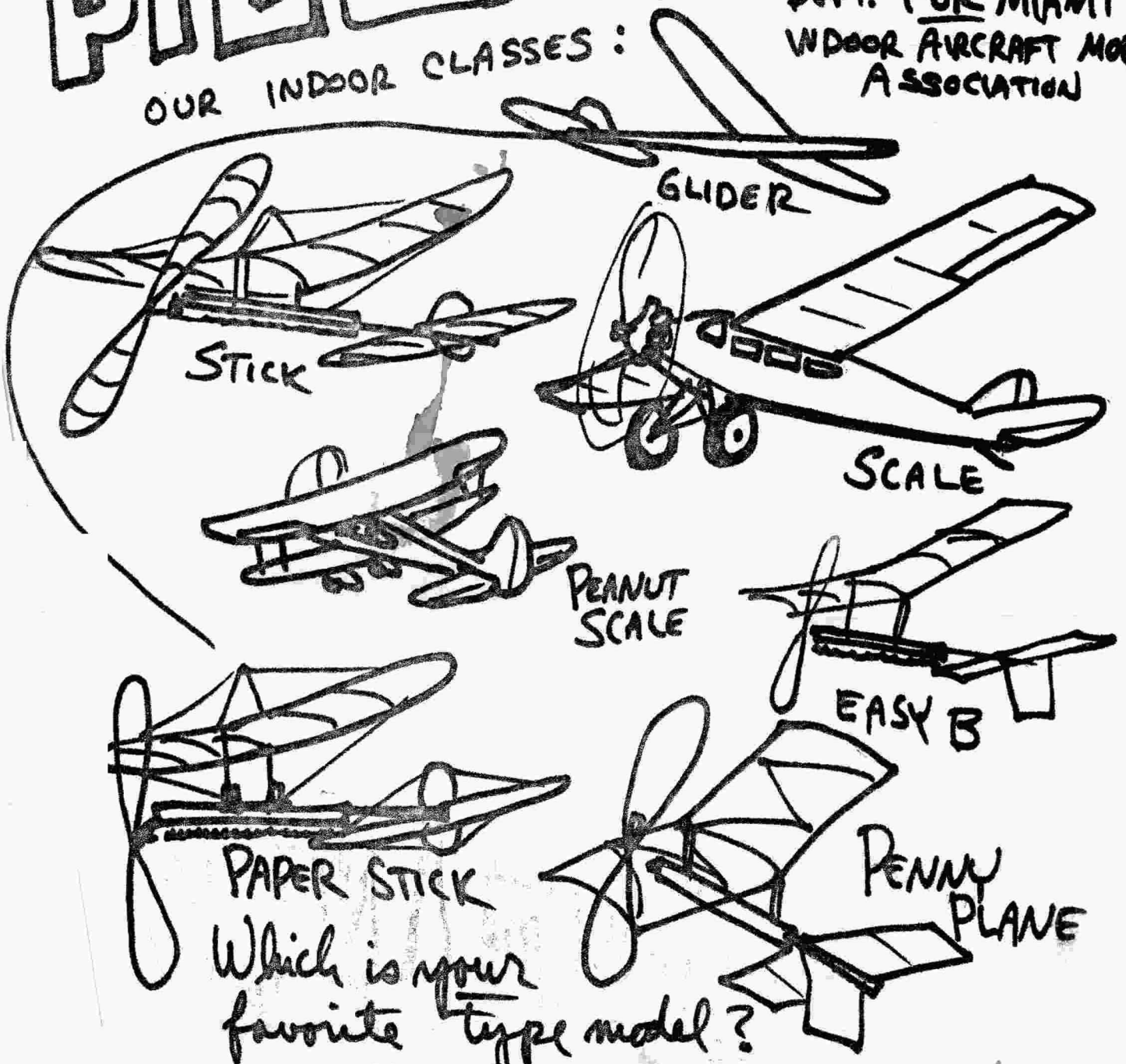
THE HANGAR PILOT

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DECEMBER '74

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NEW MONTHLY AWARDS COMING: IN PLACE OF THE MIAMA CLUB BUTTONS AND RIBBONS WE ARE GETTING EMBROIDERED CLOTH PATCHES OF THE MIAMA EMBLEM IN YELLOW AND BLACK, COURTESY OF DADE COUNTY PARK AND RECREATION DEPT.

