The Hangar Pilot

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APRIL 1974

MIAMI INDOOR AIRCRAFT ASSOCIATION
MIAMA
METROPOLITAN DADE COUNTY FLORIDA

Check these upcoming events and try to make the scene:

APRIL 7th CANCELLED DUE TO JFK GYM USED FOR TOURNAMENT. NO FLY-IN!!

APRIL 21 MIAMA INDOOR CONTEST #7 GOODYEAR BLIMP HANGAR 10 AM to 6 PM

MAY 5 JFK GYM. FLY-IN CONFIRMED AND O.K. 9 to 1 MIAMI DADE NORTH

MAY 26 LAST INDOOR CONTEST GOODYEAR BLIMP HANGAR 10 to 6

JUNE 22 SAT. NIGHT ANNUAL AWARD BANQUET AND TROPHIES AWARDS .

JUNE 30 MIAMA 1ST ANNUAL OUTDOOR FREE FLIGHT SCALE RALLY, COOK-OUT AND END OF YEAR GET TOGETHER

3 events: Free Flight Gas (Includes CO2), Peanut, and rubber scale. AMA or MIAMA rules ??? See inside for discussion and help decide. DAWN PATROL TIME SCHEDULE: 7:00 AM to 1:00 PM. Scale models don't do very well when the wind comes up. Scale judging after flying. WHERE?? At Florida International University grounds near Youth Fair. HOMER BARTON, PRES. OF TROPIC AEROS HAS ASSURED US THE RADIO CONTROL FLYERS WILL NOT FLY THAT DAY, AND WILL EVEN HELP US PUT ON OUR CONTEST!! We hope some of the R.C. people will try some free flight with us..You can build a Peck- Polymer Peanut in two evenings.. BRING YOUR PICNIC GOODIES. MIAMA WILL PROVIDE CHARCOAL GRILL, AND MIX & ICE SO WE CAN EAT AND SOCIALIZE WHILE SCALE JUDGING IS GOING ON.

NOTE: ANYONE INTERESTED IN A SCALE TOW LINE GLIDER EVENT.?? LET US KNOW!! *

JULY 1 to 4 OLD TIMER NATS AT LAKEHURST N.J. CALL EDITOR FOR DETAILS.

* P.S. No one was!

THE HANGAR PILOT ISSUE NUMBER 15 APRIL 1974

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WHAT'S HAPPENING

The new era in indoor has dawned, and although it took almost two years to get our first ten minute flight in the endurance class last contest..suddenly we have two more hangar pilots eclipsing Gary Myers' feat, and ushering in the era of the microfilm endurance model. Newcomer Alan Szabc drove over from Naples and put up a flight of 12:43.5 with a beautifully built model. Roman Szymula, who had gone home to recover his stabilizer, and rebuild his broken prop,came back to the contest and set the new Florida endurance record with a flight of 15:36.1. We had ideal conditions with almost no drift in the hangar.

Who could have predicted when indoor activity began in earnest about 2 years ago that the two most highly contested events would be endurance and peanut scale? Glider and easy B are about tied for third most contested with scale a pace or two behind and gaining fast. Only enough Penny Plane and Experimental haved bombed, as has Junior Kit Stick which we had hoped to provide lots of activity for the novice.

Peanut scale is the most competitive event with six different people winning either a first or second this season so far, and times for the bitty scale models are over a minute R.O.G. (Rise off ground). Not only do they fly well, but they LOOK like real aircraft due to our local rules which balance looks against flying ability. Elsewhere in this issue are the Miami Scale Rules and Peanut Scale Rules. We would like to hear some opinions as to whether the outdoor scale meet on June 30th should be conducted according to AMA Scale and Peanut Scale (Provisional) rules, or whether we should use our own "Judging Criteria". Read our rules, check your AMA rules book--the 1974 version should be in your hands about the same time as this issue of the Hangar Pilot ---and compare. Remember this is a three event meet.. Rubber Scale, Peanut scale, And gas Scale. Please.. let's hear your opinion call 448-6329 during the day or drop me a post card at 3227 Darwin St. Also when checking over our peanut rules and "Judging Criteria" I would like to hear whether you have any suggestions to improve them..I intend to submit these rules to AMA as the MIAMA PROGRAM and need your help. You will note that there are two major changes from the local rules we HAVE been using 1. 3-views are no longer essential for Peanut, and instead of totalling three flights you can have unlimited official flights, and total the best two. The reason for this is that peanut is supposed to be a fun event so we should encourage as much FLYING as possible, As it is now, if you have one bad flight you might as well pack it up, and even when your going well you only have THREE flights to fly... hardly enough flying for a FUN event hence the proposal to allow UNLIMITED official flights (This was first made by Bill Warner of Cal.) Let's have some opinions please.

