LATEST INDOOR NEWS!

ONE AND ONLY!

THE HANGAR PILOT

MIAMI, FLORIDA USA

INCREDIBLE ISSUE #54

APRIL (FOOL) 1979

THE MIAMI INDOOR AIRCRAFT MODEL ASSOC.

MIAMA

AMA CLUB 986

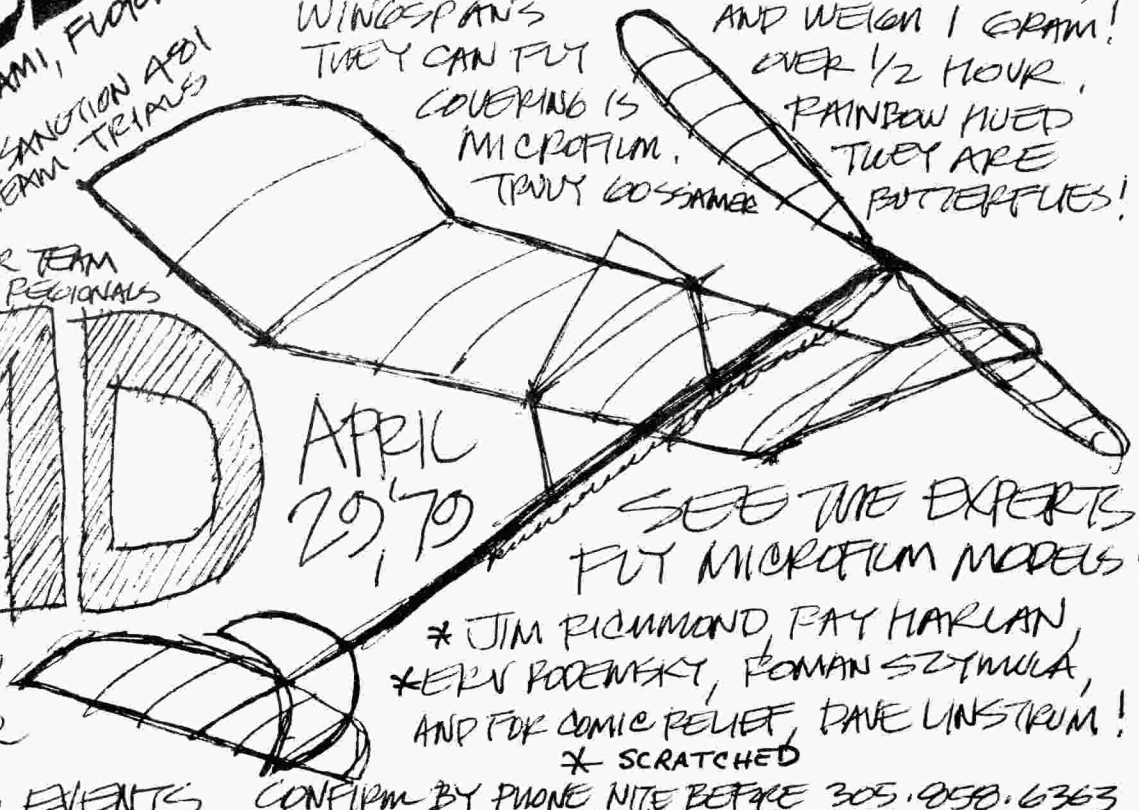
M.I.A.M.A.

WE FLY INDOORS IN THE SUNSHINE!

THE MOST ACTIVE ALL-INDOOR CLUB IN THE ACADEMY OF MODEL AERONAUTICS

AMA SANCTION 450 TEAM TRIALS

THESE MODELS HAVE 65CM (26") WINGSPANS AND WEIGH 1 GRAM! THEY CAN FLY OVER 1/2 HOUR. COVERING IS MICROFILM. TRULY GOSSAMER RAINBOW HUED THEY ARE BUTTERFLIES!



