THE HANGAR PILOT

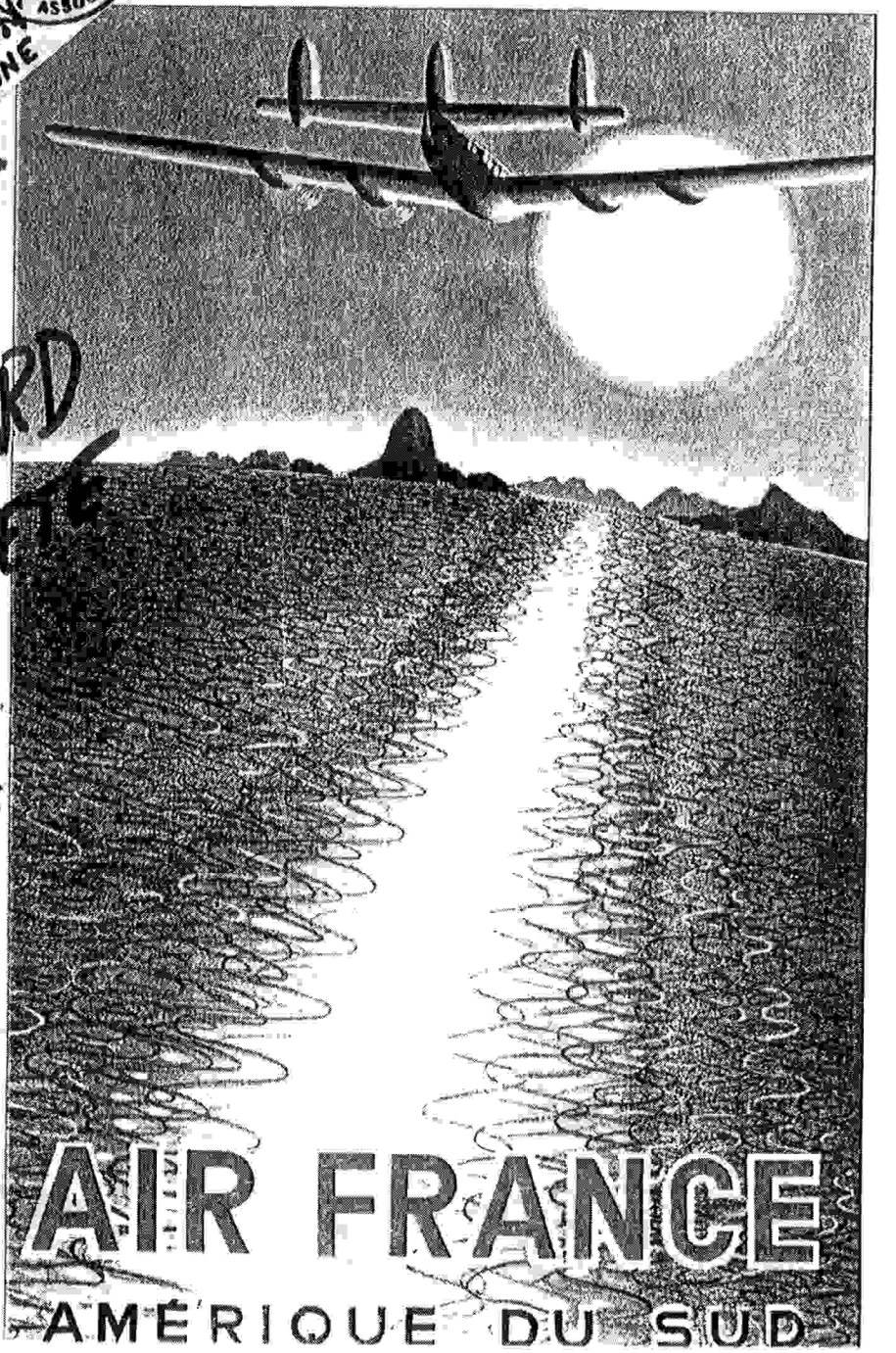
MIAMI INDOOR AIRCRAFT MODEL ASSOCIATION

ISSUE 2-02

28TH YEAR OF PUBLICATION
INDOOR ISN'T FOR EVERYONE

NEXT MEET
MIAMA #6
USCOAST GUARD
HANGAR-STPETE
APR 24-25

1ST OUTDOOR
FAC MEET
MAY 1 2
PALM BAY



A post-war passenger transport follows the setting sun to South America in this poster created for Air France. Technological advances made under the pressure of war led to vast improvements in commercial aircraft.



"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 [redacted] 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,]-views, complaints, gripes and compliments to: Dr.John Martin Jr., President / Editor, 2180 Tigertail Ave., Miami, FL 33133 USA. phone: 305-858-6363.

MIAMA CLUB NEWS AND MEET 5

Well, it wasn't Tropicana, but the Armory is a very fine Cat. III site and 14 pilots showed up to fly there in meet 5. We welcome N.Y.'s Vince Sadwick, J.P. Coughlin, and Toronto's Bernard Gillespie; all fresh new faces on the flight line.. Boy, the FAC peanut mass launch is really getting good. A minute after launch there were still 6 peanuts circling around overhead. Doc prevailed in the third round over Gilbert and Bollinger with a flight of 1:41 with his kit plan MAL Ford 2 AT. MacEntee kept up his great flying by winning 5 of the 6 events he entered. How about this? Obarski won 3 of the 5 events he entered and was 2nd in the others. Or this..John Barker had 3 firsts and 3 seconds! How good can you get? Don't get discouraged all you inept clutzes out there like me. Just keep building and flying like the rest of us, and eventually get pretty good too.

In this issue is another of the delightful nickel scale plans from Walter. We'll have a mass launch for these little critters at the Coast Guard hangar on April 24. Walt was right...increase the tail area and the dihedral.

Ed Seay appologizes for NOT being at the USCG meet. He says he'll see you at Johnson City with his mobile MAL model shop and fine indoor stuff.

We're entering our third year of the FAC Summer Series. For the size of Florida, we can certainly have a larger field of of FAC flyers.. See the back page for the dates.

