THE HANGAR PILOT

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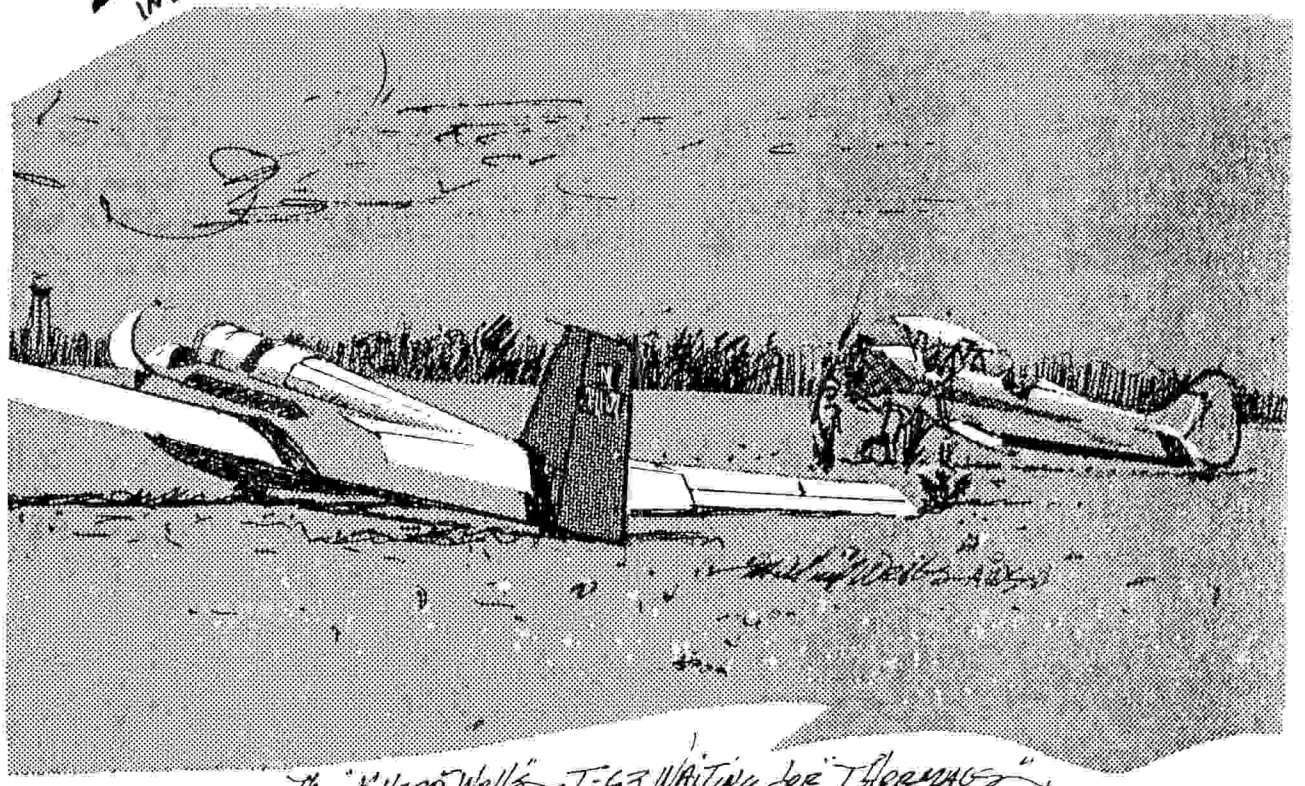
ISSUE 169 JAN 1995

MIAMI INDOOR AIRCRAFT MODEL ASSOCIATION — MIAMA

- DELTA KINGO. RESULTS MIAMA 3
- PISTACHIO INTER-GNATS
- MUCH MORE LEGAL EAGLE

FROM BARKER, VTO, ARONSTEIN, ALLISON + STOTT

24TH YEAR OF PUBLICATION
INDOOR ISN'T FOR EVERYONE



The "Willard Wells" T-63 WRITING for "Thermals"

NEXT MEET - MAC DILL FEB 11-12 9-5

NEXT LOCAL MEET - FEB 18 - SEE PAGE 11



"LIKE A LETTER FROM HOME" Whelan

THE HANGER PILOT

The Hanger Pilot, edited by John Martin Jr., who is solely responsible 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 986. 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, 3-views, complaints, gripes and compliments to: Dr.John Martin Jr., President / Editor, 2180 Tigertail Ave., Miami, FL 33133 USA. phone: 305-858-6163.

MIAMA MEET 3 DELTA KING 0.

The MIAMA-DELTA KING ORANGE was the last day of 1994 and first day of 1995. Doc was CD on Sat. and Don Brimmer on Sun. The Mini-Stick results will be in the next issue. A good field of 18 pilots was greeted by wide open hangar doors and two big jets inside. The planes were out, and the doors shut before noon, and the meet was extended two hours to compensate for lost time. Good warm Florida weather prevailed and the warm lights soon burned off the moisture, and conditions were good until a horn blew about 4 PM and the doors opened to admit a sick MD-80..meet over.

As is usual with the King Orange we had State records set in 5 events. Walt VanGorder improved on his Unlimited Penny Plane record (That he set last year) by over 40 seconds at 12:42. Walt holds the state Easy B record of 19:06.7. He also improved his Mini-Stick record from last year (9:30) to a new record 9:44.5. In the new Legal Eagle event,John Barker set the record at 453 (Total of three flights) flying his SCIMITAR LE. Plans for this appear in this issue..best flight 3:27. Congratulations to Sidney Gilbert for a state Model of a Model record of 1:31 with his Pussy Cat Pistachio. Ron Ganser, on his annual visit from Pittsburgh, came within a few points of the State Record as he won Peanut with his Voisin Hydroplane. VTO-the kokonut king defended his title by winning the event with his Zippy- it let him down in the mass launch by blowing it's motor. Doc won the other two ML events. Surprisingly his beat up, warped,vintage Nieuport 10 prevailed over much "nicer" planes with a 48 sec. flight. Wayne Trivin, versatile all events man, set a new record in Dime Scale with his Comet Curtiss Robin- it flies over 2 minutes! This is Wayne's 10th State Record in Cat I and Cat II. 2 in glider, 4 in indurance,and 4 in scale. Dick Obarski, who holds the state record in Flying Aces NO-CAL won it again at 4:51 with his Lacey. followed by Ohio's John Voorhees very realistic and great flying Navy Curtiss Seagull at 3:33.

