The fifth anniversary of American air mail service cost less than half as much as the first air mail stamp.

# THE HANGAR PILOT

MIAMI INDOOR AIRCRAFT MODEL ASSOCIATION

26TH YEAR OF PUBLICATION

INTERIAS NON EST OMNIBUS

ISSUE 190

FALL '97 ISSUE




OCT 25/26 NEW SEASON STARTS




THE HANGER PILOT

"LIKE A LETTER FROM HOME" Wheelan

The Hanger Pilot, edited by John Martin Jr., who is solely irresponsible for its content, is published 8 or 9 times a season for bunch of middle aged guys who refuse to grow up. MIAMA ( Miami Indoor Aircraft Model Association ) - AMA club 3624 One of two active all indoor free flight clubs in AMA. For a mere $12.50 you will receive all of the published issues that year. We encourage reader contributions because, frankly, we need the material. Letters, plans, opinions, complaints, gripes and compliments to: Dr. John Martin Jr., President / Editor, 2180 Tigertail Ave., Miami, FL 33133 USA. phone: 305-858-6363.

# NEXT TO LAST MEET - FLORIDA FAC SUMMER SERIES PALM BAY SEPT 6,7 '97

FAC PEANUT SCALE

| | | | | |
|---|---|---|---|---|
| *1. | Rich MacEntee Float T.-Beaver | 58.5 | 1:27 | 132.0 |
| 2. | Doc Martin Andreason | 57 | 1:22 | 128 |
| 3. | C. Nelson Pietenpol | 48 | :15 | 63 |

FAC SCALE

| | | | | |
|---|---|---|---|---|
| *1. | Ric Choate Caudron Racer | 67.5 | 1:18 | 136.5 |
| 2. | R MacEntee Float T. Beaver | 65.0 | 1:22 | 136.0 |
| 3. | Doc Martin Dornier Komet | 58 | 1:19 | 127.5 |

FAC JUMBO SCALE

| | | | | |
|---|---|---|---|---|
| *1. | R. MacEntee Bellanca YO5-0 | 59.5 | 1:23 | 131.0 |
| 2. | Doc Martin Goldwing | 54 | 1:33 | 129.7 |
| 3. | Ric Choate G. Guardian | 72.5 | :52 | 124.5 |
| 4. | John Polento Rearwin Sp. | 55 | :58 | 103 |

NO-CAL 1. Doc Martin Windham :58 1:01

Leagle Eagle C. Nelson 26 35 13

DIME SCALE

| | | | |
|---|---|---|---|
| *1. | Rich MacEntee | BF-109 | 170 |
| 2. | Doc Martin | Nieuport 17 | 168 |
| 3. | c. Nelson | C. Robin | 38 |

Embryo 1. Charles Nelson

Old Time Rubber: John Polento

Bostonian 1. C. Nelson

GOLDEN AGE

| | | | |
|---|---|---|---|
| *1. | R. MacEntee | Bellanca YO5-0 | 4:18 |
| 2. | Doc Martin | Komet | 2:50 |
| 3. | John Polento | Rearwin | 2:33 |
| 4. | C. Nelson | C. Robin | :53 |

* KANONE

TO PARAPHRASE CHI CHI RODRIQUEZ: "COMPETING NEVER GETS OLD."

## MIAMA REALITY CHECK:

HAVE YOU RETAINED AN INTEREST IN MODEL-ING, OR HAVE YOU BECOME DISENCHANTED?

SOME LIKE TO COLLECT MODEL KITS, OR BOOKS, OR MAGAZINES, OR PLANS, OR MOTORS. SOME LIKE TO TALK ABOUT IT, OR READ ABOUT IT. SOME PREFER TO BUILD ONE MODEL AFTER ANOTHER. ALL OF THIS IS GREAT! BUT SOME LIKE TO FLY - GOD BLESS THEM.

# MIAMA INDOOR MEET 5
# LAST MEET - NEW SEASON STARTS

(2)

Well, pilots, we finally finished the 26th MIAMA indoor season with a small group of die hards hanging in there till the end. Carl Hedley, Bill Remson, the Nunez's John John, George Jr. and Sr., Charlie Nelson, Doc martin, Rich MacEntee, and Sal Gonzalez who took lots of good video footage.

This season ended 2 months late (We start indoor season # 27 this month) but was hard fought all the way. Justin Brown, our Junior threat made the last meet. Congratulations to RICH MACENTEE who nosed out perennial (Always a bridesmaid) DOC MARTIN by only 2 points, for Fla. State Champion. Rich tied with George Leffler as CO-Champion many years ago before the seven year reign of Wayne Trivin. Now that the last 2 MIAMA meetswere held at a good Cat. I site it is becoming increasingly tougher to set a Cat I State record. MacEntee set 4 records on the last meet, upping three of his own records in FAC Scale, Peanut, and model of a model, and wiping out Linstrum's record in No-Cal.

Lots of new stuff coming up in season 27. See page full of contest announcements, new sites, and start building models. Check out the Hall of Fame pages to see how YOU did last season and CONGRATULATIONS TO THE WINNERS !!