REMAINING DATES FOR PLENTY OF FLYING ACTIVITY:

FLY-INS AT JFK GYM, MIAMI DADE NORTH COLLEGE. SUNDAYS 9:00 to 2:00

December 1
January 5
February 2
March 2
April 6
May 4 (May be cancelled)

CONFIRM! 858-6363

CONTESTS, AMA CAT. II AT BLIMP BASE, OPA LOCKA AIRPORT
SUNDAYS, 10:00 to 6:00

December 15
January 19
February 16
March 16
April 20
May 25

All dates are subject to last minute changes. CONFIRM BY CALLING 858-6363

PLAN YOUR VACATION AHEAD!!!
BACK TO THE SWAMPS FOR NATS 1975
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MUST MAGAZINES FOR THE INDOOR/FF MAN:
INDOOR NEWS + VIEWS: BUD TENNY BOX 545 RICHARDSON TEXAS 75080. $3.50 Brings you the monthly newsletter full of plans + stuff + makes you a member of the Nat. Indoor Model Airplane Soc.
N. I. M. A. S.

ANOTHER RECOMENDATION:

THE NATIONAL FREE FLIGHT SOCIETY!

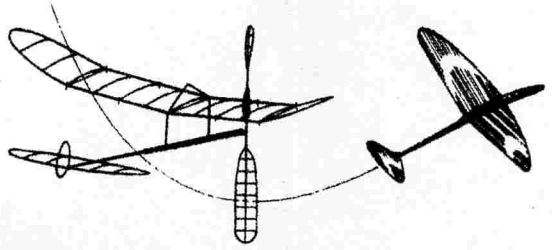
Yea, verily there is a publication for free flight folks without a servo in sight. It is FREE FLIGHT and it is published monthly by the National Free Flight Society. Your Editor heartily recommends this publication and this society to all Mangar Pilots in the spirit of the free flight spirit... no strings, no wires, no radio..just a long down wind chase. Each month there are columns on rubber power, gas power, indoor, scale (Well written by Bob Clemens), and plenty of plans, tips and misc. data of general interest for the free flighter. There is always a postal contest going on er sumpin. Send $5.00 to Bob Meuser 4200 Gregory St. Oakland Cal. 94619 to get in on all the debates, discounts, discussions, and a membership in NFFS !!!

FROM THE PAGES OF INDOOR NEWS + VIEWS:

The Voice of N.I.M.A.S. SEP·1974

INDOOR

NEWS and VIEWS Editor: Bud Tenny · Box 545 · Richardson, Texas · 75080



INDOOR SCALE AT THE NATS

by John and Sandy Martin

It was Christmas, Fourth of July and Circus Day all in one for the indoor scale fan at the '74 Nats. No less five events were scheduled - one official and four unofficial. Besides the usual AMA Indoor Scale event were added the Miami Indoor Club's Navy Scale event, the California Flightmasters' Peanut Scale event, the Chicago Aeronuts' Peanut Scale event and the Biplane Scale event. All the clubs contributed their own very distinctive trophies and there was no entry fee charged. As a side note, there were at least a dozen AMA scale entries flying at the Lake Charles Civic Center that were not part of the 20 official entries. I discovered that the cost to enter late, plus the regular AMA fee amounted to $25. This is big money for a club member to pay his own club for an event, even in these inflated times. I don't know the solution, but I feel this matter needs some attention. This story will probably be the only acknowledgement of these clubs' efforts that will appear in print.

AMA Indoor Scale results; Ralph Kuenz judge: Here is the official biggie - a reduced field of 20 craft - 14 in AMA and 6 in Navy Scale. This total was enhanced by the dozen fringe flyers who flew for their own amusement for the large crowd of spectators. The crowd was very appreciative and applauded not only good flights, but some mediocre ones as well. (Results tabulated page 1.)

