THE MIAMI INDOOR AIRCRAFT MODEL ASSOC.

MIAMA

AMA CLUB 986

ISSUE 88
OCT 1983

THE HANGAR PILOT

ONE AND ONLY!

11TH YEAR OF PUBLICATION!

Gainesville

2 HOURS

Daytona

2½ HOURS

ORLANDO

NEW MIAMA SITE

THRU

LAKELAND

TAMPA

FLORIDA MODELERS,

WHAT'S HAPPENIN'?

2½ HOURS

W. PALM

4 HOURS

ST. PETE

SARASOTA

MIAMI

START BUILDING NOW FOR:

67'

357'

206'

THE 1983/1984 SEASON

NEW SITE/NEW EVENTS -

FUN!

CEILING HEIGHT

NEW SITE!

① THE 1983-1984 SEASON: EZB, KIT/PLAN! PISTACHIO! FLYING ACES MASS LAUNCH! BOSTONIAN, MANHATTAN! PEANUT! CLASS "A" ROG. PLUS "EXTRAS", HLG!

Stop press, tear out page one! Extra, extra...see that Millard Wells cover story? Don't go to Romania and fly in a salt mine... come to Florida and fly in a fertilizer warehouse!! International Minerals andChemicals Inc. New Wales plant is about as high as the old Good year Blimp Hangar at Opa Locka, but has a lot more floor room, and they have agreed to let MIAMA use this great site , on a contingency basis, for our 1983/ 1984 season. This is the first time a model club has to be concerned about farm production, droughts, international competition, and all other items relating to fertilizer production. The demand for this product is down, therefore the warehouse is available, and empty. When IMC Inc. gets more productive, we will probably be looking for another hangar. Meanwhile, lets enjoy our good fortune and thank the good people at IMC! This site, near Lakeland, is for flyers from all over Florida. It is new, of poured concrete, and has very few obsticles that will snag your planes. We hope to have at least four two day meets there, but that remains to be seen. The first meet here will be November 26 & 27 . The first MIAMA indoor meet will be at Miami Dade South College . The schedule is on the opposite page so get building ,pilots,get building. We have some new events this year to take advantage of the site.

With our new sites we have taylored our classes to those planes that are suitable to the buildings. HERE THEY ARE FOR 1983/ 1984:

Sr/Open-1.Peanut and Pistachio combined (AMA 51B) Multiplier for pistach.
2.Kit/Plan Scale (See rules elsewhere) This is a great way to build a scale model without a micrometer and a documentation dossier. FUN!
3.Easy Bee... ever popular
4.Class A ROG. We expand our last year's "old time ROG" to include everything with a projected area of 30 square inches. Everything from sleek streak to microfilm.
5.Manhattan/Bostonian combined with a multiplier for Bostonian.
6. Hand Launched Glider. You guys better get with it or this event will be scrubbed from lack of interest. No excuse this year!!

JUNIOR EVENTS: 1. Profile Scale. 2.HL Glider 3. Plastic prop endurance.. any endurance model with a plastic prop.

Remember..Juniors must build and fly their own models.

THIS YEAR: Let's get building; hangar pilots. We have scheduled 12 meets in the next 8 months...7 contests and 5 fly ins which include a Pistachio Proxy meet, a ROW meet, and at least one record trial. OTHER GET TOGETHERS WILL BE SCHEDULED LATER:

(MORE ↗)

★ RULES ON PAGE 3

To remind you, we score annual points for each event you enter, plus an additional point for each contestant you beat. Trophies are awarded for each event, plus high points. This year we count points on four of the seven contests. It is possible to get maximum points without coming to any of the 3 contests in Miami. A Miami flyer can get max. points by attending only one Lakeland meet. plus the 3 at M/D South. We count best 4 of 7.