USA INDOOR TEAM SELECTION REGIONALS

FID

APRIL 29, '79

FAI CLASS INDOOR RUBBER

SEE THE EXPERTS FLY MICROFILM MODELS!

* JIM RICHMOND, PAT HARLAN,
* KEN ROSENSKY, ROMAN SZYMULA,
AND FOR COMIC RELIEF, DAVE LINSTRUM!

* SCRATCHED

COMING EVENTS CONFIRM BY PHONE NITE BEFORE 305.858.6363

THIS SUN APRIL 29 MEET 6

NOT. 9-5

SEE P. 2

① FLYING SCHEDULE : CONFIRM! CALL 305-858-6363

MEET 5: THIS SUNDAY NOT 9-5 SEE P. 2 FOR DETAILS
(LAST MEET MAY 27)

FINART : JUNE 21-24 DETAILS INSIDE

JUNE 3 OUTDOOR MEET F.I.U. CAMPUS

OCT 3-9 FREE FLIGHT W/C TAFT CAL.

THE HANGAR PILOT Is published 8 times a season by Miami Indoor Aircraft Model Association, AMA Club 986, the only active all indoor club in USA, and also the only indoor club publication. For $5.00 a year you will get all 8 publications, and for $10.00 a year you get both the PILOT, and a membership in MIAMA, providing you are already an AMA member. For $1,000,000 we will send you the Blimp, ready to be inflated. We currently sponsor 8 monthly indoor meets at which members earn points toward annual awards. We also have fly-ins for learning, comraderie, and low pressure fun. We have a youth committee of ERNIE CLARK, MIKE ARAK, and DAVE LINSTRUM et. al. who run Delta Dart, and associated tyro events to encourage young builders in developing indoor skills. MIAMA and NIMAS (National Indoor Model Airplane Society) co-sponsor the annual time trials in Northwood Institute in West Baden, Ind. We are indebted to the GOODYEAR TIRE & RUBBER CO. for letting us use their hangar at Opa Locka for our meets....So next time...BUY GOODYEAR!! MIAMA also sponsors the unofficial Manhattan event at the NATS each year, and has in the past sponsored both peanut scale, and Navy scale at the Nats since 1973.

EDITOR/PRES. John Martin ARTIST/ILLUSTRATOR/SECY Dave Linstrum
CHIEF SCRUTINEER Dan Kilgore ARCHIVEIST Terry Rimert
PROPERTIES & RETRIEVAL Jim Stewart PEANUTEER: CARL HEDLEY
Kindly send all comments, letters, contributions, and money to MIAMA, 3227 Darwin St. Coconut Grove, Miami, Fla 33133

MEET 5 - THE CROWDED SKY:

With two meets remaining the Florida indoor season has suddenly developed into a free for all. Meet number five saw more contestants competing in more events than any previous meets, and Jim Stewart, who was cruising along unchallanged toward the State indoor title suddenly finds himself pressed by Bill Smead. Bill made a 23 point leap from 4th place to 2nd by winning glider and coming in 2nd in Peanut, 3rd in easy B and paper stick, and 4th in penny. If the overall race is not exciting enough, just glance at the class standings. John Arthur and Bill Smead are tied in glider, Ron Sharpton and Jim Smead are tied in paper stick, Manhattan has a one point spread between Mrtin, Kilgore, and Everson, one point also separates Jeff Everson & Heather Arak in Jr. Penny. We remind all contestants that the time for meet number six is reduced considerably due to the FAI team trials scheduled in the morning of April 29th. Here is the Schedule:

SUNDAY APRIL 29th SOUTHEAST REGION FAI TEAM TRIALS 8:00 to 9:00, round 1, 9:00 to 10:00 round 2, 10:00 to 11 round 3, 11:00 to 12:00 round 4, 12:00 to 1:00 round 5, 1:00 to 2:00 last round.
MEET SIX STARTS AT 2:00 with glider and anything else you want to risk flying. Glider is over at 3:30, and the meet will be over at 6:30, so come ready to FLY. We are very undersubscribed on FAI pilots, so it MAY be possible to conduct some MEET *6 events earlier than the 2:00 start we have scheduled. CONFIRM ALL THESE DETAILS BY CALLING 305-858-6363 on SATURDAY NIGHT.

