INDOOR NEWS!

ONE AND ONLY!

THE HANGAR PILOT

MIAMI, FLORIDA USA

THE MIAMI INDOOR AIRCRAFT MODEL ASSOC.

MIAMA

ISSUE 58

DEC. 1989

CLUB 986

AMA E FOR EXCELLENCE



MEET #3 - DEC. 2ND ON LOCA

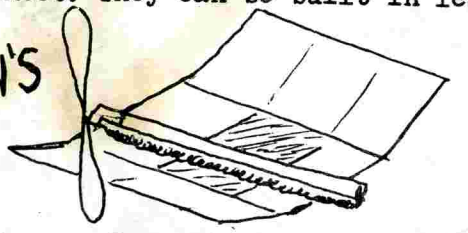
ERVIE'S MIAMA CHRISTMAS PARTY

DECEMBER 15TH

MEET 3

OPA LOCKA 9-5 on DEC. 9TH

ERNIE CLARK'S ONE DESIGN EVENT: THE SQUARE THING, Available at Orange blossom Hobbies, or Ern will have them at the meet. They can be built in less than



an hour. Dave Linstrum will be on hand to help youngsters build theirs.

XMAS PARTY SAT. DEC. 15





1980! A NEW DECADE DAWNS

ANNUAL PTS.

6 MEETS TO GO:

1. Mike Arak	30
2. Walt Everson	25
3. Ron Sharpton	24
4. Bill Smead	21
5. Roman Szymula	21
6. Jim Stewart	20
7. Carl Hedley	18
8. John Martin	18
9. Dick Kelso	5
10. Terry Rimert	5
11. John Arthur	3
12. Jr/Sr Billy Carney	3
13. Jr/Sr Jeff Everson	2

WHERE IS YOUR NAME?



THE HANGAR PILOT:

Is published 8 times a season by Miami Indoor Aircraft Model Association Club 986, the only active all indoor club publication. For $5.00 a year you receive all 8 issues. WE ARE ETERNALLY INDEBTED TO GOODYEAR TIRE AND RUBBER CO: FOR THE USE OF THEIR HANGAR FOR OUR MEETS:::: WE SUGGEST ALL INDOOR ORIENTED FOLKS REMEMBER THEM THE NEXT TIME YOUR CAR NEEDS A CHECK UP OR NEW TIRES ETC.

(1)

POWER

Pres./Editor Dr. John Martin Jr.
Secy./illustrator/Reporter..Dave Linstrum
Peanuteer: Carl Hedley
Archiveist: Terry Rimert
Scale Judge: Dan Kilgore
Properties and balloonist(Retrieval) Jim Stewart

PLEASE SEND CONTRIBUTIONS; 3 VIEWS; LETTERS, PLANS, AND MONEY TO:
MIAMA , 3227 DARWIN ST: COCONUT GROVE, MIAMI, FLA. 33133

OPA-LOCKA-MEET 2 (2)

Did you ever see so many planes in the air at once? Ten entries in peanut, nine in EZB, seven in paper stick, seven in penny plane,etc.,etc. It looked like the Nats !! For a small club we sure do a lot of flying, and I enjoyed every minute of it! As a matter of fact...12 guys flew in FORTY FIVE events. This is the new phenomenon....the five event contestant. Everyone wants to get into the act!! Jim Stewart, Mike Arak, Walt Everson, Roman Szymula, Ron Sharpton, Terry Rimert, and Bill Smead all have decided to enter many events and spend a full eight hours flying. Eight hours may seem like a long time but it sure isn't when you are flying 5 events. It's rush, rush, rush. Break a motor and your in trouble, hang a rafter and you're dead. Break a prop or wing, and ...where did the time go? What fun. Got a Valium?

