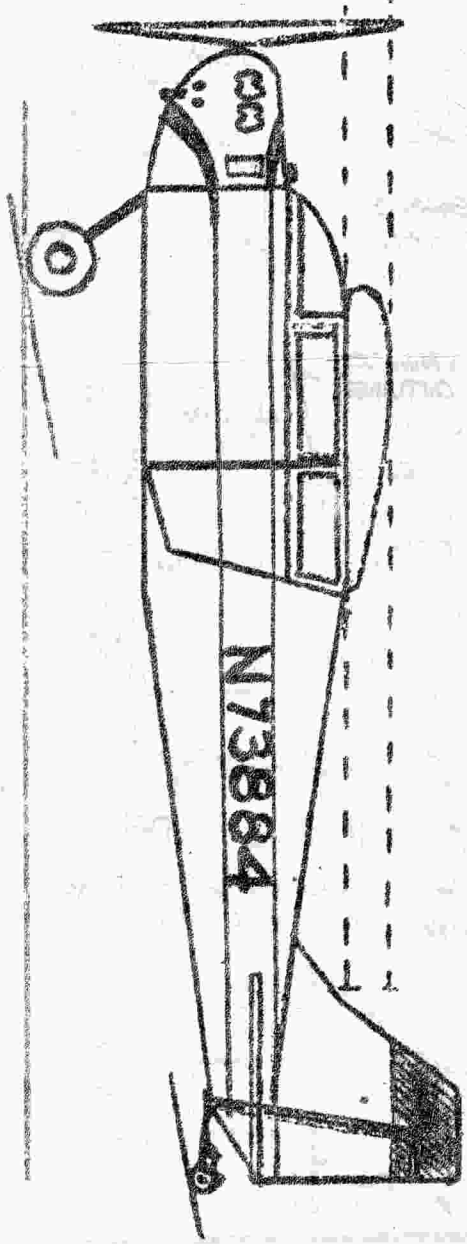
JOE LACEY
21[illegible]
NEWHALL, CALIF. 91321

JOE LACEY
24405 DERIAN DR.
NEWHALL, CALIF. 91321

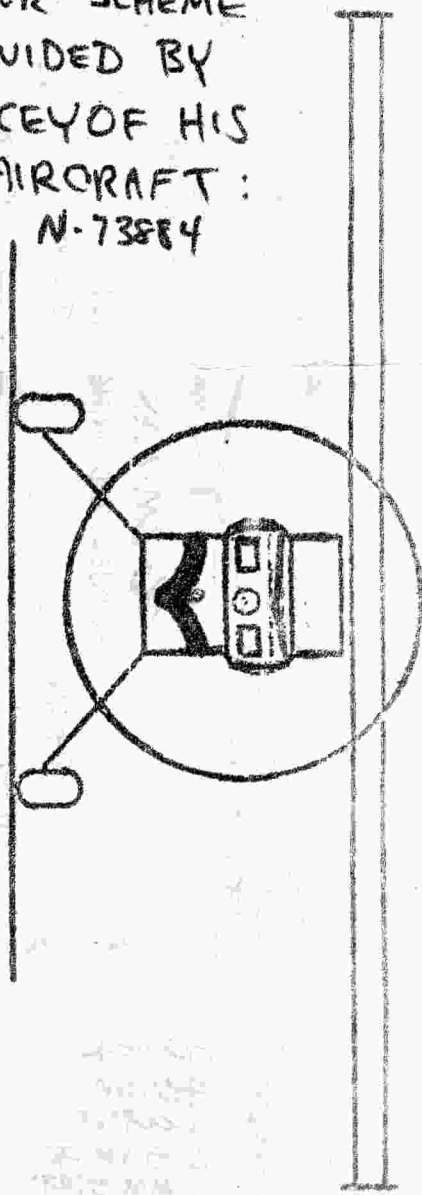
ALL SHADED AREAS - RED.
REG. NUMBERS - BLACK
REST OF A/C - WHITE



THIS COLOR SCHEME WAS PROVIDED BY JOE LACEY OF HIS OWN AIRCRAFT: N-73884







THE LACEY M-10

Brochure 10¢

Plans $8.00

THE LACEY M-10 CO.
1600 McARTHUR BLVD.
IRVING, TEXAS 75060

CONTEST NUMBER FIVE BLIMP HANGAR, OPA LOCKA FEBRUARY 22 1976 JIM WHELAN CD. (4)

Before noting the activity let me repeat the news on the cover... Contest Number 6 will NOT be March 21 as announced, but will be March 28. I would also advise you to call 858-6363 the night before the meet for any last minute details on the recording. If no changes you will receive an inspirational message.