LAST CALL FOR POSTAL PISTACHIO MARCH 31

FIRST OUTDOOR FAC + SAM 46 MAY 1,2

CD DON BRIMMER 813-727-6667

MIAMA MEET 5 , March 27,28. TAMPA ARMORY. C/D Doc Martin Asst. Gen Obarski 1999

FAC peanut scale

		scale Pts.		
1.Rich MacEntee	Andreason Bipe	74	1:18.5	143.5
2.Doc Martin	Ford 2-AT	56.5	1:51	136.7
3.Newt Bollinger	Cougar	61.8	1:22	132.8
4.John Barker	Clipped Cub	59.5	1:13	126.0
5.Sidney Gilbert	Lacey M-10	51	1:37.8	127.8
6.John Wormley	Lacey M-10	60	1:02	121
7.Chas. Shaw	Dayton Wright	46	:50	96
8.Chas. Nelson	Lbening Kitten	58	:23	81

FAC RUBBER SCALE

1.Rich MacEntee	YO50	61.1	1:43.3	140.2
2.Doc Martin	Vance Wing	73	1:04	135
3.Sidney Gilbert	Comper Swift	58.5	1:17	127
4.Chas. Shaw	DH-6	64	32	96

pistachio model of a model- MIAMA

1. Dick Obarski	Snuffy	1:41	2:10
2.Rich MacEntee	Lil Mavis	1:18	1:22
3.Vince Sadwick	1952 Wake	:57	:45
4.C.Nelson	Pussy Cat	:29	

MIAMA PISTACHIO SCALE

1.R. MacEntee Mess.	M-20	1	1:17	1:22	1
2.Doc Martin	W indham	2	:39	:39	2
3. Sid Gilbert	Wee Bee	2	:47	-	3

MIAMA DIME SCALE

1.Richard MacEntee	Fokker D-7	614
2.Newt Bollinger	Taylorcraft	353
3.Doc Martin	Bearcat	283

FAC No-Cal

1. R. MacEntee	Fike	2:44
2. R. Obarski	Farman	2:20
3. Doc Martin	Dayton	2:05

FAC EMBRYO ENDURANCE

1.J. Barker	Swordfish I	409
2.N. Bollinger	Colt 50	396
3, S. Gilbert	Colt 50	281
4. J. Wormley	Hornet	276

AMA LIMITED PENNY PLANE

1. R. Obarski	9:01
2. J. Barker	8:45
3. V. Sadwick	4:37
4.C. Nelson	:47

AMA Mini-Stick

1.J. Barker	7:01
2.R. Obarski	6:45
3.V. Sadwick	5:07
4.C. Nelson	1:04

AMA EASY B

1. R. Obarski	13:55
2.J. Barker	10:10
3. V. Sadwick	6:01
4.J. Wormley	5:02
5.C. Nelson	:33

CATAPULT GLIDER: 1. C. Nelson :21,:31

HL GLIDER : C. Nelson :17, :19

AMA BOSTONIAN

1.J. Barker	Romulus	1.03	350.2	1	2
2.N. Bollinger	Colt 48	1.05	275.1	2	4
3.S.Gilbert	7-Up	1.o5	239.4	3	5

MIAMA LEGAL EAGLE

1.R. Obarski	Simpleagle 9:49
2.J. Barker	Rumpole 8:53
3.R. MacEntee	VT Tail 8:34
4.J. Wormley	White Bronco 5:26

FLYING ACES PEANUT MASS LAUNCH

1. Doc Martin	5. John Wormley
2.Sidney Gilbert	6.Rich MacEntee
3.Newt Bollinger	7.Bob Shaw
4.John Barker	

MIAMA COCONUT SCALE

1.S. Noriega	Piper	1:55
2.R. MacEntee	Lemberger	Hit Wall

(3) WE GET GREAT LETTERS DEPT. THANKS, PILOTS; VERY GRATIFYING. Doc

Dear Doc,
Enclosed please find a check for $ 24.00 for two years of "Hanger Pilot."
Hanger Pilot? Well its sort of like a Bible to me. Its what I live for and abide by. Corny? yes, but thats how I feel.
Happy Holidays,
Warmest Regards,
Walter

12/17/98

Dear Doc:
Here what Hangar Pilot has meant to me:

A wonderful source of information & pleasure with a refreshing approach.
A happy departure from the usual B.S.- Phoney advertising & lies put out by the news media, lawyers and manufacturers. Its too bad that the bottom line has become a national religion which make your publication so refreshing in its departure from all this.
Keep up the good work & KUDOS to you for the giving of all your unselfish time & efforts. We really appreciate it.

a grateful & ass-kat-isfied member of HP/AAHR
Dick Obarski

Jan 7, 1999

Hi Doc!
Check enclosed for "Re-up". Your club doings are always of great interest.
The Tropicana meet sounds like a true historical event!!
A lot of us old kids will be waiting for your write up!! Herm