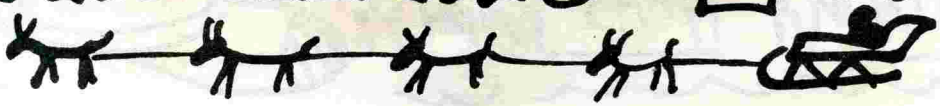
RECORDS: RECORDS.... As predicted last meet JEFF EVERSON got his penny plane repaired and trimmed out to perfection. He kept setting, and breaking the JR/Sr record and finally ended with a sensational 9:35.2 flight which was the best penny plane flight of the day, and broke his old record by over two minutes...even beating Roman's best penny flight by a minute. Not to be outdone, Roman Szymula appeared with a new paper stick model that set a new Cat II state record at 14:06. Martin continued his sneaky multiple entry technique in peanut and his new Mitsubishi "Hayabusa" Japanese pursuit plane shot down Carl Hedley's Found this time. Carl also resorted to a dual entry, but his new Moustique didn't stay up long enough. Ernie Clark had car trouble, but checked in by phone. He is really going all out for the club Christmas Party on Dec. 15th and we hope you all will attend:see elsewhere in this issue for time and route instructions. ERNIE'S ONE DESIGN EVENT... "THE SQUARE THING" stick model will be a feature of the 3rd meet on Dec 9th. Stock kits only. Call 1-943-3299 ... Ern says the blimp flys over his house in Pompano Beach all the time, lucky bum.

NEW FLYER IN THE HANGAR: In addition to welcoming back the "Up state Boys" we have a new Senior flyer from Jacksonville... Billy Carney, who displayed considerable tallent in EZB,penny plane, and paper stick.

MIAMA CHRISTMAS PARTY

2601 NE 9 Ave Pompano....Take I-95 to COPANS EXIT . Go East to 9th Ave. Go North on 9th Ave and look for all the Christmas decorations

SAT. DEC. 15TH 7:00 PM.



RESULTS - MEET 2 NOV. 13

(3)

PEANUT SCALE: (TOTAL PTS / PLANE + STATIC SCORE)

1. John Martin 3pts. (Mitsubishi 25.7)
2. Carl Hedley 5 pts. (Found 24.8)
X John Martin 6pts. (Kalinan 22.0)
XCarl Hedley 9 pts. (Moustique 24.5)
3. Walt Everson 11pts (Found 20.0)
4. Bill Smead 13 pts (Cougar 19.8)
5. Mike Arak 14 pts. (Volksplane 23.3)
6. Jim Stewart 14 pts. (Church 22.0)
7. Dick Kelso 16 pts. (Praga 19.8)
XDick Kelso 17 pts. (Jenny 19.0)

STATIC POINTS	FLITE POINTS	FLITE TIMES
1 static,	2 flite	(53.6) (45.0)
2 static,	3 flite	(30.0) (31.0)
5 static,	1 flite	(54.8) (53.0)
3 static,	6 flite	(24.8) (28.7)
7 static,	4 flite	(25.0) (34.0)
8 static,	5 flite	(23.6) (31.2)
4 stat.,	10 flite	(08) (15.4)
5 static,	9 flite	(07) (19.5)
8 static,	8 flite	(23.4) (12.4)
10 static,	7 flite	(28.0) (25.0)

'77

SCALE: 1. JOhn Martin (Martin MO-1 74)
2. Mike Arak (Volksplane 76)
3. Dick Kelso (Stinson 64)

1:04 138
:15.4 91.4
:12 76

GLIDER:
1. Bill Smead (47.4) (47.1)
2. Ron Sharpton (47.0) (43.4)
3. Mike Arak (37.4) (38.9)
4. Terry Rimert (37.0) (35.8)
5. Jim Stewart (34.0) (31.0)

MANHATTAN:
1. Walt Everson 5:33
2. Ron Sharpton 4:19
Carl Hedley .....