Your reporter arrived late at meet5 and missed a lot of the activity. The Duke Donovan Manhattan was airborn late in the day, and I note that the Whelan Manhattan broke its old Fla State record for the 4th time in 4 meets. With the record now at 3:55.8, who will be the 1st 4 minute Manhattan? This is the same plane that only managed 2:09 4 months ago. The other State Record setter was Junior Tom Sirilo who shattered John Arthur, Jr's glider record with flights of 33.5 and 34.1. He even beat his dad,Julias, who finished 2nd to John Arthur in Open HLG. Rick Cordery was packing up when we got there. He scratch built a beautiful peanut trike geared Cessna but coulden't get it airborn very long. Roman Szymula pulled off something that has always eluded him...won every event he entered... 4 for 4! Scale enthusiast Dick Kelso continues to improve and each model is a little lighter than the one before. His scratch built Reliant& and P-51 are his 2 best peanuts so far. Fla. Champ Jim Stewart was back in action and is clinging to his 7 point lead over Martin in annual points. Speaking of points, check the close battle in Jr/Sr between Smith, Slater, and Honey. It's anyones first place as yet. Alan McAdam is in the thick of the class races. Even though we haven't seen Dr. Gadget Fulton Hungerford yet we got his new WHEELS catalog in the mail with his new line of larger stainless steel spoked wheels, and a note saying;"Don't give up (on me)$! Got some new models on the workbench." We are looking foreward to seeing 'em, Fulton.

PEANUT SCALE:
1. John Martin 2 points(14-Bis biplane 26.5) 1 looks, 1 flite (46.5)(41.0)
2.Al McAdam 4 points(Cougar 24.5) 2 looks, 2 flight (42.0)(41.0)
3.Rick Cordery 6 points (Cougar 24.0) 3 looks, 3 flight (32.6)(28.0)
4.Jim Stewart 8 points (Reliant 22.0) 4 looks, 4 flight (24.2)(24.6)
5.Dick Kelso 10 points (Reliant 19.0) 5 looks, 5 flight ((15.0)(13.4)
6.Ken Wolfinger DNS

SCALE, OPEN:

1.John Martin(Stahlwerke)	83 looks, 52.8 flight	135.8	
2. McAdam (Cougar)	65 looks, 40 flight	105	32 entries
3.Jim Stewart (Cessna)	68 looks. 34.8 flight	102.8	
4. Rick Cordery (Cessna)	78.8 looks,13 flight	91.8	

5. Ken Wolfinger DNS

SCALE: JR SR 1. Kevin Smith (Pilatus Porter) 12 sec.

Easy B, Open

1. Roman Szymula	8:34.6
2. Jim Stewart	7:45.5
3. John Martin	6:58.0
4.Al McAdam	5:59.4
5.Jim Whelan	4:26.5

PENNY PLANE, OPEN:

1.Roman Szymula	7:41.4
2.Jim Stewart	6:34.1

PENNY, JR SR:

1. Kevin Smith	4:01
2. Kurt Gawor	1:43.5

STICK,OPEN:
1. Roman Szymula 5:20.3

PAPER STICK,OPEN:

1. Roman Szymula	11:30.1
2.Jim Stewart	6:59
3. John Martin	3:18.0

MANHATTAN:
1. Jim Whelan 3:55.8

GLIDER, OPEN:

1. John Arthur	(41.2)(42.5)
2. Julias Sirilo	(27.0)(28.1)
3.Jim Stewart	(26.2)(26.2)
4.Jim Whelan	(22.5)(24.0)

GLIDER, JR SR:

