
INDOOR WEEK - JUNE
WEST BADEN AGAIN
IN 1984!!!
YES!
THE HANGAR PILOT
ISSUE 35
NOV. 1983
E. MILLARD WELLS
INDOOR WEEK 3 MEETS
THE MIAMI INDOOR AIRCRAFT
MIAMA
MODEL MEET



THE HANGAR PILOT

Is published 8 (or 9) times a season for a bunch of middle aged guys who refuse to grow up. MIAMA (Miami Indoor Aircraft Model Association,) AMA Club 986, is the only active all indoor free flight club in AMA. Our Mottos: "It must be fun.", and "Indoor isn't for everyone." For $10.00 a year you will receive all copies. We solicit your contributions since we are always running out of material. Letters, plans, 3-views, articles, gripes, and Money to: Dr. John Martin Pres./Editor. 2180 Tigertail Ave. Miami, Fla. 33133 USA Phone: 305-858-6363 We want to hear from you!!! Send material!!!

INDOOR FLYING & OTHER FREE FLIGHT

The cover story, and several articles in this issue tells us that West Baden is BACK. Details are hazy at this point, but the big picture is that indoor week 1984 will be the week following Father's Day. Room rates, and cost of meals, etc. are yet to be announced. We hope NFFS will continue to hold the U:S: INDOOR CHAMPS. In any event ENART, and the Fifth 24 Hour World Indoor Peanut Grand Prix are Go, Go, Go!! Start building that super indoor job that will murder the competition.

☆ NOVEMBER 20 Fly In Blimp Hangar, Opa-Locka 9 to 5 CONFIRMED

☆ NOV. 26 & 27 Indoor Contest 2. INTERNATIONAL MINERALS & CHEMICAL Plant at New Wales. This will be the biggest and best indoor meet ever held in Florida.! CD's are Dave Linstrum and Mike Arak. IMC is going all out to be a gratious host, providing the beautiful 67' high facility, and also LUNCHEON both Sat., and Sun. The flying site is open 9 to 5 both days. Official flying is Sat.: Noon to 5, and Sun.: 9 to 2. The big finalle will be the FLYING ACES mass launch peanut event for World War II airplanes to be held One PM on Sun., Dean McGinnes Sponsor. We hope to have good press coverage, and maybe even a local TV spot for all you hams. Before and after the meet for triming, and flying any indoor model. Local MIAMA headquarters is nearby Bartow, DAVIS BROS. MOTEL 813-533-0711 . For any other information call Doc. 305-858-6363

← FIRM AMA MEMBERS ONLY

☆ DEC 11: MILLARD WELLS MEET FOR THE FILMORE TROPHY - CORAL SHORES SCHOOL MILE MARKER 90, KEYS 9:00 PISTACHIO + ROW EVENTS ← FIRM

1 DAY MEMBERSHIP AVAILABLE AT SITE

☆ DEC 17 - ERNIE CLARKS ANNUAL MIAMA CHRISTMAS PARTY - SEE ANNOUNCEMENT

RESULTS, MEET 1, OPA LOCKA OCT 23 1983

PEANUT SCALE EVENT:

1.Dave Kiefer	6 Points	(Triplane 39.5) 1 Static, 5 flight	(27.0)(25.0)
2.Lubomir Koutny	6 Pts.	(Kingfisher 29.5) 2 Stat.,4 Fly	(27.1)(25.2)XXX
3.John Martin	6 Pts.	(Nakajima 90 bipe.23.0) 3 Stat.,3 Fly	(30.2)(28.7)
4.Millard Wells	7 Pts.	(Vagabond 24.3) 5 Stat.,2 Fly	(51.5)(53.9)
5.Walt Everson	7 Pts.	(Found 20.0) 6 Stat.,1 Fly	(1:04)(1:02)
X John Martin	10 Pts.	(Kalinan 26.3) 4 Stat.,6 Fly	(35.5)...
X Walt Everson	14 Pts	(Found Pistach. 15.5) 7 Stat.,7 Fly	(26.0)...

KIT/PLAN EVENT:

1. John Martin	Curt. Robin	79 Stat. Fly	(79.0)(80.0)
2.Dave Kiefer	Ganagobie(Peck)	90 Stat.,Fly	(35.6)(39.3)
3.Millard Wells	Aeron	87 Stat.,Fly	(37.8)(39.0)

EASY B EVENT:

1.Jim Stewart	7:46
2.Dave Linstrum	6:21
3.Dave Kiefer	5:17
4.Millard Wells	4:05
5.Walt Everson	2:43

MANHATTAN/BOSTONIAN

1.Walt Everson	3:31
2.Millard Wells	3:13

HL Glider Event:

1.Don Bal	(50.0)(57.7)
2.Mike Arak	(33.3)(32.5)
3.J. Stewart	(23.3)(20.8)

JR: 1.David Bal (22.4)(23.1)
2.Steve Bal (13.1)(13.0)

"A" R.O.G.: 1. KIEFER 2:45
2. LINSTRUM 2:10
3. MARTIN :38
4 EVERSON :34

XXX Proxy flown by Martin from Czechoslovokia, Brno.

Some observations on meet one..... AMAZING!! Just when we had written off the blimp hangar once and for all along comes a phone call with the news that Eagle Army/Navy Stores had dropped their month to month lease, and the wild architect plans to remodel the place had no funds!! So, until further notice all flying dates that were scheduled for Miami Dade South College will be held at the good old blimp hangar in Opa Locka.!! This 69 foot site looked better than ever, but did leak a bit during the downpour on Oct. 23 1983 at our first meet there. How lucky can we get?