SEASON # 27: After many years MIAMA flyers have had an opportunity to fly for one of four Kanones at every indoor meet. Mass launch FAC Scale. Embryo, FAC Scale, and No-Cal. In season #27 we have added 2 new opportunities for a Kanone. The peanut scale event was an AMA event, but will now be an FAC event with two indoor exceptions: (1) 9 inch overall length will be OK, and (2) ROG flights will have a 10 sec. bonus added to flight time. No limit on rubber weight. Best 2 of 5 flights count. THE PEANUT MASS LAUNCH WILL ALSO BE AN FAC EVENT.

THE LOCAL SCENE: Yes, Dade County has a lot of pilots who love to fly but don't make the drive to Palm Bay, or Tampa for the State Meets. We are working on a local scene for you. We encourage you to make the drive but what the hay? We recently had a meet at the fine Kermit Weeks aircraft restoration hangar at Tamiami Airport, Keep Tuned. Itis very similar to the Tile Warehouse of a few years ago. 100 x loo x 30. Good!

## RESULTS - MIAMA MEET 5 — MIAMI-DADE SOUTH SEPT. 13/14 1997

**AMA PEANUT SCALE** — STATE RECORD

| | | | | |
|---|---|---|---|---|
| 1.R. MacEntee | 14 Bis | 108.3 ★ | 55.2 | 55.9 |
| 2.G. Nunez | Hanroit Bipe | 93 | 55.0 | 1:01 |
| 3.C. Nelson | Pietenpol | 67.2 | 13 | 12 |

**FAC Scale** — NEW STATE RECORD

| | | | | |
|---|---|---|---|---|
| 1.R. MacEntee | 14 Bis | 81.5 | :55 | ★ 136.5 |
| 2.Doc Martin | Lance Wing | 66 | :52 | |

**Pistachio** L. Martin Windham 46.5 48.6

**Model of a Model** ★ STATE RECORD

| | | | |
|---|---|---|---|
| 1.R. MacEntee | PK 23 | 1:39.5 | :51 2:30.5 |
| 2.C.Nelson | Pussy Cat 19 | 17 | |

**Coconut MIAMA**

| | | |
|---|---|---|
| 1. R. MacEntee | M-20 | 1:14 |
| 1.Doc Martin | M-20 | 1:14 |

**Catapult Glider**

| | | |
|---|---|---|
| 1.Carl Hedley | 23.8 | 21.4 |
| 2.Chas. Nelson | 19 | 21 |

Easy B 1. C. Nelson 28

**Bostonian**

| | |
|---|---|
| 1.R. MacEntee | 257.5 |
| 2.C. Hedley | 168.5 |
| 3. C. Nelson | 127.0 |

**Embryo** FAC

| | |
|---|---|
| 1.R. MacEntee | 197 |
| 2.C. Nelson | 120 |

**Legal Eagle**

| | |
|---|---|
| 1. R. MacEntee | 430.3 |
| 2.C. Nelson | 85 |

**DIME SCALE**

| | |
|---|---|
| 1.Doc Martin | 150.5 |
| 2.Carl Hedley | 54.9 |
| 3.C. Nelson | 50 |

**Penny Plane** C. Nelson :28

**No-Cal** STATE RECORD

| | |
|---|---|
| 1. R. MacEntee ★ | 2:34.8 |
| 2.Carl Hedley | 1:43 |
| 3. Doc Martin | 1:18 |

(3) ALL OUT FOR MIAMA INDOOR SEASON 27 MEET 1 OCT 25, 26 COAST GUARD

The post MacDill MIAMA contest era is apon us for better or worse. Although Bill Criss and others haven't given up on our favorite flying site we see no immediate change, so here's the new deal. (Keep atit,Bill!)

Ric Choate has been working with the excellent Homer Hesterly Armory in Tampa. There is good news and bad news; YES - we can fly in the Armory. WOW! a first time flying Cat II site! Huge floor area and at least 35 feet to anabsolutely clean ceiling! (We haven't measured the height yet). A chance to really hammer the Cat II records. The bad news... we have to RENT it. MIAMA has to be the most spoiled model club in the world. We have NEVER HAD TO RENT A SITE IN YEARS. We have flown at a boxing gym, another armory, a fertilizer warehouse, a fair exhibit hall,a Jai Alai Fronton,a tile WAREHOUSE, A BLIMP HANGAR,AND VARIOUS GYMS and warehouses, but we NEVER had to rent. All entry fees went forour excellent annual awards. Well,now, welcome to the REAL world..We'll see what we are made of. To meet increased costs we will need about 15 flyers at $20.00 each. The fee for flying two days from 8 AM to 6 PM FOR ALL EVENTS will be $20.00 for both days..Sat. & Sun. You can fly one event or fifteen for the same fee. One day or two. We hope you will support this increase,. The average entry fee last year was about $11.00, with NO cost for the site. ALL the fees went toward annual trophies. NOW we have to fund our site but I feel that 20bucks for 18 hours flying is the BEST BARGAIN in any hobby. We hope you will support MIAMA and YOUR hobby. It's about YOU.....Please come on out....especially our GHOST SQUADRON. Ric Choate thinks that $20.00 will kill off many flyers and we won't make it, but I am the optomist who feels that you will support the new season. BRING WITH YOU ANEW PILOT TO SPECTATE in the hopes that he will start flying. Please come on out to support your hobby.( I know I already said that)