1. Tom Sirilo	(33.5)(34.1)
2. Kevin Smith	(16.5)(10.0)

FLYING SCHEDULE, 1976 NATIONALS

	Sunday August 1	Monday August 2	Tuesday August 3	Wednesday August 4	Thursday August 5	Friday August 6	Saturday August 7	Sunday August 8
Free Flight. Outdoor events 7 am-4:30 pm at Springfield unless noted otherwise. Indoor events at Columbus. **FF**	Indoor HL Glider[1] Pennyplane[2] Easy B[2] AMA Scale[2] Peanut 2	Indoor 8 am--9 pm AMA Stick Cabin Paper Stick FAI Stick	A-2 Towline[3] B Gas Payload[4]	A-2 Towline Flyoffs Unlimited Rubber Cargo[4]	FAI Power[3] A-1 Towline HL Glider Rubber Scale[4] PEANUT 4 ?	FAI Power Flyoffs Wakefield[3] 1/2A Gas Coupe d'H. Gas Scale[4]	Wakefie.. Flyoffs C Gas Rocket Helicopter Cl.III[4]	
Control Line. 8 am-12:30 pm and 1:30-6:00 pm, unless noted otherwise, at Wright Field. **CL**		Slow Rat Race FAI Combat Profile Carrier	Carrier I Carrier II 1/2A Profile Proto 1/2A Proto Op. Scale Race Jr. Combat[5] Jr. Stunt[6] Sr. Combat[6]	Sr. Stunt 1/2A Speed Op. Rat Race Jr.-Sr. Slow Combat[5] Op. Slow Combat[6]	Op. Stunt Qual. C Speed D Speed Jet Speed Form. 40 Op. Slow Combat Jr.-Sr. Rat Race[5] AMA Scale[6] Sport Scale[6] FAI Team Race[6]	Op. Stunt Finals B Proto Speed B Speed Op. Combat Jr.-Sr. Scale Race[5] Mouse Race Cl. II[6]	A Speed FAI Speed Op. Combat J. Walker Flyoff[5]	
Radio Control. Powered events at Wright Field. Soaring events at Springfield. **RC**	7:30 am-1:30 pm 2-8 pm		Q.M. Pylon Pattern Qualifying	Q.M. Pylon Pattern Qualifying	Q.M. Pylon Pattern Qualifying	F. I Pylon Pattern Finals	7 am-12:30 pm F. I Pylon 1-4:30 pm Pat. Finals 4-8 pm AMA & Sport Scale	8 am-2pm AMA & Sport Scale 2 pm Air Show
	Soaring 8 am-noon & 12:30-4:30 pm				Standard Mod. Stand. Unlimited	Standard Mod. Stand. Unlimited	Standard Mod. Stand. Unlimited	

Notes: [1]8 am-2pm; [2]2 pm-9 pm: [3]6 am-4:30 pm; [4]5-9 pm at Wright Field; [5]8 am-12:30 pm; [6]1:30-6:00pm

BUILD NOW FOR DAN KILGORE'S BIZARRE AND AMAZING FIRST EVER MULTI-ENGWED PEANUT EVENT [SAFEMEPE]! (6)

Yep, at the last contest..May 23rd..Dan has provided trophies and prizes for the first, and no doubt last contest for multi engined peanut planes. No phoney engines, please, for all those who are going to build a tri-motor with one big prop and two tooth picks. All motors are to provide thrust. Tandems are OK (Push-pull), and are harder to trim than you think, smart guy. MIAMA rules. Group picture to be published in the slicks.

YOU CAN TELL WHO THE DIE HARDS ARE AT THE FLY-INS. How dedicated can you get, or is it just plane FUN? All the crazy little ships show up. Tiny Foulk had built a Clarence Mather tiny A-6 formula plane, and Al Mc Adam had built one of them little bugs too. Martin was over in the corner still trying to get his twin engined Boing 'Death Angel' to fly. Suddenly it decided to fly for over 20 seconds, and Dan Kilgore got a picture of it in flight to prove that a twin peanut can fly and thus justify his contest. One of the problems beginning to surface is: YOU DO NOT KNOW WHERE THE HELL IT IS GOING. During the 20 seconds,it flew left for three circuits, then straight for 100 feet,then 1 and 1/2 right circuits, followed by more descending circles to the left!!! Another nutty aircraft is Dan's own Manhattan cabin, the "Pregnant Dragon Fly" that has to be seen to be believed. It has swept back wings, stab, and rudder, and looks like something out of an old Buck Rogers comic strip, and flownby Killer Kane or Black Barney. It FLEW. More madness ..Kevin Smith was having too much success with his Penny Plane (It flew too well). So he decided to encumber it with a landing gear for ROG take offs. It still flew too well so he added a bomb dropping device. Despite all this added weight it still staggered into the air and successfully dropped its bomb (Dangerously near Roman's model box). Kevin claimed a first, but he bombs at most contests anyhow. Alan Honey has been doing a lot of heavy observing lately, and Charles Slater is the Seldom Seen Kid.