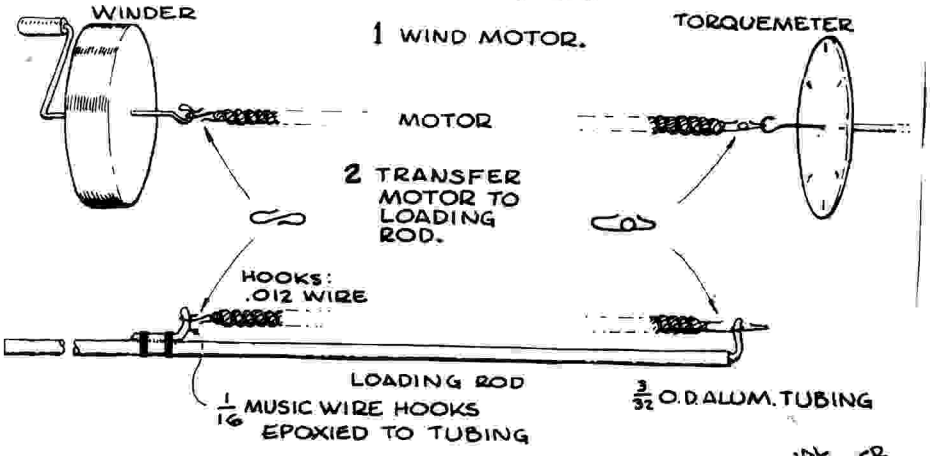
Even with this good news as a stimulus, the same old gang showed up for the meet as you can see from the above results. We are hoping that the two flying sites, both about 70 feet high will inspire some of you hangar pilots who have not seen their name in print to enter the meets. Also we encourage you out of state MIAMA members to send in an entry to be proxy flown as has Mr. Koutny of Czechoslovakia.

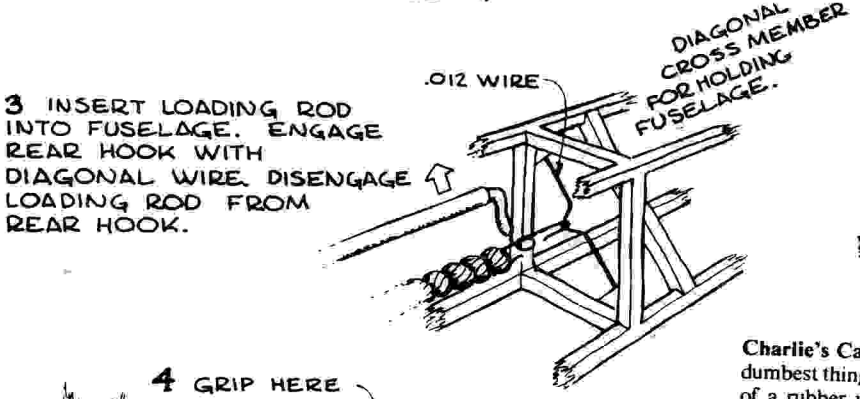
Kit/Plan, when flown indoors will place great emphasis on endurance (Flying is 2/3 of total score) so we predict the light weight, long flying scale models will predominate. At West Baden the Micro-X scale kits won 1st and 2nd. Doc Martin's rather shabby and well flown (Aren't all of his models?) Curtiss Robin from a 1930 indoor plan scored only 79 in static but put up flights of well over a minute to win the inaugural Kit/Plan event easily.

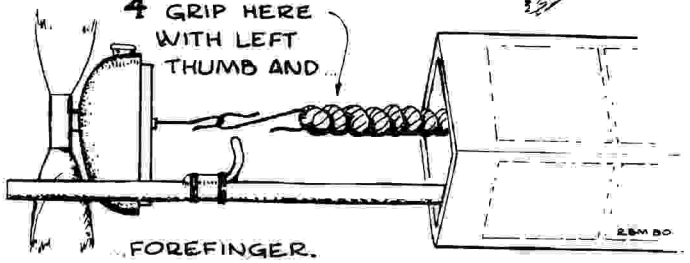
O.K. you guys..The next event is a fly in at Opa Locka on Nov. 20, 9 to 5, followed by our really big shoe in Lakeland (Bartow)on Nov. 26/27