More notes on meet 5: Mike Arak had a beautiful Peanut Bristol M1-C, from Mooney plans, but unfortunately had no documentation. He has recently gotten an air compressor and air brush, resulting in some very beautiful finishes on his models. WE'll expect an article soon from Mike about these techniques. TERRY RIMERT had a plane for all events. He entered the Same Peck ROG in Dave's event, Penny, Paper Stick, and Easy B. Unfortunately it never managed more than 5 seconds.

DAVE HAGEN entered Penny Plane with a proxy entry all the way from Oregon. Roman Szymula said it never flew to its potential cause it kept hanging up in the rafters. Seems it was overpowered for this hot humid climate. Thanks for your plan we ran last issue, Dave.

* SCHEDULE FOR MEET 6

③ RESULTS OF MEET 5

MARCH 25 1979

PEANUT SCALE:

1. John Martin 4 points(Sperry/Jenny 22.5) 2 looks,2 flight 65.0
2. Bill Smead 7 Pts. (pietenpol 21.5) 4 looks, 3 flight 55.5
3. Carl Hedley 7 Pts. (Moustique 20.0) 6 looks, 1 flight 117.2
4. Jim Stewart 8 Pts. (Church 22.0) 3 looks, 5 flight 19.5
5. Scott Wilson 11 Pts.(Andreason 20.3)5 looks,6 flite 12.0
6. Mike Arak 11 Pts.(Bristol M 1-C 16.5)7 looks,4 flite 44.5
7. Carl Hedley (Widgeon 22.8) 1 looks, 1 flight

GLIDER:

1. Bill Smead 98.8 (50.0)(48.8)
2. John Arthur 93.5 (49.0)(44.5)
3. Ron Sharpton 76.5 (39.3)(37.2)
4. Jim Stewart 71.8 (37.0)(34.8)
5. Jimsmead 52.6 (28.8)(23.8)
6. Terry Rimert :05 ....

PENNY PLANE:

Roman Szymula 9:03
2. Dave Linstrum 6:33
3. Dave Hagen(Proxy Roman) 5:23.3
4. Bill Smead 3:40
5. Jim Stewart 3:27
6. Ron Sharpton 1:35
7. Terry Rimert :05

PAPER STICK:

1. Ron Sharpton 8:14.4
2. Jim Smead 4:57
3. Bill Smead 4:51
4. Jim Stewart 4:35
5. Roman Szymula 3:15
6. Terry Rimert :05

SCALE:

1. John Martin-Dornier Komet-70static,46.6 116.6
2. Dick Kelso-Stinson SR-6- 68.5 Static, 26.5 95.0

MANHATTAN:

1. Dan Kilgore 4:31.5
2. Walt Everson 3:29
3. Ron Sharpton 1:45
4. Ernie Clark

EASY B:

1. Ron Sharpton 8:23.6
2. Jim Smead 5:34
3. Bill Smead 4:51
4. Jim Stewart 4:09
5. Carl Hedley 3:42
6. Roman Szymula 1:52.4
7. Terry Rimert :05

HL STICK: Dave Linstrum 4:51

SPECIAL ONE DESIGN EVENT-PECK ROG
Awards and Goodies by Dave Linstrum

JUNIOR WINNER: JEFF EVERSON 2:01

1st. Ernie Clark 2:06
2nd John Martin 1:54.8
3rd Mike Arak 1:54.4
4th T. Rimert 96.9
5. W:Everson 81
6. C:Hedley 71.8
7. J. Smead 65
8 Bill Smead

THIS SUNDAY APRIL 29 MEET 6

NOT 9 TO 5! SEE PAGE 2 FOR SCHEDULE!