The contest schedule has certain inducements..... The biggie is the contest in Lakeland on March 25 . The reason it is a biggie is that it starts just as the EAA SUN & FUN FLY IN is finishing. There will be about 600 home-built and ultralite aircraft in Lakeland from March 18 to 24, the biggest gathering of the year. More on this later on. If you come a day early for the contest (A SAT.) you can be there for the last day of Sun & Fun for all their festivities. Motel rooms will be at a premium, though.

Another inducement is Millard Wells meet (Not a Contest) on Dec. 11 Millard is serving up a pistachio event and Rise off Water event for any type model that will manage that feat! We will have a Cat I Record Trial to be announced, and the FIRST WORLD PISTACHIO GRAND PRIX will be on May 14 and we hope to have lots of international proxys.

THE 1983-1984 SEASON

★ OCTOBER 23 Contest No. 1 Miami Dade South 9 to 5

NOVEMBER 20 Fly In Miami Dade South 9 to 5

★ NOV. 26/27 Contest 2 LAKELAND Fla. Sat. 2 to 7, Sun. 8 to 2

Dec. 11 Millard Wells Meet: Coral Shores School. Mile marker 90 (KEYS)
9:00 AM Pistachio and Rise Off Water events.

Jan. 15, 1984 Miami Dade South Fly in 9 to 5

★ JAN. 21/22 Contest 3. LAKELAND FLA. Sat. 2 to 7, Sun 8 to 2

★ FEB. 26 Contest 4. Miami Dade South 9 to 5

MARCH 18 MID SOUTH - FLY IN 9 TO 5. (MAR 18)

★ MARCH 25 SUN AND FUN FLY IN CONTEST 5 Lakeland Fla. (8-4)
Arrive on 24th to see the EAA last day of Ultra Lites!!

★ APRIL ? Contest 6 Miami Dade South 9 to 5 TO BE ANNOUNCED

MAY 13 FIRST WORLD PISTACHIO PROXY PRIX & Fly in M/D South

★ MAY 19/20 Contest 7 LAKELAND FLA. Sat 2 to 7, Sun 8 to 2

INDOOR ISN'T FOR EVERYONE!

We feel sorry for you guys who are not in Florida, but encourage you to plan a vacation around one of these events. As with all planning, there may be some changes in this schedule, so confirm by calling 305 858-6363 before.

BUILD FOR THE BIG PROXY PISTACHIO WORLD MEET ON MAY 14.

FLYING ACES PEANUT MASS LAUNCH SEE NEXT PAGE

③ KIT/PLAN SCALE RULES 1983-'84:

1. Scale, rubber powered models built from kits and/or published plans.
2. The prop and/or rubber may be changed to allow a better prop-power combination.
3. The nose block and thrust button may be altered to facilitate winding of the rubber motor, but the nose block must retain the shape, size, etc. of the original.
4. The tissue and color may be changed, but all pertinent markings must be on the airplane, (ie: door lines, hinge lines, cowl bumps, etc.). The color and trim should be appropiate for the era of the aircraft being modeled. No condenser paper or film coverings will be allowed.
5. Static judging documentation will be based on published plans only. Structure, craftmanship, and fidelity of construction to the plan are the basis for the model's static score. Photographs and 3-views are not needed or required.
6. The final score will be the total of the static and flight scores, and are as follows:
   A. Static score: 60 points max for fidelity of construction to the plan, 40 points max for craftmanship.
   B. Flight points: the time of the flight in seconds, the max time cannot exceed the total of the static score for that model, total flight score will be the best 2 out of 5 officials, an official will be any flight of 15 seconds or longer in the air, model launching will be R.O.G. indoors, hand launch outdoors (or at the discretion of the Contest Director).

THE "CURRENT" BOSTONIAN RULES

TRY ONE! ★

1) Maximum projected wingspan(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 10 grams. (10)
6) Maximum overall length is 14" measured from front of prop 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. Fuselage must have a forward windshield and a window on each side, each of which must equal or exceed 1" square area.
8) Landing Gear must be fixed, with two or more min. diam. 3/4" wheels, and rigid enough to successfully 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 depending on how the model appeals to him, based on construction neatness, scale-like details, uniqueness of design, etc. A 1.00 to 1.10 rating is used. Two or more models may be given the same rating. The models are not rated against each other, but against the 1.00 to 1.10 scale.
11) An unlimited number of official flights are allowed, with the total in full seconds of the best 2 multiplied by the Charisma Factor.