The winning planes: (1) Fred Stark - 3/4" to the foot, 24" span. It was the best looking of the entries and was copied after a real craft owned by a friend. It was a heavy 33 grams in weight and powered with 4 strands of .075 pirelli in a 36" loop. Fred has great success with small, fast-running low pitch props on long loops of rubber - three times the nose-to-rear-hook distance. The prop was 6" diameter with 35° angle at the tip of the plywood blades. His best flight of 58.4 seconds was achieved on 1920 turns. This highly detailed model appeared in the July '74 MAN.

(2) Chuck Markos had considerable success with the Widgon and made a new version this year. He used condenser paper instead of the usual jap tissue, and hand carved a 7" dia., 5½" pitch prop. Although he had previously done 1:22, and 1:08 would have won, the best he could manage was 1:03 and he broke many motors.

(3) Dr. John Martin - When the biplane he intended to enter proved disappointing, he built a little (15") Stahlwerke RII from Walt Mooney plans. It was finished in one week and came to the Nats untrimmed. It was more detailed than Walt's version, weighed 1/3 oz., and was powered by a 22" loop of brown rubber. The cut-down Midwest plastic prop gave 55.4 seconds on 1850 turns, but it would only fly with 5° of upthrust.

(4) Andy McIsaac - His Itoh, at 1 oz., was the heaviest of the winners. The 24" loop of 1/4" pirelli gave flights near 50 seconds on 1500 turns. He carved his own 7 3/4" prop and used clear-doped jap tissue for covering.

(5) Charlie Sotich's little Volksplane also won the Scalemasters Peanut Scale event.

MIAMA's Navy Scale Event was judged by Andy McIsaac. Fred Stark, who won almost everything else, won the Navy Scale event for the third time in four years with the same airplane! His Brewster XB2B had a 6½" prop with 35° pitch turned by a 30" loop of 1/8" pirelli. It had 19½" span and was light at 20 grams. Although it was a fat and unlikely looking flyer, it did 1:03 on 1850 turns after having trouble taking off all evening.

FLIGHTMASTERS Biplane Scale was judged by Ralph Kuenz and Russ Barerra. Believe it or not, this was the most closely contested of all the indoor scale events. Even though there were only seven entrants, all were in the running and only 4 seconds separated 1st and 3rd. George Meyer, of "Little Toot" fame, flew a beautiful jap tissue covered yellow and black Avro 511 biplane to win.

Peanut Scale has stirred much interest in both indoor and outdoor free flight circles. There were two indoor Peanut events - one using the Flightmasters' Walt Mooney rules and one using the Chicago Scalemasters rules. Both clubs donated fine trophies for their event. The Mooney rules are as follows:

1. Any number of flights - best one counts.
2. Any number of entries per contestant - only the best one counts.
3. Hand launch or ROG - no bonus for ROG.
4. After flying, line up the models, ranking them from best to worst for static/scale position points.
5. Combine flight score placing with static position for final results - low score wins.
6. Tie breaker - best static (scale) score wins.

[NEXT PAGE]

Chicago Scalemaster rules:

1. Maximum 100 points static score; workmanship - 40, accuracy - 30, finish, color and markings - 30.
2. Maximum 100 points flight score at 1 point per second; flight score can exceed static score.
3. All flights ROG - best flight of four counts.

Judge Ralph Kuenz was using these rules himself for the first time and said he had trouble applying the 40 points for workmanship.

Both sets of Indoor Peanut rules are a vast improvement over the current ones intended for outdoor flying. The Chicago rules require longer to apply and need more documentation and scrutiny. Their ROG requirement is a plus. Perhaps the flying score should be limited to equal to static score but then this becomes too much like AMA Indoor Scale. Perhaps these rules already are too much like Indoor Scale for a fun event. By contrast, the Mooney rules are quick and easy to fly and maximize both the number of planes and the flying they do. Since you fly "against the field" of entrants and are not judged to some 100 point perfect plane, the man with the best chance builds to the local philosophy. In a field of five good flying planes and two good looking ones, the "flyers" have the best chance. The opposite is true in a field dominated by super scale modelers. These rules can't be used in a postal contest unless the model is sent for proxy flying.

Just for kicks - score the Chicago contest with the Mooney rules - look at the surprising results: the 1st place plane would be 5th, 2nd place moves to 1st and the 3rd place model ends up 7th!