NEXT MEET FEB 11,12 MACDILL RACE PLANE M-L.

5/8 5/7/0 1

DELTA KING ORANGE DEC 31 JAN 1 1994/95 (2)

HAPPY NEW YEAR

19 MORE PLANES FLEW THAN IN 1994

AMA PEANUT SCALE:

1.Ron Ganser	Voisin Hydroplane	102.5	1:40	1:56 Max 203.7
2.Sidney Gilbert	Lacey	86.2	1:43	1:57 Max 172.4
3.Doc Martin	Astra Tandem	89.0	1:18	1:18 167
4.Don Brimmer	Lacey	82.5	1:03	1:08 148
5.Millard Well	Huntington H-12	72.6	1:18	1:20 Max 145.2
X. " " "	Clip Wing Cub	83,5	:52	:59 139
X " " "	Eastbourne Mono	78	:59	1:01 138
X " " "	Cessna Cardinal	71	:56	:58 128
6.Walt Schlesinger	Cougar	82	:38	:38 120

FLYING ACES SCALE

1.Millard Wells	Waco SRE	1:26	(73)70		142
3.Doc Martin	Dornier Komet	1:02	(61)59		120
2.Sidney Gilbert	Comper	1:23	(71.5)		124
4.Don Brimmer	Cessna	:58	52		110
5.W. Schlesinger	Lep. Moth	:41			98
X. M Wells	Curtiss Falcon	65.5	:49		115

MIAMA PISTACHIO SCALE

		Stat		Flt.	
1.Ric Choate	Citabria	2	1:18	2	4
2.Doc Martin	Goldwing	3	1:37	1	4
3.Dave Linstrum	Komet	3	1:10	3	6
4.Sidney Gilbert	Fike	3	:53	4	7
5.Don Brimmer	Jungman	1	:23	7	8
X.DocMartin	Messer. M-20	4	:58	4	8

PISTACHIO MODEL OF A MODEL

★ NEW STATE RECORD

1.Sidney Gilbert	Pussy Cat	1:31
2.Charlie Johnson	Pussy Cat	1:23
3.Dave Linstrum	Farthing	1:08
4.Don Brimmer	Boston Found	:38
5.W.Schlesinger	Pussy Cat	:31

FLYING ACES EMBRYO ENDURANCE

1.John Barker	Swordfish	3:16	2:59	2:41
2.Wayne Trivin	Yellow Bird	3:08	2:33	1:54
3.Earl Thomas	Hornet	1:53	1:42	1:42
4.Sidney Gilbert	Top Banana	1:58	1:48	1:17
6.Carl Hedley	Canard	1:32	1:28	:53
5.Don Brimmer	Hornet	1:42	1:31	1:30
7.W.Schlesinger	12½¢	:47	:47	:39

AMA BOSTONIAN EVENT

1.Wayne Trivin	Living Colors	1.12	512.9
2.John Barker	Scimitar III	1.12	507.3
3.Dick Obarski	GEN-DI-50	1.10	427.9
4.Ron Ganser	Silver Fin	1.11	411.8
5.Carl Hedley	7-Up	1.11	337.4
6.Millard Wells	Blue Fin	1.10	302.5
7.Don Brimmer	Ugly	1.10	214.5
8.Earl Thomas	Basic Bost	1.10	209
9.Sidney Gilbert	5 of 7	1.11	187.5
10.Walt Schlesinger	Bost Bean	1.11	106.5

MASS LAUNCH EVENTS

MIAMA PEANUT MASS LAUNCH

1.Doc Martin
2.Millard Wells
3.Ric Choate
4.Don Brimmer
5.Carl Hedley
6. W.Schlesinger
7.Sidney Gilbert
8.Wayne Trivin
9.Dave Linstrum

FLYING ACES WW I

1.Doc Martin Nieuport 10
2.M. Wells Fokker DVII
3.Schlesinger Nieuport 17
4.Don Brimmer S.E.5

MIAMA COCONUT

1. Ric Choate
2.Millard Wells
3.W.Schlesinger

AMA NOV. PENNY

1.Walt Van Gorder	11:41.6
2.Wayne Trivin	10:46
3.John Barker	10:25
4.Dick Obarski	10:18
5.Newt Bollinger	5:31

AMA UNLIMITED PENNY

★ NEW STATE RECORD

1.Walt Van Gorder	12:42
2.Joe Nuszer	11:58
3.John Voorhees	11:30
4.John Barker	9:33
5.Dick Obarski	7:08

AMA E2B

1.Walt Van Gorder	18:27
2.Dick Obarski	17:17
3.John BarkeR	15:30
4.Joe Nuszer	14:07

FLYING ACES NO CAL

1.Dick Obarski	Lacey	4:51
2.J. Voorhees	C. Seagull	3:33
3.Wayne Trivin	Farman	3:24
4.Newt Bollinger	Lacey	2:53
5.Sid Gilbert	Finnair	2:12
6.Carl Hedley	Hellcat	2:06
X " " "	Zero	1:49
7. W. Schlesinger	Avia	:30

MIAMA COCONUTSCALE

1.Dave Linstrum	Zippy	1:41.9
2.Ric Choate	Centennial	1:34
3.W. Schlesinger	Hi-Max	:14
4.Millard Wells	Ford	:10

MIAMA DIME SCALE

★ NEW STATE RECORD

1.W. Trivin	Comet Robin	385
2.D. Brimmer	Cessna	294
3.D.Obarski	C. Robin	230
5.Doc Martin	Mess.M-29	147
4.M. Wells	Douglas Obs.	164
6.Dave Linstrum	Puss Moth	146
7.N. Bollinger	taylor Cub	145
8. W.Schlesinger	Nie 17	91

LEGAL EAGLE 453

★ NEW STATE RECORD

1. John Barker	3:27	1:26	2:40
2.Dave Linstrum	:58	:61	:68
3.Carl Hedley	:40	:44	

PISTACIO - BET YOU CAN'T FLY JUST ONE.