MANHATTAN IS NOW AN AMA EVENT

OFFICIAL MANHATTAN FORMULA RULES....which are:

1) Airframe weight, less rubber, 4 grams minumum.
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 theoretical 'box' 2½" x 2" x 4".
   c) Must have a windshield of 2 sq. in. minimum area, plus a window on each side of 1 sq. in. minimum area covered with celephane or similar transparent material
4) Propeller: Must be all wood, direct drive, fixed pitch.
5) Wing: Monoplane only with maximum projected span of 20" and maximum chord of 4". Wood bracing allowed.
6) Stabilizer: Monostab only with maximum projected span of 12" and maximum chord of 3½". Wood bracing allowed.
7) Landing Gear: Rigid and fixedwith at least 2 wheels of 1" minimum diameter. Must be able to support airplane.
8) NO MICROFILM COVERING — OTHERS O.K.
9) Flying: All flights mustbe at least two point R.O.G. Unlimited number of official flights allowed. Best single flight counts.

PROFILE (LO-CAL) SCALE (FLYING ACES) IS ANY RECOGNIZABLE SCALE MODEL OF 16" SPAN — TISSUE COVERED

PISTACHIO = 8" MAX SPAN OR 6" MAX. OVERALL LENGTH
SINGLE COVERED SURFACES + HAND LAUNCH O.K.

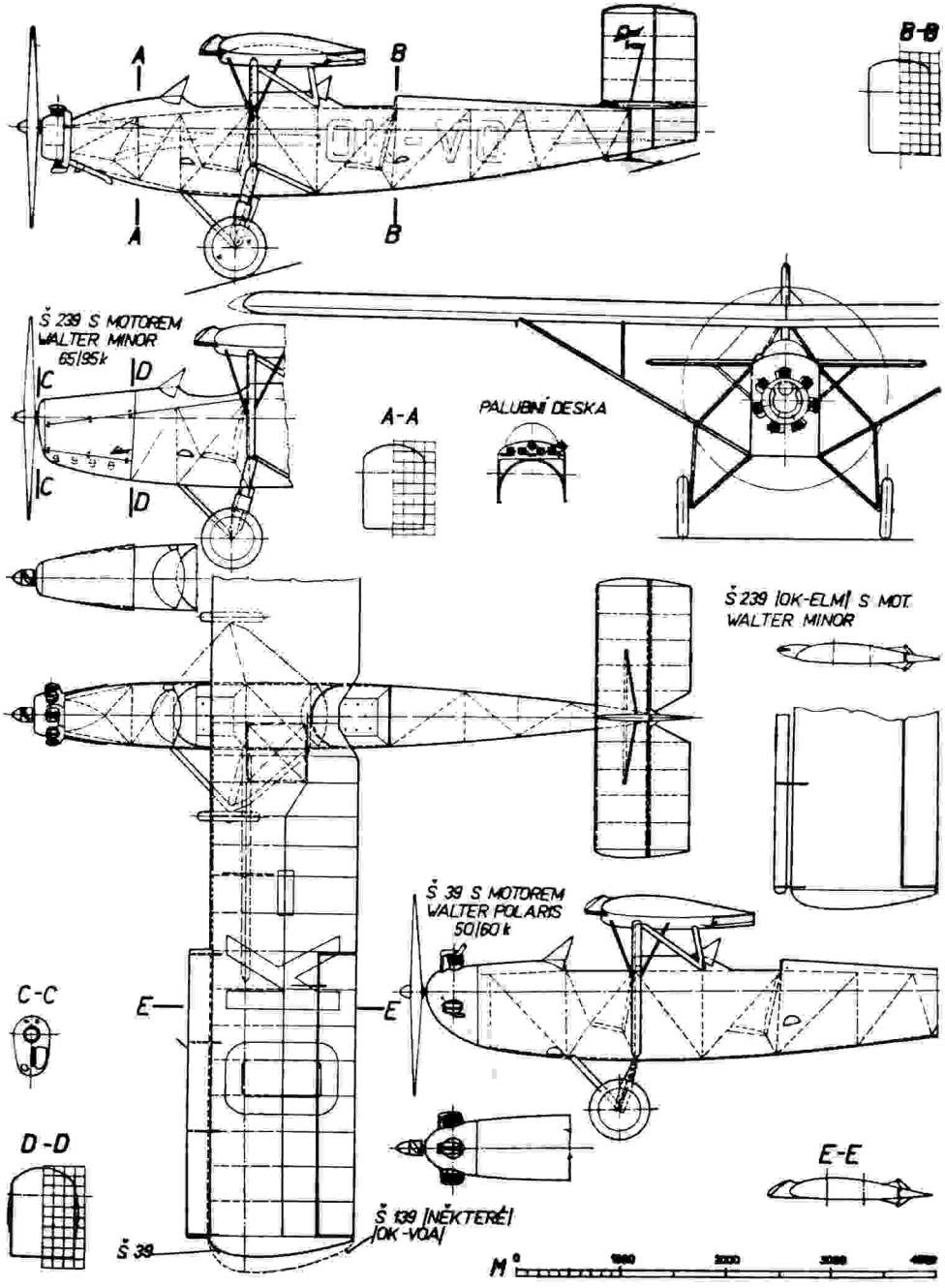
PEANUT RULE AMA 51(B)

