THE HANGAR PILOT

AMAZING

13TH YEAR OF PUBLICATION

HERE'S TO 13 MORE.

SPECIAL ANNIVERSARY ISSUE

AMA CLUB 986
M.I.A.M.A.
MARCH '85

ISSUE #100!

13 YEARS OF FACT, FICTION, MODELS AND BULL

WE TAKE THIS OCCASION TO SAY: ONWARD AND UPWARD WITH INDOOR - EXCELSIOR!

CONGRATULATIONS TO FLYING ACES CLUB. THEIR LAST ISSUE IS ALSO #100!!

NEXT MEET - MACDILL AFB

MARCH 9 & 10 - See back Cover.

"LIKE A LETTER FROM HOME" - WHELAN

(1)



THE HANGAR PILOT

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

MEET 5 MID SOUTH 2/10/85

What if we gave a contst and nobody came? It almost happened Feb. 10 following the biggest meet ever in Jan. at MacDill. Note the skimpy results. BUT I can see what is happening. The Tampa meets are so popular and well attended that the local meets don't offer enough points for annual competitors. As a result the Miami/Dade get together is turning into a fly-in and trim session rather than a contest. The well trimmed models stay in the box for Tampa, and the new jobs are flown. A lot of regulars are there, but don't enter.

Dave Linstrum had 5 new planes, and got 4 of them trimmed out. Young David Bal had a sensational flight of 31 sec. with his new glider (Designed by Dad), but could only get a 20 sec. flight to go with it. Lots of new aircraft showing up. Don Garofalow of the Lakehurst, N.J. indoor group will be wintering in Fla. from now on and has joined MIAMA. Welcome, Don.

Our sick call reads like Trapper John: Jim Stewart recuperating from spleen operation. Dick MacIntee recovering from surgery on both knees. Mike Arak has new glasses and can now see to rig his pioneers. Bob Andrews on strict diet..lost weight and looks great. Roman Szymula about the same, but bothered by Bursitis in his rubber stripping arm. Even this typewriter has been in for repairs.

PEANUT EVENT

		SEC.
1. BILL HISCOCK	ANSALDO	92.0, 30.9 - 122.9
3. M. WELLS	WED. WILLIAMS	76.5, 26.9 - 103.4
2. W. EVERSON	WACO E	584, 47.4 - 105.8
4. JOHN MARTIN	DORNIER	92.0, 9.9 - 101.9

GLIDER EVENT

1. DON BAL (31.2)(30.8)

JUNIORS 1. DAVID BAL (31.0)(20.2)
2. STEVEN BAL (210)(22.3)

MORE RESULTS ON PAGE 6

KIT/PLAN EVENT

1. W. EVERSON VAGABOND — 170.0
2. J. MARTIN BLERIOT — 164.2

MANHATTAN:

1. M. WELLS 3:45.6
2. DON GAROFALOW 3:18

BOSTONIAN

1. J. MARTIN BOSTON BIS 168.1
2. M. WELLS VAGABOND 151.9

THE HANGAR PILOT

Nostalgia - (2)
Here is the first issue of Hangar Pilot.

a.m.a. club 986 issue*1 july 1972

Published by the MIAMI INDOOR AIRCRAFT MODEL ASSOCIATION and The
METROPOLITAN DADE COUNTY PARK & RECREATION DEPT.

President: Dr. John Martin (444-6329) Vice Pres: Ric Choate (257-2417)
Secretary: Tom Cooney (666-8772)

FIRST JOINT M.I.A.M.A./P. & R. DEPT. CONTEST IS BIG SUCCESS.
June 25th, Youth Fair.

Chris Christman and Sharon Althouse publicized our last meet better than any King Orange! We had a photo story on Page 1 of the Miami News, a story with a three column headline in the Herald, and a photo story in the Gables Guide. Advance notices appeared in the Herald, and were heard on three different radio stations. With this sort of advance and coverage, the Park and Recreation Dept. should have a fine turn out for the contest season this Fall.

EIGHT CONTEST INDOOR MONTHLY FLYING SEASON PLANNED. For those who do not know as yet, the Metropolitan Dade County Park & Recreation Dept. is sponsoring 8 monthly indoor contests starting next Oct. 15th at the Youth Fair. Also planned are informal, non contest fly-ins for learning the indoor art. The contests will be divided into 3 age groups, and 7 different types of planes. Literature about the details will soon be available. Call Dr. Martin 448-6329 for plans.

THREE DATES TO NOTE ... The PRE-CONTEST SEASON WARM UP ... YOUTH FAIR
SUNDAY, AUG. 27th -- TENTATIVE FLY-IN 10:00 a.m.
SUNDAY, SEPT. 10th - LAST PRE-SEASON CONTEST WITH TROPHIES 10:00 a.m.
SUNDAY, SEPT. 24th - PRE-SEASON FLY-IN 10:00 a.m.

Since the National Guard is occupying the Youth Fair for both Democratic and Republican conventions, it is unavailable now. They are due to leave Aug. 26th but may stay longer, hence the AUG 27TH DATE IS TENTATIVE. CALL 448-6329 on Saturday for GO or NO GO.

A FUN EVENT--THE CHALLENGE CUP. This is an unofficial event where everyone builds the same, simple aircraft and competes on a winner-take-all basis. Last month 8 people built Bill Hannan's Escondito Mosquito. THIS WILL ALSO BE THE CHALLENGE for Aug. 27th. Plans available FREE at Orange Blossom. They are also getting in new indoor kits and supplies. WE now have giant pewter lidded tankard challenge cup that will be engraved and awarded each month to be kept until the next meet. Stock wing mounts!