JAN 14, 15 1995. YOUTH FAIR. MIAMI

Not since April 1992 have we had a WORLD INTER-GNATS. In Aug. of '92 came Hurricane Andrew and messed up my home and totalled many unreturned entries. This was 12th World Inter-Gnats and there will be a 13th. (Started in May 1984)

The Youth Fair site has become increasingly difficult since we first flew there in 1972. The only CAT. I site we currently fly, it is a trap of hanging wires and huge dangling fans. All who flew wacked into them from time to time. The meet was well attended but was top heavy in local flyers instead of proxys.. True to our motto "We will fly your model better than you do.", the proxy flyers did a great job. From a total of 33 entries we had 5 Model of a Model, 24 scale, 5 no fly, and no ridottos. All rubber pwoered. The next big Pistachio meet is at Johnson City.

Of the 105 flights the best was Doc,s State Record 1:38.9 with his Goldwing, and the worst was 23 sec. Twentythree seconds is NOT BAD . As tough as these are to trim I'm amazed that only 4 did not fly. Two Mauboussin tandems entered- one from Israel, and one from Pretty Prarie, Kansas. Charlie Slater proxy flew them and the one from Pretty Prarie prevailed. We had Fikes from California and Reno. Millard flew Bensons Fike,but Nunez totally retrimmed Hummel's Fike because it would not fly at all. The ultimate NICE GUY AWARD goes toJuergen Kortenbach. He assisted Nunez to fly this Fike better and better. The flights were so good it pushed Juergen out of 1st letting Doc slip into 1st, with Juergen 2nd (1:22) andHummel 3rd(1:14.7). 4th was the Nieuport French sesquiplane of Nunez that has won many past events, 5th was the Fike of Benson proxy flown by Millard and 6th was the Mike Conkling Mauboussin also flown by Millard.

Best looking air fleet belonged to George Nunez with scale scores of 1,1,2,4,4,8 & 10 His Blackburn Airdale, and Breguet 14 came to life after years in limbo, and the star of the show was his little Polikarpov I-16 MOSKA from Aeromodeller plans. This little bullet that looks like an olive green Gee Bee without pants flew at a scale 400 MPH and managed 30 sec on its best crowd pleasing flight. George Senior had his best day withseveral personal bests. One of my favorites..a Scientific STREAMLINER model of a model is a replica of Sr's 1st spark ignition gas model in 1935. . Pilots.. you shouldsee Juergers" sleek, grey, low wing Heinkel 100...Can you believe 1:14.7 in a 25 foot room?

PART TWO: Catagory I State Records The FART VI In the Florida Annual Record Trials Millard tried hard to break his own Peanut record of 129.8 set in 1992 with his P-40. He did 129 with Piper Vagabond, 127 with Eastbourne mono, 122 with Dallaire Sopwith Camel, and 116 with J-3 Clipped wing Cub. Nice try. New Records Set: LEGAL EAGLE George Nunez 252, DIME SCALE: Don Brimmer ,Cessna,119. PISTACHIO: Doc Martin, 1:38.9 GOLDWING

LEGAL EAGLE NEWS —

This issue of Hamgar Pilot features the latest in Legle Eagle news. Every now and then a compelling event comes along that intrigues almost everyone into some kind of response. Witness the Peanut and Pistachio, the Bostonian and Mini-Stick. Looks like Dave Stott pushed a button here. I believe Legal Eagle will fulfill what Bostonian hoped to achieve, but failed. Have you seen the winning Bostonians lately? Talk about CHARISMA ! The winning models make Fikes and Laceys look like glamorous race planes. Everyone seems to want to sketch out an Eagle and many have been built so far. CAUTION: none of the plans presented here has been checked by HQ. Some of these may not be OK for various reasons. Double check the rules if you start to build. Dave meant these rules for both indoor and out, but it looks like a weight minimum may be needed for indoor..How about 8 gm.? Here we go- probably screw up a good event

WORLD INTER-GNATS 12 1995 (4)

Builder and Model	Scale Points	Two best flights			Total Points
1.Doc Martin Goldwing Ultralite	5	1:07	1:38.9	(1)	6
2.Juergen Kortenbach Heinkel 100	4	1:07	1:14.7	(3)	7
3.Ron HummelReno NV. Fike E	7	1:11	1:22	(2)	9
4.Geo.Nunez Nieuport NiD 52	1	:43.2	:42.3	(9)	10
5.Doc Martin Messerschmitt M 20	6	:55.8	1:02.9	(4)	10
6.G. Benson Mill Valley,CA Fike E	6	:49.0	:45.0	(5)	11
7.Mike Conkling,Pretty Prarie,KS Mauboussin Hemeptre	5	:42.1	:47.6	(7)	12
8.Doc Martin Windham Tandem	5	:44.2	:45.0	(8)	13
9.Geo. Nunez Breguet 14	2	:37.8	:36.3	(13)	15
10.DaVE Linstrum Dornier Komet	4	:44.0	:35.3	(11)	15
11.Geo. Nunez Blackburn Airdale	10	:41.5	:48.8	(6)	16
12.Millard Wells SE-5	5	:39.5	:37.4	(12)	17
13.Geo. Nunez Sopwith Triplane	1	:31.2	:27.5	(17)	18
14.Millard Wells Huntington H-12	8	:41.0	:40.0	10)	18
15.Doc Martin Dornier Falke Seaplane	3	:30.6	:31.2	(16)	19
16.Millard Wells Fokker Tripe	4	:28.7	:30.6	(17)	21
17.Enrique Maltz Israel Mauboussin Hemeptre	6	:29.3	:36.3	(15)	21
18.Geo. Nunez Sr. Sperry Jenny	9	:34.8	:33.5	(14)	23
19.Geo. Nunez Polikarpov I-16 Moska	4	:24	:30	(20)	24
20.Millard Wells Lacey M-10	6	:25.6	:32.3	(18)	24
21.Don Brimmer Jungmann	2	:24.5	:23	(25)	25
22.Geo. Nunez Fokker D Vlll	4	:25.5	:27.9	(22)	26
23.Geo. Nunez SR. Stinson Voyager	8	:26.6	:30.0	(19)	26
24.Geo. Nunez Jr. Piper Vagabond	8	:26	:28	(21)	29

