TRENDY

THE HANGAR PILOT

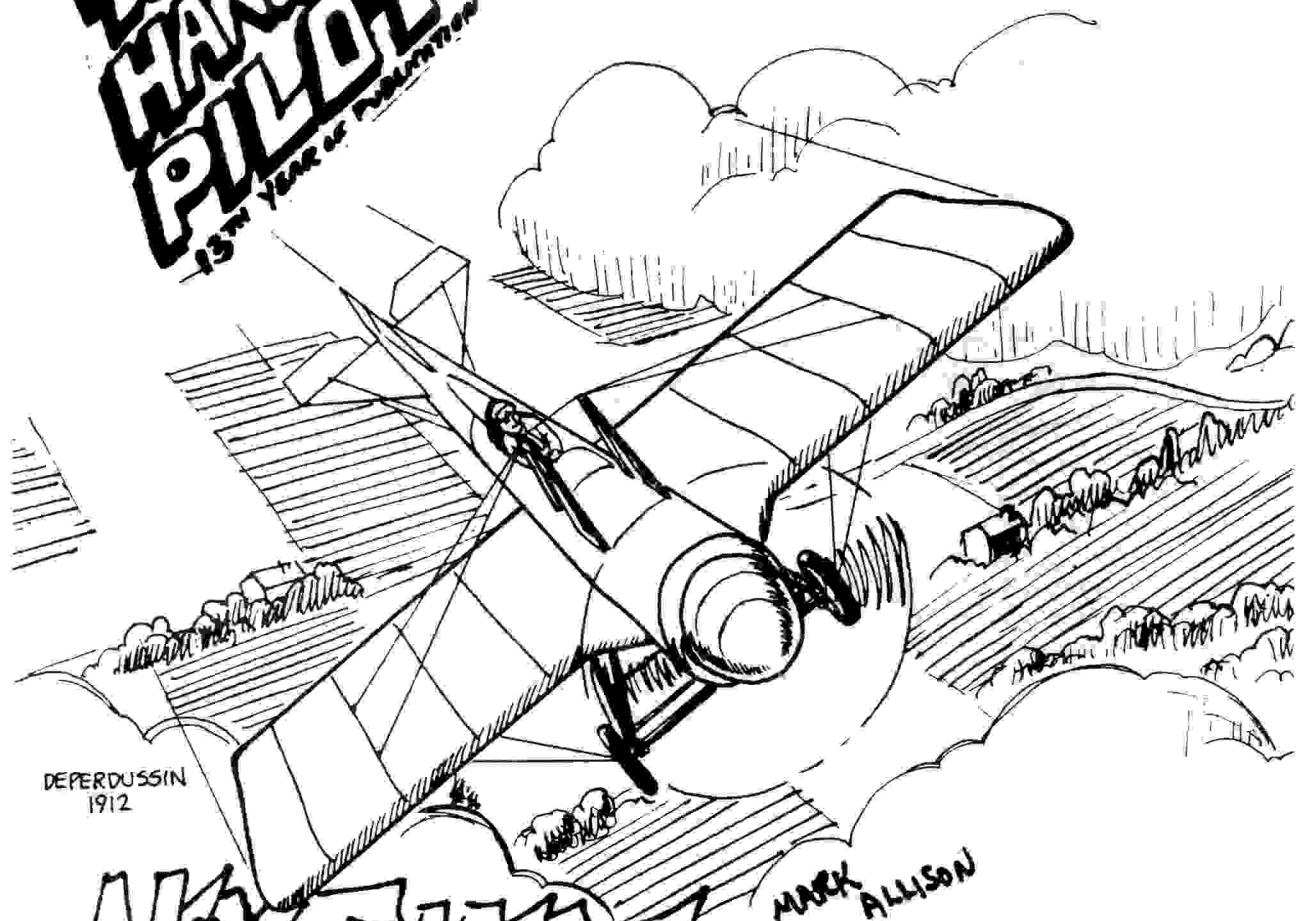
13TH YEAR OF PUBLICATION

MIAMI INDOOR AIRCRAFT SPORTS ASSN.