EPISODE THE SECOND IN THE CONTINUING STORY OF MIAMA: Last month, hangar pilots, we left old Doc skulking around the drafty Dinner Key Auditorium in 1970, looking for a better place to fly his Fairchild Cabin Monoplane. In that year the Youth Fair was still at its old location on Kendall Drive & 97 Ave..K-Land, and the fair director was, and still is Darwin Fuchs. Since I had been Superintendant of the Model Building Dept. at the fair, I asked Darwin about an indoor site, and he introduced me to Colonel Bill Bell, US Army, who was in charge of the 7th Ave. Armory. Oh,happy day, the Col. gave permission to use it, especially if Frank Gebhart (One of his model building officers who we never see any more) was present. In September of 1971 I put a poster in Orange Blossom Hobbies announcing our first fly-in. Nine pilots responded and on Halloween Sunday Oct 31, 1971 a group later known as the ARMORY NINE flew indoor in Miami for the first time. I have heard unconfirmed reports that indoor was flown at this site in the 1930's, but no hard facts. If any readers know about indoor contests then, give us the news. Tom Cooney, Dave Union, Jim Rice, Lynn Fletcher,Frank Gebhart, Jim Stewart, Jerry Wagner, John Arthur, John Martin, and Ric Choate. As you can see a lot of the names of the original group have become quite familiar to hangar pilot readers, while others have drifted off into the land of unfinished kits where the munchkins live. Our first official records were set that Halloween, and the goblins will get You if you don't watch out. Next month we will continue this gripping Saga.

NEXT CONTEST MARCH 28
OPA LOCKA

NEXT FLY-IN
APRIL 11
JFK GYM

Charlie Stark
360 3

.6 70
2160 216
286

SC-76-11

(7)

AND OUTDOOR
INDOOR PEANUT SCALE SCORING SHEET

(1) Projected Performance
(A) ACTUAL NATS

Name _____

AMA No. 27837

Airplane EVANS VOLKS PLANE
STAND OFF SCALE

.2	+.2 Basic score
	+.5 All sheet flying surfaces
.5	+.5 All tissue covering on built-up surfaces → CONDENSER IS NOT TISSUE
.2	+.2 Double covering on built-up flying surfaces
	+.2 Single covering if prototype was single covered
.1	+.1 No sheet flying surfaces
.2	+.2 Low-wing or tri-plane
	+.1 Mid-wing or bi-plane
1.2	← TOTAL HANDICAP SCORE

HAND-LAUNCHED
5 SEC IS "OFFICIAL"

Flight times in seconds

1	75	93
2	72	86
3	78	89
TOTAL		268
	x 225	2
FLIGHT SCORE →	270	53.6 321.6

225
1.2
450
225
270.0

(STRUTS, COWLS, CYLINDERS, PITOT, RIGGING, ARMS, WINDSHIELD, STEPS, CONTROL OUTLINES, ETC)

Scale Points: 0-15 (Stark) 16-35 (Lax)
36-50 (Good) 51-60 (Superb)

Color and Markings: 0-5 (Poor) 6-15 (Good)
16-20 (Superb)

Workmanship: 0-5 (Poor) 6-15 (Good) 16-20 (Superb)
(QUALITY OF CONSTRUCTION & COVERING JOB)

(REASONABLE EFFORT TO SIMULATE REALISTIC COLOR CIVIL REG OR MILITARY MARKINGS, INSIGNIA ETC)

25	
10	
12	
TOTAL SCALE SCORE → 47	→ 3 17

(62) 381.6

FINAL SCORE → _____

~ Cylinders, Pitot W.S. Pilot Control out Struts engine cowl 381.6

Here is the new AMA PEANUT SCORE SHEET. BOTH INDOOR & OUTDOOR PEANUT AT THE NATS WILL USE THIS METHOD.
DOCUMENTATION: 3-VIEWS OR PHOTOS, OR PUBLISHED MODEL PLANS