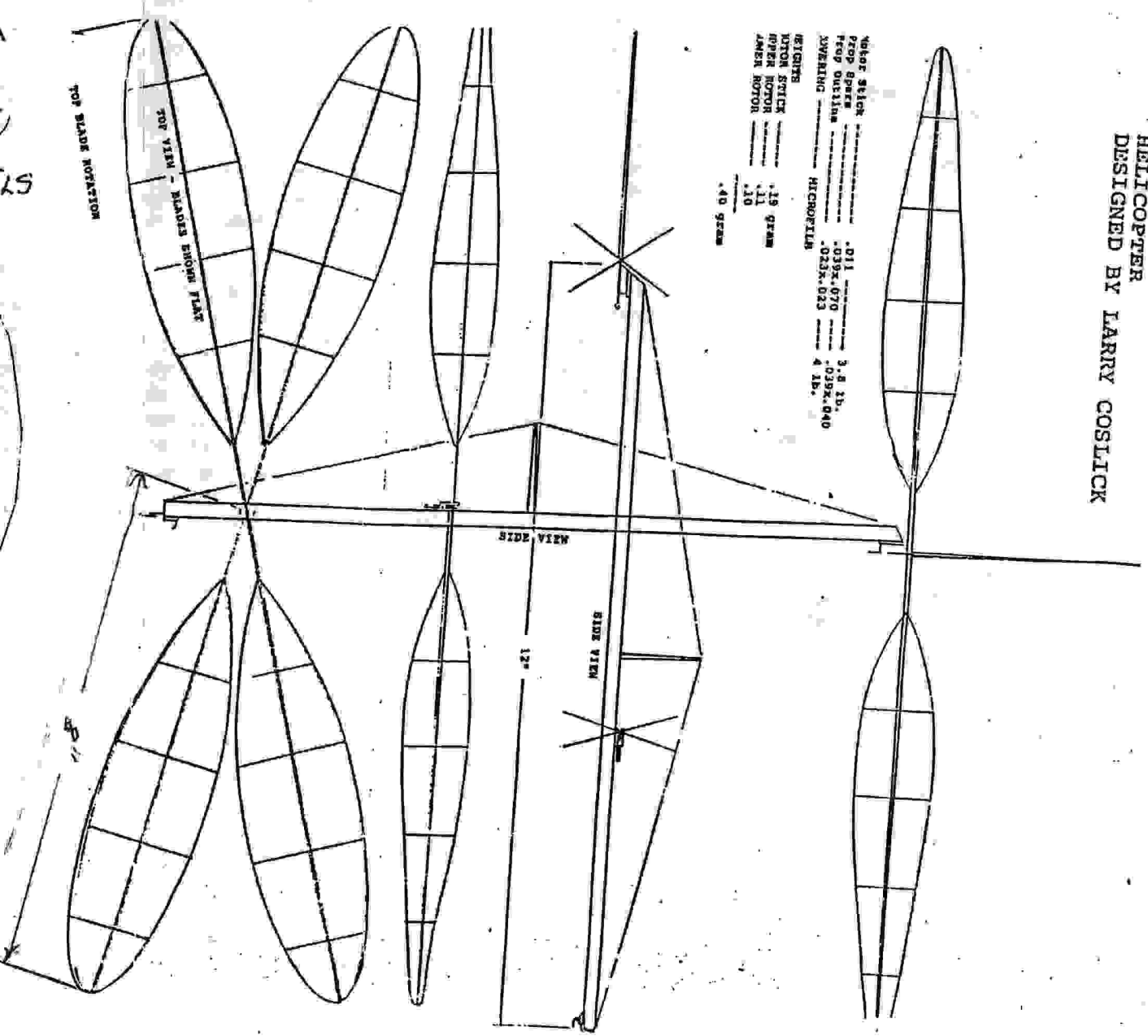
Happy Holidays

Doc.
I had written many things what the Hanger pilot means to me. After reading Issue 199 Pg. I threw FAC club $!! "Like a letter from Home" I couldn't beat that.
My $2.50 enclosed after Jan 1 send to
after
Vince Sadwick 13408 Boca Ciega Ave
Madeira Beach
Florida 33708

Vincent Sadwick
58 Woodside Ln
Rochester, NY 14618-5036

(4)

TRY A HELICOPTER AT JOHNSON CITY



(5)

'MILLER LITE' Record Breaking EZB

FROM NORWIND NEWSLETTER, UK

Laurie Barr

For those of you who have not seen Free Flight News here is the very best in EZB's. Laurie flew this model in the USA in the Wally Miller International event at the Kibbie Dome coinciding with the Indoor World Championships. Laurie won this event with a best time of 29:03 minutes. Laurie then went on to set a new World Record of 33:04 at Cardington on the Monday of the BMFA Indoor Nationals. 'Miller Lite' is a USA rules EZB weighing 0.6 gram.
Laurie also won the Nationals F1L event with a 1.2 gram version of 'Miller Lite' with a time of 25.03.

Laurie tells us that he built his model from 4.5 lb/ft^3, stiffness tested balsa which was 50% stiffer than average balsa. He warns that if your wood is not of this quality you should use 5.5 - 6.0 lb wood otherwise the model will not be able to handle full turns.

On Laurie's record flight he used a 13.5" loop of Tan 2 (1994 pink) weighing 0.7 gram. This was wound to 2500 turns and backed off to 2410. Launch torque was 0.185 ounce.inches.

Observant readers will notice that the wood grain in the propeller blades is angled opposite to that normally seen on EZBs. This is not a draughting error, the propeller is designed to flare at high torque and this is helped by positioning the grain in this direction.

If you compare our drawing with the one in FFn you will note that ours shows the centre rib offset from the motor stick. For what it is worth ours is correct! You will also see that there are one or two minor dimensional differences. This is because our drawing has been scaled from Laurie's original sketch before the one in FFn was published.

In case you are curious about the name, 'Miller Lite', here is the story. Larry Coslick was the first to set an EZB time in excess of 30 minutes at Akron so he called his model 'Akron Lite'. Laurie's beat Larry's time by nearly 3 minutes in the Miller International so what else but 'Miller Lite'. The fact that Laurie had consumed large quantities of a well known American beer during the World Championship is just coincidental.

MODEL AIRPLANES AND

MOVIES

Allen says his movie making is therapeutic



WOODY ALLEN

Woody Allen, whose movies become more and more self-obsessed and remote, says work is therapeutic for him. "But not in the way you think, it's not psychologically or insightfully therapeutic.

"It's therapeutic in work in the same way if I was building a model airplane. You go in a room, write a script, you spend months casting it, looking for locations, working from 7 in the morning to 7 at night, filming, edit, put music in, and it's very therapeutic. If I didn't do it, I would probably be anxious and depressed."

What the Hangar Pilot Has Meant to Me

by Dave VTO Linstrum
WASATCH MOUNTAIN DEVIL DOGS / MIAMA

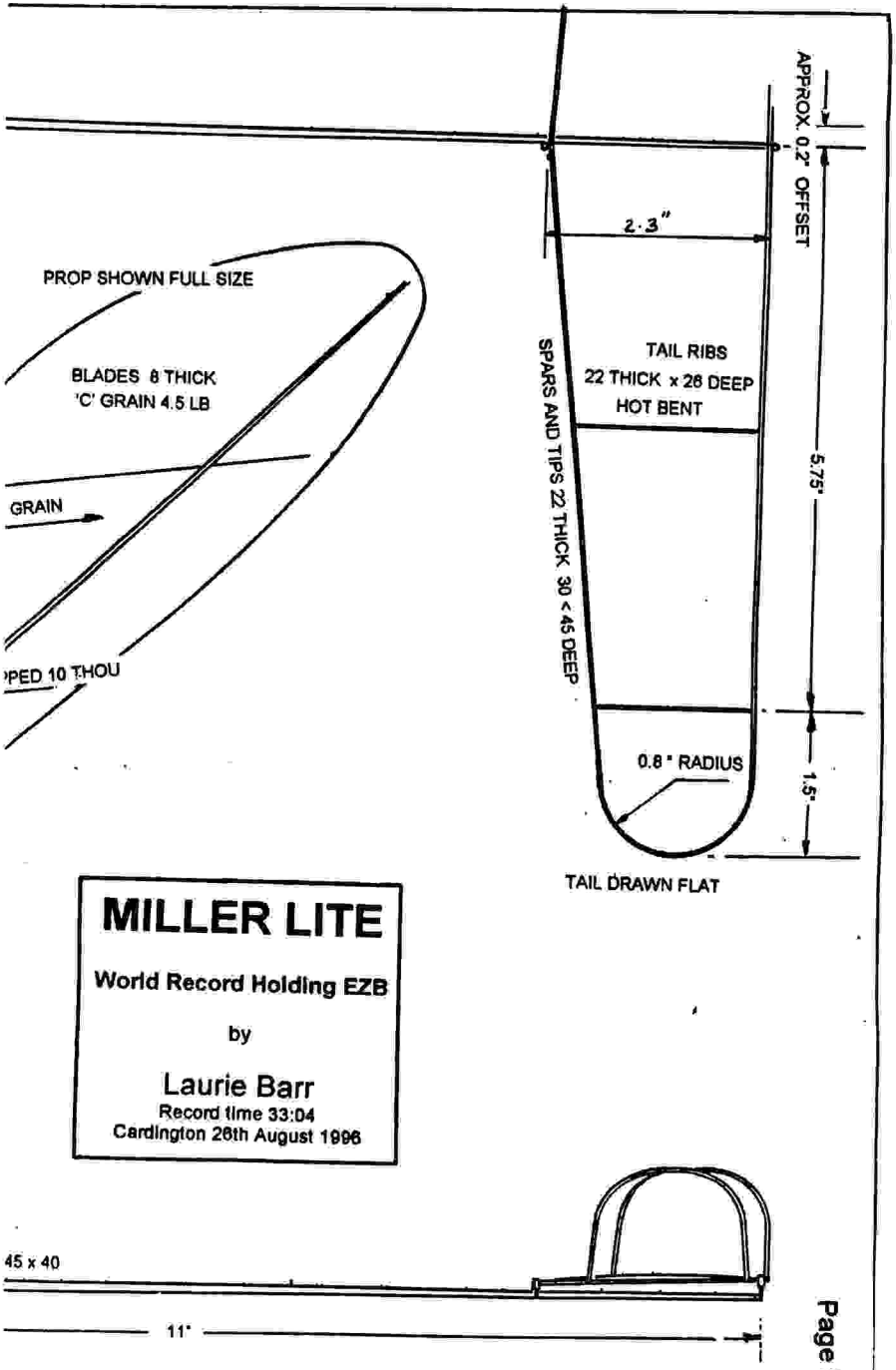
Since the first cover I drew in 1977, showing a boxy Ed Whitten rule Manhattan on launch, then later a man powered Gossamer Condor Kremer prizewinner, it has meant frequent opportunities to create aviation art in b/w. I am in the company of very distinguished artists , including Mark Allison and Millard Wells AWS.