ONLY TWO MORE MEETS!

MIAMI PEANUT SCALE RULES

1.Open to any scale model of a man-carrying, heavier than air ship of no more than 13 inch wing span. Since Peanut scale is an attempt to have an official Fun Event, these rules are intended to encourage a broad spectrum of aircraft types where standard scale documentation may be difficult or impossible to obtain. Models may be built from old kit plans, commercial plans, magazine plans, or home made plans drawn from old photos or sketches. Dimensions of the original plane are helpful, but 3-view drawings are required for maximum appearance points

2.Final Placing in contest is determined by contestant's place in two separate sections-- appearance and flying.

3. Flying section: Unlimited number of official flights. Total of two best flights count. Indoor peanuts should rise off ground.

4.Appearance section: "JUDGING CRITERIA" Will be used to determine best looking peanuts. At discretion of judges this may be done before or after flying.

5. Scoring: Contestants get place points according to their standing in both flying and appearance. Lowest overall totals determine final placing. Fly-off to break ties (which will be frequent).

Note: After a tie for appearance or flying, the next position gets points according to the number of contestants ahead of him.

Example 1. 1. Contestant A 187 sec. 1 flying point
2. Contestant B 177.5 sec 2 flying points
2. Contestant C 177.5 sec 2 flying points
4. Contestant D 168.2 sec 4 flying points

In postal contests participants submit their best two flight total time, and their appearance points from "Judging Criteria". Final placing can be determined from this data.

JUDGING CRITERIA FOR APPEARANCE POINTS:

A. Workmanship: Excellent 3
Good 2
Fair 1

B.Authentic coloring and markings:
Excellent 3
Good 2
Lax 1

C.Authentic details: Many 3
Some 2
Drawn on 1
None 0

D. Surfaces: Alldouble covered 3
Double wing,single tail 2
All sheet 1
Single surfaced 0

E. Type covering:
Color doped tissue- opaque so that framework doesn't show thru. 6
Clear doped colored tissue 5
Jap tissue 4
All sheet 3
Colored condenser or microlite 2
Uncolored condenser or microlite 0
Microfilm Minus 2

F. 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 etc. All other non-scale performance aids:
Minus two points each

JUDGING CRITERIA FOR APPEARANCE POINTS (CONT.)

G. Landing Gear: Scale length 3
Slightly enlarged 2
Greatly enlarged, or no photo, 3-view, or sketch of original plane 1
None or retracted 0

H. Dihedral: Scale . . . 3
Up to 6 degree increase . 1
More than 6 degree increase, or no photo, 3-view, or sketch ... 0

I. Stabilizer outline: Scale ... 3
Enlarged 1
Greatly enlarged OR NO 3-VIEWS ... 0

J. BONUS POINTS:

Aircraft Type- Low wing monoplane	1
Biplane	3
Triplane	5
Autogyro	7
Helicopter	9
Flying boat or floats	3
Scale number of ribs 2 per wing	
Scale number of stab ribs	1
Scale num. of rudder ribs	½
Hinged ailerons	1
Hinged rudder and elevator	1
Oval or round fuselage	1
Wheel pants or spats	1
3 dimentional pilot	1
Exposed radial engine	1

Note that only (A), (B), and (C) are arbitrary and have to be "Judged" . The contestant can easily figure the point value on the rest of his ship himself.

The above page and one half of rules, with slight modifications, is the way MIAMA has been judging and flying "scale" and "peanut"! In the past we have been totalling 3 official peanut flights to determine standings in the flying portion of the contest, but to get more flying into the event we are suggesting the change to the two best of Unlimited flights. In scale it is still the best of 4 flights as called for in AMA rules. It is hoped that these rules can be applied to both indoor and outdoor peanut contests , and perhaps June 30 would be a good time to test 'em out. At any rate: LETS HEAR FROM ALL YOU HANGAR PILOTS!