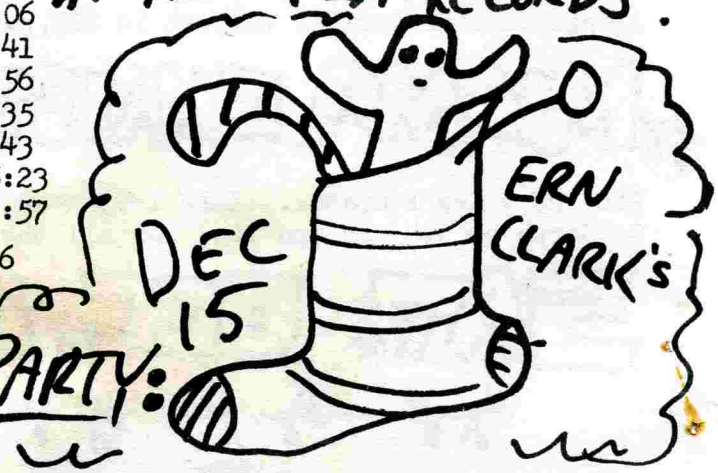
EZB:
1. Roman Szymula 8:47.6
2. Ron Sharpton 8:07
3. Bill Smead 7:23
4. Walt Everson 7:13
(1) Jr/Sr Billy Carney 6:47.4
5. Jim Stewart 6:36
6. Carl Hedley 6:27
7. Mike Arak 5:25.8
8. Terry Rimert 1:01

PENNY PLANE:
(1) Jr/Sr JEFF EVERSON 9:35.2
1. Ron Sharpton 8:41.4
2. Roman Szymula 8:37.4
3. Walt Everson 6:27
4. Mike Arak 6:13
5. Jim Stewart 3:25
6. Bill Smead 2:09
(2) Jr/Sr Billy Carney 4:11
7. Terry Rimert 1:08

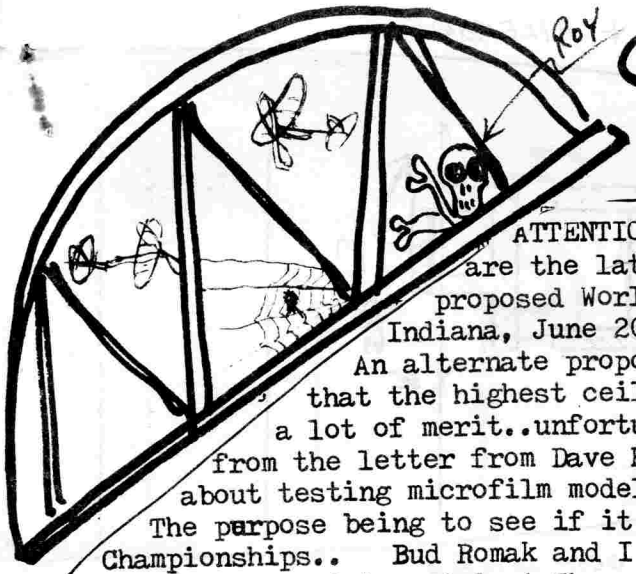
★ = NEW FLA. RECORDS!

PAPER STICK:
1. Roman Szymula 14:06
2. Ron Sharpton 8:41
3. Bill Smead 7:56
4. Mike Arak 6:35
5. Jim Stewart 5:43
(1) Jr/Sr Billy Carney 5:23
6 Terry Rimert :57

H.L. STICK: 1. Roman Szymula 5:36



MIAMA XMAS PARTY:



GIRDER DUST by S. FOX

(4)

ATTENTION ALL CADRE; ALL HANGAR PILOTS, Here are the latest directives pertaining to the proposed World Championship meet in West Baden Indiana, June 20 to 28th, 1980.....

An alternate proposal was considered by those who feel that the highest ceiling is the best site. This idea has a lot of merit..unfortunately the site bombed as we quote from the letter from Dave Hagen: "You might have heard rumors about testing microfilm models in the Seattle (Wash.) King Dome. The purpose being to see if it is suitable for the 1980 F1D World Championships.. Bud Romak and I flew FA I models in there in Oct., and had a second tryout last Thursday. Those who took part were Romak, Erv Rodemsky, Bob Gibbs, Lew Gittlow, and me. Nobody was pleased with the results and I believe E rv has recommended to Ray Harlan that it isn't suitable, and that we all forget it.