(3)

****JUNE 25, 1972 CONTEST RESULTS

YOUTH FAIR CAT I 24 FT X 235' X 120'

GLIDERS:

1.	Gary Myers	30.0/30.3....60.3
2.	Ric Choate	27.5/29.7....57.2
3.	John Arthur	28.8/28.0....56.8
4.	Jim Stewart	26.4/26.4....52.8
5.	John Martin	22.0/16.2....38.2

SCALE MODELS:

1.	John Martin/Donier Kawasaki	1:25.3
2.	Fulton Hungerford/Antoinette	1:09.0
3.	Fulton Hungerford/Dumont 14 Peanut	56.6
4.	J. Martin/Martin MO-1 Peanut	44.2
5.	Steve Gove/Martin MO-1 "	30.0
6.	Davis Gandees/Pilatus Porter	27.0
7.	Ron Laver/Fokker Spyder Peanut	20.0

ENDURANCE:

1.	John Arthur EZB	7:51.8
2.	Jim Steward EZB	6:18.0
3.	Ed Rice EZB	4:41.5
4.	Gary Myers EZB	4:39.0
5.	Rick Myers EZB	4:33.6
6.	Jim Rice Penny Plane	4:24.0
7.	John Martin EZB	3:36.0
8.	Tom Cooney EZB	3:23.4
9.	G. Myers Penny Plane	2:55.5

MORE NOSTALGIA - Here's the stamp that brought 1ST H.R 1ST CLASS. 200% RISE IN 13 YEARS!



CHALLENGE CUP/ ESCONDITO MOSQUITO:

1.	John Martin	57.4
2.	Jim Stewart	56.8
3.	Mike Arak	47.4
4.	Jeff Laver	33.0

** Also Tom Cooney, Jim Rick, Ed Rice and John Arthur built mosquitos

HOW'S THAT FOR PROGRESS?

13 YEARS AGO - SEE ANY FAMILIAR NAMES?



TIME IS SHORT TO FINISH YOUR PISTACHIOS FOR THE 2ND WORLD INTER GNATS APRIL 13+14 PROXY FLYERS WANTED!

DOCUMENTATION - OR "YES, VIRGINIA, THERE IS ④ A 3-VIEW OF THE BEARDMORE ATROCIOUS CAUSE I JUST DREW IT."

The next few pages contain an article with an interesting history. When your editor was in England last Christmas, Butch Hadland showed him a letter, in German, from Benno Sable, modeler and engineer. In it was his method, in rough sketches, of drawing accurate 3-views of obscure aircraft that only had photos existing.

I turned the sketches over to artist/draftsman Millard Wells who added some ideas of his own and hence this article was born. We feel that this is the first time this information has appeared for the modeler...is it?

No one can garantee that your results will be 100% accurate, but I guess you've noticed that most published 3-views are a long way from accurate too. By sending your drawings to the company, or the designer asking to confirm their accuracy, and also asking for color data it will be a great plus. Of course it is tough to correspond with Louis Bleriot, or Santos Dumont. Meanwhile this opens up a whole new horizon for those of you who, for years have been looking for a 3-view of a Thundersprecht - that fascinating canard triplane you always wanted to build.

How to use this article: Pull your H.P. apart and place page 5 beneath page 7 to form a large drawing. (2) Get a HUGH sheet of paper (like an opened up unprinted newspaper sheet), put your photo on it, and use it to establish your various vanishing points. Sometimes one of the V.P.'s will be ten feet away from your photo, but it must be established. (3)Go over all 9 points carefully- one at a time- using all the graphics Millard has drawn, until the lights begin to go on in your head. (4) When setting up your perimeters and vertical scale (Point ③ in the text) use the span, length, and height if you know it. This data is usually available even if there are no 3-views. (Millards article is almost all visual with no text, and requires a lot of conceptual understanding. "Unless you've got some drawing background you're not gonna figure it out" Millard says. Benno Sable who's letter to Butch inspired this article says ,"It is better to refer to photos than technical drawings (3-views)". Doc says"3-view drawings from a photo is NOT for everyone".

MACDILL MEET #6 MARCH 9+10 ☆

☆ CALL BY WED. MARCH 6 TO CONFIRM MEET + TO GET YOUR NAME ON LIST OF ENTRANTS AT THE DALE MABRY GATE, CALL 305-858-6363 IF YOU'RE GOING!

(5)

(10)

THRUST LINE

NOTE: REVERSE THIS PROCEDURE TO DO A PERSPECTIVE DRAWING FROM A 3-VIEW. (IT'S FUN)

Milton Wells Sams

SIDE

TOP

FRONT

HORIZON LINE OR EYE HEIGHT LINE

R. 45° V.P.

L. 45° V.P.

VERTICAL SCALE

CUBE

LEFT V.P.

HORIZON - EYE HEIGHT LINE

RIGHT V.P.

