THE HANGAR PILOT

INGENUOUS

ISSUE 129

18TH YEAR OF PUBLICATION
INDOOR ISN'T FOR EVERYONE

- RESULTS - MEET !
- PISTACHIO GEE BEE
- WORLD RECORD CATAPULT
- TORQUE METERS
- SCALE PROPS
- TORQUE BURNER

Page 3:
BOSTONIAN BUILDERS - MIAMA IS CHALLENGED !



©ALLISON 1989

NEXT MEET: OCT 21+22 MASDIL AFB

NEXT LOCAL: CATI FLA. ANNUAL RECORD TRIAL II
DADE COUNTY YOUTH FAIR NOV 4+5 9 TO 5

(1)



"LIKE A LETTER FROM HOME" WHEAN

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 one of two active all indoor free flight clubs 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!!!

MIAMA MEET 1 AND ANNUAL AWARDS DINNER

I have a sign in my office(Which I made up) that says "WE STAND IN AWE OF COMPETENCE AND WE ARE RARELY AWED". I have just been awed. The entries at the first MIAMA meet have awed me. I don't know what's come over our MIAMA modelers, but they are really turning out great model airplanes..beautiful, national class stuff. Notable was the detailed peanut Corsair ofWayne Trivin (96.8 Static points!) that has not been trimmed out yet. Also the fine Vanguard peanut (95 pts.) and beautiful FAC scale Aeronca of George Nunez that flew a minute and a half and won the event. Judi Cohen had a huge realistic 54" span Comet Taylorcraft that flies at walking speed after ROG. John Tudor's Voison hydro is as good as Jim Millers and we all know how well Miller builds.. MacEntee's polish canard is purtier than Doc's. It's a good choice for peanut or FAC scale.

We started the season one month earlier this year and are planning 5 more major meets, plus the fun flies at Miami Dade South college. You can miss several of the meets and still do well in annual points, so come out and fly even if you don't have a Smithsonian class model. Bostonian has a big following with VTO Dave Linstrum leading the pack with his canard bat plane, pink Fanule Flamingo, and Stealth. See elsewhere in this issue for the 3 club Bostonian postal challange scheduled for next meet....BRING YOUR BOSTONIAN. Also next meet...GOLDEN AGE FAC mass launch at 5 on Saturday. This meet saw 6 entries in WW II FAC mass launch. John Tudor's Heinkel 100 prevailed in the final over Walt Schlesinger's ME-109.

We had a good dinner awards meeting at 94th Aero Squadron where the heros of the last season (listed in issue 128) were given their glorious MIAMA trophies and showered with honors and praise. For those of you who missed this event we have some supplies le ft over from the Becker estate....wood,tools,etc. See Rich next meet(MacEntee)

RESULTS MEET 1 SEPT 23/24 USCG CAT II (2)

PEANUT SCALE EVENT:

	Static	Best two flights		Total
1. John Martin Astra Ka pferer	97.2	80.5	72.0	173.4
Astra retired after two wins in peanut				
2. John Tudor Voisin Hydroplane	105.2	45.0	59.0	157.2
3. Rich MacEntee Drsewiecki Canard	95.0	37.2	54.8	141.0
4. George Nunez Vanguard	95.0	32,7	36.0	129.3

Did not fly: Wayne Trivin Corsaire 96.8 Static

Flying Aces Scale:

1. George Nunez Aeronca	62.5 Static	72.5 best	135.0	
2. John Martin Astra tandem	69.5	68.5	133.8	
3. John Tudor C. Robin	52.0	68.5	120.5	
4. Rich MacEntee Lacey M-10	62.0	48.5	110.0	Retired to MIAMA Museum
5. Walt Schlesinger Pilatus	52.4	31.3	83.7	

LO-CAL SCALE EVENT: New State Record. ★

1. John Martin Dayton Racer.	2:07
2. Dave Linstrum Dayton	1:46
3. John Tudor Mr. Mulligan	1:29

COCONUT SCALE:

1. Dave Linstrum Dornier 50 sec.

EMBRYO ENDURANCE: Best 3 flights of 4

1 Dave Linstrum	310.5
2. Rich MacEntee	305.2
3. Russ Dorsey	191
4. Bill Stoutenburg	151
5. Walt Schlesinger	101

BOSTONIAN EVENT: 2 best times

Wayne Trivin Double Zero	(1.12)	328.1
2. Rich MacEntee Top Cat	(1.15)	269.1
3. Dave Linstrum F. Flamingo	(1.13)	151.4
4. John Martin Boston Bis	(1.16)	143.8
5. Bill Stoutenburg Pup	(1.09)	91.5
6. Walt Schlesinger Pup	(1.09)	52.5

CATAPULT GLIDER EVENT: 2 BEST OF 9

1. Wayne Trivin	88.7
2. Dick Obarski	82.0
3. John Martin	51.3

FEDERATION ROG EVENT:

1. Wayne Trivin	4:06
2. Dick Obarski	3:49.4
3. George Leffler	3:22
4. John Martin	3:11

EZB EVENT:

1. Dick Obarski	11:36
2. Wayne Trivin	11:26,8
3. Rich MacEntee	8:32
4. George Leffler	7:45

NOVICE PENNY PLANE EVENT:

1. Wayne Trivin	8:10
2. George Leffler	7:37
3. Dick Obarski	5:48.3
4. Rich MacEntee	5:47

A ROG Event:

Dick Obarski	8:47

AWESOME!