## GHOST SQUADRON

PURSUANT TO THE ABOVE ARTICLE: SUBJECT: THE MIAMA GHOST SQUADRON

DON'T BE A STRANGER

HERE IS THE LIST OF FLORIDA MIAMA MEMBERS. To be eligible for GHOST SQDN. status you must: (1) Live in Fla., (2)Be a long time subscriber toHangar Pilot.,(3)Be very interested in modeling.,(4)Be past middle age.,(5)Have never attended a MIAMA meet.,(6) Live within a short driving distance of MIAMA meets . You would think that very few HANGAR PILOTS would qualify for this very lengthy list of requirements...but NO-look at all these guys... an asterisk on our list of FLA. MIAMA members means that YOU are a Ghost Squadron Member.(7) HAVE NOT BEEN TO A MEET THIS LAST YEAR.

As we grow older we lose a lot of old friends. It is also more difficult to make new friends. Here's an opportunity to meet someone with a burning common interest.. MODEL AIRPLANES. Here's a list of guys you should know.

I'M ISSUEING ANFAC DIRECTIVE AS FOLLOWS:

FROM: FAC AIR MARSHALL DOC MARTIN
TO: CAPT. JAKE LARSON
SUBJECT: ACTIVE STATUS, MIAMA, RESIGNATION FROM GHOST SQUADRON

Capt. Jake: Please marshal your forces to recruit all inactive Ghost Sqdn. members to active duty. All MIAMA members are requested to:
(1)Look up phone # of nearby G.S. Pilots.
(2)Call and invite pilot to next meet or MIAMA annual dinner.
(3)Meet the "regulars" and become inactive G.S.
(4)Get out your "Good Wood" and start building again.

I am hoping that the above effort will result in me meeting you, or in you be ing active in MIAMA, and meeting all of us. I hope allMIAMA members use this list to contact potent ial friends...AMEN

NOW THAT WE MUST RENT FLYING SITES, WE REALLY NEED YOU!

# 27 SEASON MIAMA INDOOR 1996-1997

(4)

ALL POINTS ALL PILOTS MIAMA HALL OF FAME

## MIAMA TOP OVERALL

| | |
|---|---|
| 1.Rich MacEntee | 74 |
| 2.Doc Martin | 72 |
| 3.Dick Obarski | 55 |
| 4.John Barker | 49 |
| 5.Sidney Gilbert | 47 |
| 6.Don Brimmer | 33 |
| 7.Geo. Nunez | 29 |
| 8.Dick Hardcastle | 29 |
| 9.Newt Bollinger | 26 |
| 10.Ric Choate | 21 |
| 11Wayne Trivin | 17 |
| 12.Walt Schlesinger | 17 |
| 13.Charles Nelson | 13 |
| 14. J. Nunez, Sr | 12 |
| 15.Walt VanGorder | 12 |
| 16.Dave Linstrum | 11 |
| 17.John Tudor | 4 |
| 18.John Polento | 3 |
| 19.B. Shaw | 2 |
| 20.B. Knox | 2 |
| 21.Carl Hedley | 2 |
| 22. J. Wormley | 1 |
| 23.Millard Wells | 1 |

## JUNIORS:

1. J.J. Nunez
2. Dustin Remson
3. Justin Brown

## FAC SCALE

| | |
|---|---|
| 1.Rich MacEntee | 19 |
| 2.Doc Martin | 14 |
| 3.George Nunez | 10 |
| 4.Sidney Gilbert | 8 |
| 5.Wayne Trivin | 6 |
| 6.Ric Choate | 5 |
| 7.J. Nunez Sr. | 5 |
| 8.Don Brimmer | 4 |
| 9.Walt Schlesinger | 4 |
| 10.B. Knox | 2 |
| 11.J. Wormley | 1 |
| 12.M. Wells | 1 |

## PISTACHIO SCALE

| | |
|---|---|
| 1.Doc Martin | 13 |
| 2.Sidney Gilbert | 7 |
| 4.Rich MacEntee | 4 |
| 4.George Nunez | 4 |
| 3.Don Brimmer | 5 |
| 6.Walt Schlesinger | 2 |
| 7.Ric Choate | 1 |

## Model of a Model

| | |
|---|---|
| 1.Don Brimmer | 5 |
| 2.Sidney Gilbert | 4 |
| 2.Rich MacEntee | 4 |
| 4.Charles Nelson | 2 |
| 4.W. Schlesinger | 2 |
| 6.J. Nunez Sr. | 1 |
| 7. D. Remson | 1 |