ISSUE 108

MARCH 1986

INDOOR ISN'T FOR EVERYONE



DEPERDUSSIN 1912

MARK ALLISON

NEXT MEET:

BACK TO HANGAR #5

CAT II MAC DILL AIR BASE, MARCH 22 & 23 - DETAILS ON PAGE 3

(1)

THE HANGAR PILOT

The Hangar Pilot is published 8 (or 9) times a season for a bunch of middle aged guys who refuse to grow up (Or give up).MIAMA(Miami Indoor Aircraft Model Assoc.)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 a paltry $10.00 a season you will receive all copies, and be a member of MIAMA.

We solicit your contributions since we are always running out of material. Send 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 !!!!!

COVER STORY: WE ADD MARK ALLISON'S NAME TO THE LIST OF THOSE WORTHYS WHO HAVE CONTRIBUTED TO COVER ART. A DRAMATIC VIEW OF THE EARLY FRENCH RECORD HOLDING RACER. MARK WILL CONTRIBUTE MORE SOON!

GREAT MEET AT COAST GUARD SITE

We in MIAMA are certainly fortunate. Tony Becker took the effort to explain our club's activities to Captain Fisher at the St. Petersberg-Clearwater Airport, and both Captain T.D. Fisher and Commander Tom Johnson approved the use of the utility hangar for our Feb. meet.

The flying area is 150 X 150 ft. by 44½ ft. high. This makes it a very good Cat. II site with posibilities for record flights. Bill Wilbur made and posted a series of directional signs for contestant parking and entrance which were far more impressive than any the AMA has made for national meets. Greg Forbes was there on Sunday, watching and retrieving models from the girders and the office roof. Many of the Coast Guard crew were there to spectate, and most had never seen indoor models fly before. We are gratified at the response one of great interest. THANKS, COAST GUARD !! We sure were pleased with your hospitality. We hope to return for another contest.

We had a great turn out for this contest (23 indoor flyers) and they came from all over Florida with several from out of state. Dispite the South hangar door being ajar there was very little drift. Stan Chilton, Dick Obarski, and Frank Keiser were all within hailing distance of National Cat II records for their craft. There was a big field in peanut including Jim Miller, author of current AMA rules, and winner of the event.. The top 6 models were only ten points apart. With a big field of 9 golden age airplanes the Flying Aces mass launch event was again the feature of the meet. As MacArthur used to say:"We will Return".

RESULTS: MIAMA INDOOR MEET #5 COAST GUARD HANGAR FEB. 22 & 23 1986 (2)

PEANUT EVENT:	Plane	Static	Flights		(2Best) Av. flight	Total Pts.
1.Jim Miller	Bleriot VII	85.2	86.0	84.3	84.7	169.9
2.John Martin	Ambrosini	85.6	70.6	77.4	74.0	159.6
3.Kevin Smith	Bleriot VII	85.8	70.8	74.0	72.4	158.2
4.Rick MacEntee	Alco	91.5	64.8	68.5	66.6	158.1
X. " " "	J-3 Cub	87.5	68.5	69.1	68.9	156.4
X.John Martin	Polish Canard	77.7	87.0	82.0	77.7 Max	155.4
5.Walt Everson	Found	74.0	62.0	74Max	67.1	141.1
6.Millard Wells	Huntington	68.5	73.0	79.0	68.5Max	137.0
X M. Wells	Wee Bee	70.0	69.0	62.0	65.5	135.5
X.John Martin	Voisin Canard	99.2	31.6	32.5	32.0	131.2
X.M. Wells	Beach Staggerwing	78.8	42.2	53.9	51.5	130.3
7.Dave Linstrum	Ambrosini	82.6	29.9	35.0	32.4	115.0
X M. Wells	Mustang	72.0	33.3	34.9	34.2	106.2
8.Charles Slater	Helicopter	91.0	14.8	-	7.4	98.4
X Dave Linstrum	Hosler Fury	60.8	11.0	10..0	10.5	71.3

DNF: Tim Bucher Huntington 58.0, K. Smith Hanroit 82.0, Charles Slater Avro Tripe 96.0, Linstrum Bellanca pistachio 52.0

KIT/PLAN EVENT:	Static:	2 best flights		Total:
1. John Martin Dreswiecki	83.0	1:14.2	1:11	228.2
2. John Tudor Curtiss Robin	88.5	1:03	1:14	225.5
3.Dave Linstrum voyager	82	50.8	50.0	182.8
4.Walt Everson Vagabond	90	53.1		143.1

Rick MacEntee Robin 89.6

Easy B: 1.Stan Chilton 12:43
2. Dick Obarski 12:14.5
3. Tony Becker 10:12
4.Charles Slater 8:25
5.Millard Wells 5:54
6.Ed Oliver 5:44
7.Walt Everson 2:25