CONTEST DIRECTOR DICK OBARSKI

BRING YOUR MODEL TO MIAMA MEET #2

OCTOBER 21 & 22, TAMPA-MACDILL AFB



9 to 5 GOLDEN AGE MASS LAUNCH SAT 5PM

CONFIRM 858-6363 (305)

3 WAY BOSTONIAN CLUB CHALLENGE

MIAMA · SCALE STAFFEL · ST. JOHN'S OCT '89

HI TOM! **14g BOSTON WEST INDOORS** 9/19/89

SINCE YOU GUYS ARE ARBITRATING RULES FOR THE COMING "BOSTONIAN BLOODLETTING" IN OCTOBER, LET ME VERIFY THE FOLLOWING WITH YOU:

- ENTRIES SHALL BE FROM BONAFIDE CLUB MEMBERS OF SCALE STAFFEL, MIAMA AND ST. JOHN'S CLUB.
- THERE SHALL BE TWO EVENTS FLOWN INDOORS:
  1. "BOSTON PUP" BY BOB PECK FROM KIT OR PLAN K.
  2. "BOSTON WEST" 14g ANY DESIGN MOONEY RULES
- CHARISMA JUDGING WILL NOT BE A FACTOR IN SCORE
- FLYING CAN BE DONE ON ANY ONE DAY IN OCTOBER
- MIAMA - BRING YOUR BOSTONIAN TO THE MAC DILL MEET OCT 21 & 22
- SCORES SHALL BE EXCHANGED AND LATER PUBLISHED CLUBS N/L IF INSIDERS!

ANNOUNCEMENT: IN TOWN, AND AT OUR MEET #2, WILL BE DAVE DIELS FROM WOODVILLE, OH. ALL YOU PEANUTEERS WHO HAVE BUILT HIS KITS SHOW UP ON SAT OCT. 21 TO FLY WITH HIM & HAVE DINNER LATER.

THE TORQUE BURNER

by Dick Obarski

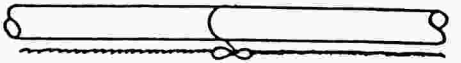
The earliest concept of this device that I can recall, attributed to Louis Garami, was shown in the February 1977 issue of Indoor news and views, at that time published by Bud Tenny:

A LOOK AT YESTERYEAR

Back in 1936, there used to be a magazine called MODEL AIRCRAFT BUILDER. In one of these, Louis Garami suggested a gadget which was intended to help control model altitude in low ceilings. The device consisted of an S-hook and a wire pin. Two motors, shorter than the usual single motor, are hooked to the S-hook and to the prop and rear hook, so the S-hook is in between the motors. The pin mounts to the motor stick and prevents the S-hook from turning for a while. The sketch below shows (top) both motors wound and the pin engaged in the S-hook. The second sketch shows the rig as the front motor is mostly unwound; the S-hook has moved back almost enough to disengage the pin. The intent is for the model to climb on the power of the front motor, then drop down as the second motor rewinds the front motor enough for a second climb (but not as high). He also suggested that the pin location (and relative motor lengths) can be adjusted to tailor the climb pattern. Now - has anyone tried this idea? If so, how about some comments on the results?



BOTH MOTORS WOUND



FRONT MOTOR UNWOUND

I tried it with disappointing results since the motor always got snagged in the wire pin and the rear portion of the motor did not unwind.

After a great deal of frustration and experimenting, the device finally evolved into the following:

Looking at the front of the model on the left side of the motor stick (with a right hand propeller) about one-third back from the prop shaft to the rear hook an offset wire hangar extends downward.

A small bushing, approximately one-third back from the front of the wound motor is then attached to the hangar yielding the same results Garami proposed, but for the most part, successfully released without getting snagged.

The accompanying sketches will clarify the written explanation.

To date, the best flight obtained* has been 19 minutes 06 seconds in a 65 ft. ceiling with a few bumps on the lights and no touch ballooning at the December 31, 1988 and January 1, 1989 Miama contest at the Delta Maintenance Hangar in Tampa, Florida. The model climbed to about 55 feet, descended to 35 feet, climbed to 65 feet and slowly descended to the floor.

This type of device was approved* for use by the contest directors at the 1987 USIC indoor championships held in Johnson City, Tennessee.

The spool can be made by any competent machinist and the fine wire (.007/.009 inch dia.) can be obtained at any music store that carries banjo or guitar strings. The thread used to tie the rubber motor to the spool can be obtained at any sewing center (.005/.006 inch dia.)

This device is easy to make as compared to a variable pitch or variable diameter propeller, neither of which are allowed under the current EZB rules and should afford a great deal of enjoyment and longer flights for most indoor enthusiasts who do not have an unlimited category IV ceiling to fly in.

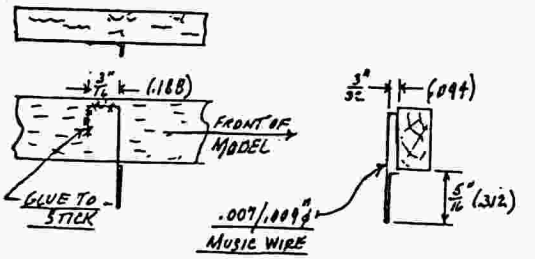
There are some side effects to be overcome such as the tendency for the motor stick to bend when the spool is attached to the offset hangar with a wound motor. The hangar must be offset in order to keep the motor from snagging on the hangar when it releases.

The whole idea, of course, which I am sure is already apparent to most of you indoor types, is to utilize the high energy near the breaking point of the rubber motor where the foot-pounds per turn are the greatest. By way of explanation, at present most good indoor mid- and low-ceiling flights are made by overwinding and then backing off on the turns to keep the model from going too high and getting snagged in the overhead beams and lights.

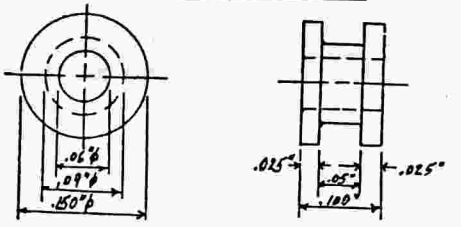
I hope that some of you indoor modellers will be interested in further development of this simple concept to a greater degree of reliability. At present, it works successfully about 80% of the time and the flight pattern is a joy to behold when all goes well.