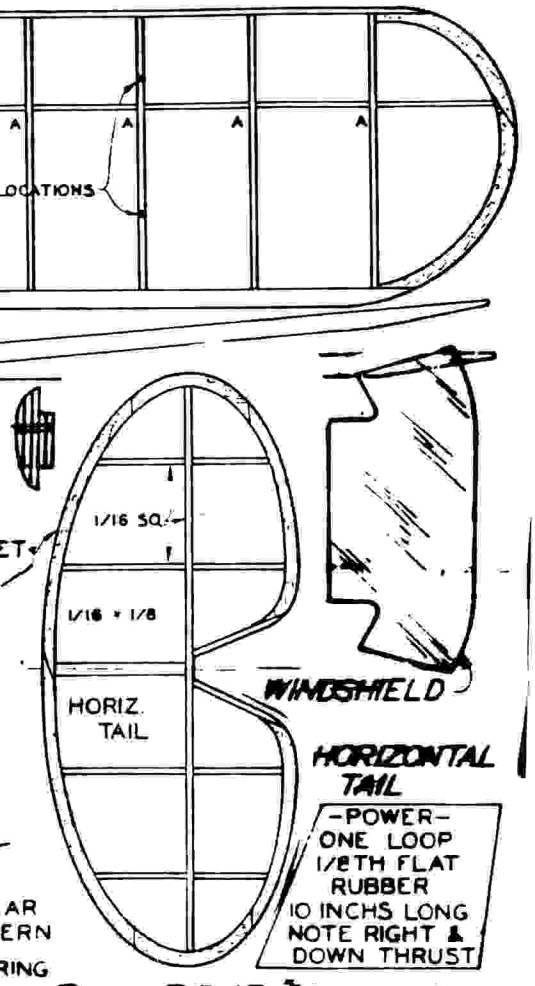
PERSPECTIVE PRINCIPLE

NOTE: A CUBE IS A 3-D SCALE: H.W.D.
A RULER IS A 2-D SCALE H W

(8) LAYOUT SQUARE PLOTS FOR 3-VIEWS (9) CONNECT DOTS ON FLAT 3 VIEW FOUND IN PERSPECTIVE

(1) FIND R.+L. VANISHING POINTS OF PHOTO (ATTACH PHOTO TO BOARD)
(2) FIND HORIZON LINE (SEE PERSPECTIVE PRINCIPLE @ LEFT)
(3) DRAW OUTER PERIMETERS + ℄ CENTER LINES.
(4) DIVIDE VERTICAL SCALE INTO EQUAL DIVISIONS. (IF YOU KNOW THIS DIMENSION...USE IT)
(5) DRAW IN CUBE (FRONT CORNER IS VERTICAL SCALE)
(6) DRAW LINE THRU CORNERS of CUBE TO 45° V.P. - TO CREATE - (VERTICAL DIVISIONS)
(7) FINISH PLOT PLAN - TOP OR BOTTOM - SIDE - FRONT OR BACK

y at least 30 sec.



PIPER PA. 15 VAGABOND"
Walt Mooney 4-15-64

) SIZE (LESS THAN 6" OVER -
BLACK TRIM. SOME VERSIONS
G FOR PISTACHIO.
IPAN, IN 1ST INTER-GNATS

(Reprinted from INDIANAPOLIS STAR) (6)

Just Like Dracula

NEW PHRASES DEPT.

When long-suffering American taxpayers got wise to politicians' use of the term "revenue enhancement" for tax increases, the bureaucrats had to coin a new euphemism.

The Treasury Department, in its relentless desire to candy-coat a rotten apple, now describes a tax hike a "tax base erosion control."

We tell you this in case you're stopped on the street by some pollster who asks, "Do you favor tax base erosion control?"

You might be tempted to say "yes" because erosion control sounds so good, pure, sensitive and caring to say nothing of ecologically viable. It's the kind of phrase you can feel clean about, as if you'd eaten nothing but granola bars all week.

As a public service, we'll continue to report these new euphemisms as soon as we discover them. Of course, we're not kidding ourselves that we can ever wipe them out. As soon as one sugarcoated phrase is exposed, the polls invent a new one to replace it. Phoniness about taxes — like Dracula — escapes every coffin.

LET'S HEAR IT FOR REVENUE ENHANCEMENT - ESPECIALLY MINE.

RESULTS MEET 5 CONT.