The reason I'm going into all this is that we'll soon be asked to OK a new set of Peanut rules, and there is considerable world-wide interest in them. Keep your eyes peeled for the MIAMA rules which combine some of the features of both sets of rules plus some emphasis on reducing documentation requirements. Also MIAMA gives some bonus static points to the heavy or hard-to-trim ships such as autogyros and helicopters, float planes and flying boats, and craft with two or three operating props (we get some nutty looking entries here in Miami!)

The winners: (1) Charles Sotich - The only deviations from scale were enlarged dihedral, stab, and landing gear. He's been winning all the Chicago contests with this ship for the last four years. Scratch built, it was ultra-light (under 3 grams) and covered with microlite. The 4½" prop has 7½" pitch in the bent 1/32" sheet blades. 1500 turns on a 15" loop of .042 pirelli gave its best flight of 1:48.8. (1) Dan Domina got away before I could interview him, but his J-3 Cub looked like a stock Micro-X kit built very light and capable of flights over two minutes.

John Martin - 2nd in both contests - flew his MO-1 that was 3rd in the '62 Nats. 4½" bent sheet prop with 45° angle at the tips. A 20" loop of .060 pirelli with 1800 turns produced a 1:05.5 flight. The model was covered with yellow jap tissue and silver microlite, weighed four grams and had many details such as radiators, exhaust stacks, pilot and observer, Lewis gun and sight, etc.

Ted Dock - His Piper Vagabond , a stock Ken Johnson designed Micro-X kit, was 3rd in the Chicago contest, 7th under the Mooney rules and 2nd outdoors on a windless morning!

Col. Randolph did not enter this year although he won last year. He told me he had built a new Peanut (just over one gram) capable of over five minute flights, but it didn't have a chance under either set of rules. I must say that this year the field did look like little airplanes and not Stout Trophy miniatures.

SEE WHAT GREAT PROSE YOU HAVE BEEN MISSING ! JOIN N.I.M.A.S.

JOIN THE "PEANUT A MONTH" CLUB
Want a magazine where the centerfold is always a Peanut Plane?
MODEL BUILDER 1105 SPURGEON, BOX 4336 SANTA ANA, CAL 92702
$1.00 a Copy BUT SPECIAL INTRODUCTORY OFFER: 1 YR FOR $9.00
above offer expires Jan 1, 1975. A Really fine FF mag!

SPECIAL 1ST PLACE AWARD FOR PEANUT IN
NEXT CONTEST - DEC 15
OPA LOCKA BLIMP BASE 10 to 6
3 SCALE PLANS FROM BILL HANNAN
NEXT FLYIN - DEC 1
JFK GYM - MIAMI DADE NORTH 9-2

3 BIG CONTESTS COMING UP

BALSA MAX

(1) MODEL BUILDER MAG'S PREMIER PARCEL POST PROXY PEANUT CONTEST

(2) FLYING ACES CLUB'S 8TH ANNUAL POSTAL PEANUT CONTEST

(3) MIAMA'S WORLD WAR I PEANUT DOGFIGHT



DETAILS: (1) GET SEPT/OCT ISSUE OF MODEL BUILDER. THIS CONTEST HAS THE PEANUT MODEL SENT TO CAL. IN A BOX TO BE PROXY FLOWN BY THE FINEST OF WEST COAST PILOTS! YOU MUST REGISTER BY MAIL BEFORE FEB. 1 1975, AND MODEL MUST BE IN CAL. BY APRIL 1. GET IN TOUCH WITH YOUR EDITOR FOR DETAILS. PRIZES GALORE!

(2) FLYING ACES POSTAL - GARY MYERS + DOC MARTIN WON A COUPLE OF THIS WELL KNOWN CLUB'S EVENTS LAST YR. 4 DIVISIONS - (1) INDOOR PEANUT (2) OUTDOOR PEANUT (3) INDOOR NO-CAL SCALE (PROFILE SCALE) (4) OUTDOOR NO-CAL SCALE. ANY TIME YOU FLY IN A MIAMA CONTEST YOU ARE ALSO ELIGIBLE TO HAVE THESE TIMES MAILED IN TO FLYING ACES (ASK DOC)

(3) WORLD WAR I DOGFIGHT. IN CONTEST # 4 ON JAN 19 MIAMA WILL PRESENT THE BALSA MAX TO THE WINNER OF THIS ONE. RULES - (1) PLANE MUST BE A LEE'S HOBBY KIT - PLAN, TISSUE + PROP. (2) EVERY ONE IN CONTEST FLIES AGAINST EVERY OTHER ENTRY.... FIRST PLANE DOWN LOOSES. KEEP SCORE OF YOUR WINS + LOSES. BEST RECORD WINS.