I also enjoy publishing my designs, such as FROG Phantom Flash, Hotcakes, Pussy Cat Pistachio, and the Messerschmitt M20b among others. It is gratifying to see these built and flown by MIAMA flyers and elsewhere.

For the record, I have built many Doc Martin designs and found them to be GREAT flyers-he has panache!

Rather than just another Results Rag with scores of latest meets, the Hangar Pilot has led the way in providing how-to, super plans, scale data, news from afar & humor.

It is a veritable fount of indoor knowledge-a flyer's practical bible published by a dependable & durable guru of an arcane art- flying indoor model aircraft. Long live HP!



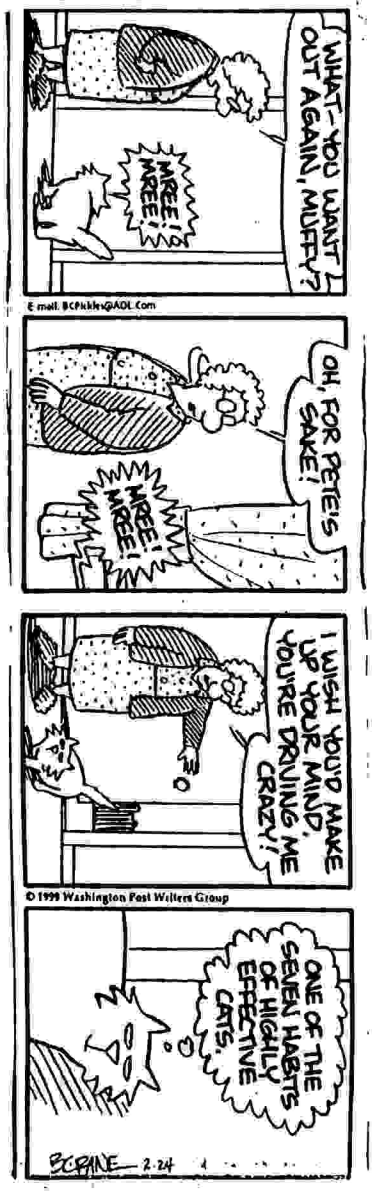
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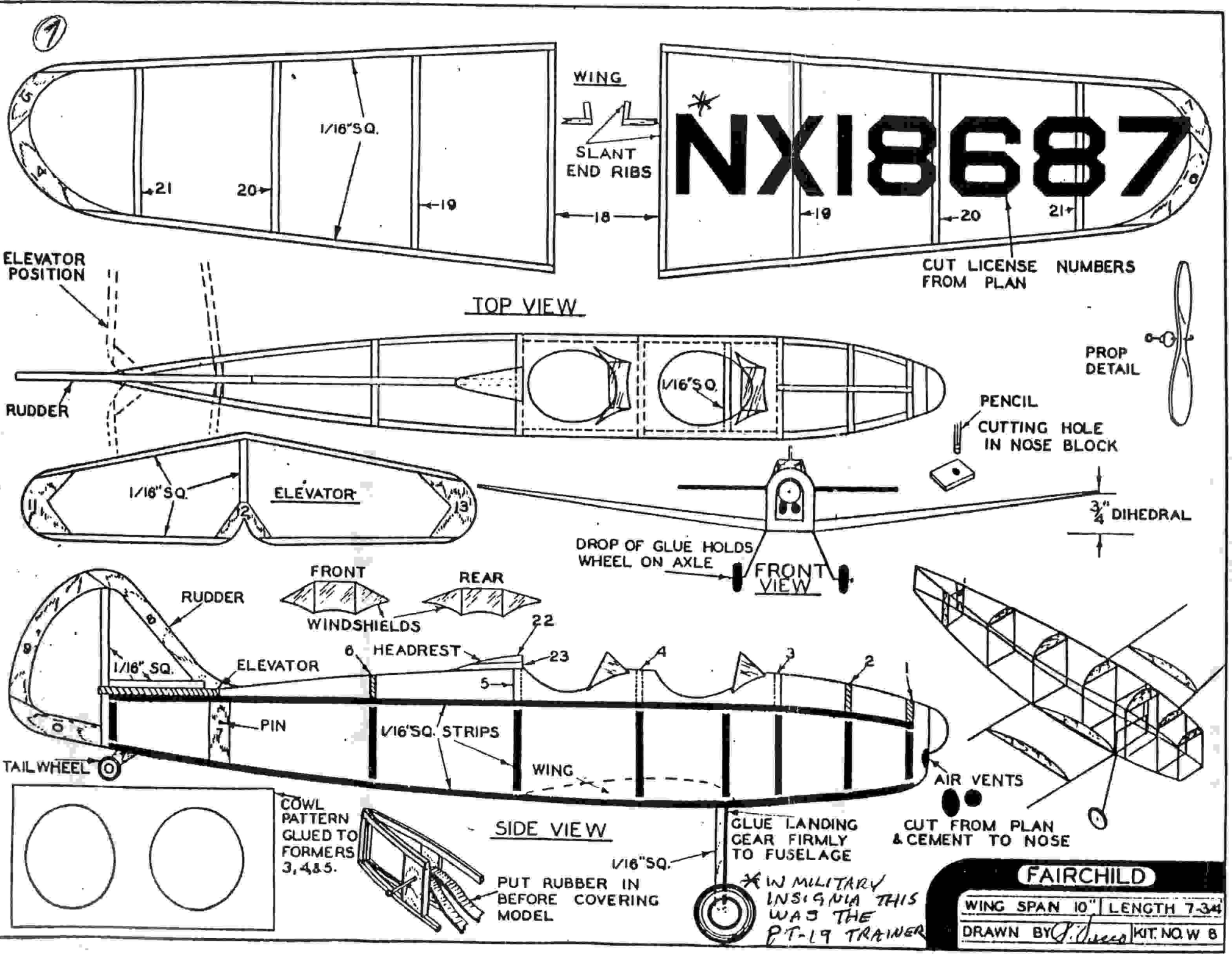
EWS HALF FULL SIZE WOOD SIZES IN THOUS