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*(Note by Bob Meuser)
All of the above applies to Easy-B models, but Obarski suggests that the principle could be applied to other model classes. The shock that occurs when the spool releases might be too much for microfilm coverings, ultra-light structures, and thin-walled-tublar motor sticks.

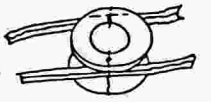


MOTOR STICK & WIRE HANGAR



BUSHING (MAY BE NYLON OR PLASTIC)

THREAD TIES THRU BUSHING HOLE & AROUND FLANGE & OVER RUBBER. SECURE KNOT ENDS WITH FLIOBOND.



DICK'S BURNER IS ONLY PROHIBITED IN (EASY B PENNY

(5)

METROPOLITAN DADE COUNTY, FLORIDA

METRO-DADE

MIAMI-DADE PUBLIC LIBRARY SYSTEM
101 WEST FLAGLER STREET
MIAMI, FLORIDA 33130-1504
(305) 375-2665

September 28, 1989

Miami Indoor Aircraft Modelers Association

Dear Dr. Martin:

The patrons and staff of South Dade Regional Library want to thank you for letting us borrow your model aircraft for our display cases.

Everyone, old and young enjoyed the aircraft very much. It was a pleasure seeing such a beautiful display of aircraft.

Thanks again.

Sincerely,

Carolyn Cadell

Carolyn Cadell
South Dade Regional Library
10750 SW 211th. Street
Miami, Florida 33189
Children's Department

This very nice letter was written to MIAMA in response to our exhibit in 12 cases in the Cutler Ridge Library. I gotta admit the display would have rivited me as a young man. Contributions from Millard Wells, Ed Shaw, Mike Arak, George Nunez, and above all... Carl Hedley who concieved the idea. He and Arak addressed a youthful group of library members on a Sat. and put on a well received demo for the troops. Perhaps this is one way to go to attract new modelers? I haven't given up but I admit to being very jaded.Doc

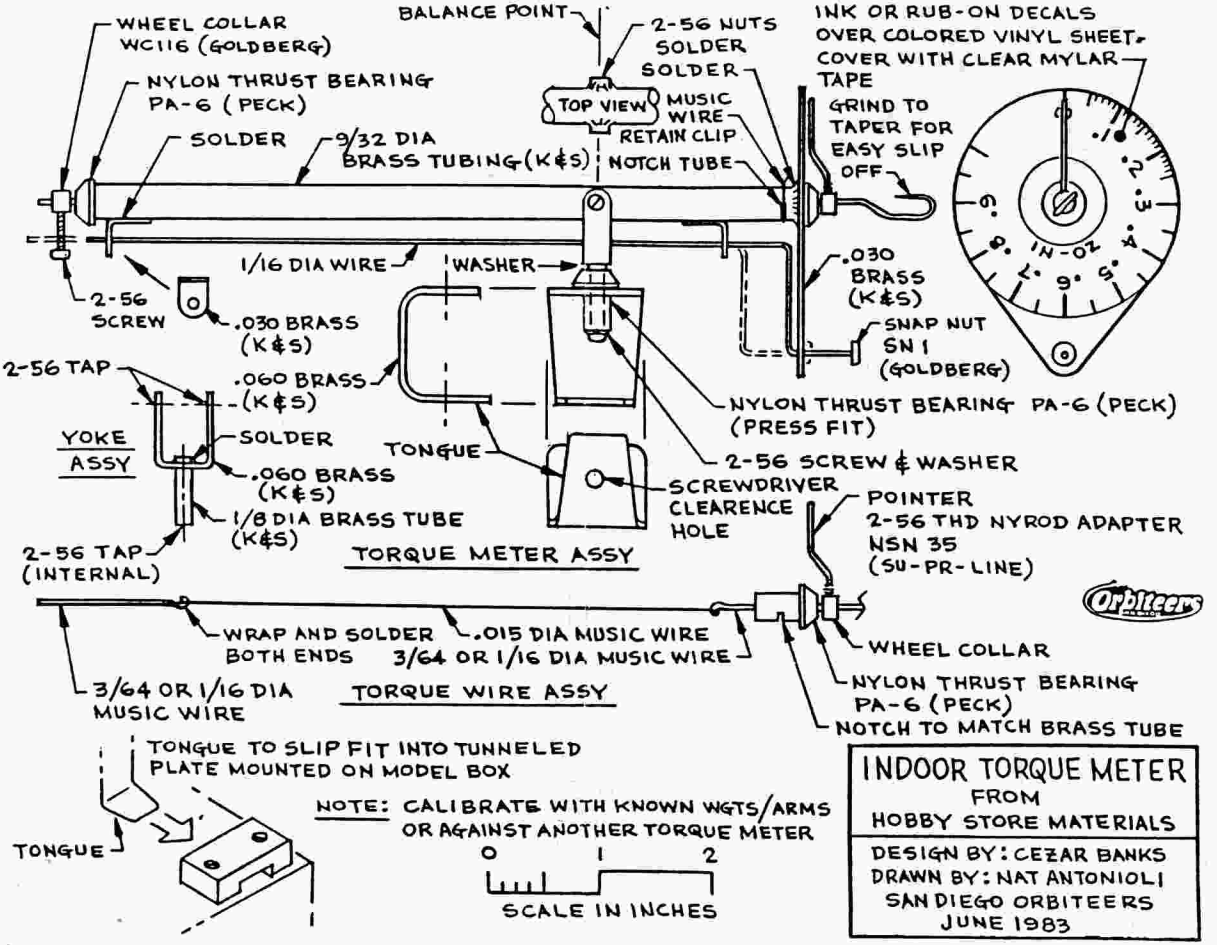
POLITICS: LEE WEBSTER IS STEPPING DOWN AS DIST II V.P., AMA. WE ENDORSE JIM McNEILL AS HE ONCE WAS A FREE FLIGHTER.