Here is the latest word on the Nats Schedule with two BIG changes from the previous announced one. (1) Apparently NO indoor scale at high ceiling site. (2) No indoor peanut scale.. it is scheduled outdoors. MIAMA's indoor NAVY SCALE EVENT will be held on WED., along with AMA SCALE.

OFFICIAL SCHEDULE, 1974 NATIONAL CONTEST

	SUNDAY AUG. 4	MONDAY AUG. 5	TUESDAY AUG. 6	WEDNESDAY AUG. 7	THURSDAY AUG. 8	FRIDAY AUG. 9	SATURDAY AUG. 10	SUNDAY AUG. 11	MONDAY AUG. 12	TUESDAY AUG. 13	WEDNESDAY AUG. 14	THURSDAY AUG. 15
FF FREE FLIGHT	INDOOR HIGH CEILING		INDOOR LOW CEILING		OUTDOOR							
	HL Glider	Stick Paper Stick Cabin FAI Stick	Stick Paper Stick Cabin FAI Stick Easy B*	HL Glider OUTDOOR A-2 Towline B Gas Payload*	1/2A Gas Wakefield Rubber A-1 Towline	Unlimited Rubber FAI Power Helicopter Cl. III*	C Gas HL Glider Coupe d'Hiver Cargo*	A Gas Rocket Power				
CL CONTROL LINE				Sr. Combat 1/2A Prof. Proto 1/2A Proto Jr. Stunt Dive Bomb & Strafing* Open Rat R.	Jr. Combat 1/2A Speed Sr. Stunt Op. Scale Racing Carrier I & II	FAI Combat Jet Speed Mouse Race Class II* Jr. Stunt Profile Carrier FAI Team R. C Speed	Open Combat B Speed B Proto Open Stunt Form. "40" Speed* Jr. Rat R. Sr. Rat R.	Op. Combat Finals A Speed Open Stunt FAI Speed Jr. & Sr. Scale R.	Slow Combat* J. Walker Flyoff			
RC RADIO CONTROL			Quarter Midget Pylon* Soaring	Quarter Midget Pylon* Soaring	FAI Pylon Form. I Pylon	FAI Pylon Form. I Pylon	Form. I Pylon		D Pattern Qual.	D Pattern Qual.	D Pattern Finals A & B Pattern	A & B Pattern D Pattern Finals
SC SCALE				Indoor AMA Scale (Low Ceiling) NAVY SCALE MIAMA		Outdoor Peanut Scale*	CL AMA Scale FF Gas Scale FF Rubber Scale	RC Sport Scale* CL Sport Scale*			RC AMA Scale	RC AMA Scale

*Means Provisional or Supplemental rule book event--not counted toward championship scoring

RESULTS OF CONTEST NUMBER SIX, SAT. MARCH 16...GOODYEAR BLIMP HANGER

CLASS 1 PEANUT SCALE THREE WAY TIE FOR FIRST
1. Bill Hiscock 5 Points (Shoestring 20.5) 1st looks 4th flight: 196.1 sec.
1. Gary MYERS 5 Points (New MO-1 17.5) 4th looks, 1st flight: 248.5 sec.
1. John Martin 5 Points (Luton Minor 19.5) 2 looks, 3rd flihjt: 230.5 sec.
4. Jim Stewart 6 Points (Taylor Cub 17.5) 4th looks, 2nd flight: 239.8 sec.
5. Dan Kilgore 8 Points (Pietenpol 19.3) 3rd looks, 5th flight: 85.0 sec.