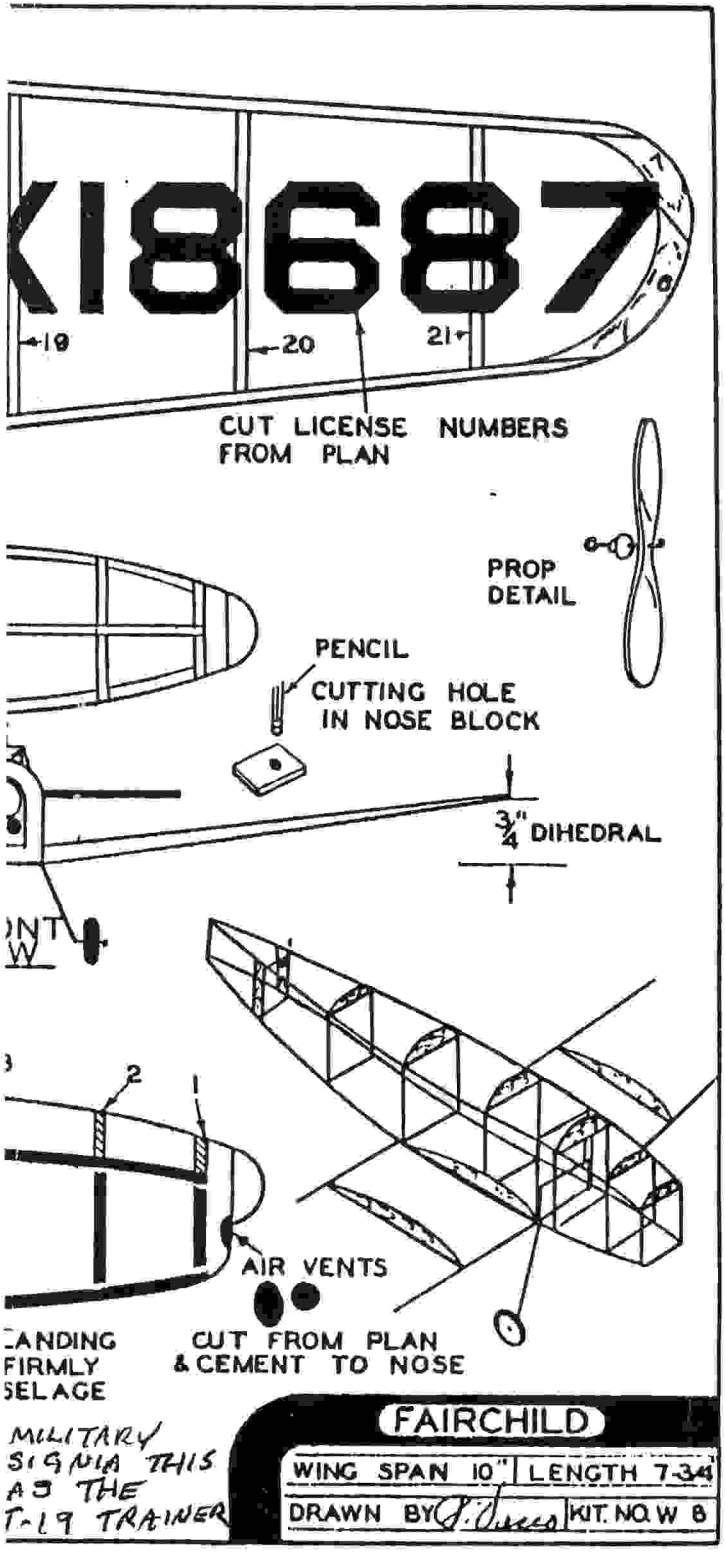
DRAWN BY J.T. DE

6

FROM UTO:




WING
SLANT END RIBS
1/16"SQ.
21
20
19
18
NX18687
19
20
21
CUT LICENSE NUMBERS FROM PLAN
ELEVATOR POSITION
TOP VIEW
RUDDER
1/16"SQ.
ELEVATOR
PROP DETAIL
PENCIL
CUTTING HOLE IN NOSE BLOCK
3/4" DIHEDRAL
DROP OF GLUE HOLDS WHEEL ON AXLE
FRONT VIEW
FRONT
REAR
WINDSHIELDS
RUDDER
HEADREST
22
23
6
5
4
3
2
1
PIN
1/16"SQ. STRIPS
WING
TAILWHEEL
AIR VENTS
COWL PATTERN GLUED TO FORMERS 3,4&5.
SIDE VIEW
GLUE LANDING GEAR FIRMLY TO FUSELAGE
1/16"SQ.
PUT RUBBER IN BEFORE COVERING MODEL
CUT FROM PLAN & CEMENT TO NOSE
* IN MILITARY INSIGNIA THIS WAS THE PT-19 TRAINER
FAIRCHILD
WING SPAN 10"
LENGTH 7-3/4
DRAWN BY
KIT NO. W 8