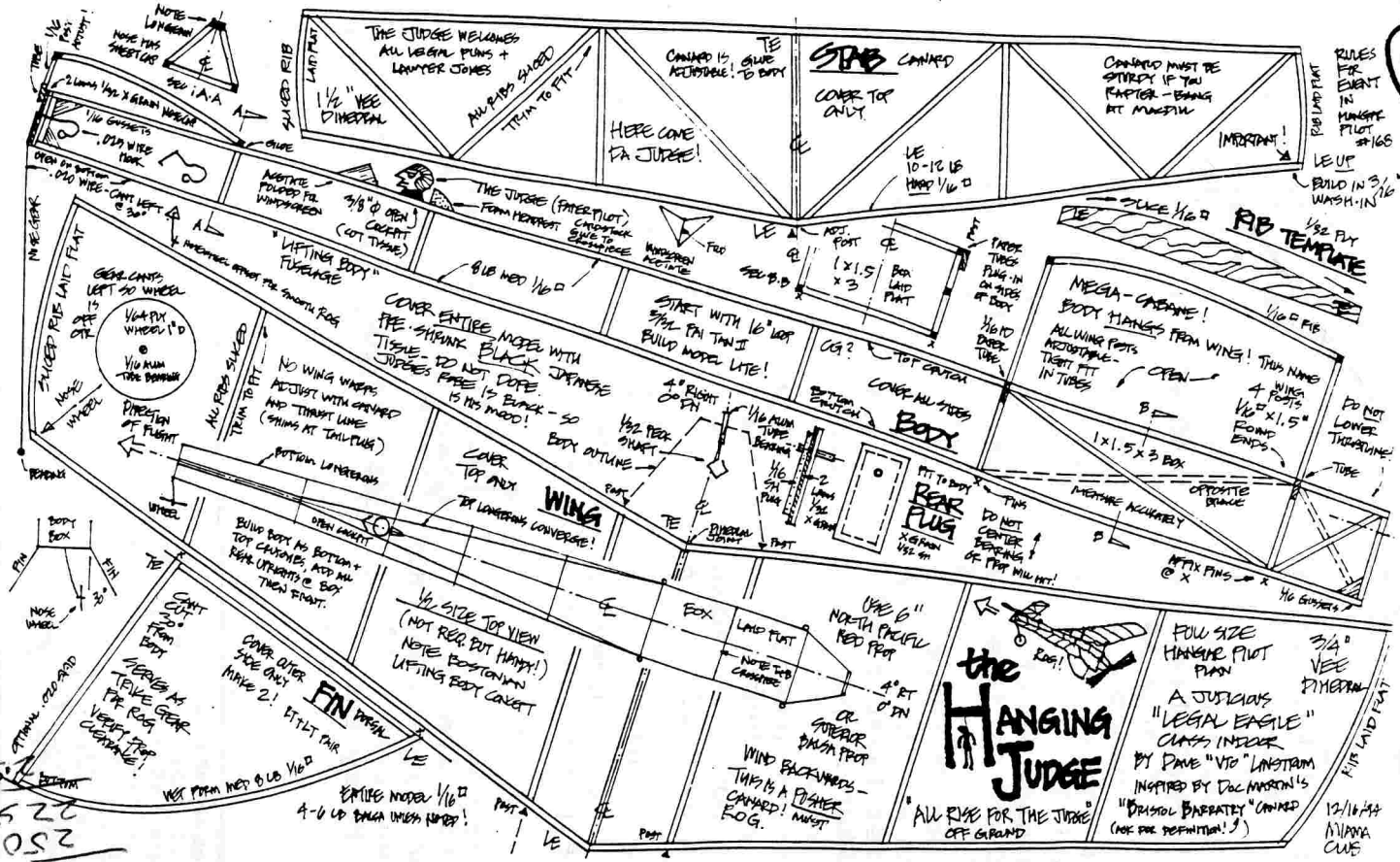
PISTACHIO MODEL OF A MODEL

1.Don Brimmer	Pussy Cat	1:04.5
2.Dave Linstrun	Pacific Ace	:47.7
3. Geo. Nunes	Senior Streamliner	38.5
4.Don Brimmer	Boston Found	:37.5
5.Walt Schlesinger	Pussy Cat	:24.5

RESULTS OF 12TH WORLD INTER-GNATS GOOD FLYWG TIMES, PILOTS.



Submitted by VTO


the HANGING JUDGE
"ALL RISE FOR THE JUDGE"
OFF GROUND
A JUDICIOUS "LEGAL EAGLE" CLASS INDOOR
BY DAVE "VIC" LANSTROM
INSPIRED BY DOC MARTIN'S "BRISTOL BARBARY" CANARD
(NOT FOR DEFINITION!)
FULL SIZE HANGAR PILOT PLAN
3/4" VEE DIMEDRAL
12/16/84
MIAMA CLUB
RULES FOR EVENT IN HANGAR PILOT #168
5
THE JUDGE WELCOMES ALL LEGAL PUNS + LAWYER JOKES
HERE COME DA JUDGE!
THE JUDGE (PAPER PILOT) FROM HEADREST
CANOPY
STAB
COVER TOP ONLY
CANARD MUST BE STIFF IF YOU FLAPTER - BANG AT MARTIN
IMPORTANT!
LE-UP
BUILD IN 3/16 WASH-IN
1/2" VEE DIMEDRAL
ALL RIBS SLICED
TRIM TO FIT
SLICED RIB
LAND FLAT
RUB LAND FLAT
SLICE 1/16
RIB TEMPLATE
1/32 PLY
1/16 RIB
MEGA-CARBARE!
BODY HANGS FROM WING! THUS NAME
ALL WING POSTS ADJUSTABLE - TIGHT FIT IN TUBES
OPEN
4 WING POSTS 1/16 x 1.5" ROUND ENDS
1x1.5x3 BOX
DO NOT LOWER THRUSTLINE!
TUBE
OPPOSITE BRACE
MEASURE ACCURATELY
AFFIX PINS @ X
1/16 GUSSETS
BODY
COVER ALL SIDES
BUTTON FASTENER
CG?
TOP CANOPY
START WITH 16" LOG 5/32 FAI TAN II BUILD MODEL LITE!
4° RIGHT SIDE THRUST
1/16 ALUM TUBE BEARING
1/32 PEEK SHAFT
1/16 SM PLUG
2 LOOPS 1/32 x 4 GRAM
REAR PLUG
FIT TO BODY
X GRAM USE 4M
DO NOT CENTER BEARING OR PROP WILL HIT!
PINS
WING
COVER TOP ONLY
TOP LONGERONS CONVERGE!
BUTTON LONGERONS
OPEN BASKET
NO WING WARPS! ADJUST WITH CANARD AND THRUST LINE (SHIMS AT TAIL PLUG)
ALL RIBS SLICED
TRIM TO FIT
BUILD BODY AS BOTTOM + TOP CANOPIES. ADD ALL REAR UPRIGHTS @ BOX THEN FRONT.
1/2 SIZE TOP VIEW (NOT REQ. BUT HANDY!) NOTE BOSTONIAN LIFTING BODY CANOPY
FIN
COVER OUTER SIDE ONLY MAKE 2! BTLT PAIR
CANT OUT 30° FROM BODY
SERVES AS TRIVE GEAR FOR RAG VERIFY PROP CLEARANCE!
OPTIONAL COLD AIR
BOTTOM
WET FOAM WEDGE @ LE 1/16
ENTIRE MODEL 1/16 4-6 LB BALSA UNLESS NOTED!
FUS
LE
TE
POST
BOX
LAND FLAT
NOTE TAB CLEARANCE
USE 6" NORTH PACIFIC RED PROP
4° RT 0° DN
OR SUPERIOR BALSA PROP
WIND BACKWARDS - THIS IS A PUSHER CANARD! MUST ROG.
ROG!
FIN LAND FLAT
LIFTING BODY
MOTOR
GEAR CANT 30 WHEEL IS OFF CL
1/64 PLY WHEEL 1" D
1/16 ALUM TUBE BEARING
DIRECTION OF FLIGHT
NOSE WHEEL
BODY BOX
FIN
NOSE WHEEL
3°
NOTE LONGERONS
NOSE PINS SHEET LOC
2 LOOPS 1/32 x 4 GRAM WINDER
1/16 GUSSETS
.020 WIRE HOOK
GLUE
OPEN BOTTOM .040 WIRE - CANT LEFT @ 30°
INCIDENCE BUILT INTO FUSELAGE
3/8" ϕ OPEN CREATT (CUT TISSUE)
WINDSCREEN NOTCH
FWD
"LIFTING BODY" FUSELAGE
BLU MED 1/16
COVER ENTIRE MODEL WITH PRE-SHRUNK BLACK JAPANESE TISSUE - DO NOT DOPE PAPER IS BLACK - SO IS MY MOOD!
SLICED RIB LAND FLAT
ALL RIBS SLICED
TRIM TO FIT
NOSE WHEEL
DIRECTION OF FLIGHT
BOTTOM LONGERONS
WING
COVER TOP ONLY
TOP LONGERONS CONVERGE!
OPEN BASKET