EASY B EVENT :
1. MILLARD WELLS 5:15
2. JIM STEWART 2:18
3. W. EVERSON 2:16

CLASS A. ROG :
1. EVERSON 3:26
2. MARTIN 1:48

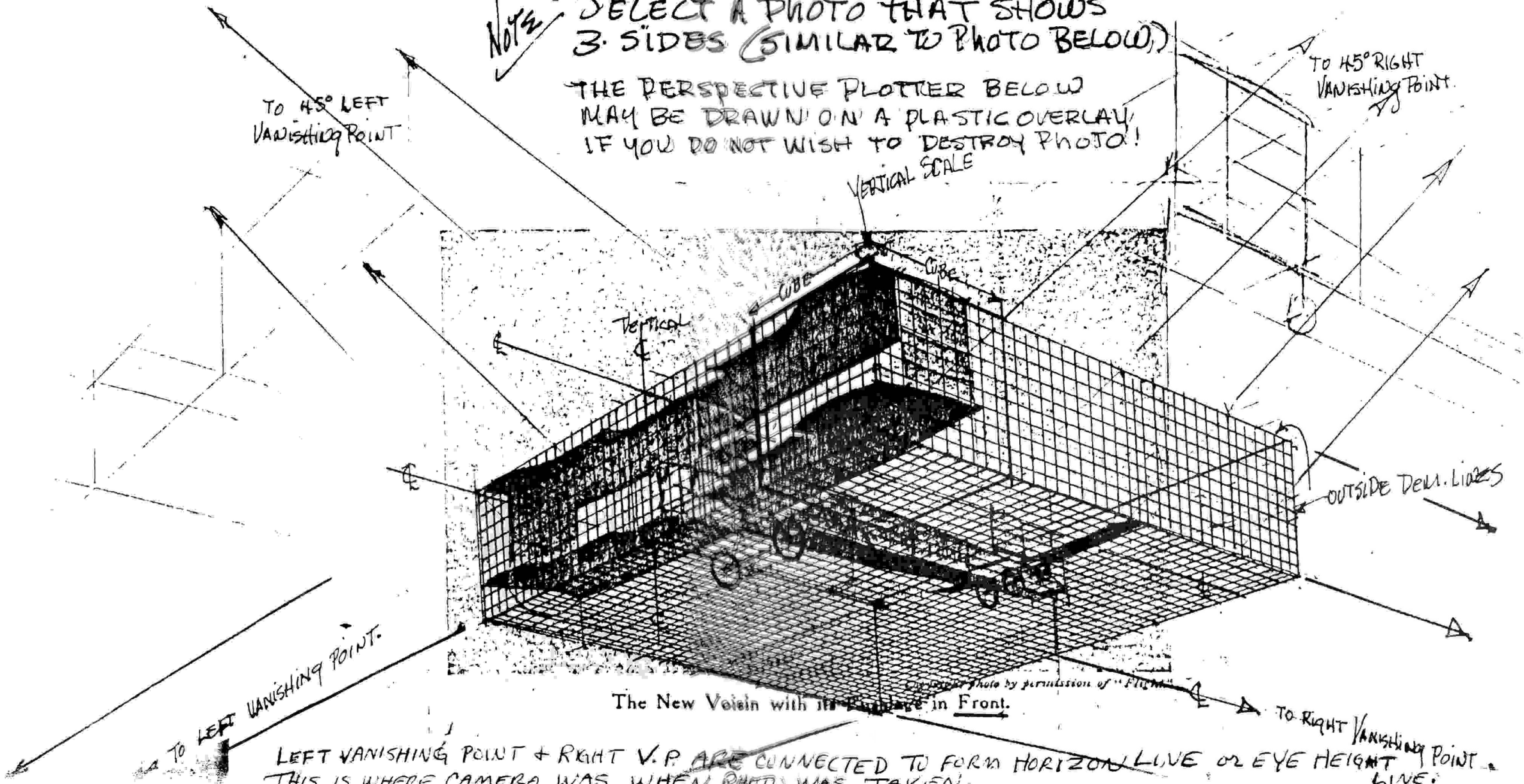
PENNY PLANE :
1. EVERSON 5:23

WHERE WAS EVERYONE ?

(7) HOW TO DRAW AN "ACCURATE" 3-VIEW FROM A PHOTO...

NOTE: SELECT A PHOTO THAT SHOWS 3 SIDES (SIMILAR TO PHOTO BELOW)

THE PERSPECTIVE PLOTTER BELOW MAY BE DRAWN ON A PLASTIC OVERLAY IF YOU DO NOT WISH TO DESTROY PHOTO!



The New Voisin with its Entrance in Front.

LEFT VANISHING POINT + RIGHT V.P. ARE CONNECTED TO FORM HORIZON LINE OR EYE HEIGHT LINE.
THIS IS WHERE CAMERA WAS WHEN PHOTO WAS TAKEN

(9)