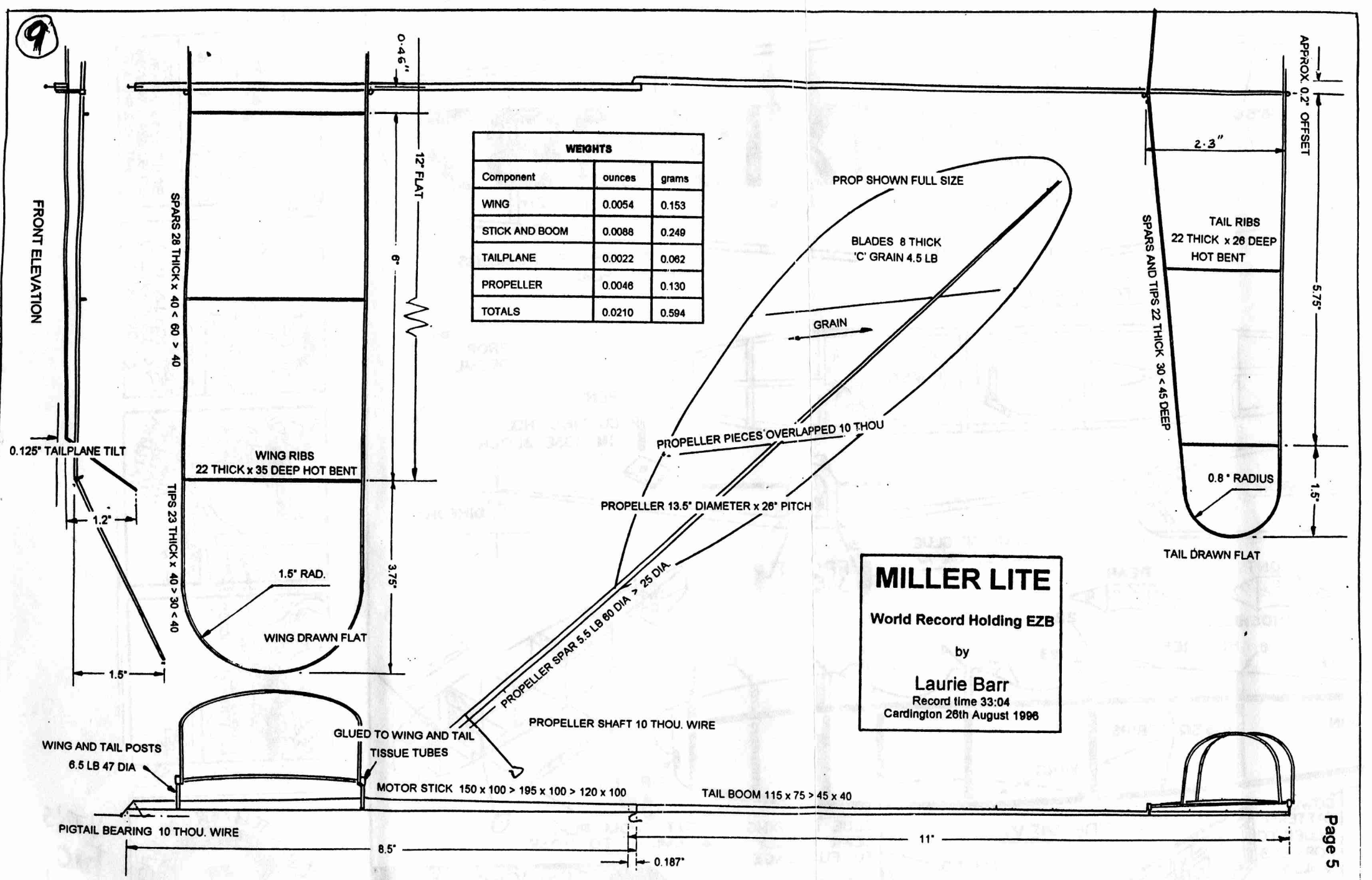
MILITARY SIGNIA THIS AS THE T-19 TRAINER

PICKLES



VTO'S FAC SQDN.

8



WEIGHTS		
Component	ounces	grams
WING	0.0054	0.153
STICK AND BOOM	0.0088	0.249
TAILPLANE	0.0022	0.062
PROPELLER	0.0046	0.130
TOTALS	0.0210	0.594

MILLER LITE

World Record Holding EZB

by

Laurie Barr

Record time 33:04
Cardington 26th August 1996

MAIN VIEWS HALF FULL SIZE WOOD SIZES IN THOUS.

THE CONTINUING SEARCH FOR PROF. DE BOBROWSKY

(10)

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

18 August 1998

Dear Doc:

I was pleased to read in Issue 194 that Dave Stott is also curious about Prof. T.N. Bobrowsky. His information fits that in an article from the April 1930 issue of Junior Mechanics and Model Airplane News sent to me by Hewitt Phillips, which states that at that time Prof. de Bobrowsky was in charge of the wind tunnel and technical advisor of the Tubular Aircraft Corp. of Secaucus, N.J.

Hewitt also mentions an article on a tandem de Bobrowsky design reported to have been tested in the wind tunnel at the Aeronautical Research Laboratory of New York University. Perhaps an N.Y.U. historian can find something about the Professor in the University archives.

What is a "tubular" aircraft? Roy Bates, of SAM 1066 over in the UK, who has been researching the Prof. with the support of a Canadian air model historian writes that he has heard of the Tubular Aircraft Company, and that they were proposing a channel-wing design to enter in the MacRobertson Race. And Hewitt sent me a print of a letter to de Bobrowsky that he began in 1931 at the age of thirteen, but never completed, disagreeing with the de Bobrowsky theories of lift produced by rotating cylinders.

The Junior Mechanics article states that Professor de Bobrovsky was Chief Engineer of the Austro-Hungarian Flying Corps during World War One. A new book published by the Air University Press "Architects of U S Air Supremacy: General Hap Arnold and Dr. Theodore vov Karman", reports (too briefly for the reviewer) that von Karman was Director of Research of the Austro-Hungarian Aviation Corps during World War One.

So did de Bobrovsky serve under von Karman during WWI? I believe there are several biographies of von Karman, including an autobiography. Who's our WWI Austro-Hungarian Air Expert?

Frank Zaic remembers meeting Professor de Bobrowsky in New York and discussing sources of small ball bearing washers with him. But apparently no deep disciussions of aerodynamic theories.

As of March 1997, Roy Bates had listed about fifteen de Bobrowsky model articles in the 1930-1932 period. More recently he has identified the Professor as a sometime physics teacher at Dickinson High School, and the designer of a model called "Cobra" put out by International Model Products. Does anyone know where Dickinson High School is?

.....

Ref.Pilot 196: Enclosed find some "TOP SUCRET" designs for Pete Van Dore, courtesy of Bill Hannan.