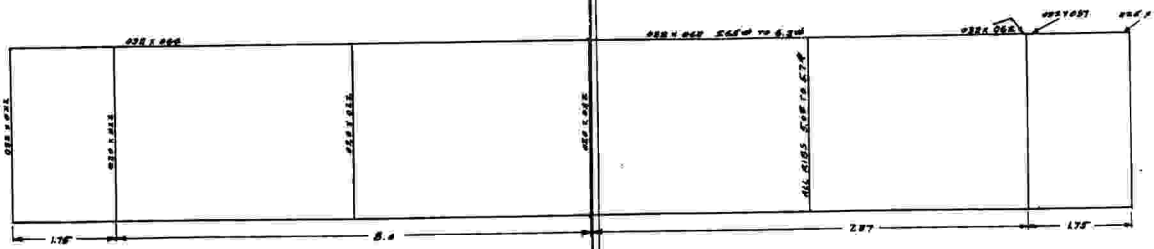
FLYING ACES MASS LAUNCH EVENTS AT ALL LAKELAND MEETS

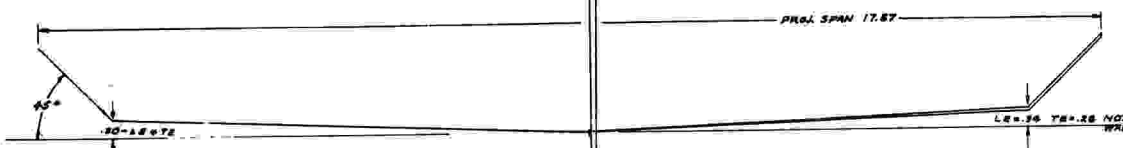
PEANUT PLANES: HAND LAUNCH

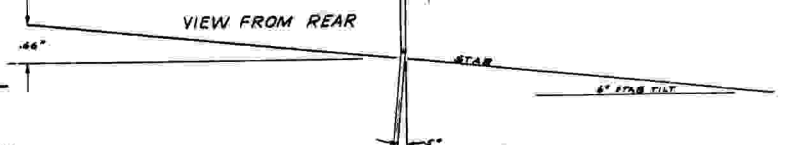
① NOV 26/27 WORLD WAR II
② JAN 21/22 PEANUT BIPLANE
③ MAR 25 RACEPLANES
④ MAY 19/20 GOLDEN AGE