SOME FINE INDOOR P-NUT WINDING TIPS

charlie's caper





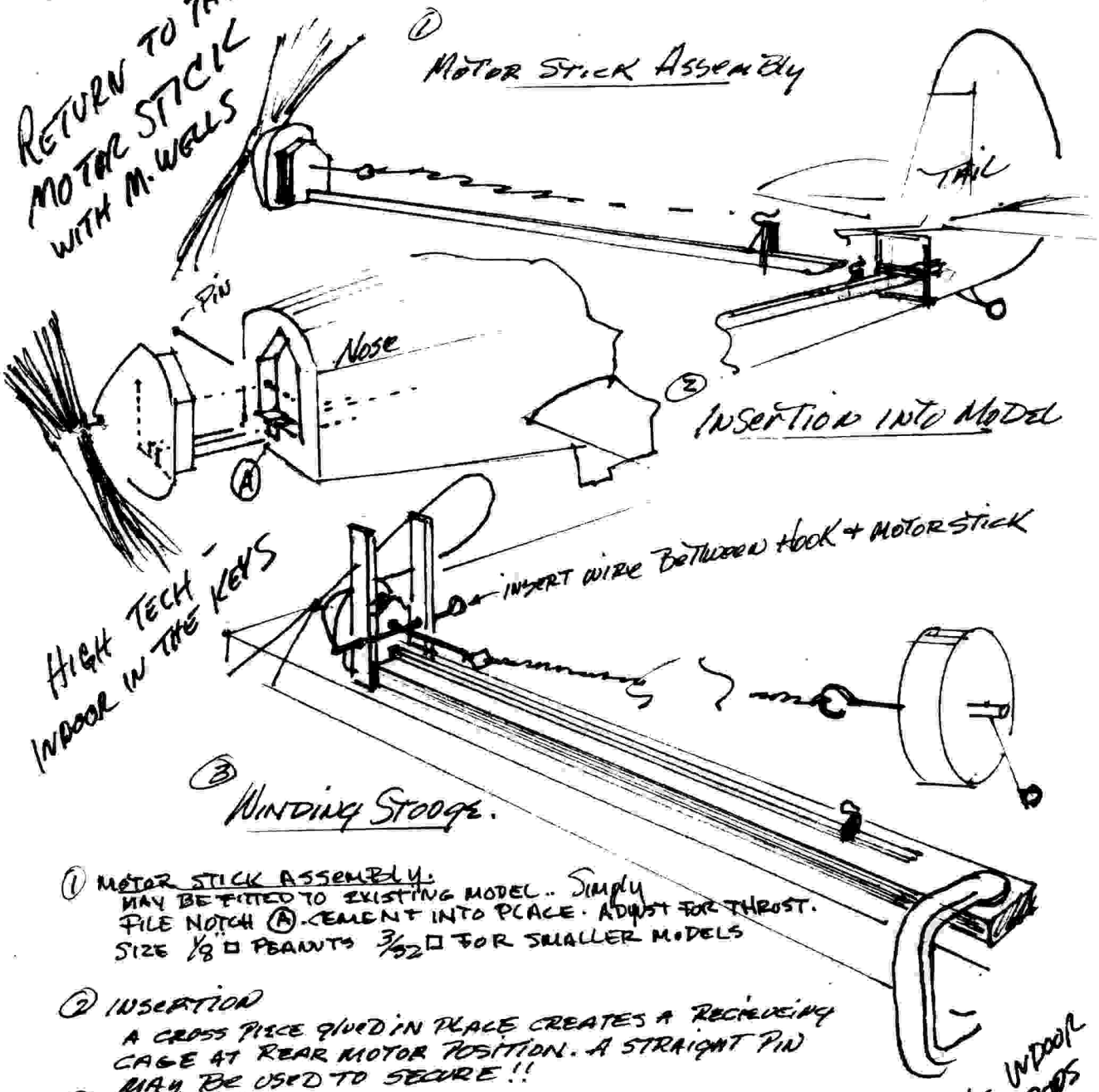


FROM BOB MEUSER'S COLUMN - JUNE 1980 MODEL AVIATION

Charlie's Caper: It seems to me that about the dumbest thing going in FF is having the breaking of a rubber motor destroy a model, especially when simple preventive measures are available. One solution is to make the fuselage explosion-proof, which is an acceptable solution if you can stand the weight penalty. A second solution is the use of a winding tube, which has become the universally accepted solution for big Outdoor rubber-power models. (An adaptation of this technique to Peanut Scale models was presented in this column in the March 1977 issue.) Indoor Cabin-class fliers (both of them!) have developed sneaky ways of winding the motor outside the fuselage, then transferring the wound motor to the model. The scheme presented here is an adaptation of the Indoor Cabin technique to Peanut Scale models, developed by Aeronut Charlie Sotich, and used on his Model-of-the-Year award winning Volksplane.

The sketches tell the story. The last step suggests that if God had intended for man to fly Peanut Scale, He would have given him three hands. In that last step, the front of the fuselage is supported by the three otherwise unoccupied fingers of the left hand, against the tension of the motor, while all the disengaging and re-engaging is going on. I think you really have to try it your-

RETURN TO THE MOTOR STICK WITH M. WELLS



HIGH TECH INDOOR IN THE KEYS

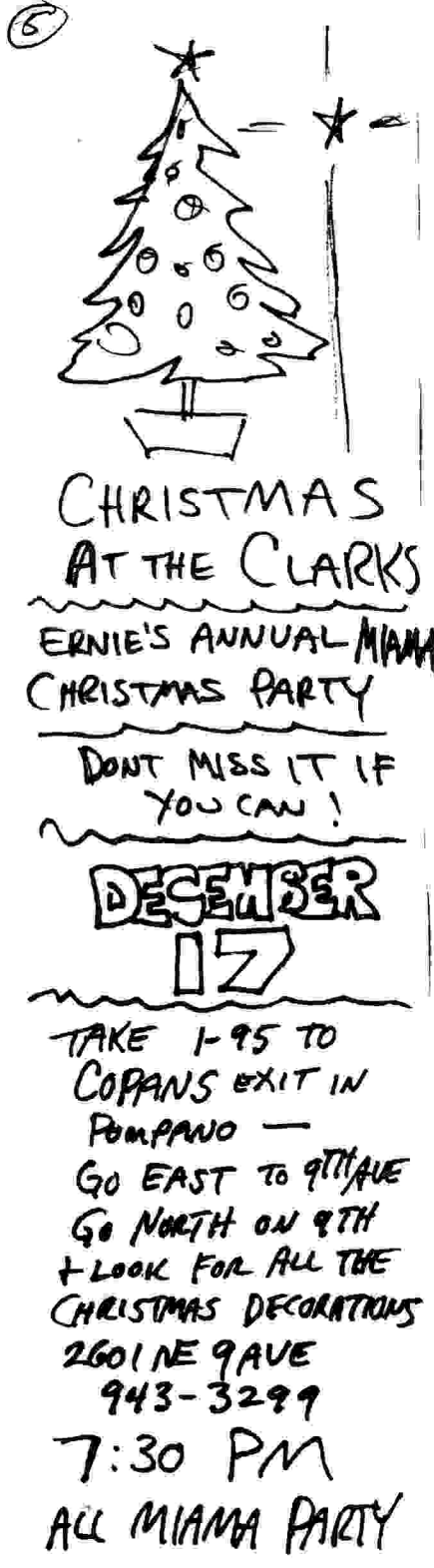
① MOTOR STICK ASSEMBLY:
MAY BE FITTED TO EXISTING MODEL.. SIMPLY FILE NOTCH (A) CEMENT INTO PLACE. ADJUST FOR THROST. SIZE 1/8 □ PEANUTS 3/32 □ FOR SMALLER MODELS