CIAO

Herb Weiss

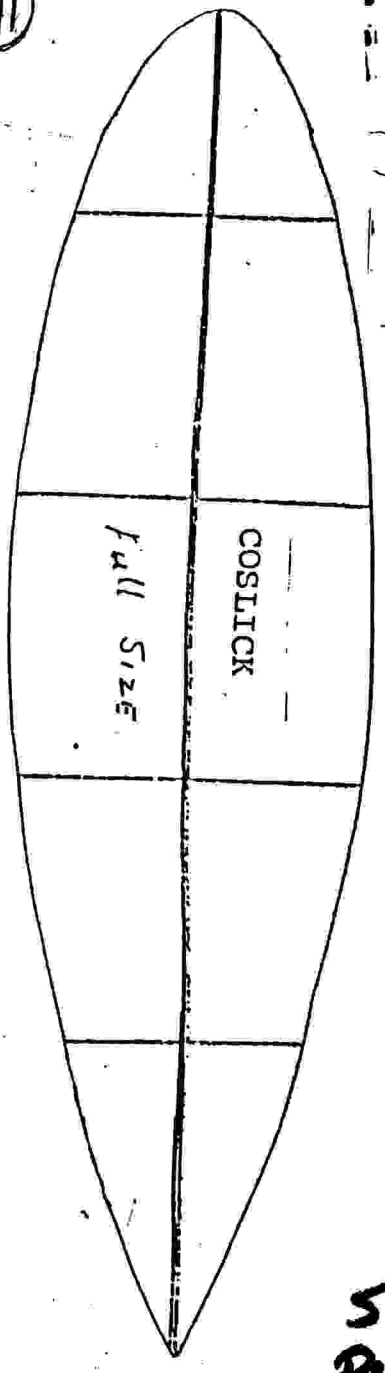
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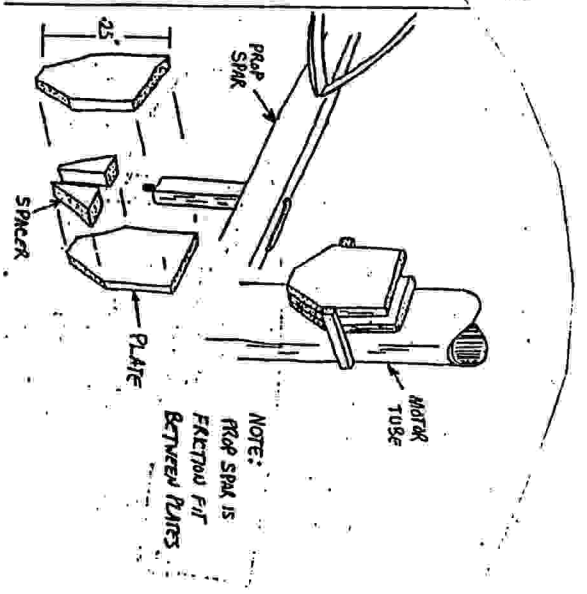
One Year..$.12,50
Two Yrs...$24.00
Canada...:$14.00
Overseas $15.50 Send to Dr. John B. Martin 2180 Tigertail Ave. Miami,Fl, 33133 USA

ED KANCIRUK

Dear Doc: Here's what Hanger Pilot has meant to me: As Much as my dreams.

Dear Doc: Here's what Hanger Pilot has meant to me: IT HAS BEEN THE Life Blood of the whole Model Pastime Today — You ARE INDEED TO BE CONGRATULATED for your SUPPORT. WELLS







SEND IN YOUR PISTACHIO PHOTO + TIME.

GORDON LIGHT

(12)

1935 Wakefield winner, Gordon Light is still alive in Connecticut. and still gets and reads the Hangar Pilot. Jane Barry writes "I am Gordon Light's court appointed conservator. He enjoys your mailings. He is in a nursing home with Alzheimer's Disease so cannot respond directly. His family is uninvolved. I see Gordon monthly. Thanks for your envolvement."

THE LAW OFFICE OF JANE E. BARRY 3/28/99

64 Riverview Street • Portland, Connecticut 06480 • (860) 342-5467 • Fax (860)257-1795

Hey, pilots, let's get some mail off to Gordon through Jane Barry so she can have some letters for him at mail call.!!

Jim Clem
2916 Province Place ✈ Home: 972-964-2500 ✈ Fax: 972-867-7496 ✈ E-Mail: frananne@aol.com
Plano, TX 75075

1-4-99

DEAR DOC,

HERE'S WHAT HANGER PILOT HAS MEANT TO ME--- BACK IN THE MID 70'S TO MID 80'S WHEN NO. 2 SON MIKE, AND I WERE ACTIVITLY FLYING TOGETHER WE ALWAYS SUBSCRIBED TO HANGER PILOT TO KEEP UP WITH WHAT WAS HAPPENING. AFTER MIKE FOUND GIRLS, AND OUR SUBSCRIPTION EXPIRED I KIND OF FORGOT ABOUT HANGER PILOT. IN NOVEMBER 1995 I SAW ISSUE 175 AND THOUGHT, WOW! NOW I KNOW WHAT HAS BEEN MISSING! RENEWED MY SUBSCRIPTION WITH ISSUE 176 AND WILL NEVER LET IT EXPIRE! THANKS FOR A LABOR OF LOVE FOR 21 YEARS!! TRULY, INDOOR ISN'T FOR EVERYONE!

ENCLOSED IS A CHECK FOR $24.00. PLEASE RENEW MY SUBSCRIPTION FOR 2 YEARS ON THE SPECIAL DEAL.

I AM SURE IT IS ALL OVER THE WORLD BY NOW, BUT SINCE I AM A CONTST DIRECTOR I WAS THE "UN OFFICIAL-OFFICIAL" AT BOB WILDER'S 4 HOUR 11 MIN. AND 6 SEC. INDOOR RC FLIGHT. SINCE THERE WAS NO SANCTION IN PLACE IT WAS NOT AN OFFICIAL RECORD, BUT IT DOES BETTER HIS OFFICIAL RECORD OF 2 HOURS + 34 MIN. BY QUITE A BIT! HOW BOUT THAT, OVER ½ A WORKING DAY IN THE AIR!

BECAUSE OF A COMBINATION OF BUDGET AND AGONY I WILL PROBABLY NOT TRY TO MAKE IT TO TROPICANA FIELD. HAVE PROMISED JOE KERR OF TULSA THAT I WILL GO TO J. CITY WITH HIM. SEE YOU THERE IN JUNE.

YOUR FRIEND,

(P.S.) THANKS FOR PUBLISHING MY PLANS IN ISSUE #194. IT'S GOOD FOR THE EGO TO SEE YOUR STUFF IN PRINT!

Dear Doc: Here's what Hanger Pilot has meant to me: Helping new flyers, re-visiting old friends, keeping up with the hobby, the kindly spirit of guidance etc.
Sal GONZALES
33133 USA

(13)

1999 AMA INDOOR NATIONALS AND THE EIGHTEENTH UNITED STATES INDOOR CHAMPIONSHIPS

"MINI-DOME" - EAST TENNESSEE STATE UNIVERSITY JOHNSON CITY, TENNESSEE

JUNE 2 – JUNE 6, 1999

Send Entry with Check Payable To:
USIC 99, 5432 Haft Rd., Cincinnati, OH 45247

NON-AMA EVENTS REGISTRATION

Name: _____ AMA # _____

Street: _____ JR [ ] SR [ ] OPEN [ ]

City: _____ State _____ ZIP _____ Phone: [ ] _____

I hereby certify that I understand all of the rules under which I will compete and will diligently follow the Official AMA Safety Code as well as any rules that may be established on site and will apply the use of accepted common sense in all my flying and affairs at the contest site.