COURTESY OF EDGAR SEAY - MODEL AIRCRAFT LABORATORIES







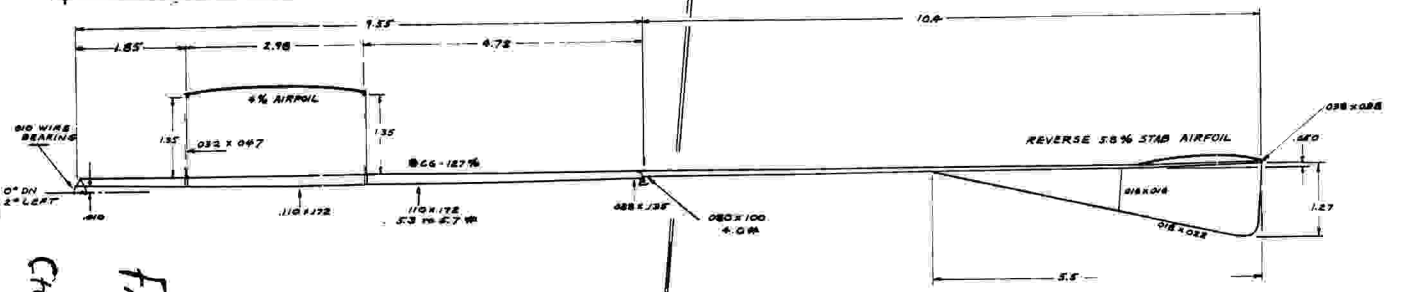


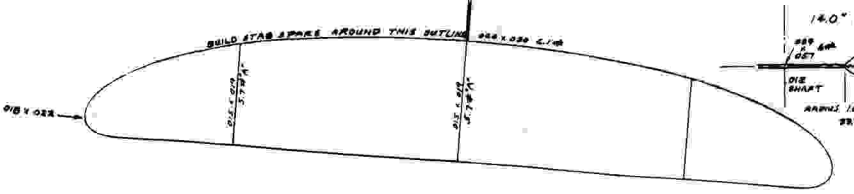
MODEL WTS:		
WING	.0108 oz.	.306 GR.
BODY + STAB	.0184	.394
PROP	.0063	.178
TOTAL:	.0310 oz.	.878 GR.