The flying space in the dome is vast beyond the imagination. One problem is that, with a 240' ceiling, there is no reachable trapped warm air. Second..drift was fierce. Third...the ceiling is almost white in color making models impossible to see(especially at 200').

Top time was Romak's 37 minutes, followed by Gibb's33 plus. Erv built a special "Dome" model very strong and weighing almost 2 grams. He launched it with very high torque and it jetted off to hit the side of the dome at 200', but it had a cruise to match and was down in no more than 30 min." Dave did a 25 min. flight, and also flew Penny. Thanks for the report Dave..too bad the site had problems, but noone mentioned the COST to rent the joint.....A zillion dollars???

In view of the above report, Ray Harlan did indeed move the MIAMA proposal another notch nearer the 1980 W.C.'s. Next stop..Paris CIAM in Dec.

We might add that Jim Richmond did over 37 Minutes with a 1 gm. FAI model at the FNART in West Baden in 1979...at 96 feet?!!!

Whether or not the W:C.'s will be held at West Baden, the rest of the week is GO! Namely the FIRST WORLD PEANUT GRAN PRIX will be on June 25, followed, on the next three days, by the VNART (Fifth Nimas Annual Record trials) This trial will be conducted as all those before them, with an "index of performance" foremat . The dates are June 26, 27 & 28., We hope this will be the longest and best week of indoor flying in the history of the sport. It would surely make a fine film documentary... are you listening, AMA? More on this elsewhere in this issue.

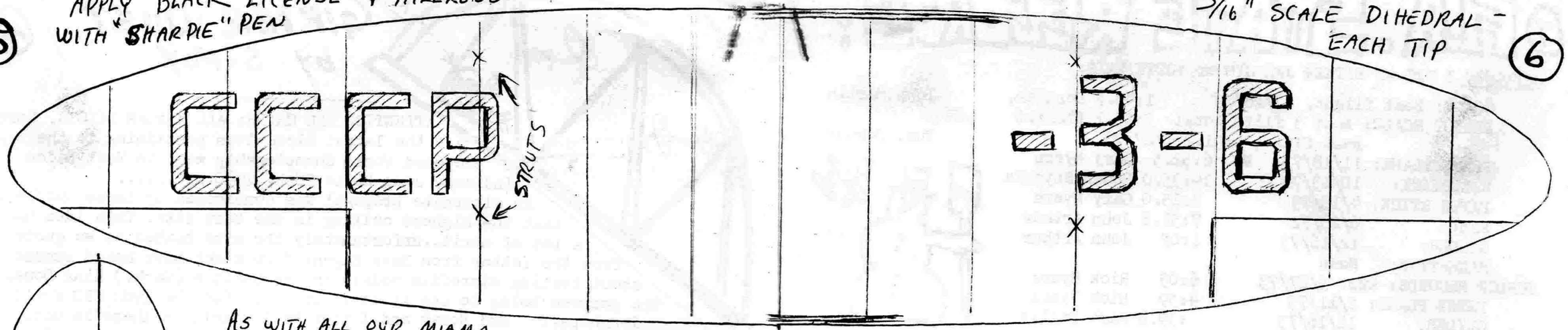
COLUMNISTS + CLUBS - PLEASE COPY
- ADD TO YOUR CALENDAR OF EVENTS -

(5)

APPLY BLACK LICENSE + AILERONS WITH "SHARPIE" PEN

3/16" SCALE DIHEDRAL - EACH TIP

(6)