MIAMA ANNUAL POINTS

OVERALL POINT STANDINGS:

1. Jim Stewart	65
2. Bill Smead	51
3. John Martin	44
4. Ron Sharpton	41
4. Roman Szymula	41
6. Jim Smead	39
7. Carl Hedley	27
8. John Arthur	26
9. Mike Arak	20
10. Terry Rimert	16
11. Walt Everson	12
12. Jeff Everson(Jr.)	8
13. Dave Linstrum	7
14. Dick Kelso	7
15. Nick DeCarlis	7
16. Blaine Miller	5
17. Dan Kilgore	5
18. Dale Elder	5
19. Dave Hagen	5
20. Heather Arak(Jr.)	3
21. Nathan Miller	2
22. Lang Hiscock(Jr.)	2
23. Harry Grogan	2
24. Scott Willis	2
25. Charles Slater	2
26. Carl Linstrum(Jr.)	1
27. Kevin Smith	1

PAPER STICK:

1. Ron Sharpton	8
2. Jim Smead	8
3. Roman Szymula	4
4. Bill Smead	4

2 more.....

MANHATTAN CABIN:

1. Walt Everson	6
2. Dan Kilgore	5
3. John Martin	5

2 more .....

ANNUAL POINTS BY CLASS:

PEANUT:

1. John Martin	27
2. Jim Stewart	24
3. Carl Hedley	21
4. Bill Smead	15
5. Mike Arak	14

4 more.....

SCALE:

1. John Martin	12
2. Dick Kelso	4

4 more.....

GLIDER:

1. John Arthur	26
2. Bill Smead	26
3. Jim Smead	17
4. Jim Stewart	14
5. Terry Rimert	13

6 more.....

EASY B:

1. Roman Szymula	20
2. Jim Stewart	17
3. Ron Sharpton	13
4. Jim Smead	11

6 more .....

Penny Plane:

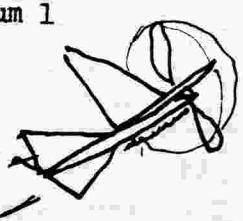
1. Roman Szymula	16
2. Jim Stewart	8
3. Ron Sharpton	6
4. Bill Smead	6
5. Dave Linstrum	6

3 more.....

HL STICK: 1. Roman Szymula 2
2. Dave Linstrum 1

JUNIR PENNY:

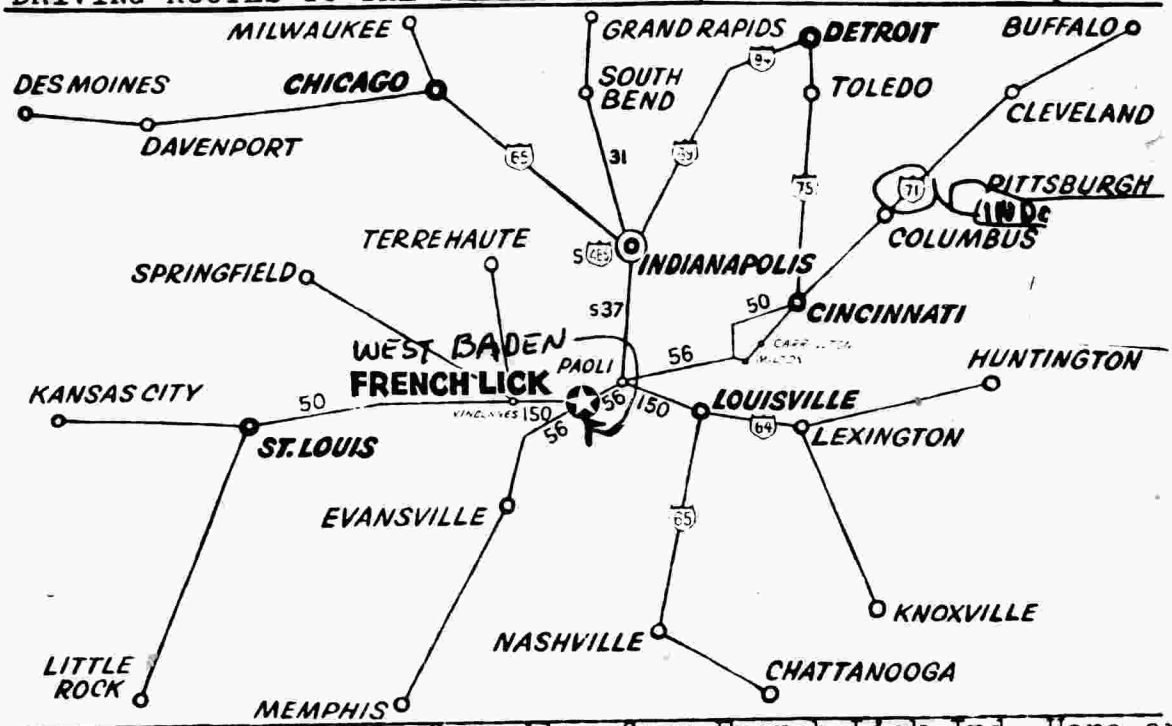
1. Jeff Everson	4
2. Heather Arak	3
3. Lang Hiscock	2
4. Carl Linstrum	1.