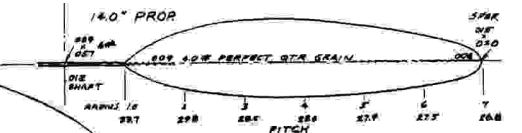
HONEY B

EZB BY: STAN CHILTON

AMA CAT III RECORD - 22:01 JUNE 16, 1983

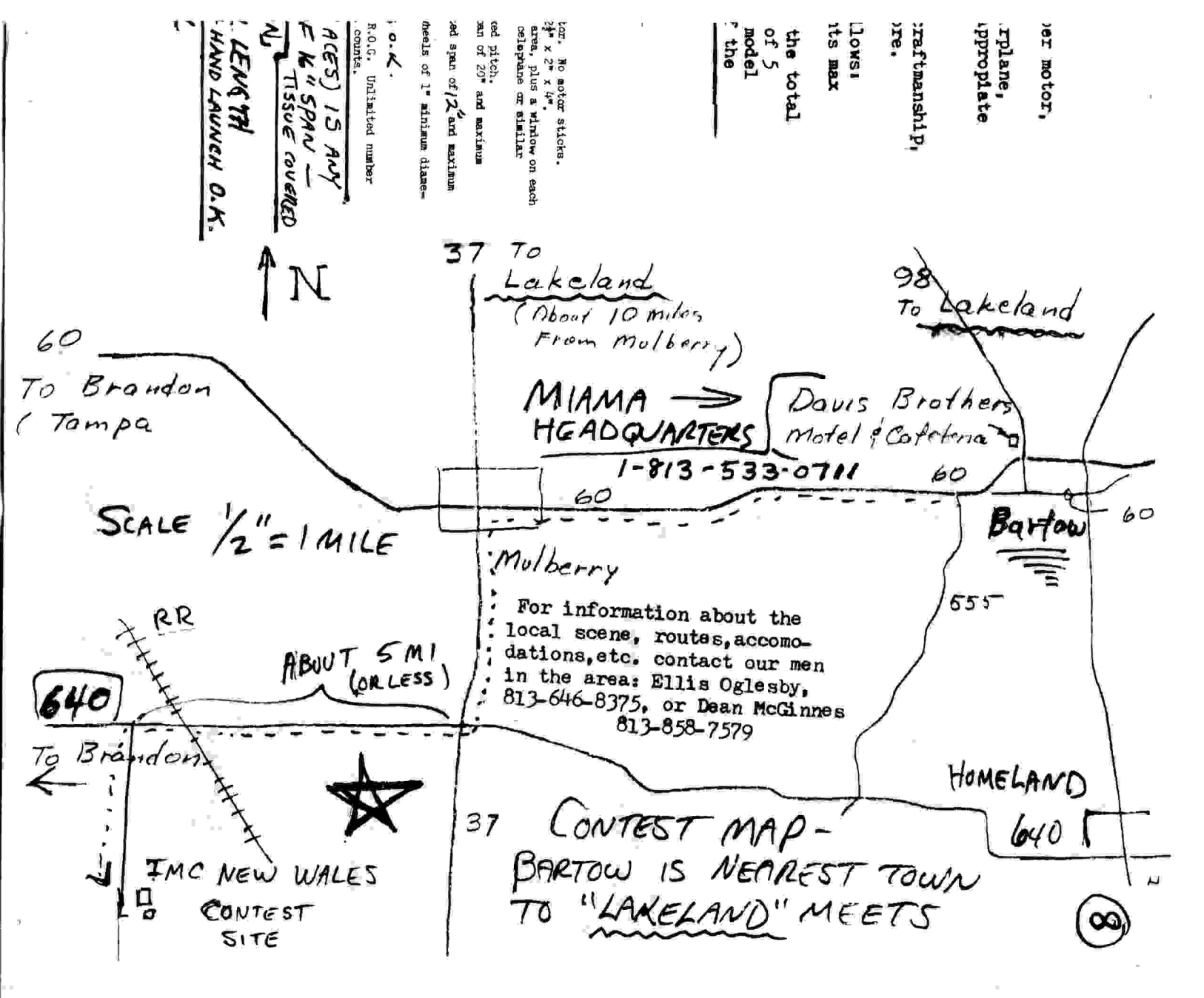




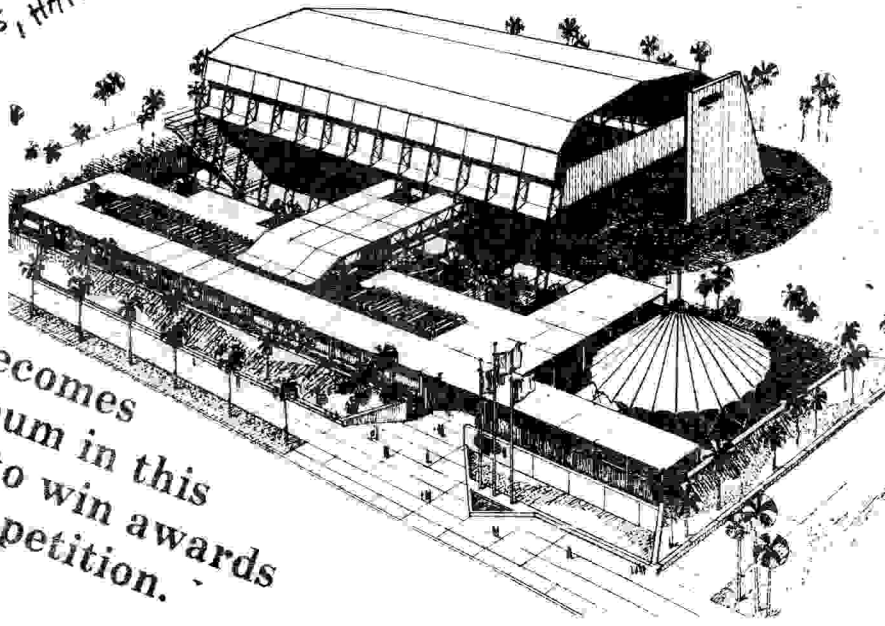


POWER: PIRELLI (1979) .047 K040 K16.1 - .956 GR.
2200 TURNS LESS 185 = 2015 LAUNCH TURNS

FROM EZ TORBELLINO
CHILTONS WEST
BADEN RECORD EZ B


37 To Lakeland
(About 10 miles From Mulberry)
98 To Lakeland
60
To Brandon (Tampa
MIAMA HEADQUARTERS
Davis Brothers Motel & Cafeteria
1-813-533-0711
60
60
60
SCALE 1/2" = 1 MILE
Mulberry
Bartow
555
For information about the local scene, routes, accomodations, etc. contact our men in the area: Ellis Oglesby, 813-646-8375, or Dean McGinnes 813-858-7579
RR
ABOUT 5 MI (OR LESS)
640
To Brandon
HOMELAND
640
37
IMC NEW WALES
CONTEST SITE
CONTEST MAP - BARTOW IS NEAREST TOWN TO "LAKELAND" MEETS
8
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heels of 1" minimum diame-
o.K.
R.O.G. Unlimited number
counts.
ACES) IS ANY
F 1/8" SPAN —
TISSUE COVERED
NJ
LENGTH
HAND LAUNCH O.K.
N

(9) RECOGNIZE THIS PLACE, PILOTS? HOME OF CUBANS, HAITIANS & MIAMA



An abandoned blimp hangar becomes an aviation museum in this design, one of 12 to win awards in a statewide competition.

FLORIDA STATE INDOOR CHAMPS