## MIAMA LEGAL EAGLE

| | |
|---|---|
| 1.Dick Obarski | 15 |
| 2.Rich MacEntee | 12 |
| 3.John Barker | 7 |
| 4.Don Brimmer | 5 |
| 4.Newt Bollinger | 5 |
| 6.Sid Gilbert | 3 |
| 7.Chas. Nelson | 2 |

## MIAMA DIME SCALE

| | |
|---|---|
| 1.Rich MacEntee | 16 |
| 2.Dick Obarski | 14 |
| 3.John Barker | 13 |
| 3.Doc Martin | 13 |
| 5.Dick Hardcastle | 12 |
| 6.Geo Nunez | 4 |
| 6.Jeorge Nunez Sr. | 4 |
| 8.W. Schlesinger | 3 |
| 9.Sid Gilbert | 2 |
| 9.Carl Hedley | 2 |
| 11.Dave Linstrum | 1 |
| 12.Charles Nelson | 1 |

## FAC NO CAL

| | |
|---|---|
| 1.Sidney Gilbert | 8 |
| 2.Wayne Trivin | 7 |
| 3.Rich MacEntee | 7 |
| 4.Dave Linstrum | 5 |
| 5.Newt Bollinger | 4 |
| 5.Don Brimmer | 4 |
| 5.John Tudor | 4 |
| 8.Dick Obarski | 3 |
| 8.Doc Martin | 3 |
| 10.Chas. Nelson | 2 |
| 11.W. Schlesinger | 1 |

## FAC EMBRYO ENDURANCE

| | |
|---|---|
| 1.John Barker | 11 |
| 2.Sidney Gilbert | 7 |
| 3. Newt Bollinger | 5 |
| 4.Wayne Trivin | 4 |
| 5.Dave Linstrum | 2 |
| 5.Walt Schlesinger | 2 |
| 5.Don Brimmer | 2 |

## AMA EASY B

| | |
|---|---|
| 1.Dick Hardcastle | 11 |
| 2.Dick Obarski | 10 |
| 3.John Barker | 5 |
| 3.Walt VanGorder | 5 |
| 5.Charles Nelson | 3 |

## AMA PENNY PLANE

| | |
|---|---|
| 1.Dick Hardcastle | 4 |
| 1.John Barker | 4 |
| 3.Walt VanGorder | 3 |
| 34.Dick Obarski | 1 |

## MIAMA COCONUT SCALE

| | |
|---|---|
| 1.Rich MacEntee | 10 |
| 2. Doc Martin | 7 |
| 3. Ric Choate | 6 |
| 4.Dave Linstrum | 3 |
| 5.W. Schlesinger | 2 |

## AMA MINI STICK

| | |
|---|---|
| 1.Dick Obarski | 5 |
| 1.Walt VanGorder | 5 |
| 1.John Barker | 5 |
| 4.Walt VanGorder | 4 |
| 5.Charles Nelson | 1 |

## AMA BOSTONIAN

| | |
|---|---|
| 1.Dick Obarski | 14 |
| 2.John Barker | 12 |
| 3.Sidney Gilbert | 5 |
| 3.Newt Bollinger | 5 |
| 5.John Polento | 3 |
| 5..Chas. Nelson | 3 |
| 7.Rich MacEntee | 2 |
| 8.Walt Schlesinger | 2 |

## MASS LAUNCH EVENTS

### COCONUT:

| | | |
|---|---|---|
| 1.Rich MacEntee | 5 | > TIE |
| 1.Doc Martin | 5 | |
| 3.Dave Linstrum | 4 | |
| 4.W. Schlesinger | 3 | |
| 5.Ric Choate | 2 | - WON LAST YR. |

### PEANUT

| | | |
|---|---|---|
| 1.Doc Martin | 18 | |
| 2.Sidney Gilbert | 11 | |
| 4.Ric Choate | 8 | |
| 3.Don Brimmer | 9 | |
| 5.Rich MacEntee | 7 | |
| 5.Newt Bollinger | 7 | - WON LAST YR |
| 7.John Polento | 6 | |
| 8.Walt Schlesinger | 5 | |
| 9.Chas. Nelson | 4 | |
| 10.Dave Linstrum | 1 | |

### FAC SCALE

| | | |
|---|---|---|
| 1.Doc Martin | 12 | |
| 2.Sidney Gilbert | 6 | |
| 3.Rich MacEntee | 4 | |
| 3.Newt Bollinger | 4 | WON LAST YR. |
| 5.Wayne Trivin | 2 | |
| 5.Geo. Nunez | 2 | |

## AMA PEANUT

| | |
|---|---|
| 1.Doc Martin | 23 |
| 2.George Nunez | 14 |
| 3.Sid Gilbert | 11 |
| 4.Don Brimmer | 10 |
| 5.Ric Choate | 9 |
| 6.Newt Bollinger | 7 |
| 7.Rich MacEntee | 6 |
| 8.Walt Schlesinger | 5 |
| 9..Jorge Nunez Sr. | 4 |
| 10.Chas. Nelson | 3 |
| 11.Millard Wells | 3 |
| 12.B. Shaw | 2 |
| 13. J.J. Nunez(Jr) | 2 |
| 14.J. Polento | 1 |