MANHATTAN: 1.Millard Wells 5:03
Walt Everson 4:48

Glider: 1. Don Bal 41.5 39.5
2.Charles Slater 31.1 33.8
JUNIOR: 1.David Bal 28.0 19.2

PENNY PLANE: 1.Tony Becker 8:29

NOVICE " " 1.Tony Becker 8:15
2.Charles Slater 7:49
3.Dave Linstrum 7:03

"A" R.O.G. 1.W. Everson 6:46
2.John Martin 2:41
3. Blake Oliver 2:27

BOSTONIAN:			
(1.1)	1.R. MacEntee	Palm.Plane	225.1
(1.5)	2.J. Martin	Boston Bis	214.2
(1.4)	3.M. Wells	Vagabond	148.2
(1.1)	4.D.Linstrum	Observer	127.9
(1.2)	X " " "	Sorta Korda	126.1
(1.1)	5.Tim Bucher	Zephyr	118.7
(1.4)	X.M. Wells	Bost. Mulligan	118.0

FLYING ACES MASS LAUNCH:
1. John Tudor Curtiss Robin
2. Tim Bucher Waco E
3. John Martin Cessna AW in a field of nine

ORNITHOPTER - FRANK KEISER 5:18

(3) NEXT MEET: MACDILL AIR BASE

MIAMA INDOOR MEET #6 MAR. 22 & 23 9 TO 5

CALL (305) 858-6363 A FEW DAYS BEFORE MEET TO CONFIRM & LET US KNOW IF YOU'RE COMING

EVENTS: P-NUT & KIT/PLAN SCALE, EZB, MOUSE & PENNY PLANE, MANHATTAN & BOSTONIAN, A ROG, GLIDER, ALSO FLYING AGES MASS LAUNCH RACEPLANES SAT. 4:30 61 FT. CAT III - BUILD - FLY!!

A NEW FEATURE: GET SMART WHILE SOCIALIZING AT SAT. NITE DINNER - MIAMA WILL FEATURE A SYMPOSIUM ON PENNY PLANE CHAIRED by TONY BECKER - STATE OF THE ART TALKS BY OTHER PENNY PLANERS - CAN YOU HELP? LET US KNOW. DINNER AT 8:00 AT PEPES OR MAL DENTONS - TO BE ANNOUNCED AT MEET. 254-1661

OUT OF TOWN? STAY AT EXPRESSWAY INN MOTEL 813-837-1921 CORNER OF SANDY BLVD & DALE-MABRY $27.00 SINGLE $34.24 DOUBLE

AN ADDED FEATURE: AT NEARBY LAKELAND AIRPORT IS THE "SUN & FUN". FLY IN FOR HOMEBUILTS ULTRA LIGHTS, RESTORED & REPLICA AIRCRAFT. CONCLUDES SAT MAR. 22. COME ON MAR 21 & BRING CAMERA. GO UP US 27. SEE FRED McCALLUM THIS IS THE BIGGEST MEET THIS SIDE OF OSHKOSH.

COMET KIT BY ED ULVERT

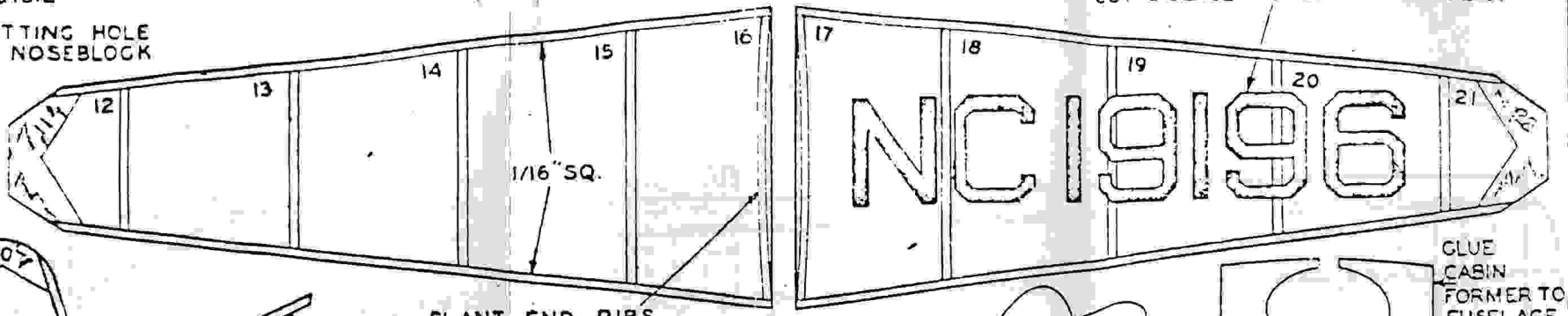
(4)