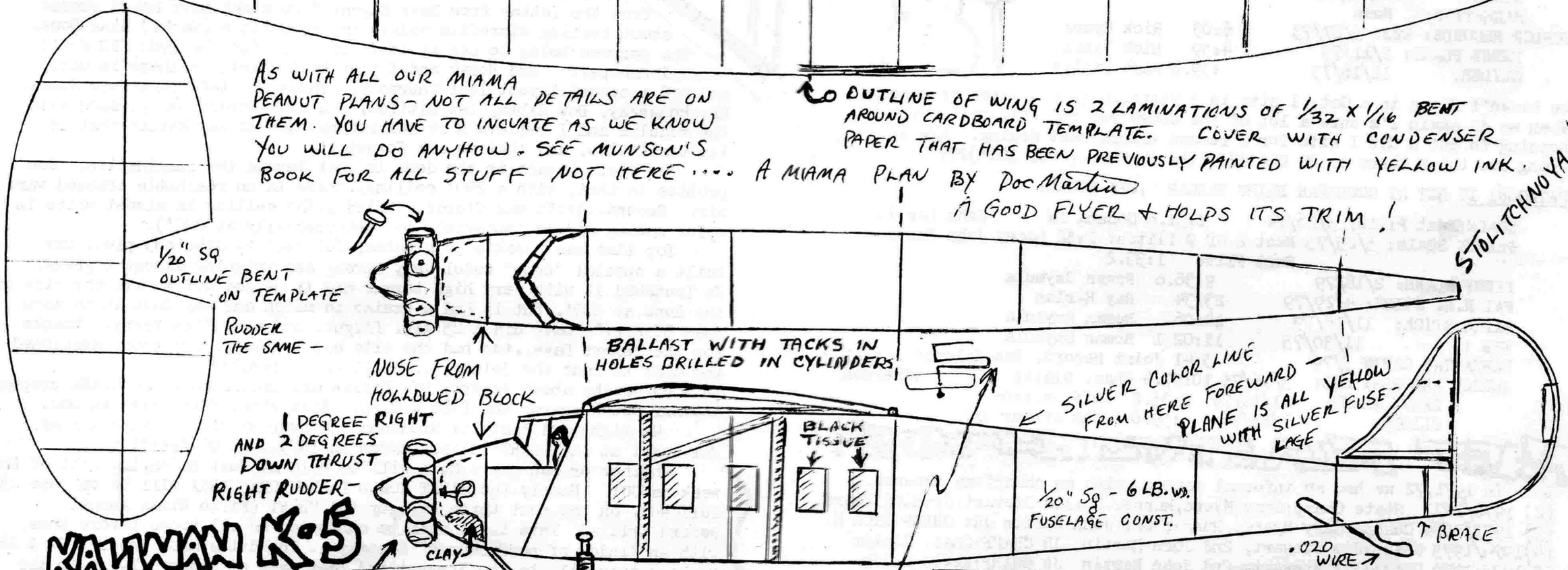


AS WITH ALL OUR MIAMA PEANUT PLANS - NOT ALL DETAILS ARE ON THEM. YOU HAVE TO INOVATE AS WE KNOW YOU WILL DO ANYHOW. SEE MUNSON'S BOOK FOR ALL STUFF NOT HERE.... A MIAMA PLAN BY Doc Martin

OUTLINE OF WING IS 2 LAMINATIONS OF 1/32 X 1/16 BENT AROUND CARDBOARD TEMPLATE. COVER WITH CONDENSER PAPER THAT HAS BEEN PREVIOUSLY PAINTED WITH YELLOW INK.

A GOOD FLYER + HOLDS ITS TRIM!

STOLITCHNOYA!



KALINAN K-5

1929 RUSSIAN AIRLINER

COLOR + 3-VIEWS IN "AIRLINERS BETWEEN THE WARS 1919-39" BY KEN MUNSON

CARVE MOTOR - 9 CYLINDERS - FROM DISC 7/8" X 1/4"

SCALE L.G.! RECOMMEND ENLARGING IT!

NORTH PACIFIC 'SKEETER' PROP OR 3½" LAMINATED HARDWOOD FOR WT.

WT 6.5 GM WITH BALLAST

20" LOOP OF .065 WILL DO 1 MIN R.O.G.