DELTA DART RESULTS MEETS

1. JOHN BROOKINS 42.0
2. HEATHER ARAK 35.0
3. CLIFF SHAW 29.0

DRIVING ROUTES TO THE FNART IN WEST BADEN/FRENCH LICK:



West Baden is just a few miles from French Lick, Ind. Here are the distances from the principle cities: Chicago 275 miles, Detroit, 397 miles, Cincinnati, 142 miles, Cleveland 390 miles, St. Louis 208 miles, Nashville 240 miles, Indianapolis 108 miles, Louisville airport (Nearest airport with car rental facilities) 68 miles.

FNART FLYING SCHEDULE - NOTE: ANY LIGHTWEIGHT AIRPLANES FLOWN THURSDAY CAN BE FLOWN FRIDAY FOR RECORD - NOT FOR INDEX - AT YOUR OWN RISK.

THURS JUNE 21	ALL DAY - 10 A.M. → ROG STICK PAPER STICK, ROG CABIN, HL STICK, FAI STICK ORNITHOPT., HELICOPT., AUTOGY.	12 TO 1 LUNCH	→ TO 9 PM. SAME AIRCRAFT AS A.M.	
FRI JUNE 22	8:00 TO 11:00 HL GLIDER TURN IN SCALE BEFORE 10:00	12 TO 1 LUNCH	11:00 → 7:00 PENNY, NOVICE PENNY EZB, MANHATTAN	8:00 AWARD BANQUET
SAT JUNE 23	8:00 TO 12:00 AMA SCALE + PEANUT	12 TO 2 LUNCH + SCALE AWARDS	NON CONTEST OPEN FLYING FOR RECORDS	
SUN JUNE 24	NON CONTEST RECORD FLYING			

THE FNART

4TH NIMAS ANNUAL RECORD TRIALS JUNE 21,22,23,24, '79

NORTHWOOD INSTITUTE ,WEST BADEN INDIANA 812-936-9971

By now the entire indoor fraternity has been well informed of this annual gathering of the National Indoor Model Airplane Society sponsored by Miami Indoor Aircraft Model Association. I'll spare you all the verbage about the first three meets except to say I'm glad I was there. The fun, the fellowship, the flying, and the memories are the finest.