SHOULD MAKE A GOOD CAT I (UNDER 2gm.) OR CAT II (2-3 gm.) PISTACHIO

2¾" PROP

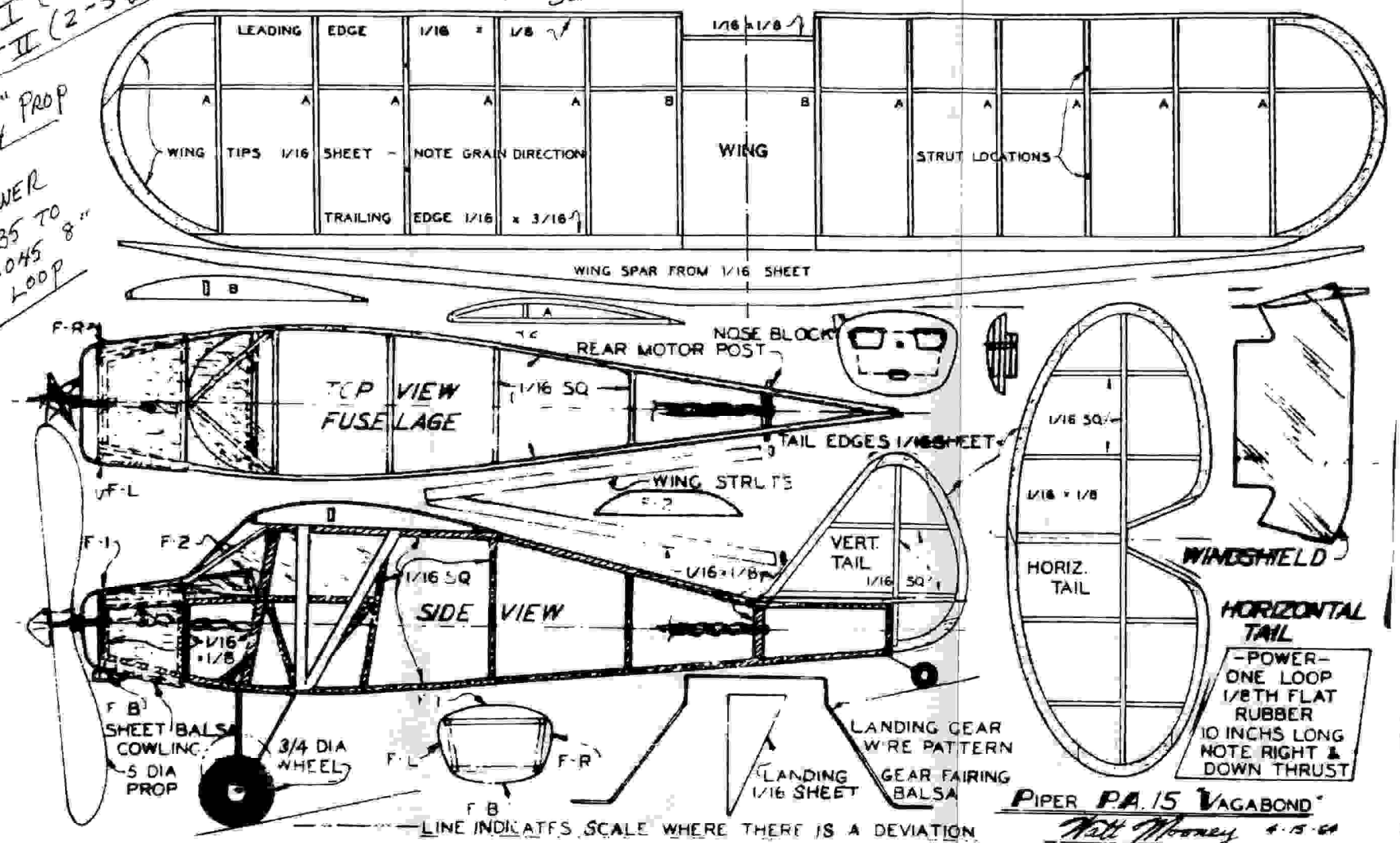
POWER .035 TO .045 8" LOOP

CAT III - OVER 3gm

RIDOTTO CAT. - Smallest model to fly at least 30 sec.

GET OUT THE TWEEZERS.