9

1/64 PLATE (PLY w/ LIGHTNIN' HOLES)

S-HOOK .025 M.W.

△ FUSE SECTION AT TAIL BLOCK

TIP RIBS HAVE FLAT BOTTOM. ROOT RIBS ARE FLAT. ALL OTHER RIBS 1/16 □ ONLY — UNDERCAMBERED

CANARD INCIDENCE CAN BE INCREASED WITH SPACERS BETWEEN T.E. & FUSE.

.003 ACETATE CABIN.

30° windshield ON CABIN 2 FLAT FRONT SIDES + FLAT TOP

INTERNAL BRACES FOR MOTOR PEG CENTER THE MOTOR

3/32 ALU MOTOR PEG

TACK GLUE

STEERING FIN ADJUSTABLE

TACK GLUE

6

TISSUE-SKINNED FOAM

.020 or .025 SINGLE SKID ("V" STRUTS - 1/16" BALSA)

OPTIONAL BRACE AS REQUIRED

ADJUST THRUST L or R TO COUNTER TORQUE DEPENDS ON L or R HAND PROP. NO DOWN THRUST.

L.E.

ROOT RIB

FUSE CENTERLINE

ROOT RIB

TIP RIB

7# 6#

USE CONTRASTING COLOR FOR TOP SCALLOPED LEADING EDGE POCKET USE DRY GLUE (STICK) TO LIGHTLY TACK IT TO BOTTOM COVERING BETW. RIBS.

TRAILING EDGE POCKET (TOP)

1/16 6#

ALL RIBS 1/16 □ BOTH WINGS

FUSE TOP VIEW 25%

3"

1.5"

TIP RAISED TO 45°

MAY WANT TO REINFORCE W/ FAIRING - 1/16 x 1/8 ○ 5# BALSA

.020 or .025

TEFLON TUBE HUB

WHEELS 1/64 PLY HARDWOOD (required, at least one).

TOP COVERING ("deep pocket!")

L.E.

6# 6#

1/16 Braces

RECTANGULAR

TRIANGULAR

1.5"

3"

FUSE WIDENS IN MIDDLE TO ENCOMPASS 1.5" x 3" long volume (see top view)

SUBFINS IF REQUIRED

TIP RIB

TIP RIB

6# 1/16 □

5# 1/16 □

5# 1/16 □

ROOT RIB + FUSE LONGERON

PEAK OF △ SECTION OF FUSE

FUSE CENTERLINE

ROOT RIB - FLAT SINGLE 1/16 □ PIECE

TOP COVG.

THE 11TH CHAPTER RAPTOR

A FINANCIALLY CHALLENGED LEGAL EAGLE

(1080)