IF YOU LIKE TO BEND WOOD, YOU'LL LOVE THE KALINAN, TOVARISH

FLA. STATE RECORDS:

CATAGORY I SET AT EITHER JFK GYM or YOUTH FAIR:

SCALE: Best flight,	3/18/73	1:48.7 Dornier,	John Martin
PEANUT SCALE: Best 3 flite total		3:53.1 Bleriot	
Best flite:		1:31.2	5/27/73 Russ Dorsey
PENNY PLANE:	11/18/73	6:52.5	Gary Myers
H.L.STICK:	10/13/74	14:35.0	Roman Szymula
PAPER STICK:	4/15/73	8:25.0	Gary Myers
EZB:	6/25/72	7:51.8	John Arthur
GLIDER:	12/16/73	1:07	John Arthur
MANHATTAN:	None		
JUNIOR RECORDS: EZB:	5/27/73	6:03	Rick Myers
PENNY PLANE:	2/11/73	4:59	Rick Myers
GLIDER:	12/16/73	:39.8	Mark Bailey



We haven't flown in a Cat. I site in 5 years..note old dates on records. When we do again I'm sure a lot of the above records will fall. We are hopeing to get a Cat I site for a record trials next Spring. Are we wrong..we think there is NO Cat III site in Fla. (Over 100')???

CATAGORY II SET AT GOODYEAR BLIMP HANGAR ,OPA LOCKA:

SCALE:Best Flite,	5/26/74	1:51.6 Cessna AW	John Martin
PEANUT SCALE:	5/25/75	Best 2 of 9 flites: 2:52 Lacey	John Martin
Best Flite		1:33.2	
PENNY PLANE:	2/18/79	9:36.6	Roman Szymula
FAI H.L. STICK:	4/29/79	23:34	Ray Harlan
PAPER STICK:	11/18/79	14:06	Roman Szymula
EZB :	11/30/75	11:02.1	Roman Szymula
MANHATTAN CABEN	5/79	5:41	Joint Record, Dan Kilgore & Walt Everson
JUNIOR RECORDS: EZB:	3/16/75	10:07.4	Chas. Slater
PENNY PLANE:	11/18/79	9:35.2	Jeff Everson
GLIDER:	1/25/76	:59.0	John Arthur Jr.

PAST FLA STATE CHAMPS:

(1) In 1971,72 we had an informal season with no champions crowned.
(2) 1972/1973 State Champ:Gary Myers,Runner Up:Jim Stewart.Jr:Rick Myers
(3) 1973/1974 Champ: Gary Myers, Runner UP: John Martin JR: CHAMP Rick M.
(4)1974/1975 Champ:Jim Stewart, 2nd John Martin JR CHAMP:Chas. Slater
(5)1975/1976 Champ:Jim Stewart, 2nd John Martin JR CHAMP:Kevin Smith
(6)1976/1977 Champ:Roman Szymula,2nd Jim Stewart JR CHAMP:Allen Honey
(7)1977/1978 CHAMP:Roman Szymula,2nd John Martin JR CHAMP:Jim Smead
(8)1978/1979 CHAMP:Jim Stewart,2nd Bill Smead Jr.CHAMP:Jeff Everson
(9)1979/1980 CHAMP: ??? 2nd ??? JR:CHAMP: ??? SIX MEETS TO GO !!!

~~80~~ 81 PAUL HARVEY FLIES RADIO CONTROL !

MIKE ARAK, 2 RON SHARPTON JR. BILL CARNEY



FIRST WORLD PEANUT GRAN PRIX June 25 1980

Northwood Institute, West Baden Indiana, U.S.A.
Contest Director:Clive(Butch) Hadland, UK
Director of entries, and proxy flying: Mike Arak
10900 SW 61 Ct. Miami,Fla. 33156
Sponsor: MIAMA indoor club AMA 986, Miami Fla.

THE TIME:Proxy entries must send in application form below by MARCH 31, 1980
Models must be presented at Northwood before 10:00 A.m on JUNE 24, 1980. ALL ENTRIES SHOULD HAVE SENT IN ENTRY FORM BELOW BY JUNE 10, 1980.