② INSERTION
A CROSS PIECE GLUED IN PLACE CREATES A RECIEVING CAGE AT REAR MOTOR POSITION. A STRAIGHT PIN MAY BE USED TO SECURE!!

③ WINDING
FEARLESS WINDING → MAY NOW PROCEED
YOOR MODEL SITS SAFELY NEAR BY

HAPPY FLYIN
MILLARD WELLS

NEXT MONTH- INDOOR SINGLE BLADE PROPS



By MARY O'DOHERTY
For the Associated Press

WEST BADEN SPRINGS, Ind. — The new owner of the 88-year-old West Baden Springs Hotel, a resort that looks like it's out of the pages of "The Great Gatsby," wants to repeat a legend.

Renovation work on the hotel will start in three months and should be completely finished in eight months, owner H. Eugene MacDonald said. "Legend says the hotel was built in 200 days," he said. "I ought to be able to remodel it in 200 days."

The 700-room hotel, famous for its huge dome, is pretty much intact. After its days as a World War I hospital, a seminary and, more recently, a college, MacDonald is returning the hotel to its original purpose.

MacDonald officially began leasing the property last week from its previous tenant, the Northwood Institute of Michigan. He says he will spend $8 million on the renovation.

Despite MacDonald's best efforts to restore the famous hotel to the grandeur of its heyday, something will be missing.

MacDonald estimates $1 million in marble baths is gone from the facility, which is listed on the National Register of Historic Places and was owned until 1964 by a group of Jesuit priests.

"Maybe the Jesuits thought they (the bathroom fixtures) were just too tempting," MacDonald said.

The decision to lease the hotel was an easy one for MacDonald. He grew up in West Baden and worked in the neighboring French Lick Springs Hotel.

After graduating from Michigan State University, he worked at the Grand Hotel on Mackinac Island and later managed the New York Statler and Hollywood Plaza Hotel.

He was interested in buying or leasing a hotel when the West Baden popped up on the market unexpectedly," he said. "It fit my needs perfectly and it just happened to be in my hometown."

The six-floor hotel was built in 1901-02 and is known for its great inner court, covered by a dome 150 feet above the ground and 200 feet in diameter.

"It was the Las Vegas of its day," MacDonald said of the once-great gambling and entertainment center. Before it was closed down during the Depression, the hotel also boasted an opera house, gambling casino, a covered two-deck bicycle and pony track and several hot springs.

The hotel was sold for $1 to the Society of Jesus in 1934 and was a Jesuit seminary until 1964. A few years later, it was donated to the Northwood Institute.

In addition to removing most of the baths, the Jesuits also covered many of the natural hot springs that flow on the hotel's 250 acres.

Officials of Northwood Institute, which operated a private hotel and restaurant management school, announced last year that they would sell or lease the building because it had become too expensive to operate.

MacDonald says he will tap some of the springs, build a spa, swimming pool, running track and biking track. He says installing air conditioning is one of the few structural problems he must worry about.

The famous court beneath the dome is full of vacant shop fronts, but MacDonald says he already has rented eight of them to businesses. Above the shops are hotel rooms with french windows that look on the mosaic-tiled court.

In the meantime, the hotel will not be idle. MacDonald plans to open it as a "wellness institute" for corporations. The institute, which he hopes will be open by Jan. 1,

Old resort hotel to repeat legend



HOTEL REVIVIAL — Eugene MacDonald, a former hotel/restaurant developer, is leasing the West Baden Springs Hotel, West Baden, Ind., once considered to be the world's eighth wonder because its domed structure was the world's largest. AP

812-936-4206.

ed in improving job performance and would offer courses in stress management, MacDonald said.

Donald Tallman, vice president of administration for the Northwood Institute and the man who arranged the leasing agreement, said hes received at least 30 inquiries about the property after he decided to lease it.

"We didn't even advertise the place or list it with Realtors, but the offers poured in," he said. MacDonald had to assure Tallman that he would not drastically change the

"We were looking for people who had a certain amount of integrity," Tallman said. "The fact that he wanted to renovate the hotel and turn it into a resort was considered highly."

MacDonald says now that the deal is complete and planning is starting, he has to keep remindin himself not to fall too deeply in lov with the place.

"One of my mentors advised m in my early years not to fall in lov with them," he said. "But I don know how I won't. It has intrigu durability. It will be here 100 yea

Thanks, Charlie Sotich!