THE NIMAS RECORD TRIALS: Every type of indoor model is flown and recognised. This is 15 classes (12 AMA and 3 provisional or unofficial). This is an AMA catagory II site and a FAI catagory III site. MIAMA will have the necessary forms for AMA records.Flyers planning to go for FAI records should come prepared with the proper forms.. consult your AMA rule book. Beautiful pewter mugs (Trophies) will be awarded from 1st to 10th overall based on Index of Performance. This index is how well the best flight your model makes compares with the national record. In addition to Index of Performance mugs there will also be trophies for Easy B, Manhattaan, Scale, and Peanut Scale. There are no limits on the number of classes you enter, and no limits on the number of flights you make. AMA rules apply to all classes except Manhattan. Peanut is flown to the MIAMA rules and can be built to 13" span, or a 9" overall length. Easy B includes the same restrictions as flown at the Nats.

NORTHWOOD INSTITUTE: The Atrium is a domed room 98' high and over 200' in diameter. The rooms surround the Atrium, and meals are served in the ajoining dining room.These are dormatory rooms in an old college and not plush or air-conditioned. There is plenty of activity for the entire family at nearby French Lick.

OFFICIAL FNART ENTRY- SUBMIT BY JUNE 3, 1979

NAME:_____ AMA No._____

STREET ADDRESS_____

CITY_____ STATE_____ ZIP_____

CLASSES I WILL ENTER:_____

NUMBER OF PERSONS IN MY PARTY_____ EXPECTED TIME/ARRIVAL_____

STAYING HOW MANY NIGHTS?_____: NUMBER ATTENDING BANQUET_____

TOTAL NUMBER OF BREAKFASTS WE WILL EAT_____

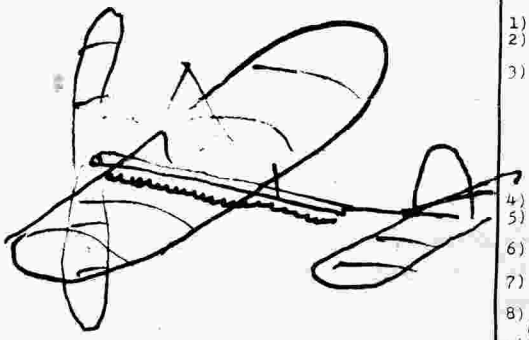
TOTAL LUNCHES_____ TOTAL DINNERS_____

TO FIGURE COSTS SEE OTHER SIDE TOTAL AMOUNT_____ (OVER)

WORKERS NEEDED: Even if you don't intend to enter you can still have a great time spectating, and making yourself useful with a stop watch. We need watches, and pocket computers, so don't leave yours at home.

AIR CONDITIONED MOTEL: Lane's Motel Box 224 French Lick 47432
1-812-936-9919
West Baden Springs Motor Inn. Box 38 West Baden 47469
1-812-936-9995

POSSIBLE CHANGE IN FLYING SCHEDULE: There is a possibility that Regional FAI team trials, now tentatively scheduled for Acron on July 14 and 15, may instead be held at the FNART. By May 15th plans will be definite. In the event that the trials will be at West Baden (Only a remote possibility)all entrants will be informed. There will be no major changes in the flying schedule for the NIMAS Trials..Thursday and Friday will be unchanged, and only Sat. and Sun. will be modified.



The OFFICIAL Manhattan Formula Rules

1) Airframe Weight, less rubber...minimum 4 grams.
2) Overall Length...20" maximum measured from front of prop bearing aft.
3) Fuselage: (a) Must support and enclose a single rubber motor. No motor sticks.
(b) Must include or excede a 'box' 2½" x 4" x 2".
(c) Must have a windshield of 2 sq. inches minimum area, plus a window on each side of 1 sq. inch minimum area covered with cellophane or similar transparent material.
4) Prop...All wood, direct drive, fixed pitch.
5) Wing...Monoplane with maximum projected span of 20" and maximum 4" chord. Wood bracing allowed.
6) Stab... Monostab with maximum projected span of 8" and maximum 3½" chord. Wood bracing allowed.
7) Landing Gear...Rigid and fixed with at least 2 wheels of 1" diameter. Must be able to support airplane.
8) Covering...Except for windshield and windows, only paper (condenser paper included) allowed. No film nor microlite.
9) Flying...All flights at least two point R.O.G. Best single flight counts of unlimited number of official flights (or of limited number of flights if desired).