THE CONTEST: The flying will be from 8:00 AM to 8:00 PM on June 25 1980. Multiple entries are permitted in all classes at $1.00 each, but only your best effort will count. As in the Model Builder contest we will have 5 classes. Pioneer, WW I (1914-1918), Golden Age (1919-1939), WW II (1939-1945),& modern. MIDNIGHT AWARDS GIVING:::

Proxy entries are encouraged. If you need a proxy flyer, check the box on the entry form, and get it to MIKE ARAK by March 31, 1980. We will assign a proxy flyer to your plane, and you can both make the necessary arrangements. THE RULES: Other side of this sheet has the rules. You can build to a 13" SPAN, or a 9" overall LENGTH. We MMM hope that the three days prior to this the 1980 World Indoor Champs will be held. We will know in Dec. On the three days following this meet we will hold the Fifth NIMAS Annual Record Trials. THIS IS DEFINITE: Information for the VNART will be in issue 59.

PLAN AHEAD - A FULL WEEK OF INDOOR - JUNE 21-28 '80 ON PROXY ENTRIES - ALL ARRANGEMENTS FOR ENTRY AND FLYING MUST BE MADE BY THE ENTRANT.

ENTRY - 1ST WORLD PEANUT GRAN PRIX

CHECK → ☐ I NEED A PROXY FLYER (SEND THIS IN BEFORE MAR 31 1980)

NAME: _____ AMA No. _____

ADDRESS: _____

I PLAN TO ENTER: (ENTRY FEE IS $5.00 plus $1.00 for each additional model)

PLANE: _____ CLASS _____ PLANE: _____ CL: _____

PLANE: _____ CLASS _____ PLANE _____ CLASS _____

PLANE: _____ CLASS _____ PLANE _____ CLASS _____

SEND TO: J:B:Martin 3227 Darwin St. Miami Fla. 33133, U:S:A: BY JUNE 10 1980 →

80/81 ① Walt Everson ② Martin Jr / John Hostenbirk Jr

•53. FF PEANUT SCALE ALTERNATE RULES— INDOOR AND OUTDOOR (PROVISIONAL)

JOIN US FOR A FULL WEEK OF INDOOR SCALE DAY IS JUNE 28 OF THE VINART. ELEC, RUBBER CO² AMA SCALE & PEANUT SCALE

1. Applicability. All pertinent AMA regulations (see sections titled Sanctioned Competition, Records, Selection of National Champions, and General) shall be applicable except as specified below.

2. General. Open to any scale model of a man-carrying heavier-than-air airplane of no more than 13 inch wingspan. , OR OF 9" OVERALL LENGTH.

3. Documentation: Peanut Scale is an attempt to have an official fun event. These rules encourage a broad spectrum of aircraft types, new and old. Therefore, standard scale documentation may be difficult to obtain. Models may be built from kits, old kit plans,

PEANUT SCALE (ALTERNATE) SCORE SHEET

Total Static Points:

Total	
Place	

Name _____ AMA No. _____

Address _____

Type Aircraft _____

STATIC SCORE "Judging Criteria":

A. Workmanship, 10 Points Maximum — * K'FACTOR

[A]

B. Authentic Coloring & Markings:
Excellent 3
Good 2
Lax 1
[B]

C. Authentic Details:
Many 3
Some 2
Draw on 1
None 0
[C]

D. Flying Surfaces:
All double covered 3
Dbl. wing, single tail 2
All sheet 1
Single 0
[D]

E. Type Covering:
Color doped paper, opaque so structure won't show 6
Clear doped colored tissue 5
Undoped Japanese tissue 4
All sheet balsa or foam 3
Colored condenser or microlite 2
Uncolored cond. or microlite 0
Microfilm ..... −2
[E]

F. Landing Gear
Scale length 3
Slightly enlarged 2
Greatly enlarged, or no photo, drawing or 3-view of original 0
[F]

G. Dihedral
Scale 3
Up to 6 degrees increase 1
Over 6 deg., or no photo, drawing, or 3-view 0
[G]

H. Stabilizer Outline:
Scale 3
Slightly enlarged 1
Greatly enlarged or no 3-view 0
[H]

I. Minus Points: Deviations from scale to aid flying performance, i.e., lengthening nose or tail moments, moving wing back, simplifying fuselage cross-section or outline, enlarging rudder, leaving off struts, etc., and all other non-scale aids.
Each ..... Minus 2 pts.
[I − pts.]