CLASS II SCALE Junior: Charles Slater 08.4 Stinson Voyager
Open: 1. John Martin 2 points (1928 Cessna A) 24) 1 looks, 1 flight 1:33.0
2.Bill Hiscock 6 points (Shoestring 20.5) 2 looks, 4 flight 1:03.0
2.Gary Myers 6 points (New MO-1 17.5) 4 looks, 2 flight 1:19.7
4. Jim Stewart 7 points (Taylor Cub 17.5) 4 looks, 3 flight 1:17.0
5. Dan Kilgore 8 points (Pietenpol) 3 looks, 5 flight 25.0

CLASS LLL Easy B Junior: 1. Rick Myers: 4:25.0
2. Charles Slater 48.0
Open: 1. Gary Myers 9:42.0 * New record.
2. Jim Stewart 7:15.5 (28 official flights)

Class IV Penny Plane Junior: 1.Rick Myers 4:16
2. Charles Slater 38.4
Open: 1. Gary Myers 7:51.0* New record
2. Jim Stewart 7:15.5

Class V Endurance: 1. Roman Szymula 15:36.1 ** New record, and best indoor time recorded in Fla.
2. Alan Szabo 12:43.5-*also beat old record
3. Gary Myers 9:06.0

Class VI Glider: Junior: Rick myers (27.5) (29.1) 56.6 * New record
Open: 1.John Arthur (46.7)(48.4) 95.1
2. Jim Stewart(42.5)(41.2) 83.7
3. Ric Choate..Broke all three new gliders

Class VII Experimental: John Martin 1:38.4 Class VLLL Jr Kit: Bi Hiscock 6.5

Annual Points Standings of MIAMA Hangar Pilots

1. Gary Myers 96
2. John Martin 69
3. Jim Stewart 59
4. Bill Hiscock 31
5. Rick Myers (Jr) 29 35
6. Billy Hiscock (Jr) 18
7. John Arthur 18 19 24
8. Russ Dorsey 9
9. Roman Szymula 9 13
10. Fulton Hungerford 7 14
11. Ric Choate 8 12
12. Dan Kilgore 5 11
13. Chas. Slater (JR.) 5 7
14. Beth Davidow 4
15 Joel " 2
16. Julie " 2
17. Davis Gandees 2
18. Bert Bennett 2 13
19. Art Schaefer 2
20. Alan Szabo 2 5
21. John Arthur Jr. 1
22. Howard Heminger 0
23. Ernie Clark 3
24 Ken Wolfenger 7
25 Jon Whelan 12
26 Fred McCallum 6

NO NO NO NO NO NO NO NO NO

11/6/1974 flyer not entered in 75

[4]

ANNUAL STANDINGS BY CLASS AFTER SIX MEETS :

OPEN AGE GROUP

PEANUT SCALE CLASS :
1. John Martin 24 :
2. Gary Myers 21
3. Bill Hiscock 18
4. Jim Stewart 9
5. Fulton Hungerford 3
6. Dan Kilgore 3
7. Russ Dorsey 2
8. Davis Gandees 1
9. Bert Bennett 1
10. Art Schaefer

PENNY PLANE CLASS:
1. Gary Myers 15
2. Jim Stewart 9
3. John Martin 3

EXPERIMENTAL CLASS
1. John Martin 6
2. Gary Myers 2

Scale Class:
1. John Martin 27
2. Gary Myers 17
3. Bill Hiscock 13
4. Russ Dorsey 6
5. Jim Stewart 6
6. Fulton Hungerford 4
7. Dan Kilgore 2
8. Davis Gandees 1
9. Art Schaefer 1

ENDURANCE CLASS
1. Gary Myers 15
2. Jim Stewart 11
3. Roman Szymula 8
4. John Martin 3
5. Al Szabo 2
6. John Arthur 2

EZB CLASS
1. Jim Stewart 17
2. Gary Myers 15
3. John Martin 4
4. John Arthur 2
5. Roman Szymul 1
6. Russ Dorsey 1

Glider Class
1. John Arthur 4
2. Gary Myers 1
3. Ric Choate
4. Jim Stewart
5. John Martin

Junior Point Standing:

SCALE: 1. Billy Hiscock 4
2. Charles Slater 1

EZB 1. Rick Myers 7
2. Charles Slater 2

PENNY PLANE 1. Rick Myers 8
2. Charles Slater

GLIDER Rick Myers 4
2. John Arthur 1

JUNIOR KIT STICK
1. Billy Hiscock 14
2. Rick Myers 10
3. Beth Davidow 4
4. Julie Davidow 2
5. Joel Davidow 2