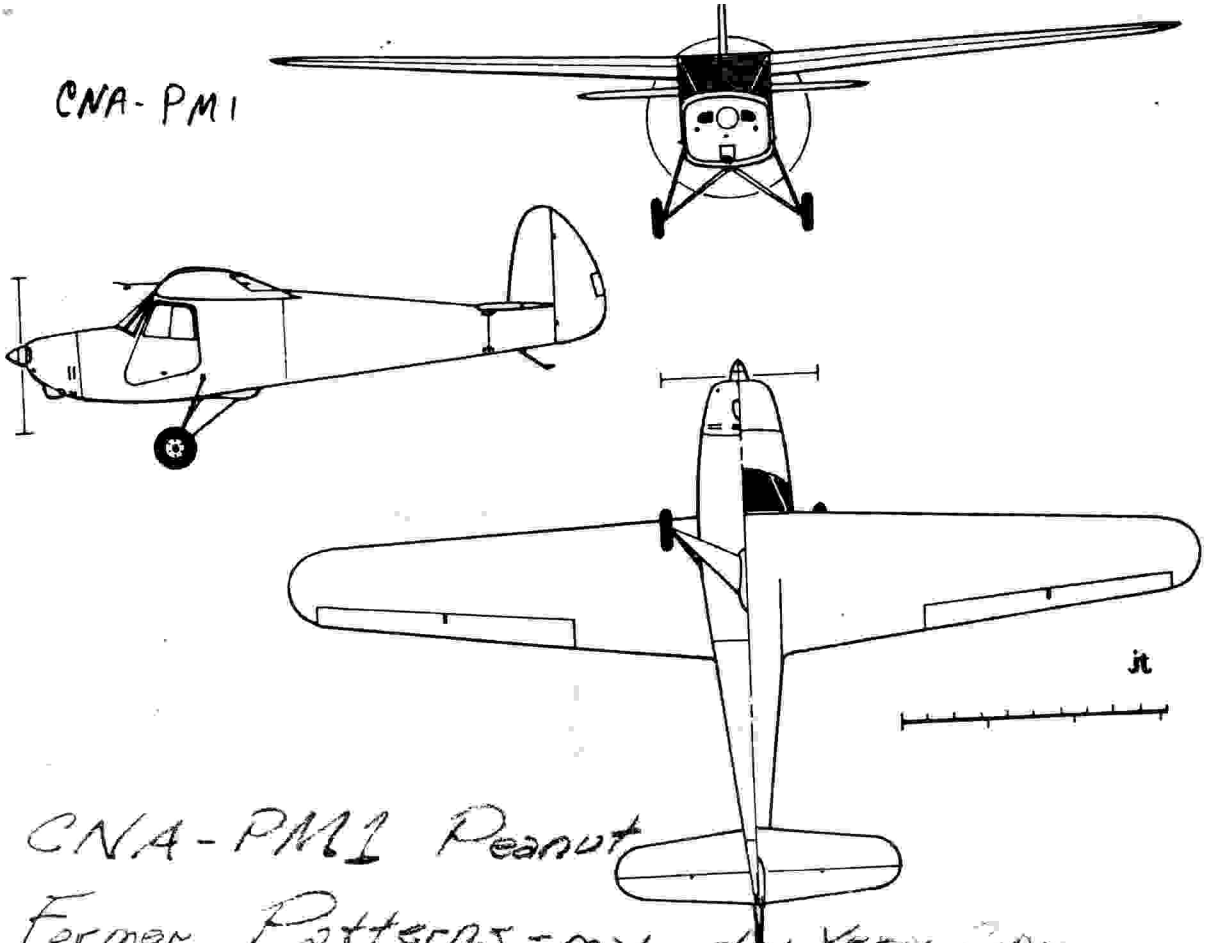
THE BEST INDOOR MEET EVER HELD IN FLORIDA — INTERNAT. MINERALS & CHEMICAL NEW WALES PLANT NOV 26 + 27 9 TO 5, SAT + SUN.

CALL 305-858-6363 FOR INSTRUCTIONS OR LOCAL DIRECTIONS: ELLIS OGLESBY — 813-646-8375 (OUR MAN IN BARTOW)