STOLEN FROM BURR STANTON + 10 OTHER GUYS

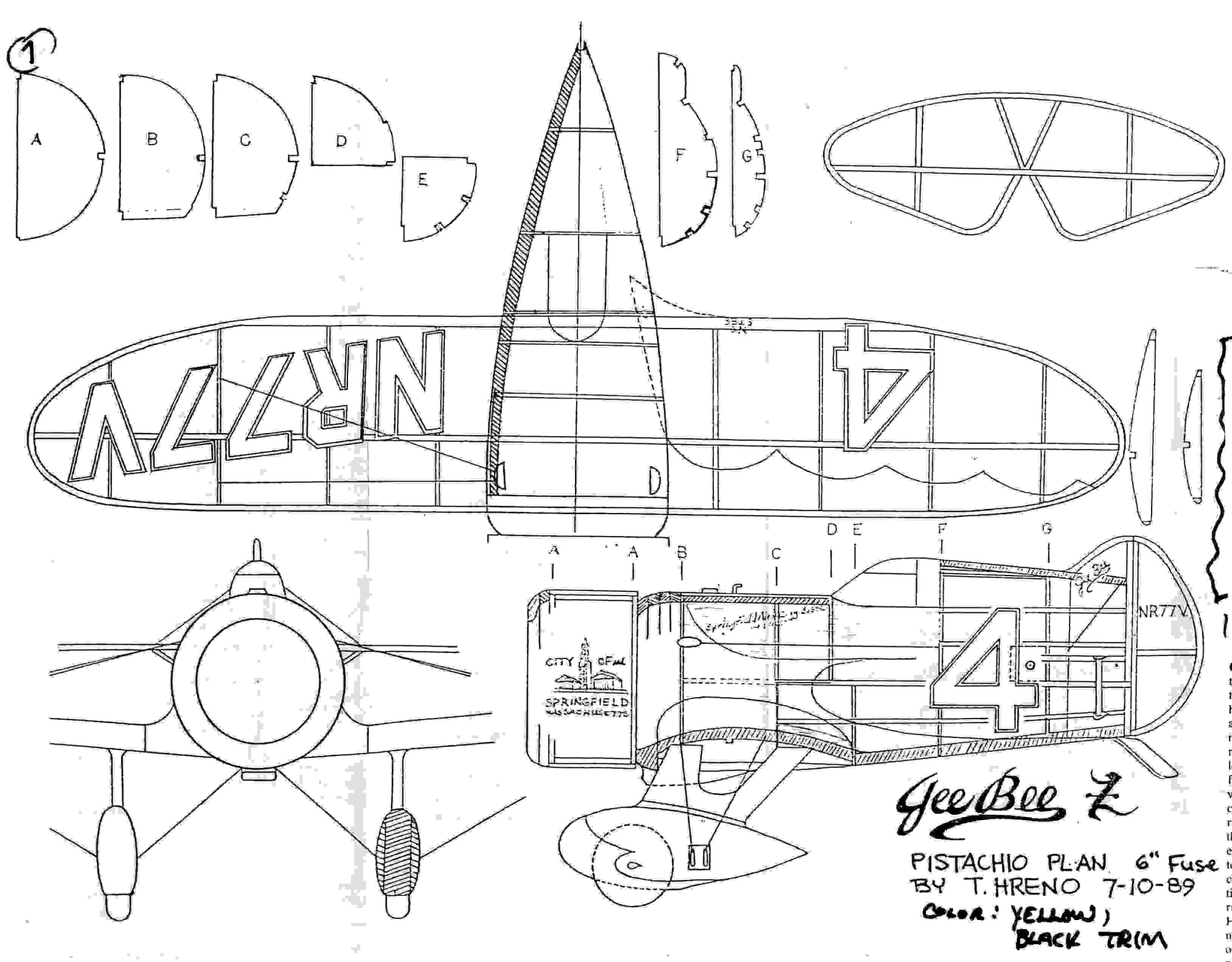
AN INDOOR TORQUE METER BY CESAR BANKS. First published by the San Diego Orbiteers.

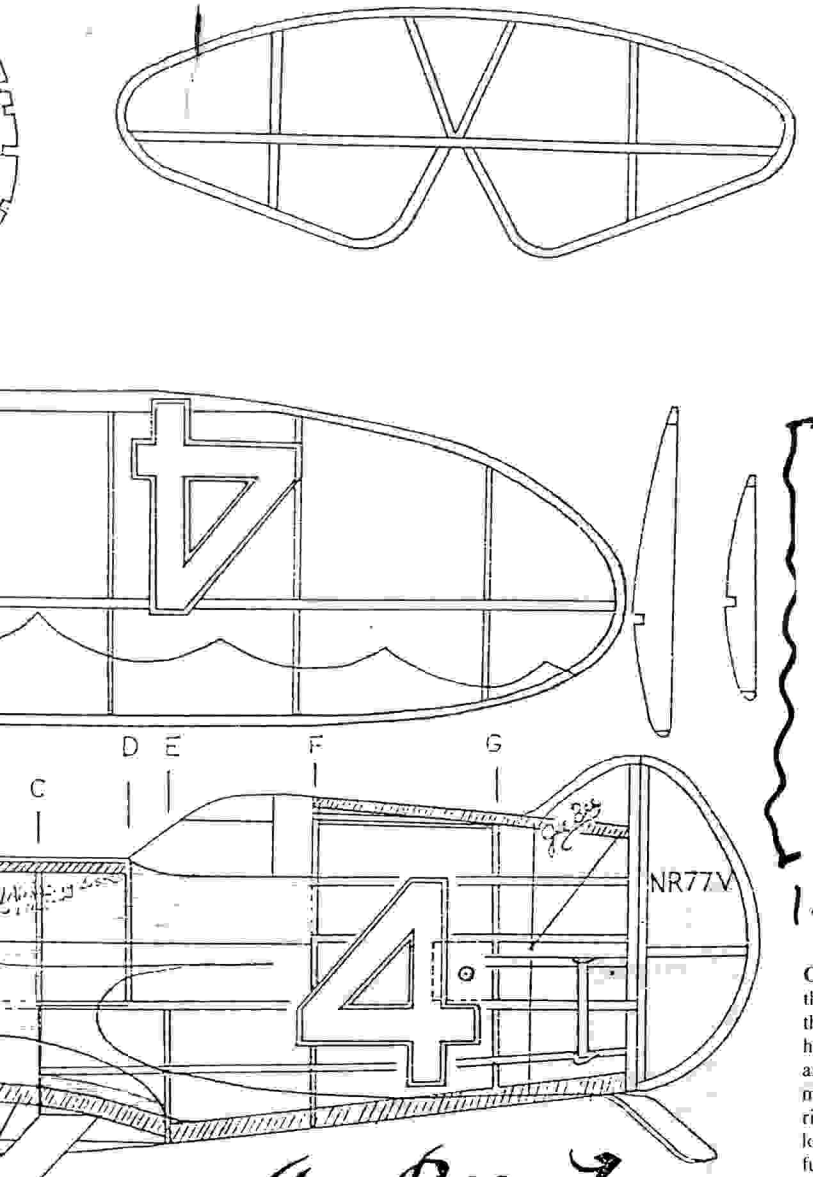
This handy dandy tool for indoor flying can be quickly assembled completely from components available from local hobby stores. It works very well as there are at least two of them in our INMARC club at present.