(5) OCT 1997 FLA. MIAMA. ★=GHOST SQUADRON 98 MEMBERS

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Miami,FL 33176

JORGE NUNEZ
12700 SW 20
MIAMI FL 331

MR MALCOM, MY NOSTALGIA
EMBRYO

# EMBRYO FROM FLIGHTMASTERS



1/32 RIBS

3/32 SQ

9"

1/16 x 1/8

Note:
1. All Material 1/16 sq. strip /sheet except where noted.
2. Make wheels from 1/32 sheet 2 per wheel glued cross grain
3. Bright Red dope fwd of color line and landing gear. White Japanese tissue all else.

L.G. MOUNT

1/32 SHT.

.020 MW.

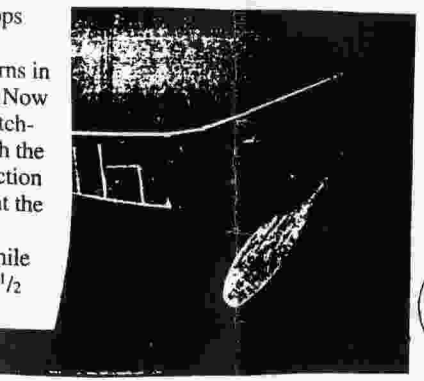
A.Q.B.
7/3/96

COLOR LINE

.032 M.W.

3/32 x 1/4 Taper to 1/16 x 1/8 very hard Balsa

1/4 CORE



(7)

(8)

# ROXBURY EXPRESS

A 7 gram CANARD BOSTONIAN
CARL HEDLEY 8/20/94

CARL IS BACK!
LOOK FOR NEW DESIGNS

FUSELAGE TOP VIEW
BUILD FRONT & REAR
TRIANGULAR FRAME
ON HERE

FUSELAGE CONSTRUCTION:
1/20 SQ. & 1/20 SHEET

WING & CANARD RIB & TIP PLATE PATTERNS

FRONT
VIEW

FORWARD SUB FIN
OFFSET FOR TURN

FUSELAGE
SIDE
VIEW
BUILD
OVER
SHADED
AREA

L.G. &
TAILSKID
MOUNT
1/20 X 1/10
TYP.

WINDOW AREA

FRAME PATTERN
FOR HERE

CANARD MOUNTED ON 1/20
SHEET WEDGE, +3° INCEDENCE
(RELITAVE TO WING)

FRAME PATTERN
FOR HERE

3°
RIGHT
THRUST

L.G. PATTERN
.020 WIRE

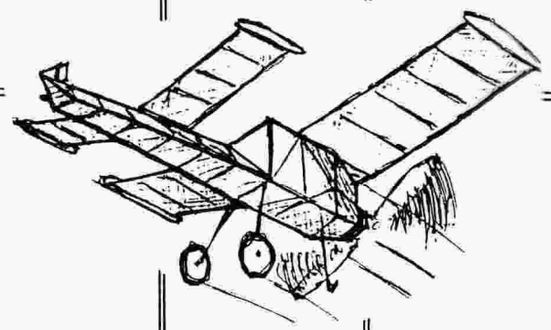
.39" DIHEDRAL ON CANARD
EACH TIP

PROP BLADE PATTERN
6" ø X 8" PITCH
1/32 2 PLY BALSA BLADES
FORM @ 35° AROUND 2.75 ø CAN
MOUNT ON HUB @ 45° @ 1.3 R.
USE GLASS BEAD(S) ON PROP
SHAFT SO PROP CLEARS FUESLAGE
& WING.