MIAMA HQ — DAVIS BROS. MOTEL 813-533-0711

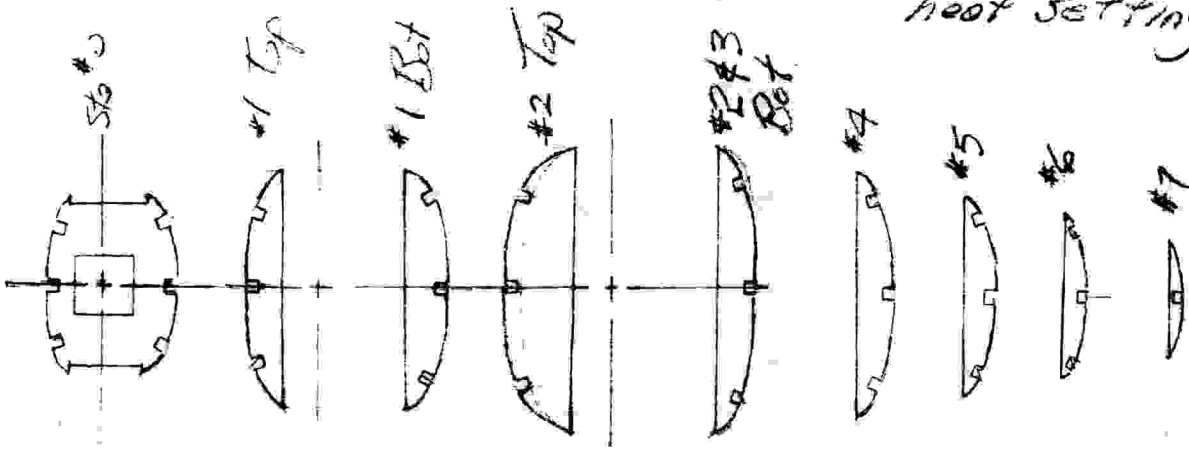
SUNDAY 1 PM — WW II PEANUT MASS LAUNCH

CNA-PM1



CNA-PM1 Peanut

Former Patterns - make 2 by Xerox - 150%
Put face down on wood stock & Iron (low heat setting)



MORE ON PISTACHIO

THIS IS AN EARLY COLUMN FROM HANNAN'S HANGAR, MOD. BLD. OCT. 1977

SUB-MINIATURE FLYING SCALE MODELS

We have mentioned on several occasions the smaller-than-Peanuts aircraft being flown by Bill Watson, Doug and Walt Mooney, and Chuck Conover. However, we had rather forgotten that the late Howard McEntee had also devoted considerable study to such models, and a brief summary of his efforts was published during 1953, evidently in Air Trails, or whatever its title was at that time. Dave Gibson was kind enough to forward a copy of the article for our examination. Some of Howard's conclusions are food for thought: The lowest practical minimum (size) turned out to be around 8 inches. We found this fascinating, since our "Escondido Mosquito" of some years vintage, measured very nearly 8 inch span, as do Gibson's current "Grapenut" scale models. McEntee continues: "The idea, of course, is to make a flying scale job with as few departures as possible. Thus, when someone sees the model there should be not the slightest doubt in their minds as to what the little baby represents."

McEntee favored the all-sheet balsa construction over the stick and tissue approach, pointing out the ease of repair advantages and possible greater resistance to warps.

To this old Hannan's Hangar column we add some other names of pioneer pistachio pilots: Mr. Joseph Wherry (Air Trails 1947), Warren Shipp, autogiro (Hangar Pilot 1982), and here's to all who should get credit, but don't!

We have received letters from readers who are only mildly interested in peanuts, but who are on fire with the challenge of these tiny scale models.

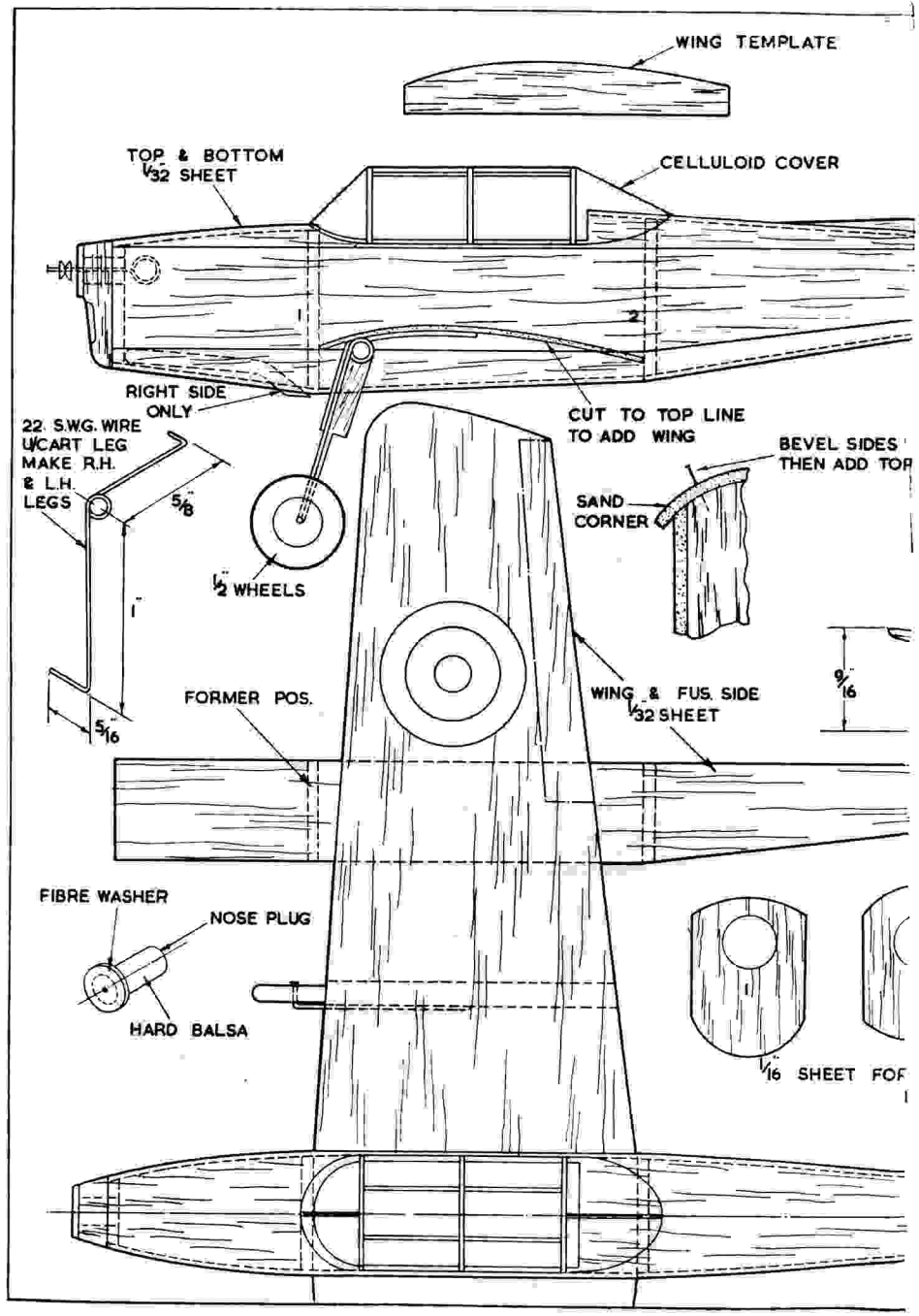
In FLYING ACES club publication, the Glue Guru(Leon Bennett and his super jumbo rubber scale Moth Minor) explains the credo behind the desire to build huge rubber scale models as follows: "How to convince the world (we are) simple and strong?" "Obvious, design and fly the world's largest rubber scale model!"(Leon's is the biggest so far!)