Two items about constructing it: [1] I've not figured out the why of the "notch tube" and "notch to match brass tube" notes on the drawing (it works beautifully with neither) and [2] don't worry very much about the "calibrate" note. In practical use, any regular scale you divide it into will serve your purpose 98% of the time. Just know where YOUR rubber breaks on YOUR scale and your calibration is OK. Yeah, if you want to exchange information on stored energy of your rubber with guys on the West coast, calibration would be great, otherwise, who cares? You can always recalibrate if necessary when you expand your horizons. Anyway, have fun!



INDOOR TORQUE METER FROM HOBBY STORE MATERIALS
DESIGN BY: CEZAR BANKS DRAWN BY: NAT ANTONIOLI SAN DIEGO ORBITEERS JUNE 1983


1
A
B
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NR77V
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A
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CITY OF
SPRINGFIELD
MASSACHUSETTS
NR77V
4
GeeBee Z
PISTACHIO PLAN 6" Fuse
BY T. HRENO 7-10-89
COLOR: YELLOW
BLACK TRIM



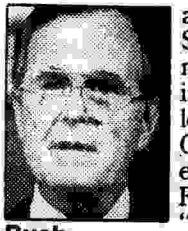
Yee Bee Z

PISTACHIO PLAN 6" Fuse
BY T. HRENO 7-10-89
COLOR: YELLOW)
BLACK TRIM

THIS PLAN WILL DETERMINE HOW MUCH YOU HATE YOURSELF. YOU HAVE BEEN TOLD NOT TO BUILD THIS. IT WON'T FLY ETC. ETC.

IT IS SUBMITTED BY TERRY HRENO. WE SOLICIT YOUR RESULTS. WHO CAN RESIST?

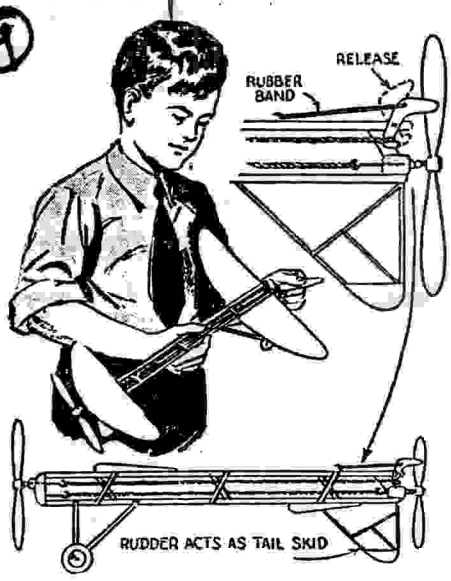
BOOM OVER MIAMI: President **George Bush** once bombed in Miami. Says so in September's Life mag. In the Navy in 1943, he learned to fly the Grumman Avenger at a base near Fort Lauderdale. "Training up and down the East Coast, dropping torpedoes off Cape Cod, dummy bombs in Lake Okeechobee, Charlestown, Miami. . . . I had an ensign's stripe and an admiral's confidence."


Bush

IS YOUR RUDDER O.K.?

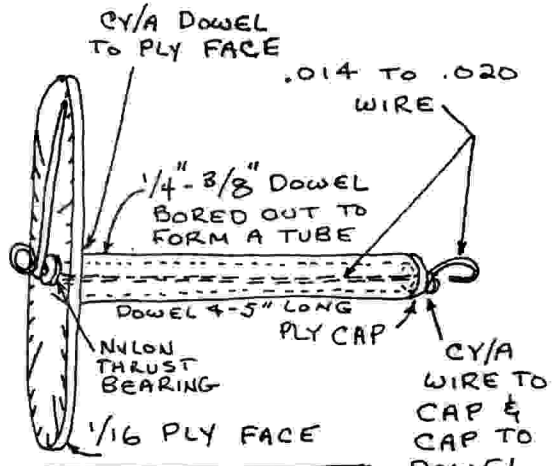
On vertical stabilizers: Al Lawton, a member of the illustrious Flying Aces who can mix it up with the best of 'em and emerge a winner, sent along his method of ensuring the correct vertical tail area on a new model. You thought that you just made it the same size as the full-scale plane, right? Savvy gumband twisters have known for a long time that one of the ingredients of a successful model is having a vertical stabilizer (rudder) with the right amount of area. One that's too big can lock you into a spiral dive, while a too-small rudder will wag its tail (Dutch roll). Alan makes the vertical tail out of sheet balsa, which can be easily trimmed down or added to during flight testing. When the model is flying just right, off comes the sheet balsa and on goes a built-up and tissued custom-made vertical surface with just the right amount of side area. As an example, Alan's Hughes H-1 needed less, and his Fokker D-VII needed more. Whether you are a Fokker T-2 fan or a Flying Fort nut, this advice could save your model!