O.K. so you don't see Jim Richmond or Carl Goldberg on the list below. As we start our thirteenth season we salute the fine modelers who have won the State Championship in indoor. Many are still on the scene, and some we see no more. Here's to the 1983/ 1984 Champs !

	Season	Open Champ:	Runner Up:	Junior/Senior Champ:
1.	'71/72	Informal season, 7th Ave Armory & Youth Fair..No champ.		
2.	'72/73	Gary Meyers	Jim Stewart	Rick Meyers
3.	'73/74	Gary Meyers	John Martin	Rick Meyers
4.	'74/75	Jim Stewart	John Martin	Charles Slater
5.	'75/76	Jim Stewart	John Martin	Kevin Smith
6.	'76/77	Roman Szymula	Jim Stewart	Allen Honey
7.	'77/78	Roman Szymula	John Martin	Jim Smead
8.	'78/79	Jim Stewart	Bill Smead	Jeff Everson
9.	'79/80	Mike Arak	Ron Sharpton	Bill Carney
10.	'80/81	Walt Everson	John Martin	John Houtenbrink,Jr.
11.	'81/82	Mike Arak	Walt Everson	Heather Arak
12.	'82/83	Mike Arak	Dave Kiefer	Susan Arak
13.	'83/84	? ?	? ?	? ?

I see the boys of summer in their ruin
Lay the gold tithings barren,
Setting no store by harvest, freeze the soils
Dylan Thomas

Florida AIA picks winners (10)

By WAYNE MARKHAM
Herald Real Estate Writer

Architects who dream dreams can sometimes turn old blimp hangars into theme parks; old railroad stations into convention centers, and even design a place to visit killer whales.