FNART ENTRY:

SCHEDULE OF COSTS: PLEASE FIGURE THE NUMBER OF PEOPLE; THE NUMBER OF NIGHTS; TOTAL NUMBER OF BREAKFASTS,LUNCHES,DINNERS; BANQUEST ETC., ADD IT ALL UP AND SEND THE TOTAL AMOUNT TO THE CD BY CHECK OR MONEY ORDER: THIS IS AN HONOR SYSTEM IF YOU STAY LONGER; OR EAT MORE MEALS.

COSTS: BREAKFAST $2.50
LUNCH $2.50
DINNER $3.00
BUFFET AWARDS BANQUET $6.00
LODGING $6.00 per nite per person (includes linens)

ENTRY FEE FOURTH NIMAS ANNUAL R:T:
OPEN: $20.00
JR/SR:$10.00

SENT TO:
DR.John Martin
3227 Darwin St. Miami,Fla.
33133

MIAMI INDOOR AIRCRAFT MODELERS ASSOCIATION
GOES OUTDOORS!

(8)

DATE: JUNE 3, 1979 8;30 A.M. to 4:00 P.M.

PLACE: TAMIAMI PARK (Also known as Youth Fair Grounds, F.I.U. Campus

EVENTS: DELTA DART (Juniors Only)
PECK R.O.G.
HAND LAUNCH GLIDER
PEANUT SCALE
A.M.A. SCALE
EMBRYO

AWARDS: AMA RIBBONS + MERCHANDISE
ENTRY FEE: $1.00 PER EVENT
C.D. MIKE ARAK
10900 SW 61 CT
MIAMI FLA. 33156 (666-9479)

RULES: You must be an A.M.A. member (Applications available at contest)
All M.I.A.M.A. & A.M.A. Rules
Fuse Dethermalizers must have snuffer tubes
Peck R.O.G.: Build stock as kit or plans, any rubber
Embryo: Max. wing area - Mono 50 sq. inches
Bipe 70 sq. inches
Max. stab area - 50% of wing
Fuselage must enclose a space 1¼"x1½"x3"
Built up wing &stab (no plastics)
Minimum 3/4" diameter wheels

Bonus Points:
5 seconds for cabin or cockpit
3 seconds for 3-D wheelpants
1 second for 3-D exhaust pipes

1979 FREE FLIGHT WORLD CHAMPS - TAFT
OCT 3-9 3 CLASSES - POWER/WAKE/A-2
TIMERS NEEDED 50% DISCOUNT ON FEES

HORSES ORIFICES:

The most exciting news item in the Horses Orifices column is thatHangar Pilot has acquired a new typewriter and that it now might be possible to read your issue without tears coming to your eyes. Of course I will miss fighting the"A" key that would either double space or not space at all. The real fun is being able to correct my many typing mistakes without a bottle of white dope, a coarse eraser, or just ignoring it.

A note from TONY SUTTER in Corpus Christi points out the crowded Nats schedule on the day we are flying MANHATTAN as an unofficial event. He mentions that there are four other events that afternoon: Penny,EZB, Peanut, and AMA Scale. That IS crowding it in, and let me add that NFFS is also sponsoring THREE MORE unofficial events at that time: Autogyro, helicopter, and ornithopter. If you enter them all you will have time for about one flight per event. I suggest you come to the meet with your models fully trimmed. Better still, I suggest you plan to come to the FNART where you will have sufficient time to fly ALL TYPES of indoor models over a four day period so there will be no push, no sweat. TONY, I'm giving your pewter mug to TERRY RIMERT so he can personally award it to you and kiss you on both cheeks at the awards ceremony. - Tony also warns that there is a possibility of a poor attendance this year if the threatened "gas shortage" becomes a reality. Oh Oh!