ONLY SINGLE COVERED SURFACES REQUIRED

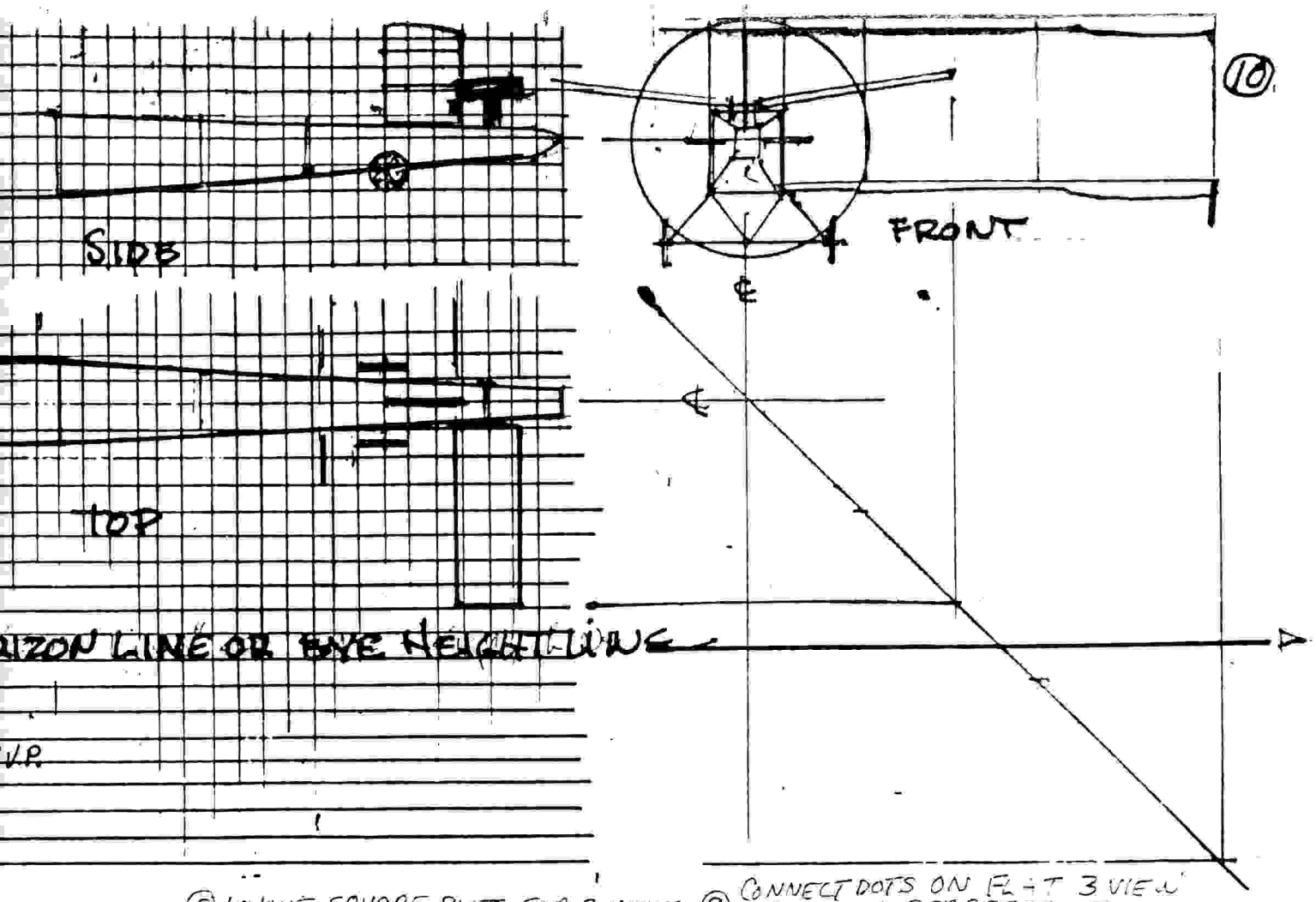


PIPER PA.15 VAGABOND

Walt Mooney 4-15-64

THIS IS A WALT MOONEY PEANUT PLAN REDUCED TO PISTACHIO SIZE (LESS THAN 6" OVER-ALL LENGTH) BY BOB ANDREWS. IT WAS CUB YELLOW WITH BLACK TRIM. SOME VERSIONS HAD WHEEL PANTS. ALL DIMENSIONS ON PLAN ARE TOO BIG FOR PISTACHIO.

HAND LAUNCH PISTACHIOS. ENTERED BY S. UCHIDA, JAPAN, IN 1ST INTER-GNATS



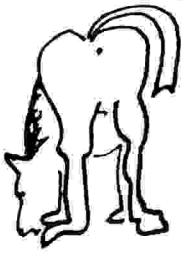
10

⑧ LAYOUT SQUARE PLOTS FOR 3-VIEWS ⑨ CONNECT DOTS ON FL+T 3 VIEW FOUND IN PERSPECTIVE

① FIND R.+L. VANISHING POINTS OF PHOTO (ATTACH PHOTO TO BOARD)
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⑦ FINISH PLOT PLAN • TOP OR BOTTOM • SIDE • FRONT OR BACK

I V.P

FROM THE HORSES MOUTH + OTHER ORIFICES:



We are happy to begin this column on a good note by telling you that meet number 6 will be held at Macdill Air Base unless something urgent comes up between now and March 9. We will also have a SWAP MEET on Sat. night at the Expressway Inn (See map on rear cover). Bring your old books, plans, kits, supplies, etc. The 4 & 1/2 hour trip from Miami can be less boring if you pool up with another local..Call Wlt Everson 667-0506 to car pool. Dick Obarski, CD, announces a Regional Trials for F1-D aircraft. Two months ago we mistakenly called a Local Trial "Regional".. a mistake. Get your World War I biplane peanut ready for the Flying Aces event run by Dean McGinnes late on Saturday. Always a crowd pleaser, and photographer's dream.

On a less happy note the Macdill Base will be unavailable from March 27 to June 27 which means we will have to cancel the meet we had scheduled there on May 11 & 12. We will have our last meet of the 84/85 season at another site, but we don't know where yet. Probably by next H.P.

A reminder that time is short to finish your pistachio models for the World Inter Gnats April 13 & 14. Mail 'em in to MIAMA or bring them to Miami Dade South College on meet days. All those that arrive here at H.Q. will be scale judged before the meet and will have extra flying time.

I don't know if it's been made clear, but Tony Italiano, CD for the 4th U.S. Indoor champs, must have enough entries in hand by May 1, or the meet will be CANCELLED. NFFS is not going to risk losing a bundle like they did last year by hoping for sufficient late entries. I can assure you, as a battle scarred Contest Director that it is very annoying to plan a big meet with a small advance entry and a bunch of late entries. One year I went to West Baden with 18 entries in the Peanut Grand Prix, and ended with 65 entries. It is easier to cancel a meet than have a nervous break down. So if you are going to Niagara Falls think about it NOW, do your planning, and send Tony your entry, or there may be no meet. Entry and info: USIC 1655 Revere Drive Brookfield, WI 53005 by May 1

In addition to the list of "Slick" magazines in this issue we present a list of the FINE club publications we get here at MIAMA . All are free flight, and all are recommended. A ★ means they feature lots of Indoor.

★ El Torbellino, San Diego FF Club $10.00 Howard Haupt 3136 old Heather Rd. San Diego Cal 92111

★ Winding Stooge Tom Winter 1010 Eastridge Dr. Lincoln NE 68510

★ New York Indoor Times Ed Witten POB 176 Mall St. Station NY N Y 10005

— F M A News Terry Rimert 367 Orange Ave Baldwin Fla 32234 State News

— Swamp Sidn. News Dean McGinnes 5275 William Clark Rd. Lakeland Fla. 33805

MANY MORE - NO ROOM - SEE NEXT ISSUE

C.I.A.M. MEETING

AEROMODELLING MAGAZINES 6/7-12 1984

(12)