WHEELS: 2 PLY 1/32 SHEET
ALUM TUBE HUB

CANARD PLAN

1/2" DIHEDRAL ON WING
EACH TIP



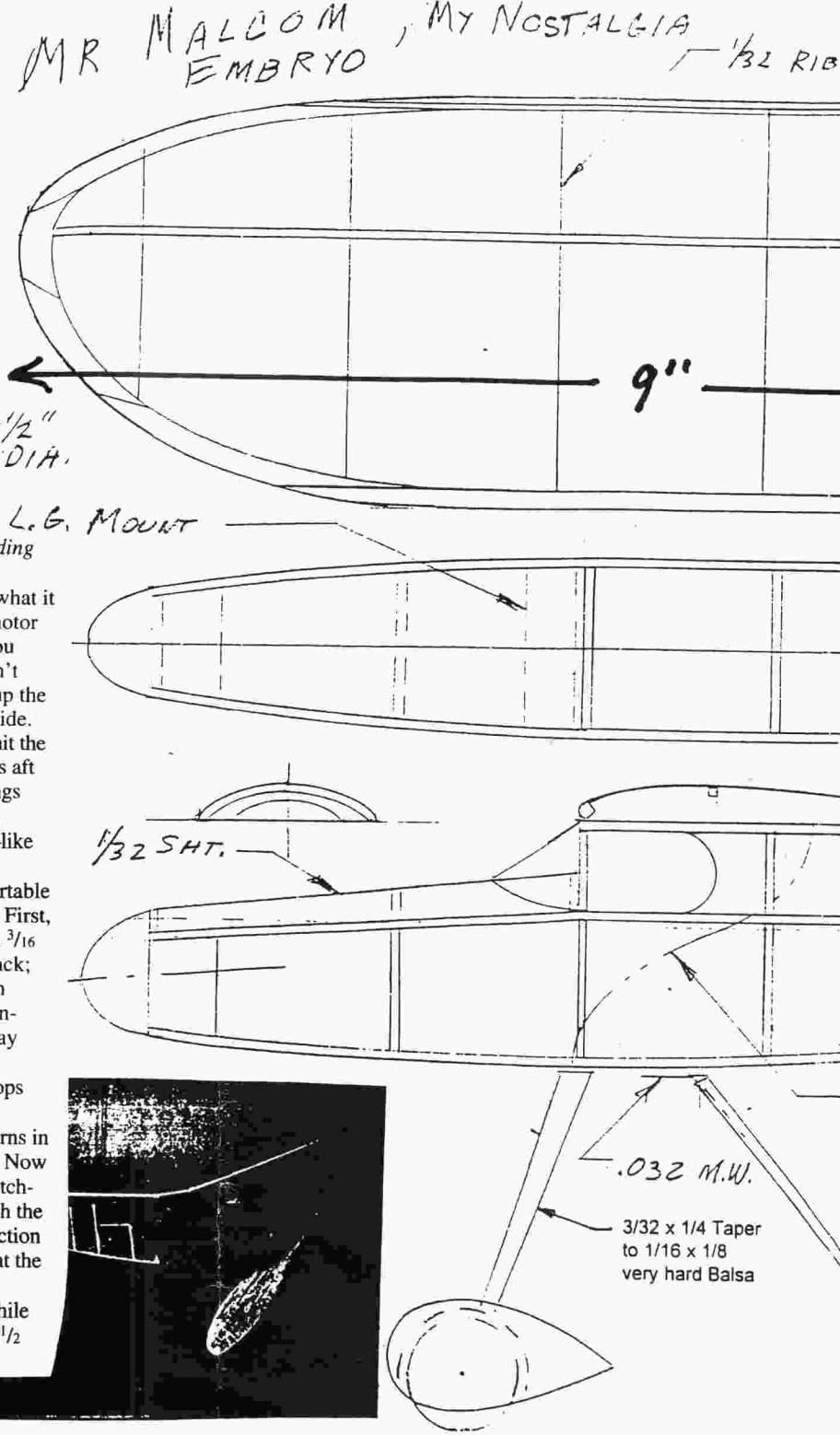
WING PLAN

0 1 2 3 4 5 6

SCALE IN INCHES

WING & CANARD CONSTRUCTION:
1/20 SQ. L.E., T.E. & SPAR
1/20 RIBS AT DIHEDRAL BREAKS & TIPS
1/32 RIBS ELSEWHERE
1/32 TIP PLATES

BOSTONIAN RULES:
MAX. SPAN: 16", MAX. CHORD: 3"
MAX. LENGTH EXCLUDING PROP: 14"
FUSELAGE MUST ENCLOSE A BOX 1 1/2" X 2 1/2" X 3"
2 WHEELS AT LEAST 3/4" ø; FLIGHTS ARE R.O.G.
MAX. PROP DIA.: 6"
COVER BOTH SIDES OF FLIGHT SURFACES, AT LEAST 1/16" THICK.
CANARD/STAB. MAX. 50% WING AREA
NO MOTOR STICKS




**People are confused** by the term *braiding* in regard to rubber motors. This is not braiding like in pigtails on little girls; what it amounts to is shortening a very long motor (lots of turns, not so much torque, if you remember previous lessons) so it doesn't flop around after it is unwound, mess up the center of gravity (CG), and spoil the glide.

Peanut-butter-and-jelly sandwiches hit the floor jelly-side down, and rubber collects aft of the CG, causing stalls. When two things can happen, the worst of the two is most likely—and at the worst possible time—like when you are going for your third max.

The Peck-Polymers Dietrich Convertable has very clear instructions on braiding. First, Peck explains how to make a 12-strand 3/16 22 1/2-inch motor that will have little slack; then they tell how to make up a 35-inch motor and braid it down to 22 inches. Instead of six loops 1/2 inches long, you lay out three loops 35 inches long.

To braid the motor, take the three loops and hook one end over a well-anchored smooth projection. Put 100 clockwise turns in the rubber (27 turns of a 3.75:1 winder). Now fold the motor over while keeping it stretched. Remove the winding hook, and attach the hook end of the motor to the same projection as the other end. Now place the winder at the middle of the motor (where it is folded). Wind in another 100 clockwise turns, while gradually letting the motor shorten to 22 1/2 inches. Holding the 22 1/2 inch length,

(10)

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C'MON, PILOTS. WE'RE COUNTING ON YOU TO MAKE THIS SEASON A SUCCESS

PLANS, STORIES, LETTERS, PHOTOS, SUGGESTIONS TO THE HANGAR PILOT ARE APPRECIATED!