In rebuttal let me (The Swamp Fox) say: "How to prove to the world we are humble, loveable, and fun loving? Obvious- build and fly the world's smallest rubber scale model!" Take that ,Leon, we'll see who is more worthy! Besides, our way is cheaper. Deny THAT, Mr. Jumbo.

At Millard Wells' meet in the Keys on Dec. 11th, and in our monthly meets where we combine pistachio with peanut, and at the big proxy pistachio world meet on May 14, 1984 we will promote and press forward the cause of these tiny planes. Send us any encouragement, plans, etc. Elsewhere in this issue is the announcement of the first world meet. We hope to have this publicised in all the model publications in the world (Yes, USSR!). All model publications, and club bulletins are asked to copy ,.. THANKS THANKS, Thanks for the publicity!!!

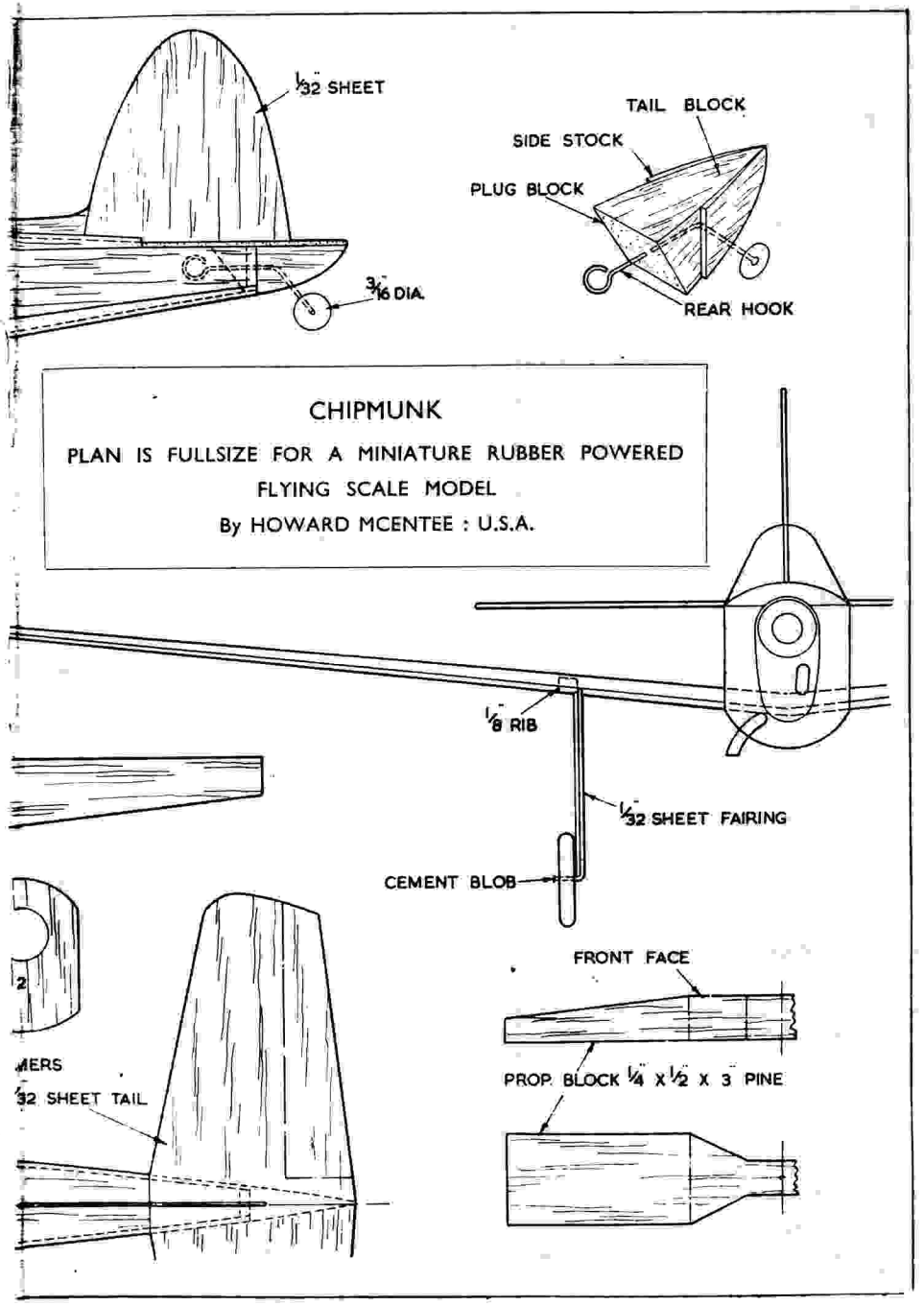
S. Fox

PISTACHIO - EITHER 6" SPAN, OR 6" OVERALL LENGTH — OR LESS —



1953 YEARBOOK

MYSTERY SHIP'
HOWARD MCENTEE'S EARLY RETRACTO
WT?
POWER?
DURATION?
RESULTS, PLEASE?