Signature: _____

FEES:
Basic entry fee includes one event.

Entry fee	$ 10.00	_____
Junior and Senior entry	$ 1.00	_____
Additional events, OPEN	$ 5.00	_____
Additional events Jr. & Sr.	$ 1.00	_____
P24 Mass Launch	$ 3.00	_____
WWI and/or WWII Mass Launch	$ 3.00	_____
Banquet (Per Person)	$ 23.00	_____
8' Table & 2 Chairs	$ 16.00	_____
Dormitory cost (See below)		_____
Total Fees	$	_____

MUST BE POSTMARKED BY MAY 22, 1999.
LATE ENTRY FEE OF $10.00 PAYABLE ON SITE
REMINDER: SEPARATE ENTRY FORM FOR AMA EVENTS
DORMITORY COST AT ETSU RESERVATION

Single occ.	$28.50 per night x _____	= $_____
Double occ.	$28.50 per night x _____	= $_____
Triple occ.	$42.25 per night x _____	= $_____

*Please indicate reservation in:

June	1	2	3	4	5	6
Single						
Double						
Triple						

Name of roommate(s) if known: _____

NON-AMA EVENTS
[X] Events entered

[ ] PRO 20 [ ] F1M(F1DB)
[ ] 35 CM [ ] INT. EZ-B
[ ] F.R.O.G.
[ ] NO CAL
[ ] GOLDEN AGE SCALE
[ ] HIGH WING MONO
[ ] UNLIM. RUBBER SPEED
[ ] COCONUT SCALE
[ ] WWI & WWII MASS LAUNCH
[ ] FAC SCALE
[ ] FAC PEANUT
[ ] PIONEER
[ ] MOD CIVIL PRODUCTION
[ ] PISTACHIO SCALE (MIAMI)
[ ] P-24 MASS LAUNCH
[ ] LEGAL EAGLE
[ ] DIME SCALE

BANQUET TO BE HELD FRIDAY, JUNE 4, 6:30 P.M. AT THE HOLIDAY INN. (Formerly the Sheraton Plaza.)

In case of emergency, please contact:
Name _____
Street _____
City _____ State ____
Phone: ( ) _____

No linens will be provided, so bring your own sheets, towels, etc. For double and triple occupancy rooms, you must recruit your own roommate(s). Some rooms are with baths and others have adjoining baths (shared). NOTE: A $25.00 fee will be charged for lost or unreturned keys. NO EXCEPTIONS. REBATES WILL BE MADE AS

14

USIC 1999 SCHEDULE

	7:00	9:00	11:00	1:00	2:30	4:30	10:00
WEDNESDAY JUNE 2 PRACTICE DAY	IHLG STD.CAT GLD UNL CAT GLD UNL RBR SPD	ALL SCALE EVENTS FAC & AMA PLUS NO CAL P-24 MASS LAUNCH AT	PENNY PLANE UNL. PENNY PL MANHATTAN AUTOGYRO 10:50	MINI-STICK ORNITHOPTER HELICOPTER	INT STICK ROG STICK EZ-B 35 CM	F-1D, HL STICK CABIN ROG PRO 20 *PRACTICE & START OF COMPETITION COMBINED*	

	7:30	11:30	2:00	2:45	5:00	10:00
THURSDAY JUNE 3	H.L. GLIDER STD. CAT GLIDER UNL CAT GLIDER UNL RUBBER SPEED*	INT. STICK. ORNITHOPTER STICK ROG	NO LAUNCH	INT STICK ORNITHOPTER STICK ROG	F1D, HL STICK CABIN ROG PRO 20*	

	7:30	11:30	2:00	2:45	5:15
FRIDAY JUNE 4	BOSTONIAN HELICOPTER FAC PEANUT* PISTACHIO* HIGH WING MONO* PIONEER* MODERN CIVIL PROD.* WWI MASS LAUNCH AT 10:30*	PENNY PLANE MANHATTAN AUTOGIRO BOSTONIAN MASS LAUNCH AT 11:20*	NO LAUNCH **	PENNY PLANE MANHATTAN AUTOGIRO	NO LAUNCH DOME CLOSED TO FLYING BANQUET AT 6:30

	7:30	11:30	2:00	2:45	6:00	10:00
SATURDAY JUNE 5	AMA PEANUT SCALE FAC SCALE * F.R.O.G* GOLDEN AGE* COCONUT SCALE* NO-CAL SCALE* DIME SCALE * LEGAL EAGLE* WWII MASS LAUNCH AT 10:30*	EZ-B COCONUT MASS LAUNCH AT 11:20*	NO LAUNCH **	EZ-B	INT. EZ-B* 35 CM*	

	7:00	10:30	1:30	2:15–4:00	4:00
SUNDAY JUNE 6	MINI STICK KIT PLAN AMA SCALE	LTD. PENNY PLANE F1M(FIDB)* MINI STICK MASS LAUNCH AT 10:45	NO LAUNCH	LTD. PENNY PLANE F1M(FIDB)*	*NON AMA EVENTS PREPARATION TO DEPART – BUILDING MUST BE CLEARED BY 6:00 P.M. **RETRIEVAL STARTS WITH LAST PLANE DOWN

1999 FF:

MARCH	21	RECORD TRIALS	RON SHARPTON
APRIL	17/18	APRIL FOOLS CONTEST (CALL HOT LINE)	JIM JUHL SR.
APRIL	24/25 (NOT CONFIRMED)	MIAMA MEET 6 USCG ST PETE	
MAY	1/2	SAM 46 – FAC #1	DON BRIMMER (MASS L. BIPLANES)
MAY	16	RECORD TRIALS	RON SHARPTON 904-767-6138
MAY	29/30	RIMERT REBEL RALLY FAC 2	BILL STALEY
JUNE	2-6	JOHNSON CITY INDOOR NATS	
JUNE	6	RECORD TRIALS	RON SHARPTON
JULY	3/4	FLORIDA STATE FAC 3	REX HINSON
JULY	18	RECORD TRIALS	RON SHARPTON
JULY 24			WELLS ROW
AUGUST	7/8	DIXIE NATS – FAC 4	MIKE JORDAN
AUGUST	22	RECORD TRIALS	RON SHARPTON
SEPTEMBER	4/5	DISTRICT CHAMPS FAC 5	JIM JUHL JR.
SEPTEMBER	19	RECORD TRIALS	RON SHARPTON
OCTOBER	3	RECORD TRIALS	RON SHARPTON
OCTOBER	23/24	JAMIESON MEMORIAL	DAVE PLATT
NOVEMBER	7	RECORD TRIALS	RON SHARPTON
NOVEMBER	13/14	SAM 46	DON BRIMMER
DECEMBER	4	RECORD TRIALS	

THE HANGAR PILOT

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MIAMI, FL
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9 APR
1999



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