Twin Propellers Double Flight Time of This Model Plane



Here is something new in model airplanes; twin propellers arranged in tandem so that one runs and then the other, almost doubling the time that the plane will stay in the air. The plane is made in the regular way except that the rudder is on the underside so that it serves as a tailskid. The rubber band operating the front propeller is fastened to a pivoted L-shaped arm, which engages the rear propeller and prevents it from turning until the arm is pulled back. As the band untwists in driving the front propeller, the pull on the arm is gradually reduced and a short rubber band fastened to the upper end of the arm pulls the arm back, allowing the rear propeller to rotate.

A QUICKY TORQUE METER



USE .014 WIRE FOR MOTORS UP TO .100, .020 FOR LARGER.

TORQUE METER FOR USE ON MODELS HELD IN STOOGE. USE BETWEEN WINDER AND FRONT OF MOTOR.

FROM HARRY AMTHAUER 5108 TRAILHEAD DR ARLINGTON TX. FROM "THE BOY MECHANIC" EARLY TORQUE BURNER (1930'S)

IF FLY THE F.A.R.T. II:

SET A CATAGORY I FLORIDA STATE RECORD AT THE YOUTH FAIR (109th Ave & Coral Way) Sat. & Sun. Nov. 3 & 4,9 to 5. State Records will be set in Bostonian, Federation ROG, Embryo, Catapult Glider, Coconut, LO-Cal, and FAC Scale SINCE WE HAVE NO STATE CAT I RECORDS IN THESE EVENTS. The other events have established records that are harder to beat. See next issue. We hope all local flyers will support this event, and a few out of town Pilots come out too. Lotts of floor area and a relatively clean ceiling.

THE GREAT 1989 FLORIDA KEYS ROW OUTDOOR MEET

(10)

For the 2nd year members of the Miami Indoor Model Aircraft Association have met on the beautiful bay at Plantation Key to meet the challenge of ROW rubber power.

Three classes were entered; stick models, embryos and scale. Fifteen models were entered - ten models successfully ROW'd. Doc Martin entered a Pistachio Lacey M10. This was an epec take-off without a doubt. This was the first documented ROW flight by a Pistachio in the world!! Everyone cheered as "Doc" bowed deeply in ankle deep water.

Dave "VTO" Lindstrum's "Fat Cat" scale Whitman Tailwind scored 9-10-5-10. After a year of trials and repairs, made three successful ROW flights proxy flown by Wells.

Judging was done by Walt Everson of Coral Gables, FL. All flights must ROW to be counted - 10 pt. Charisma, 10pt. take off, 10pt. flight to landing. Stick models were timed after ROW. Jody Miller won this with a flight of over 10 seconds and this was achieved after an all night building session in his motel room. George Nunez won the scale event with a beautiful 24" Aeronca K-S fitted with Bill Noonan-type floats. First flight ever it rose majestically from the water. The water dripping from it's floats glistened in the early morning sun. What a sight!

Mike Arak entered a small styro-foam stick special. Mike diced it out with Jody Miller.

Millard Wells directed and sponsored this event for the 2nd year and plans are under way to do it again in 1990. The meet was a class fun event. Jeanne Wells hosted a morning coffee on Saturday and Walt everson hosted a 5 O'Clock cocktail and miniature pizza party aboard his yacht "The Night Heron". He also ran the Zodiak Return Boat.

We will all remember when 'Indoor went Outdoor'.