PENCIL

CUTTING HOLE IN NOSEBLOCK

CEMENT NOT INCLUDED IN KIT. OBTAIN IT FROM YOUR DEALER.

CUT LICENSE NUMBERS FROM PLAN

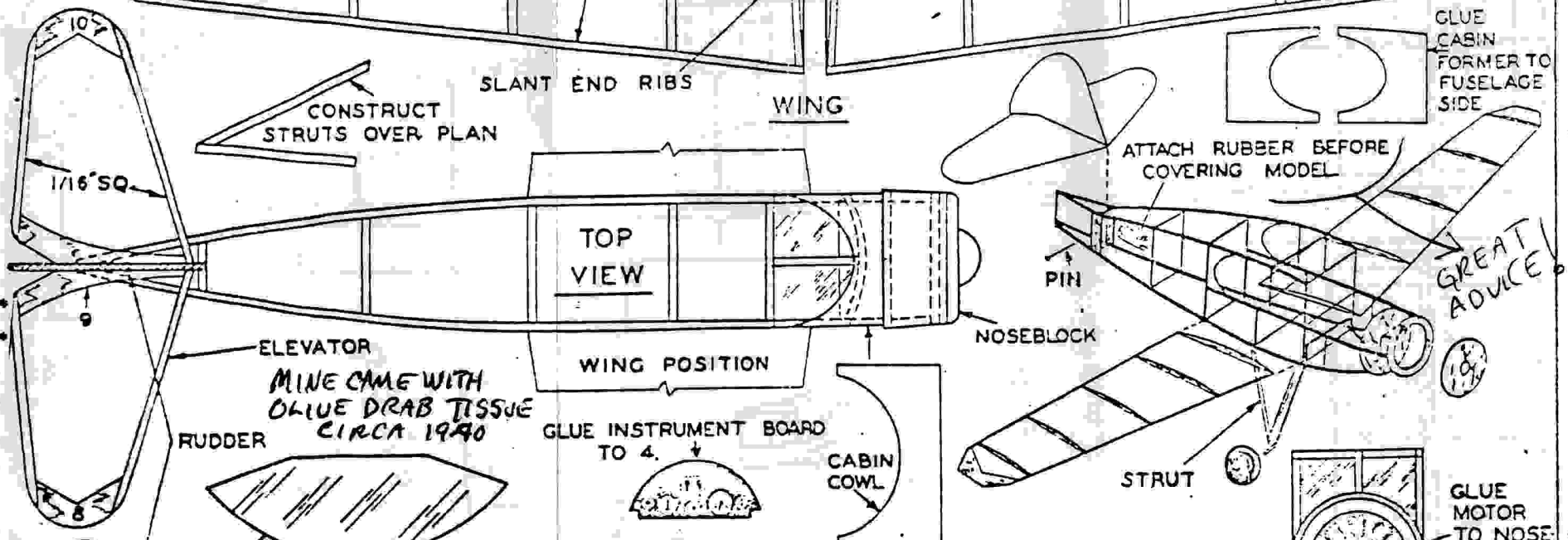


SLANT END RIBS

WING

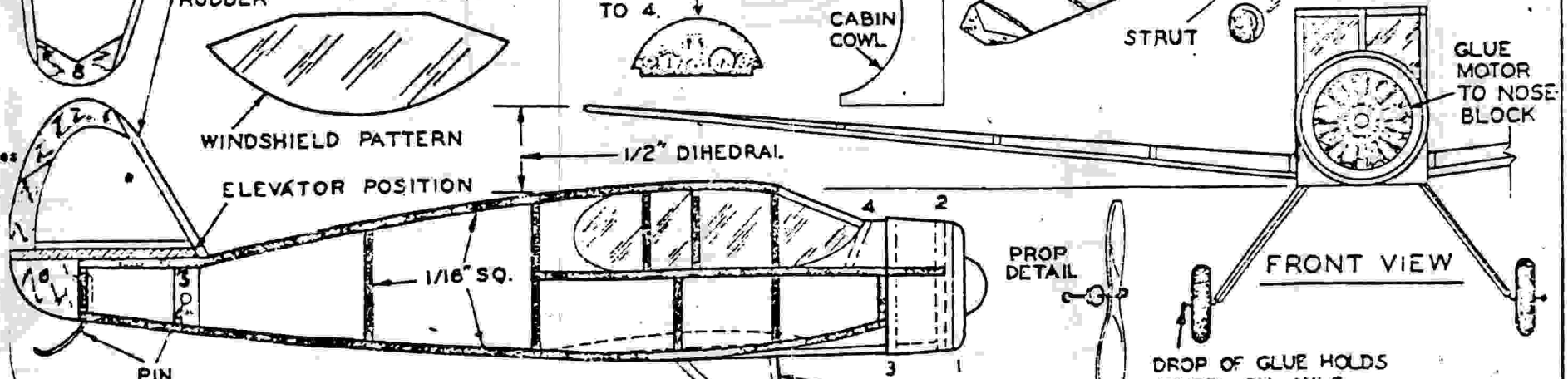
CONSTRUCT STRUTS OVER PLAN

GLUE CABIN FORMER TO FUSELAGE SIDE



MINE CAME WITH OLIVE DRAB TISSUE CIRCA 1940

GREAT ADVICE!