COMMEMORATING THE ORANGE COUNTY COP OUT '94

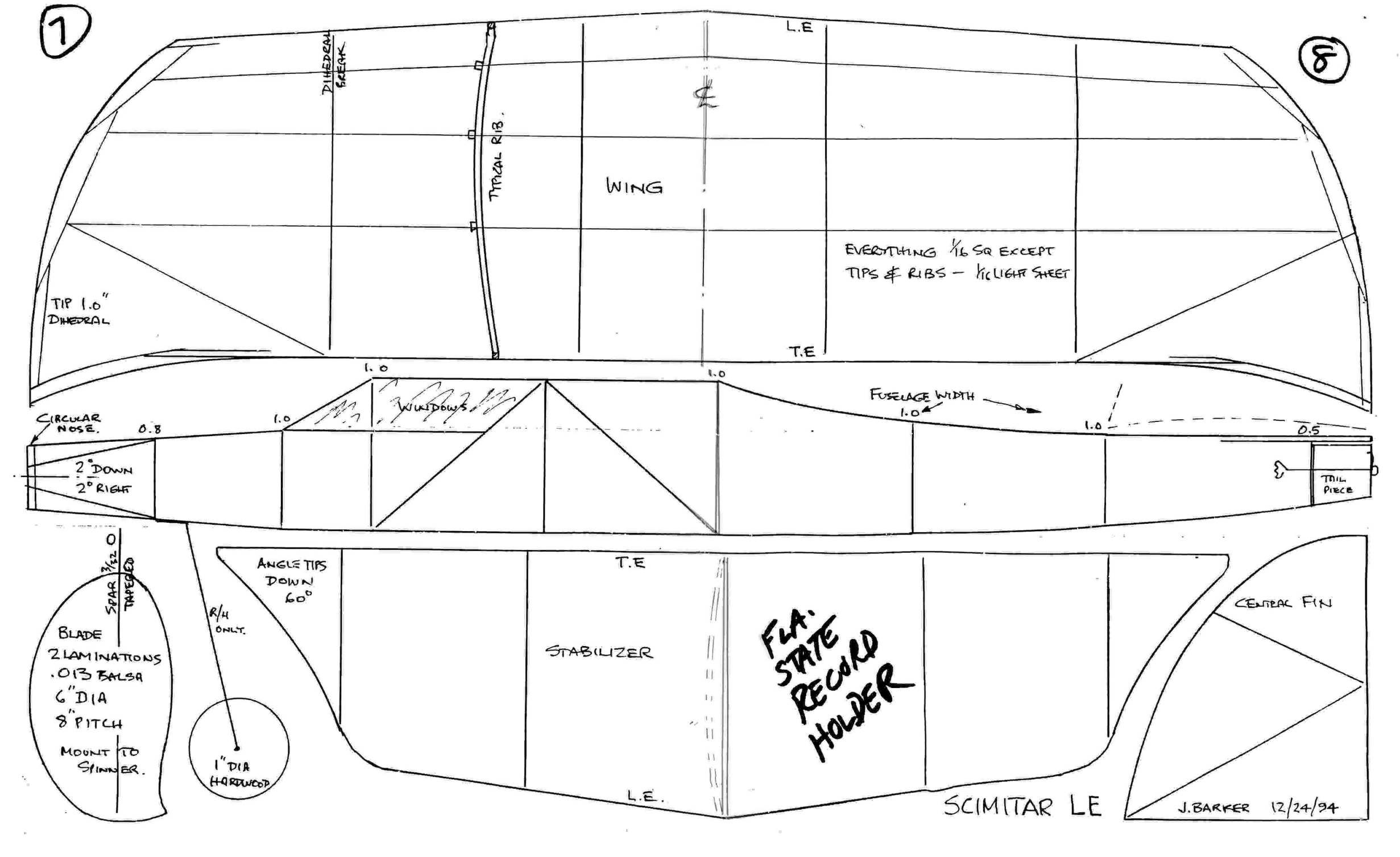
by MARK ALLISON

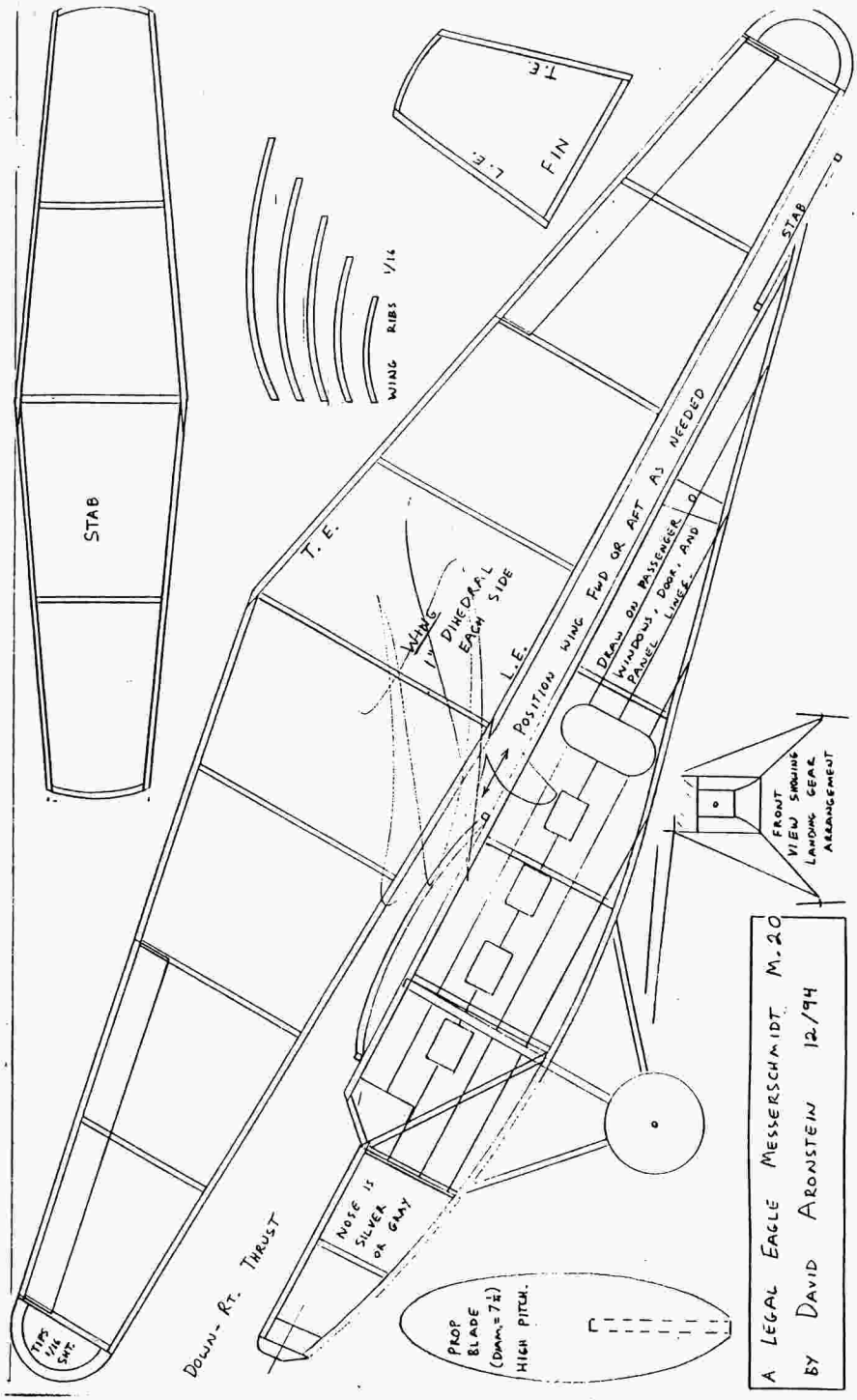
12-23-94

COVER BOTTOM OF FLYING SURFACES + TOP TO DOTTED LINES COVERING L.E. + T.E. JAPANESE TISSUE REQUIRED. ALL 1/16 □ WOOD REQ'D. MINIMUM