REMAINING INDOOR FLYING DATES

FLY INS AT JFK GYM [9-2]

DEC 1 SUNDAYS
JAN 5
FEB 2
MAR 2
APRIL 6
MAY 4

GOODYEAR BLIMP BASE OPA LOCKA AIRPORT - CONTESTS

DEC 15
JAN 19
FEB 16
MAR 16
APR 20
MAY 25

SUNDAYS
10 - 6
CONFIRM - CALL
858-6363

RESULTS OF CONTEST #2 SUNDAY NOV. 24 GOODYEAR BLIMP BASE OPA LOCKA

PEANUT SCALE:
1. Bill Hiscock 3 points(Waco E 25.5)1st looks, 2nd flight(61.1)(62.1)
2.John Martin 4points(Luton Minor 19.5) 3 looks,1 flite(69.5)(73.0)
3.Fulton Hungerford 6 Pts.(Avro tripe 21.5)2 looks, 4 flite(38.4)(38.5)
4.Jim Stewart 7 Pts.(Cessna 19.0) 4 looks, 3 flite (46.0)46.2)
5. Jim Whelan 10 pts. (Nesmith Cougar 10) 5 looks,5 flight(28.2)(27.9)

SCALE: JR/SR
1.Allen Honey 4 Points(Pietenpol Camper 16.0)1st looks 4th flite(13.2)
2,Kevin Smith 4 points(Cub 15.5) 2nd looks, 2nd flite(29.7)
3.Billy Hiscock 4 points (Cub 8.3) 3rd looks,1st flite (31.2)
OPEN CLASS:
1.Bill Hiscock 3 points.(Waco E 25.5) 1st looks, 2nd flite (67.6)
2.John Martin 3 points(Cessna AW 25.2)2 looks,1 flite (1:27.8)
3.Jim Whelan 7 points(Curtiss Robin 22.5)3 looks, 4 flite(3.1)
4.Jim Stewart 7 points(Stinson Voyager 7)4 looks,3 flite (49.0)

EASY B
1.Roman Szymula 9:13.0
2.Jim Stewart 8:50.0
3.John Martin 5:48.5 (23 ENTRIES)
4.Dan Kilgore 5:20.8

PENNY PLANE:
1.Dan Kilgore 3:14.1
2.Jim Stewart 2:58.6

GLIDER: JR/SR: 1.Kevin Smith (21)(21.8) 42.8
2.Allen Honey (20)(20.1) 40.1
Open: 1.Jim Stewart (#8)(28.4) 66.4
2. Jim Whelan (18.6)(19.5)38.1

PAPER STICK: 1. John Martin 4:43
2. Roman Szymula 2:33.7

ANNUAL POINTS,"2Meets

1.Bill Hiscock	19
1.John Martin	19
3.Jim Stewart	16
4.Gary Myers	10
5.Roman Szymula	9
5. Jim Whelan	9
7.Charles Slater	6
7.Kevin Smith	6
9.Allen Honey	5
10.Rick Myers	3
10.Fulton Hungerford	3
12.Allen Szabo	2
12.Billy Hiscock	2
14.Ernie Clark	0

GARY MYERS GOES WEST

At sunset a battered old Fokker D-VII dpopped low over the MIAMA hangar and flung out a package that smacked on the tarmac. The ground crew that recovered it found GARY MYERS boots and flying helmet. Yes, Hangar Pilots...Gary Myers has gone West. The Florida 2 year indoor champ,and outdoor free flight expert has moved to California. We bid farewell to Gary...we will miss him in the hangar at future meets. Our loss is Cal's gain, so look out Santa Ana !! Thanks Gary, for all your efforts on behalf of MIAMA. Keep in CONTACT!"