(11) WORKING ON A FUTURE EVENT:

DOC, ED FUJITA OF HAWAII, & HERB WEISS OF CAL. ARE KICKING AROUND April 06, 1997 AN IDEA FOR A COMPETITION BASED ON THE RACE FROM CALIFORNIA TO HAWAII SPONSORED BY DOLE PINAPPLE CO IN 1928. INTERESTING READING

Hi Doc,

Received an e-mail from Dave VTO Linstrum last week and was I taken by surprise. In it he mentioned that you had forwarded my snail-mail to him. Dave had answered all my queries and am in touch with Bud Tenny's group list via the net. Thanks Doc!!!

By the way, I did receive my issue of "The Hanger Pilot" issue #185 a few days before I received the e-mail from VTO. I thought maybe my subscription had run out. Hope you had a very nice time at Las Vegas or is it Lost Wages???

Your suggestion in sponsoring a Paradise Postal sounds intriguing. I did not realize that there was an "Dole Pineapple Air Race" from California to Hawaii. If the races were held in the prewar era, then I was too young. I was 6 years old when the 2nd World War broke out. I remember sitting on the porch with the whole family when word came of the attack on Pearl Harbor. Living on the island of Hawaii, we were spared the attack.

In closing I would like to "Thank You Doc" for giving of yourself and finding the time to answer inquiries from the likes of me, editing and publishing "The Hanger Pilot", and what you have giving to the great hobby of ours - some of us like myself need all the help and advise we can get and I for one, appreciated it!!!

Thermals,
(we got them in our Gym here)

Ed

Ed Fujita
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NO PLANS, AS YET, FOR OUR ANNUAL AWARDS DINNER — TO BE ANNOUNCED

ON OCT 25+26 THE COAST GUARD WILL PROVIDE LUNCH FOR MAMA.

HERBERT K. WEISS
P.O.Box 2668
Palos Verdes Peninsula,CA
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(12)

9 July 1997

Dear Doc:

Thank you for the note. It's always good to be remembered.

My model building activities are on hold for the time being, and I am busy lightening ship. It may be only coincidence that the local library is holding a used books sale every month with a net profit I find it hard to believe.

Your idea of models of the planes in the Dole Race is a great one. At one time I was interested in the Dole because of the unique collection of one of a kind designs it attracted. And the way that it was considered normal for an experimental design to make its first flight to the start of the Race in California, and its second to Hawaii.

I remember a twin engined triplane, and a semi-flying wing (stab and rudders out on booms) in particular. I believe both failed to get very far off the ground. Then there were the better known Travel Airs and Stinsons a couple of which made it to Hawaii. Wasn't there a "flying schoolmistress" who was lost at sea in her "Miss Doran". And the Army flew the course a couple of weeks before the Race, reaching Hawaii in professional fashion in their Fokker trimotor.

Maybe someone else will commemorate the Dole with models.

.....

Back in 1982 I had an idea of doing models of the Curtiss S-series and got as far as the two preliminary sketches which I enclose. But then I saw a picture of a nice flying model of the S-1 in one of the model magazines, and a well known model builder (I have trouble remembering names these days) had plans for a beautiful model of the S-3 triplane (first version) in Flightmaster's newsletter (I think). So I was scooped. (WE WILL PRINT HERB'S 3-VIEWS- ED.)

And then Herb Kelley had a complete set of drawings of the Curtiss S-series in Leo's magazine a few months ago. Increadible detail and up to Herb's fine standard,- but I do prefer my side elevations of the S-1 and S-3.

On the theory side, I was looking at the well known equation for the theoretical still air range of a rubber powered model,-

Range = (prop.eff.)x(L/D)x(rubber wt/gross wt)x(rubber ft.lb./lb)

and note that it is independent of model size and weight,- at least weight is a "second order effect" hidden in "prop. efficiency" and (L/D) ratio.

The equation checks out for the published estimate performance of the man carrying "Rubber Bandit", and "ordinary" models from twin pushers to modern designs.

So I have been wondering, how about 2-inch wing span, and smaller. As Reynold's number is reduced it is probably hard to keep (L/D) and prop. efficiency up, but still...

(13)

Bill Hannan sent me a clipping on indoor models with about 3" wing span.

I looked up the "Model Aiplane Records" in the 1995 edition of the Guinness Book of Records, and find that they consider the "smallest model aircraft" to be a few bits of tissue and wood glued to a live horsefly. Well the SPCH will get after that in due course, but it seems sort of demeaning to have that listed among proper artifacts like the big paper airplane that was built by school kids under Hewitt Phillips' guidance.

Someone qualified person should set Guinness straight on what's cool and what's not.

Incidentally, the book does give instructions for how to get a record category established and records made "official".