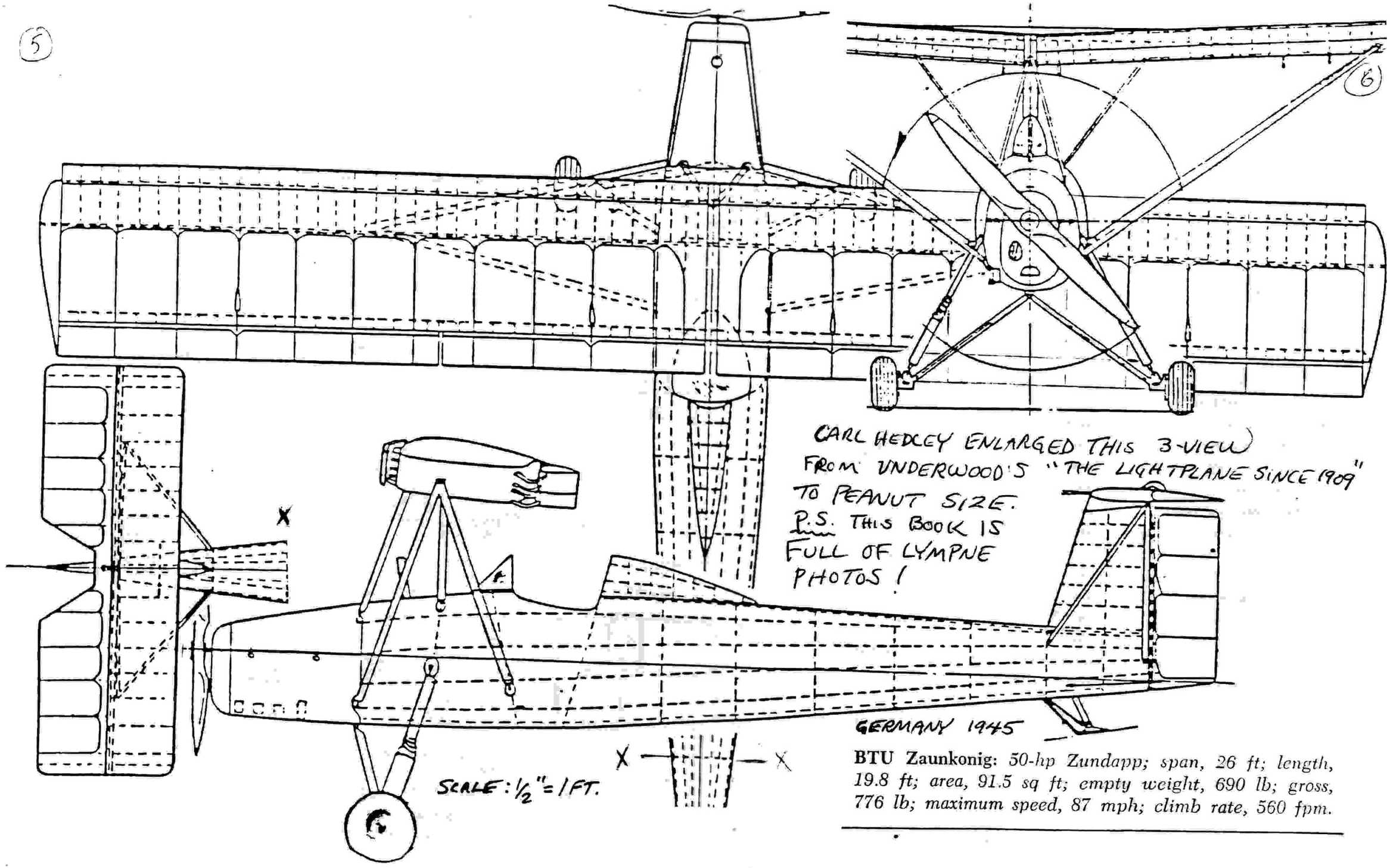


REDUCE OVERALL LENGTH TO 6" AND BUILD A PISTACHIO.

ANOTHER $5 SCALE KIT SUBMITTED BY LINSTRUM VIA HANNAN

BELLANCA

WING SPAN 10"	LENGTH 6-1/8"
DRAWN BY Edward Sakowski	KIT NO. W 9



BTU Zaunkonig: *50-hp Zundapp; span, 26 ft; length, 19.8 ft; area, 91.5 sq ft; empty weight, 690 lb; gross, 776 lb; maximum speed, 87 mph; climb rate, 560 fpm.*

YOUR AD SHOULD BE HERE!

SUPPORT MIAMA

CONT. FROM PAGE 10

LYMPNE 3-VIEWS

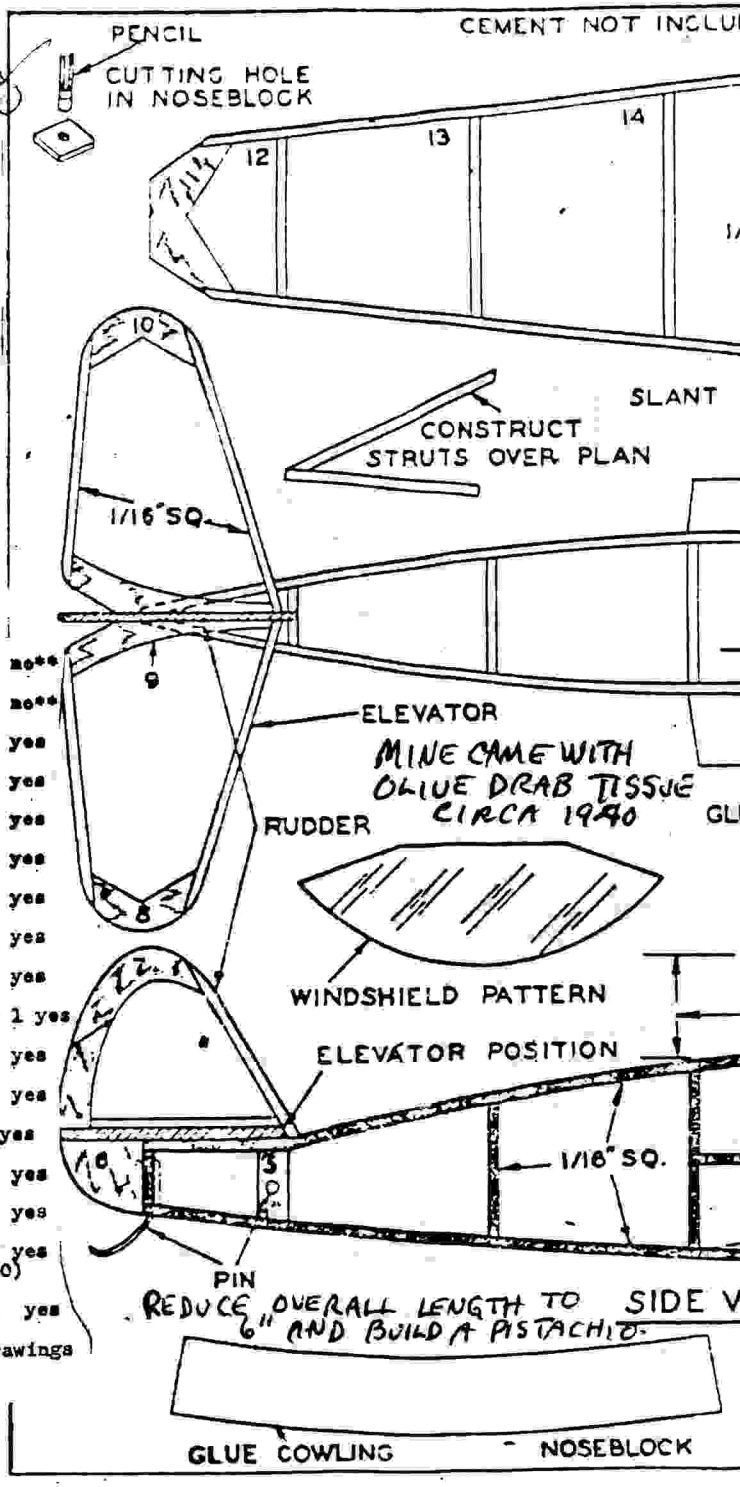
#38	Jan. 81	Parnall Elf	no**
#39	Nov 81	Parnall Imp	no**
#40	July 84	Aero 552	yes
#41	Apr. 84	Aero 560	yes
#42	Sept. 84	Anec 1	yes
#45	Dec. 84	RAE Hurricane	yes
#46	Jan. 85	Handasyde Monoplane	yes
#48	Mar. 85	HP Sayers Monoplane	yes
#49	De Havilland DH 53 Apr 85		yes
$50	May 85	Beardmore WBXXIV Wee Bee 1	yes
#51	June 85	Anec 11	yes
#52	July 85	Bristol Brownie	yes
#54	Sept. 85	Supermarine Sparrow	yes
#53	Aug. 85	Avro 562	yes
#55	Oct. 85	Hawker Cygnet	yes
#56	Nov. 85	Short Stellete	yes