ROOT RIB SITS UNDER LOWER LONGERON OF FUSE

TIP RAISED TO 45° (DRAWING SHOWS FULL SPAN TIP TO TIP ON WING + CANARD)


7
8
L.E
DIHEDRAL BREAK
TYPICAL RIB.
WING
T.E
EVERYTHING 1/16 SQ EXCEPT
TIPS & RIBS – 1/16 LIGHT SHEET
TIP 1.0"
DIHEDRAL
1.0
1.0
WINDOWS
FUSELAGE WIDTH
1.0
1.0
0.5
CIRCULAR NOSE.
0.8
1.0
2° DOWN
2° RIGHT
TAIL PIECE
0
3/32
SPAR
TAPERED
BLADE
2 LAMINATIONS
.013 BALSA
6" DIA
8" PITCH
MOUNT TO SPINNER.
R/H ONLY.
1" DIA HARDWOOD
ANGLE TIPS DOWN 60°
T.E
STABILIZER
L.E.
FLA. STATE RECORD HOLDER
CENTRAL FIN
SCIMITAR LE
J.BARKER 12/24/94



(10)

DAVE ARONSTEIN SUBMITTED THIS EAGLE WITH THE COMMENT - "IT'S A NEAT EVENT - WILL YOU BE FLYING IT AT JOHNSON CITY?"

HE PREDICTS 5 MINUTES.

S.O.S.
1930'S PLAN FOR CURTISS A-8 ATTACK FROM G.H.Q

FRANCIS ROWE
ANGLER'S LOT 271
ANGLERS COVE W.
944 REYNOLD'S RD.
LAKELAND FL
33801

SEE YOU IN FORT LAUDERDALE FEB 18

(11)

NEW LOCAL SITE

FORT LAUDERDALE !

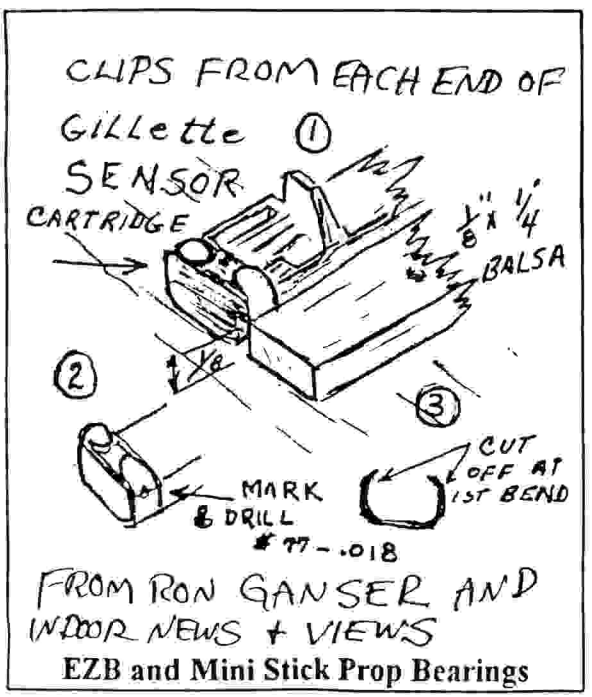
OLD TIME MIAMA MEMBER CHARLES SLATER IS MOVING. AT HIS NEW HOME HE HAS A HANGAR. Floor- 50' x 50'. Ceiling- 20 ft. Cat I.. A TIGHT Cat. I . MIAMA IS HAVING A MEET THERE SATURDAY FEB 18 from 9 to 5.

Bring your Cat. I models, pistachios, Legal Eagles, Mini- Stick, Peanuts, anything suitable for a small site. We will organise some mass launches.

TO GET THERE: Take I-95 and exit at DAVIE BLVD. in Ft. Lauderdale.
Go West to 27th Ave. (Riverland Road)
Left on 27th Ave. for about ½ mile to 26 Ave.(Tan Concrete Wall)
LEFT on 26 Ave...1st entrance on left is 2350 SW 26 Ave.
If lost..305-584- 4342

SUPPORT LOCAL MEETS

SAT. FEB 18



FROM RON GANSER AND INDOOR NEWS + VIEWS

EZB and Mini Stick Prop Bearings

FLYING ACES

INDOOR CLUB

FLYING ACES — MIAMI INDOOR AIRCRAFT MODEL ASSOCIATION — SQDN. 11

MIAMA INSIGNIA ON ALL FAC MODELS.

DEC. 19, 1994

HI DOC,

ENCLOSED FIND CHECK FOR $12.50 FOR "HANGAR PILOT" - 1995 ISSUES.

SURE WAS SURPRISED & PLEASED TO SEE "LEGAL EAGLES" CREATE A BIT OF TURBULENCE! I EVEN HAD SOME WILD IDEAS OF MIXED POWERED LEGAL EAGLES (ELECTRIC, CO^2, & RUBBER) FLYING IN THE SAME EVENT, OUTDOORS, OF COURSE FOR THAT ONE.

YOUR 2 DESIGNS ARE SNAPPY BIRDS, BUT THE PARASOL NEEDS TO LIVE UP TO "DESIGN REQUIREMENT" #3 MORE COMPLETELY. I DID NOT SEE A WINDSHIELD & HEADREST. (WE SCALE GUYS ARE SUCH CRITICAL BOZOS).

ISN'T THIS A GREAT GAME WE ALL PLAY?

Dave Stott

STOTTSKY, PINKHAM AND STOTTSKY,
ATTORNEYS AT LAW
OF AERODYNAMICS.

DAVE STOTT
4304 MADISON AVE.
TRUMBULL, CT 06611

RE: LEGAL EAGLE
DAVE STOTT TO VTO

Dec., 28, 1994

Dear Victim,

As I mentioned to Doc Martin, I am surprised at the stir this off-hand idea has created. I did think that it might have more appeal to indoor flyers, though the rules are written to cover outdoor flying as well. You might take note that the power to be used is not mentioned. Although it is too soon to say for sure, I did have the thought that the event could be flown with mixed power. That is, CO^2, electric, and rubber competing against one another. This is outdoors, in all probability. Some guy might come along with a Kenway and a bunch of good batteries and pull a Maxwell Bassett.