All three designs, plus nine others, won in the first competition for unbuilt projects sponsored by the Florida Association of the American Institute of Architects (AIA).

The idea was to catch architectural thought on the cutting edge, avoiding the years of delay between original design and final completion normally found in architectural design competition.

The 12 winners from Florida and the Caribbean all designed projects scheduled to be built in 1983-84.

"Everything doesn't have to be unique. The goal is to build something that will look good in 10 or 15 years . . . or 50 years. There is too much building of what's in fashion today."

Giller's design for the Metro Dade County Aviation Department calls for creating a theme center from an abandoned blimp hangar. His firm was hired to study potential uses for the 60-year-old building and come up with preservation options.

Giller proposed opening up the walls of the hangar to create a "simple covered structure, which would be open to the breezes while providing shade from the subtropical sun."



Opa-locka blimp base the way it looks today.

A new earthen berm with retaining walls and masonry screening will help modernize the look of the complex, which would be designated as a multiuse industrial park facility.

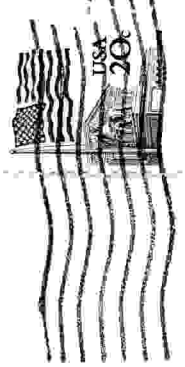
The corrugated steel structure has a colorful history, starting out as a portable dirigible hangar built in Key West about 1920. Later, it was disassembled and moved to the Homestead Air Force Base in the early 1930s, before being moved to Opa-locka 10 years later.

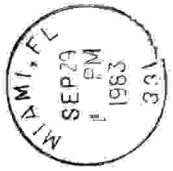
GOING, GOING, GONE. ANOTHER SITE BITES THE DUST.

FOR 6 YEARS THE HOME OF MIAMA INDOOR, ALSO CUBAN REFUGEES AND CHRISTO'S PINK ISLANDS. "- THE PERFECT

"OPEN TO THE BREEZES INDOOR SITE.

1ST MEET: MIAMI DADE SOUTH
9 TO 5
Y'ALL COME
BUILD... FLY... FUN! DAVE LINSTRUM CD
OCTOBER 23RD - SUNDAY





1ST CLASS
NOT JUNQUE MAIL

TO:

JIM MILLER
827 YORKHAVEN RD
CINCINNATI OH 45240

THE LATEST INDOOR NEWS INSIDE
THE HANGAR PILOT
EDITOR: DR. JOHN D. MARTIN MIAMI
2180 TIGERTAIL, MIAMI FLORIDA 33133
** NEW ADDRESS!

Jim Miller #211 FF
Jim Miller #211 FF
In Reading in
Reading Your
Le Mans Post

1984 FAI INDOOR TEAM SELECTED AT WEST BADEN:

Over the Labor Day Week End about 20 of the USA's best indoor flyers met at West Baden (possibly the last time anyone will fly there) to select the 3-man team to represent us in the 1984 Indoor World Championships to be held in Japan. Qualifying local and regional contests had been held over the past 2 years to narrow the field and keep building and flying skills at a peak.

In a short telephone conversation with Pete Andrews the results were revealed:

1) Bob Randolph, 2) Cezar Banks and 3) Jim Richmond.

Larry Calliau was fourth and will be the alternate and, probably, the team manager. Our own Sal Canizzo was a very close 5th. As for himself, Pete said it was 'just 3 bad days'. On one flight a wasp sat on a wing tip, spiralling the plane half-way down....then it took off, stripping off a wide swath of microfilm. Dan Domina qualified, but for some reason did not go.

Pete said the Atrium was filled with really top quality, incredibly beautiful and well-built machines. Bob had two flights of 37 plus minutes of his best 3 to win. Many models hung up or hit and folded a wing. Dick Doig was steering and his balloon exploded....exploding his model along with it.

It is an excellent team...and we all wish them well..!!!

FROM ED WHITTEN - ALSO SOME BAD NEWS - NO PLACE TO FLY W.N.Y. NO ROTUNDA, NO LONG BEACH.