So how about a REAL, TINY rubber powered flying model airplane. One inch span, ten miniute still air flight?

.....

Does anyone remember Prof. de Bobrovsky, Charley Grant's predecessor at M.A.N.? All these years I have disliked the guy because I tried to build from his plans in MAN in about 1928 and failed miserably. However from my present more forgiving point of view I am curious as to who he was and what he did for a living. Bill Hannan sent me a few of the Profs. old articles, and a friend in England has taklen an interest in him and located about a dozen additional. deB is an interesting study.

I think Grant did one thing that Prof. de B. hadn't learned,- I realized what it was when I read the acceptance speech of a physicist who was receiving an award for his work in analysing automatic control systems for industry, airplanes, spaceships and whatall. He said "The way to gain distinction in science is to find out what new things the engineers have got working, and then explain to them why they work."

Best wishes to all the gang.

The "Hangar Pilot" is still my favorite reading.

Ken

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Pilots: It's been a tough year. Lots of negative stuff. Let's hope this season is better —

Regards,

Don

(14)

HERBERT K. WEISS
P.O.Box 2668
Palos Verdes Peninsula,CA
90274

1 September 1997

Dear Doc:

Glad to have your note, and wish I could provide more on the Dole.

There is a whole book on the Dole race. It is the size of one of the Time/Life series and has pictures of all the entries (including those that didn't fly) and all of the people involved.I think the title is "The Great Air Race" but I may be wrong in that. NOT one of the Time/Life books. Out of print I guess, but definitely a collectors item.

I once had a copy of the Dole book, but I think it was in a couple of boxes of aeronautica that I donated to the San Diego Aero Museum. Unfortunately, I have no accurate record of my donations.

You may also find something on the Dole race, with pictures, in one of the Time/Life series,itself- perhaps in the volume "Air Racing".

The Dole no-show twin engine triplane may be pictured in the recent book on all known triplanes, which shows civil as well as military tripes. The Stinsons in the Dole may be shown in the book devoted to the Stinson family and their airplanes. I think the "Woolerac" and the "Aloha" were Stinsons. Another entry was a Buhl Airsedan, I think.

It would be interesting to see whether the Dole company still has photos on file from the race. Sorry I can't be of more help, but as I mentioned earlier, I have disposed of most of my library and files, and am doing my best to clear out the rest.

A line in your newsletter should bring help. Flightmasters (write Byron Calomiris, 3406 Fela, Long Beach,CA. ) has a fabulous aero library. They helped me with Curtiss pix years ago. Jim Alaback is on one of the advisory committees of the San Diego Museum, and might check their library for you. If you can locate the book on the Dole your problems will be over.

Do anything you please with the Curtiss sketches I sent you.

Thank you for the clipping by Kinky Friedman. That bit about the circle of fragile lives is only too true.

The enclosed may amuse you. That was am exciting week in Lawrence, Massachusetts, in 1931. what with me winning the American Legion Trophy (still displayed at tha San Diego Air Museum) and Mrs. Janet Kenney fainting dead away when the jury declared her "not guilty" of selling an auto she had leased. Neither event made the national news.

Best wishes

Herb

OCTOBER 18/19 PALM BAY GEORGE JAMISON MEMORIAL OUTDOOR FREE FLIGHT MEET C/D Ron Sharpton904-767-6138 Featuring ALL the usual free flight events Plus many dawn mass launch for P-30, Glider, Mulvihill' Gas,Unlimited rubber. ALSO DON BRIMMER CONDUCTS FLYING ACES EVENTS FOR KANONES: 813-525-6667CALL Them!

STAY FOR LUNCH! WHAT'S ON IN FREE FLIGHT?

OCTOBER 25/26 FIRST MIAMA MEET OF SEASON28 US COAST GUARD HANGAR St. Pete/CLEARWATER AIRPORT FAC Mass Launch: Golden Age C/D Rick MacEntee 813-722-6373 Great Cat. II site

NOVEMBER 15/16 PALM BAY DON BRIMMER'S SAM FALL Meet. ALSO this is the last FLYING ACES MEET for the MIAMA Summer series for the big, ugly, macho, in your face FAC Trophy, and as many Kanones you can grab. FAC MASS LAUNCH: 9 AM Biplanes, 11AM, Golden Age.

NOVEMBER 22/23..Confirmed..TAMPA,MIAMA INDOOR MEET #2.. THE NEW CAT II HOMER HESTERLY NATIONAL GUARD ARMORY. MaSS Launch...Biplane C/D Doc Martin 305-858-6363 BRING OUT THE GHOST SQUADRON ! !

DEC. 27/28. MIAMA ANNUAL KING ORANGE DELTA AIRLINE INDOOR MEET #3 TAMPA C/D Rich MacEntee...A good Cat. III. Mass Launch: Warplanes (I or II)

JAN. 24/25 TAMPA..Confirmed..MIAMA INDOOR MEET #4. National Guard Armory Flying Aces Mass Launch: Low or Mid wing.

**THE HANGAR PILOT**

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