I can also see where this event might become a real "court battle" in interpretation of the rules. Your two interesting designs do not have the wheel on the landing gear. Some of the drawings I have seen have smaller scale components superimposed over other drawings. And, as in law, once a precedent is set is is difficult for a judge to make a contradictory ruling without all kinds of flak. There are many rule benders out there and I think they will have a field day with this one unless the rules are written in such detail as to make the whole thing work instead of fun.

Picture the CD who brings a cardboard tray, plastic sheet, gallons of water, and a Legal Eagle on floats and declares the ROG be from this pool of his own making!!!! I know, I am exagerating. But, years of trying to protect the FAC rules from madness of rule bending nature has warped my mind, I guess. Anyhow, have fun with it while it is all as yet untarnished.

SOME LETTERS ABOUT LEGAL EAGLE

(2)

(13)

ALOHA JOE WACHTER FROM ED KURAMOTO HONOLULU INDOOR MODELERS

Dr. Bill Harris received the sad news that the Good Ole Boy, Joe Wachter, succumbed to abdominal aneurysm and passed away on October 4, 1994 at the Kennedy Hospital in Cherry Hill N.J. Joe's interest in modeling started in the 1930's when he spent every weekend at local New Jersey airports watching real and model aircraft. Those were the days when interest in aviation was an exciting and common activity.

Joe enlisted in the US Army Air Corps during WWII and became a top-turret gunner on B-24's. He was shot down over Yugoslavia on April 28, 1945. Joe received head injuries and was captured and later treated by German medical personnel. During his capture, he found himself on a German railroad flatcar retreating from the Allied advance. Noting the slow progress of the train, Joe and an RAF crew member jumped off the flatcar and escaped. They were found by British forces who returned them to Allied lines. His family, in the meantime, had received notice of his Missing In Action status on May 10, 1945. By then Joe had already received the Air Medal with Oak leaf clusters.

We met Joe when he lived in Hawaii in the mid-80's. He would show up at most of our flying sessions, pass out plans and give sage advice to the newer (and older) modelers. After returning to New Jersey a few years ago, Joe kept us continually supplied with unique, interesting and rare model airplane plans accompanied by the most extraordinary letters, beautifully written in his signature calligraphic style.

65.5
15
50

Services for Joe were held on October 15 1994. Our club plans to offer a Catholic mass card in Joe's name as requested by his sister.

We will all miss Joe, the friendly and charming Good Ole Boy and master scale modeler. Aloha Joe. Aloha no ka kou. Aloha oe. Good flying.

JOE WAS MIAMA LIFEMEMBER #1 + CONTRIBUTOR TO HANGAR PILOT.

A WORD OF CAUTION FROM WALT ERBACH

Here we go again. Legal Eagle ---> Power Not specified. Anything goes, CO2, electric? One of my life long gripes: People are so gung ho to push an event they've thought up they do not bother thinking through what is wrong with the rules they've written. They know what their rules are supposed to mean so they don't look from the viewpoint of the person who tries to understand what is wanted, not what's written.

THE LEGAL EAGLE EVENT.

DRAWING REQUIREMENTS

1. Drawing must fit on one side of one sheet of legal size (8½ X 14) paper.
2. No component parts drawing may be superimposed or overlap another and must clear one another and the edge of the paper by at least 1/8 inch.
3. Wing(s) and stabilizer must be drawn full span, tip to tip.
4. Fin(s) may be drawn where space allows and not neccessarily attached to the side view.
5. Landing gear must be drawn in it's place on the side view showing it's full length.
6. No top or front view is required.
7. Drawing must be presented to C.D. on demand.

DESIGN REQUIREMENTS

1. Smallest wood size to be 1/16 square.
2. Fuselage volume must contain a cube 1 X 1½ X 3 inches.
3. Fuselage must have a cabin or open cockpit with a raised windshield of at least 30°. Cockpit must be actually open, with a headrest or canopy.
4. Flight surfaces; Leading and trailing edges cannot parallel each other.
5. Tip outlines must have no straight lines except for stabilizer where a twin fin is used.
6. If twin fins, or two wings are used in the design, parts may be built in duplicate over the same drawing.
7. Jap tissue covering. No ultra light covering to be used. Flight surfaces may be single or double covered.
8. Landing gear must use at least one 1" hardwood wheel.
9. Use of motor sticks ar tubes O.K.

FLYING

1. Models must R.O.G. from ground, ice, table top, gym floor, or any solid place designated by C.D. on contest day.
2. Highest total of 3 flights wins. Delay timing at C.D. discretion.

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THIS IS YOUR LAST HANGAR PILOT IF YOU STILL HAVEN'T REJOINED MIAMA!

$12.50 TO DOC MARTIN
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FEB 18 CHARLIE SLATER MEET. FT LAUDERDALE-SEE P 11.
MARCH 11 MIAMI DADE SOUTH COLLEGE.. TENTATIVE, CALL 305 858-6363 before meet.
MARCH 25, 26 TAMPA. Miama State Indoor meet #5 Mass Launch-WW II
Also the big Mass Launch Ansaldo SVA-5 event on Sat.
April 8 TENTATIVE - MIAMI/DADE SOUTH COLLEGE
APRIL 22,23 TAMPA: MACDILL AFB Miama State Indoor Meet #6 Mass Launch LOW WINGS
MAY 13 MIAMI DADE SOUTH COLLEGE..TENTATIVE.
APRIL 29,30-PALM BAY: SAM OLD TIMER SPRING MEET, C/D Don Brimmer
MAY 27,28 PALM BAY. Terry Rimert Memorial Meet.
JUNE 1,2,3,4: THE BIGGIE.. Johnson City NFFS US Indoor Champs.
JUNE 17,18.. PENSACOLA..Outdoor FF
MAY 20,21 TAMPA: MACDILL AFB Armed Forces Day.. Last MIAMA MEET FAC M/L: Biplanes
JULY 1,2: PALM BAY. Fla. State Outdoor FF Champs.
AUG. 5,6 PALM BAY. Dixie FF Nats. SEPT 2,3 DIST V FF CHAMPS PALM BAY.

CALL INDOOR HOT LINE BEFORE MIAMA MEETS 305·858·6363

THE HANGAR PILOT

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