J. Bonus Points:
Aircraft type: Low wing or canard 1
Biplane 3
Triplane 5
Quadroplane 7
Autogyro 8
Helicopter 9
Flying boat or floats 3
[J + pts.]

Construction:
Scale number of wing ribs ..... 2 per wing
Scale number of stab ribs 1
Scale number of rudder ribs ..... ½
Hinged ailerons 1
Hinged rudder and elevator 1
Oval or round fuselage cross-sec. 1
Wheel spats or pants 1
3 dimensional pilot figure 1
2 functioning propellers 3
3 functioning propellers 5
Dummy engine nacelle and/or any radial engine ..... 1 ea.

FLYING SECTION: K. JUDGES' APPRECIATION 0-5 (FOR UNUSUAL FEATURES)

1	2	3	4	5	6	7	8	9

NO ATTEMPTS ALL FLIGHTS R.O.G. (Except autogyros and seaplanes)

(Place)

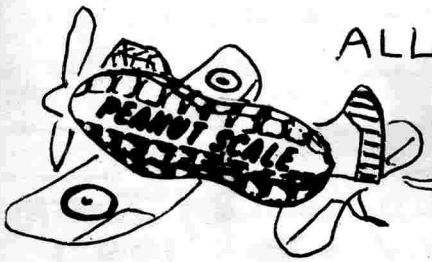
Total of Best Two Flights ..... → [ ] Equals Flying Points ..... → [ ]

Static Points (1st, 2nd, 3rd, etc.) ..... [ ] Plus Flying Points (1st, 2nd, 3rd, etc.) .... [ ] Equals Total Points ..... [ ]

\+ =

ALL FLIGHTS R.O.G.

FINAL PLACE: [ ]



REMEMBER- THIS IS A FUN EVENT!

Contributed by C.J. Stiles
TWR Inc. 401 N Broad St
Phila Penna. 9th Fl.
Buy Blimp Stock! 19108

AIRSHIP DEVELOPMENT PURSUED

Despite some disappointments, attempts to develop modern airships for long-distance cargo hauling and other jobs continue. One of the on-going efforts is in New Zealand where a number of government departments have formed a steering committee to further investigate proposals for several applications.

The proposals were made by P.W.C. Monk a British aerospace engineer who now is chief engineer and designer for the government-operated firm, Aerospace Industries Ltd. The proposals include a small 61-meter airship tug towing a 131-meter carrier airship for transporting natural gas from New Zealand gas fields to domestic depots, a 131-meter cargo ship for possible trade with Australia across the Tasman Sea, and a 61-meter airship for search and rescue work and surveillance of the island nation's 200-mile economic zone. Other proposals include passenger and car ferry services. Monk says that with the growing concern over oil, there is greater need to investigate the application of airships in a number of areas.

* * *

VOLUNTEER TO : MIKE ARAK
10900 SW 61 CT.
MIAMI FLA, USA. 33156

(10)

THE FIRST WORLD PEANUT GRAN PRIX !!

Proxy fliers needed. Your Job: To correspond with your entrant, make arrangements with him to receive, fly, and return hismodel. Of course this means a trip to West Baden on June 25. This is the only way a small club like MIAMA can have a proxy meet. We don't have a vast staff of hot pilots like they do at MODEL BUILDER.. The entrant's job is to write to MIKE ARAK who will assign a pilot to him from our pool of volunteers. Lets hope we get enough volunteer fliers to go around. BRING YOUR MODEL TOO!