Richard DOIG sends us his new address: 6 Canary Hill Dr. Pontiac,Mich. 48055, and comments that he will be at the FNART with many craft..DOn't forget your ROG this year,Rick.

STAN STOY will also be in West Baden looking for some Class II indoor records, particularly glider which is a very tough one to beat.

BRILLIANT IDEAS DEPT.: In the May issue of Model Builder is an article on "Intermission Demo Flying" by John Womack,Jr. It tells how a "Fun" club turned a lot of folks onto indoor by flying a demo team at half time during basketball games at Las Cruces, New Mexico. There,in a nice 60 foot high gym,they had a bunch of kids flying super sleek streeks for a 10 minute bit that went over very big, and was repeated several times. I think this is a GREAT idea for any community with a basketball team, (Are there any without?), and a group of modelers who want to get indoor activity started in the cold winter days when flying otherwise ceases.

ANOTHER BRILLIANT IDEA FOR INDOOR: Here is your chance to have a FIRST. Merely approach your local YMCA for permission to stage an indoor, Lake Elsinore type R:O:W: meet at their indoor pool. There is usually about a 20 to 25 foot ceiling there. The events could be both LOW (Land on water after a hand launch) and ROW (Rise off water). For a special event you could have a float equipped Delta Dart, or Peck ROG(W). We would like to have an event like this here in Miami, but there isn't an indoor pool in the county!!

ACADAMY AWARDS DEPT.: If there ever were Oscars for the nation's finest club newsletters , my three nominations woulbe FLYING ACES ,Ed. by Dave Stott, CROSSWINDS,Ed. by Dennis Norman,& FLIGHTMASTERS NEWS & VIEWS, Ed. byBill Warner. With this new typewriter maybe we,ll get some writing.

HORSES - CONT. BOTTOM P. 10

WHITHER MIAMA ??

THIS QUESTIONNAIRE WILL HELP YOU DECIDE IF YOUR CLUB IS GOING TO HELL: MIAMA does an agonizing reappraisal on some burning questions about club activity.

Q. After 8 years, are we still a "Fun" club? Answer: I'm not too sure, I haven't seen any whoopie cushions or joy buzzers lately.

Q. Do we have enough meetings? A. One a year may be overdoing it.

Q. Do we have a "Junior problem"? A. No, if the little bums don't want to fly toy airplanes, to hell with them.

Q. Is our club getting too technical and too competetive?
A. Don't make me laugh, take a look at those lousey flight times in the contest results.;

Q. Are you doing all you can to support MIAMA? A. The old GUILT trip will get you every time.

Q. Is inflation hurting? A. My last EZB cost as much as my first R/C job.

Q. Should we raise our dues? A. Let's blow everyones mind and lower 'em.
We hope all this reassures you that the club is in good health, operating on a sound basis, and will probably go on forever even if the commies take over, gas is rationed, or the depression returns.

HORSES - CONTINUED

BOB PECK of Peck Polymers writes that he was impressed wth Ernie Clark's times he was getting with the little Peck ROG. Seems that Ernie improved on Bob's best times. Jeff Everson aws doing almost as well with times over a minute.

NICK DECARLIS sent 3-views of his new embryo endurance model, the "Hyperwind". This concept is a scale like combo of Tailwind and Hyperbipe complete with retracts, fuel filler cap, sprung tail wheel , and a 3 bladed prop. Looks like right out of an EAA fly-in. Nick is very busy being Joe College these days and has very little time for kid games, but he does speak of the new Gainesville Community College gym as a site for a local indoor meet he's planning to CD. Let us know the date, Mike.

JIM MILLER (827 Yorkhaven Rd. Cincinnati OH 45240) took time to write a 2 page letter with news of his group that flies in the 105' Cincinnati Union Terminal Building. They fly a lot of Manhattan and scale and the heavier indoor models due to the murderous drift in the building. Like me he built a Davis DA-2A that won't fly. How come Clarence Mather can do 2 minutes with his?