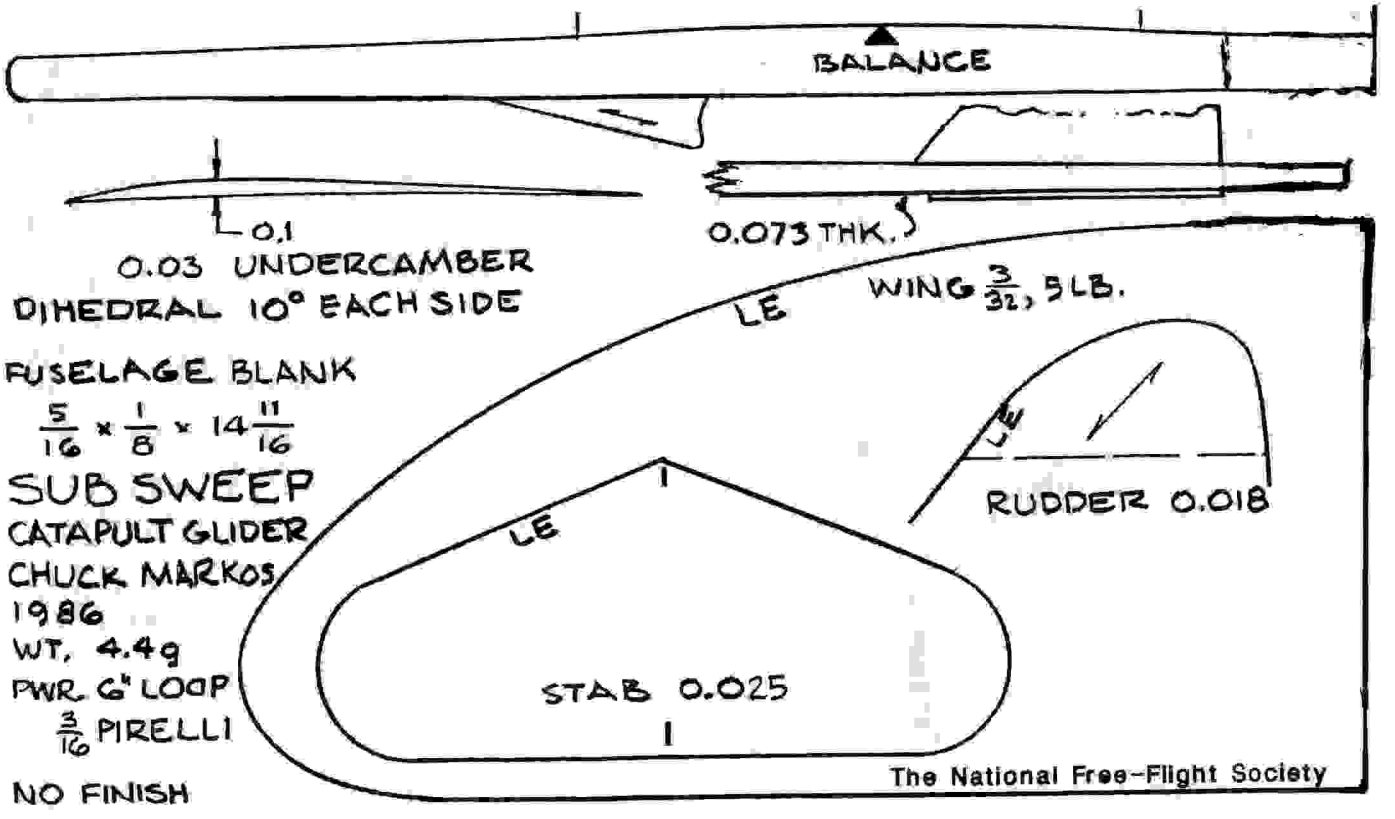
Millard Wells

— EVERY YEAR A FEW MORE OF US MAKE IT OFF THE WATER - WAIT TILL NEXT YEAR!

HERE ARE BALL PARK DIMENSIONS FOR SMALL PROP BLANKS - SUITABLE FOR BOSTONIANS, PEANUTS & BEENIES. By CARL HEDLEY CH 8/02/89

WHITTELING PROPS IS THERAPEUTIC.

DIAMETER	WIDTH	THICKNESS	PITCH ANGLE @MAX THK. & @ TIP	APPROX. MEAN PITCH
6"	1 1/4"	1"	39°/22°	5.8"
5 1/2"	1 1/8"	15/16"	40°/23°	5.3"
5"	1"	13/16"	39°/22°	4.8"
4 1/2"	15/16"	3/4"	39°/22°	4.4"
4"	13/16"	11/16"	40°/23°	4.1"



CATAPULT GLIDER RULES:

We reprint Chuck Marko s mighty "Sub Sweep" which holds the World Record 153.2 sec. for 2 flight total set at Johnson City 1989. His high ceiling version weighed about 6 ½ grams.

1. Wingspan maximum 12", Chord maximum 3".
2. The catalpult and glider must be hand-held by the same person for launching.
3. Catapult handle maximum length 6".
4. Best 2 of 9 launches wins.

PLANES, AIMS AND AUTOMOBILES 8/19/89



ALBERT COYA / Miami Herald Staff

BLIZZARD OF MISSES: Paper airplanes that fell short surround $28,080 BMW at the Miami Arena.

Thousands wing it for a BMW

By CARL GOLDFARB
Herald Staff Writer

They came for the Beamer.

To win it, more than 3,000 people tried Saturday to fly a paper airplane through the sun roof of a cherry red 1989 BMW, suggested sticker price $28,080.

The Beamer beckoned from the middle of the Miami Arena. The contestants had to launch their planes from the stands, at least 42½ feet away. It was a daunting prospect, but 286 tossers sailed their planes through the sun roof and into a fly-off.

The competition brought out little kids as well as the little kid in hundreds of grown-ups. Why? "Greed," said David Ruth, 32, an advertising copy writer.

The would-be pilots arrived with hundreds of lovingly made paper airplanes tucked under their arms, in briefcases, in laundry baskets, in plastic garbage bags. They were drawn by a circulation promotion sponsored by The Miami Herald and El Nuevo Herald.

Some came solo, others flew in family formation. There were corporate lawyers, nuclear engineers, construction workers, secretaries and doctors. Two contestants had arms in slings, one hobbled in with crutches, but all were game.

Many of them had gone through extensive preflight training.

Steve Burke and his wife, Camille, both 30, read a book on making prize-winning paper planes. Before the compe-

PLEASE SEE AIRPLANES, 2B





THEIR BEST SHOTS: Russell Whitney, 6, above, lets fly a toss at the car. Below, postal clerk Roy Kellogg exults after his winning toss.



ALBERT COYA / Miami Herald Staff

SOFT LANDING: Steven and Ryan Savage romp on floor of arena.

NMB postal worker makes winning toss for red BMW

MIAMI SHOWS THE WAY

AIRPLANES, FROM 1B

tition, they test-flew different designs on the driveway of their Deerfield Beach home, sharpening their aim by throwing planes at the sunroof of their Peugeot.

David Sack, 15, researched the dimensions of the arena and then practiced throwing planes at a manhole cover from 50 paces, hoping to wheel the Beamer to Miami Sunset Senior High, where he'll start his junior year next month. "It'll look good in the parking lot," Sack said.

The Hamersley clan — Bruce, 52; Sheri, 28; and Mike, 25 — folded planes until 3 a.m. Saturday and came with almost 700 custom cruisers. All three made the fly-off.

"We figured a dart was the best design," said Bruce, who handles grant applications for the Broward Sheriff's Office.

The Hamersleys didn't win the Beamer, but they did take home dozens of Frisbees, T-shirts and other consolation prizes.