AEROSPLAI	Aragan 330-19, Barcelona 9, SPAIN
ADEPTE DU RADIO MODELISME	24 rue Marc Sequin, 75018, Paris FRANCE
AEROMODELLER	35 Bridge St., Hemel Hempstead, Herts, ENGLAND.
AERO REVUE	Lidostrasse 5, 6006 Lucerne 15, SWITZERLAND
AERO MODEL	Libertad 948, Local 12, Buenos Aires, ARGENTINA
AIRSCENE	11 Cornwall Close. Gladstone Park. 3043. AUSTRALIA
AUSTRALIAN RADIO MODELLER	53, Wellington Rd. Mount Barker, S. AUSTRALIA 5251
AVIATION NEWS	226 High St. Berkhamsted, Herts, ENGLAND
CONTROL LINE TECHNIQUE	Kinokuni Bldga. 1-4-2 Ebusu-Minami, Shibuya-ku P.P. Codel, 150 JAPAN.
ECO MODEL	Via del Fonditore 16a, 40127 Bologna, ITALY
EL AEROMODELO	San Antonio Maria Claret 47, Zaragoza, SPAIN
FINE SCALE MODELLER	1027 N Seventh St. Milwaukee, Wisconsin 53233, U.S.A
FLAPS	Zuniga 16, Vallodolid, SPAIN
FLUG + MODEL TECHNIK	Fremersbergstrasse 5, 7570 Baden-Baden, WEST GERMANY
FLYING MODELS	P.O. Box 700, Newton, New Jersey 0786, U.S.A.
FLYV	Romersgade 19, Copenhagen 1362, DENMARK
FREE FLIGHT NEWS	5 Ashley Road, Farnborough, Hants, U.K.
HOBBY	Skolgrand 10, P.O. Box 9135, 102 73 Stockholm 9, SWEDEN
HOBBY BULLETIN	P.O. Box 10, Bussum, NETHERLANDS
INDOOR NEWS & VIEWS	Box 545, Richardson, Texas 75081, U.S.A
INDIAN MODELLER	15 Shakespeare Sarassi, Calcutta 16, INDIA
ILMAILU	Malmin Lentoasema 1, Helsinki 70 FINLAND 00700
LA CONQUETTE DE L'AIR	53 Avenue des Arts, Brussels 4, BELGIUM
LENNOKKI	PL 9 00702 Hrldinki 70 FINLAND
LE MODELE REDUIT D'AVION	12 rue Mulet, 69001 Lyon, FRANCE
MODEL JOURNAL	Denpa Jikken-Sha 6-15-4 Shimouma Setagaya-ku, TOKYO
MODEL AVIATION CANADA	BOX 9 112 COWAN AV. OAKVILLE ONTARIO. CANADA L6J 4Z5
MODEL AVIATION	Academy Model Aeronautics, 1810 Samuel Morse Drive, Reston, VA 2090, USA
MODEL AIRPLANE NEWS	837 Post Road, Darien, Connecticut 06820, U.S.A.
MODELAR	Jungmannova 24, 11000 Praha 1, CZECHOSLOVAKIA
MODELARZ	ul Chocimska 14, Warsaw, POLAND
MODELL BAU HEUTE	Sterkover Strasse 158, 1053 Berlin, D.D.R
MODEL BUILDER	621 W. 19ST BOX 10335 COSTA MESA CAL. 92627-0132 USA

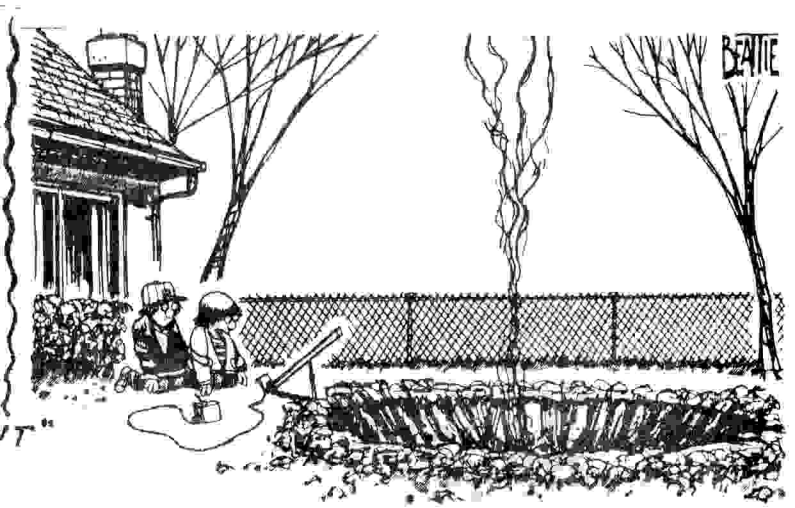
BILL HANNAN - HERE ARE A FEW NEW ONES FOR YOUR LIST.

BORED WITH YOUR READING ? HERE AND ON NEXT PAGE ARE THE WORLD'S MODEL MAGS. THANKS MARTIN DILLY AEROMODELLER

(13)