12

BUILD A PISTACHIO + ANY KIND OF A RISE OFF WATER MODEL FOR THE FILMORE TROPHY
CORAL SHORES SCHOOL DEC 11 - MILLARD WELLS - MILLER MARKER 90, KEYS.

Evansville Courier OCT 83

West Baden's wonder becoming resort again

Gene MacDonald 812-936-4206

WEST BADEN SPRINGS, Ind. (AP) — Something is missing from the famous West Baden Springs Hotel, the 80-year-old domed facility H. Eugene MacDonald wants to return to its previous grandeur.

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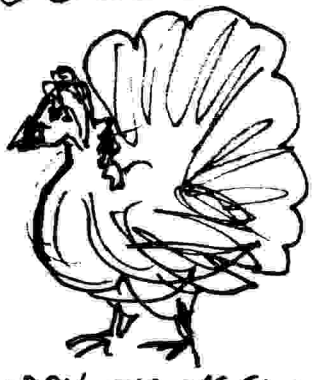
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Work will start in three months and should be completely finished in eight months, MacDonald said.

Thanx KEN WILSON! BACK HOME AGAIN - IN INDIANA



HAPPY THANKSGIVING

MORE INDOOR + FREE FLIGHT DATES:

Dec 31 1983, Jan 1-2,1984-Whitehouse Naval Auxiliary Field, Jacksonville, FL 30th Annual King Orange International. AAA CL & FF, CD Shirley Campbell 1785 64th Terrace S. West Palm Beach, FL 33406 1-305-968-1045

Feb 18-19, 1984 Jacksonville FL Carrier Bash

July 7-8, 1984 Melbourne FL Florida State Championships AAA CL & FFCD Joe Mead

Aug 4-11, 1984 Reno Nevada- AAAA National Miniature Aircraft Championships

JAN 15 - FLY IN - OPA LOCKA BLIMP HANGAR

JAN 21/22 CONTEST 3 - (SEMI-CONFIRMED?) LAKELAND FLA. INTERNATIONAL MINERALS+CHEMICAL

FEB 26 CONTEST 4 - OPA LOCKA BLIMP HANGAR

MARCH 18 FLY-IN - " " " "

MARCH 25- SUN+FUN CONTEST #5 LAKELAND

APRIL 15 CONTEST #6 OPA LOCKA BLIMP HANGAR

MAY 13TH - FIRST WORLD INTER-GNATS

(14)



PISTACHIO PROXY MEET

MAY 13 1984 - SEND INQUIRIES TO DR JOHN MARTIN 2180 TIGERTAIL AVE, MIAMI FLA. 33133, USA. RULES, PROXY INSTRUCTIONS, ETC.

Get building, hangar pilots for the first ever world champs for the smallest scale models in the world. They are easy to send through the mail, and because of their small size, are cheap to mail, and durable in transit.

Here are the classes and awards:

PISTACHIO - MAX: 8" SPAN, OR 6" OVERALL LENGTH

I Under two (2) grams.
II Two(2) to Three and one half (3 1/2) grams.
III Over Three and one half (3 1/2) grams.

Also most distant, most unusual, best static score, highest flight time, Lacey/Fike class, and a special award for the smallest model to achieve a 30 SECOND FLIGHT.

Bostonian Rules: 1. Maximum projected wiggspan(s) 16". 2. Maximum wing chord(s) 3". 3. Maximum propeller diameter 6". 4. Power limited to one or more rubber motors. * 5. Minimum weight without rubber motor(s) is 7 grams. 6. Maximum overall length is 14" measured from the front of the propeller bearing. 7. Fuselage must contain a theoretical "box" measuring 1 1/2" X 2 1/2 X 3" or larger, the longerons of which must both support the motor(s) and form, or exceed, the box requirement. No motor stick allowed. The fuselage must have a forward windshield and a window on each side, each of which must equal or exceed 1 square inch. 8. Landing gear must be fixed, with two or more minimum diameter 3/4" wheels, and rigid enough to support the model to a hand glided landing. 9. ROG take offs are required on all official flights. 10. Charisma Factor: The judge rates each model on how the model appeals to him, based on construction neatness, scale/like details, uniqueness of design, etc. A 1.0 to 1.2 rating is used. Two or more models may be given the same rating. The models are not rated against each other, but against the 1.0 to 1.2 scale. 11. An unlimited number of official flights are allowed, with the total in full seconds of the best two flights multiplied by the Charisma Factor.

(IN MIAMA BOSTONIAN & MANHATTAN ARE COMBINED IN ONE CLASS)

2

THE LATEST INDOOR NEWS INSIDES

THE HANGAR PILOT

EDITOR: DR. JOHN B. MARTIN MIAMA

2180 TIGERTAIL MIAMI FLORIDA 33133



TO:

JIM MILLER
827 YORKHAVEN RD
CINCINNATI OH 45240

1ST CLASS
NOT JUNQUE MAIL