Many other contestants also decided the best paper planes are heavy and sleek, with a tight wingspan. The rules allowed Scotch tape and up to three paper clips for each aircraft.

Dan Demirgian, 35, a Southern Bell service technician, relied on an old proven formula — one he honed in elementary school chucking planes at the back of his teacher's head. "I hit her every time, too," he said.

For five hours during the preliminary round, airplanes rained down on the four-door sedan like streamers in a ticker-tape parade. Some were gliders; others were dive bombers with paper clips packed in the nose that hit the car so hard that they nicked the paint in several spots. It was nothing that can't be fixed with a little buffing, the organizers said later.

In the runoff, the 286 semifinalists each had three chances to land a plane inside the car from 60 feet away. Two rounds later and 20 feet closer, the dogfight was down to two men: Peter Trapani Jr., 34, and Roy Kellogg, 37.

Trapani, a computer analyst from Davie, planned to sell the car if he won. "I couldn't afford the insurance," he said.

Kellogg, a U.S. postal clerk from North Miami Beach, got off work early to enter the competition. He was gunning to replace his 1977 Chevy Impala.

In the final round, Kellogg bagged the Beamer with one of his planes. His wife Tatyana, 30, almost bowled him over with joy.

The secret of Kellogg's success: "I used to throw darts," he beamed after receiving the keys to the car.

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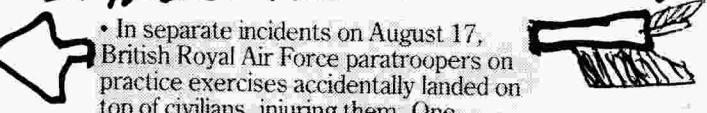
THE HANGAR PILOT

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HOW TO REACH THE PUBLIC WITH AN INDOOR PAPER PLANE MEET. ATTENTION AMA + GEOFFREY STYLES. THE ULTIMATE FUN FLY!



• In separate incidents on August 17, British Royal Air Force paratroopers on practice exercises accidentally landed on top of civilians, injuring them. One crashed through the windshield of a brand new car in Farnsborough, and another landed on top of a woman sunbathing at Weymouth, knocking her unconscious.

The Litigious Society

• Margie Patterson sued Miami's Doggie Den in January, asking $50,000 for damages to her poodle Klouseaux, who was allegedly burned by excessive blow-drying, thus ruining his stud potential.

• Theodore Nye, a Potomac, Maryland, jeweler, filed a lawsuit against Honda Motor Company in October after the scooter he had just bought toppled over on him before he could get it started, fracturing his leg. He asks $32 million.

• Southland Corporation filed a claim against the Mesa, Arizona, police department for the $3000 in damages caused to a 7-Eleven store when a fracas resulted from a police officer's rescuing a store clerk who was being pistol-whipped in a robbery.

• Inmate Frank Lovell of the North Central Correctional Institution in Gardner, Massachusetts, has challenged a state law barring prisoners from possessing nude pinups. He wants to hang a print of Renoir's "Bather."

Smooth Reactions

• Waiter Guang Da Shen, nineteen, was charged with mugging two customers outside the Dragon House Restaurant in Norwalk, Connecticut, after they had left a three dollar tip on a $50 check.

• Principal cellist Timothy Hugh of the BBC Symphony Orchestra in London, upset with the arrangement of an avant-garde composition that required rough fingerboard work and concentration on the bows, ended a November performance by flinging the cello to the floor and stomping on it, to the surprise of the invited audience of 100 (some of whom said later they at first thought the stomping was part of the score).

Science Fair

• The Southeast Foundation for Biomedical Research in San Antonio has established a $1.7 million pension fund to build condos (containing exercise machines and color TV sets) for chimpanzees who have "retired" from AIDS research.

• Leading British heart transplant surgeon John Dark predicted recently that specially bred pigs' hearts will be used for human transplants within twenty years. (Surgeons already use 1500 valves from pigs' hearts in human heart surgery every year, and almost 1000 people per year unsuccessfully await heart donors.)

• A report in a January *Physician's Weekly* by Indiana University doctors attributed a man's anemia to his having swallowed 80 quarters and $1.32 in other coins in order, he said, to prevent a gun in his stomach from firing.

Latest Testosterone Surges

• Catholic priest Eugene Schwartzenberger (suffering from "acute ethanol intoxication" at the time) died of a bad fall in an adult book store while visiting Minneapolis this past fall.

Husband burned in roach battle (14)

From the news services

TEL AVIV — An Israeli housewife's fight with a stubborn cockroach landed her husband in hospital with burns, a broken pelvis and broken ribs, the *Jerusalem Post* reported yesterday.

The wife, frightened by the insect when she found it in their living room, stepped on it, threw it in a toilet and sprayed a full can of insecticide on it.

Her husband came home from work, went to the toilet and lit a cigarette. When he threw the cigarette butt into the bowl, the insecticide fumes ignited, "seriously burning his sensitive parts," the *Post* reported.

When paramedics were called to the home in Tel Aviv, they laughed so uncontrollably when they learned what had happened that they dropped the stretcher down the stairs, causing the unidentified man further injury.

NEWS ROUNDUP

The lifting of emergency powers will end almost 15 years of restrictions on civil liberties. It comes about six weeks before a plebiscite on military rule.

Ninth employee dies

LONDON — A retired army brigadier-general has become the ninth employee of British defence contractor Marconi to die or disappear under unusual circumstances.

John Ferry, 60, an assistant marketing director, was found dead in a company apartment south of London after he connected himself to an electrical source, police said yesterday.

His wife told police the pressure of his work could have contributed to his death.

FLY THE F.A.R.T. II

See P. 9

• Jim C. Brady, one of Pensacola's best known proponents of teaching creationism in the public schools, pleaded guilty in September to driving through a residential neighborhood and tossing nude photos of himself out the window to children.