MODELFLYVENYT	Mariendalsej 47, 5610 Assens, DENMARK
MODELFLYGNTT	Alborggade 17, 5th København, DANMARK
MODELLFLYGYNTT	Box 8044, 421-08 V Frolunda, SWEDEN
MODELE MAGAZINE	15-17 Quai de l'Oise 75019, Paris, FRANCE
MODELL	Postfach 1820, Klosterring 1, 733 Villengen, W. GERMANY
MODELLEZES	H-1093 Budapest IX, Szamuely, U44, HUNGARY
MODELLISTICA	Borgo Pinti 99r, (Vincino via Giusti) 50121 FIRENZE ITALY
MODELLI	Via Carnevali 68, 20158 Milan, ITALY
MODELLI & SPORT	Via Cristoforo, Capone N 59-84100, Salerno, ITALY
MODELLISMO	Corso Italia 8, Milan, ITALY
NATIONAL FREE FLIGHT DIGEST	654 India Street, San Diego, Ca 92101, U.S.A
PIENOIS MALLI	PL 74, 00131 Helsinki 13, FINLAND
PLAYMODEL	Via Nemorense 90A, Rome, ITALY
RADIO COMMANDE MAGAZINE	1 Place du Marche, 91000 Evry, FRANCE
RADIO CONTROL MODELER	Box 487, Sierra Madre, California, U.S.A.
R/C MODEL	Fermin Cabellero 621, Madrid, 34, SPAIN
R/C MODEL JOURNAAL	Holland Hobby Press, Postbus 555, 5340 AN Oss, Netherlands
R/C SCALE MODELLER	Challenge Publications Inc. 7950 Deering Ave. Canoga Park, Ca 91304, U.S.A.
R/C MODELLE	Grundstrasse 40, 7022 Leinfelder-Echterdingen 1
R/C TECHNIQUE	Denpa Jikken-Sha, 15-4 Shimouma-6 Chome, Setagaya-ku, Tokyo 154, Japan
RC MODEL	Fermin Cabellero 62, Madrid 34, Spain
R.C.M.&.E	35 Bridge St. Hemel Hempstead, Herts, ENGLAND
SCALE AIRCRAFT MODELLING	226 High St. Berkhamsted, Herts, ENGLAND
SCALE MODELS	35 Bridge St. Hemel Hempstead, Herts, ENGLAND
SKRYDLATA POLSKA	ul Widok 8, Warsaw 10, POLAND
SPORT MODELISMO	Rue Lidia Coelho 5, CX Postal 12235, Sao Paulo, BRAZIL.
SEA & SKY	Patrio Planning 1-22 Yothuya, Shin Jukuku, TOKYO
VOL LIBRE	16 Chemin de Beulenwoerth, 6700 Strasbourg, Robertsau, FRANCE
WINGS OF FATHERLAND	Moscow B66, New Riadanskia 26, U.S.S.R
YOUNG MODELLER	Moscow A39, Suczewskaya U1 21, U.S.S.R.



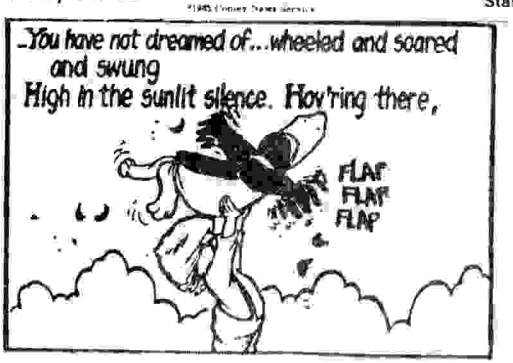


"GREAT SCOTT... DOC MARTIN LOST A PENUT EVENT"
"O.K. SO YOUR EZB DID 8 MIN., TRY TO GET A LITTLE WORK DONE"
"WHAT'S THIS? INDOOR IS FOR EVERYONE!"
"LAST TIME IT CAME HE SPENT HALF A DAY IN THE JOHN."

"Being a model rocket hobbyist just isn't the same since that new Star Wars technology..."

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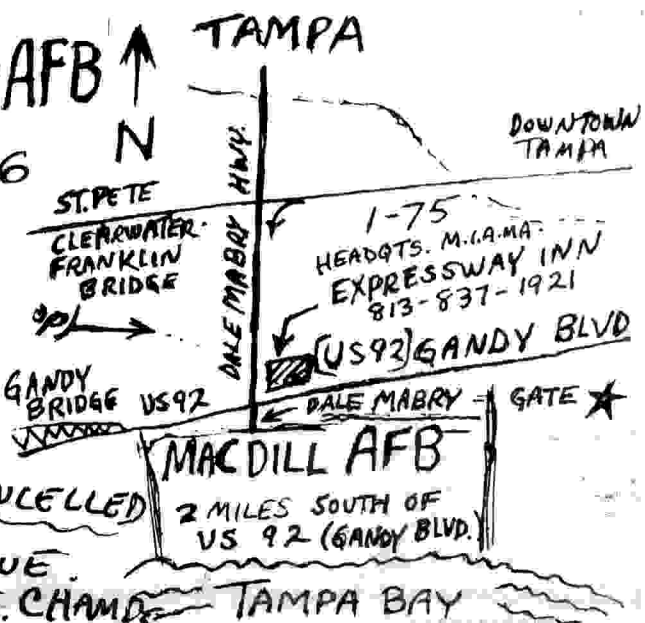
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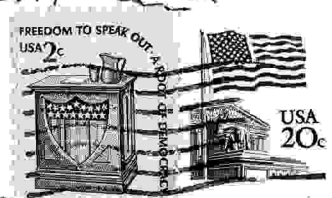
WHAT'S ON: MACDILL AFB

SAT + SUN 9 to 5 MARCH 9 + 10 INDOOR MEET 6
CD DICK OBARSKI 2349 BARCELONA AVE FTMYERS 33905
1-913-693-1996
FLYING ACES MASS LAUNCH (WWI BIPLANES)
REGIONAL FID TRIALS
APRIL 13 + 14 WORLD PISTACHIO
INTER-GNATS
LAST MEET - #7 - NOT AT TAMPA -
MAY 11 + 12 MACDILL LOCATION CANCELLED
MEET WILL BE HELD AT SITE
TO BE ANNOUNCED NEXT ISSUE.
JUNE 18, 19, 20 NIAGARA FALLS - 4TH U.S. CHAMPS



THE HANGAR PILOT

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