(extra 3 views from Air Progess Spring 60)

#57	Dec. 85	Vickers Vagabond Type 98	yes

** Will keep looking for these three view drawings

PRICE is $1.50 for each plane post paid.



CONFLAGRATION AT PEANUT FACTORY

Two-alarm blaze destroys interior of model-airplane shop in El Cajon

Feb 76

El Cajon fire investigators today were attempting to determine what caused a fire last night that gutted the interior of a model-airplane kit manufacturing shop at 421 Vernon Way.

A spokesman said the first alarm was called at 7:50 p.m. and a second was called minutes later as those responding to the scene feared the blaze would expand to nearby businesses.

Three businesses are in one building in the 400 block of Vernon Way. The shop was on one corner of the block.

The spokesman said firefighters from San Diego, La Mesa, Mount Helix and Santee brought the fire at Peck-Polymers under control in 35 minutes.

Acting Battalion Chief John Landers said none of the 40 firefighters was injured.

He said the single-story building in an industrial park in north El Cajon was unoccupied at the time the fire [illegible] shop.

Investigators were trying to determine the origin of the blaze that caused minor damage to two adjacent machinery shops.

Sandra Peck, owner of the model-airplane shop, said the 3,200-square-foot business contained hundreds of model planes made of plastic, wood and paper but little paint. She said her shop did not contain ceiling fire-extinguishing sprinklers. Peck has operated the shop for nine years and employs two people.

GOOD BYE PECK-POLYMERS !

Faces of deepest red

Standards are slipping everywhere. In Peking the other day, more than 200 miners marched angrily out of a hall in which a visiting variety troupe was performing. According to the Workers Daily, they were shocked by dancing which used unhealthy movements to stimulate the audience."

This kind of thing, which we understand goes on in Toronto (much to the distress of the mining community), was made worse in the Peking episode because "our well-loved and serious song, 'If there was no Communist Party, there would be no new China,' was distorted by being sung in a flippant tone and style."

The only remedy we can offer is a sign over the door: Unsuitable for Miners.



If you'd like to join the Flying Aces Club, three of the greatest newsletters going are available from three sources. The GHQ Squadron and *Flying Aces Club News* is operated by **Lin Reichel, 3301** Cindy Lane, Erie, PA 16506; membership is $9 per year. For $8 you can join the great DC Maxecuters and receive *Max-Fax* via Allan Schanzle, 20008 Spur Hill Dr., Gaithersburg, MD 20879. For $10 (at last check) *Crosswinds* and a membership in the Cleveland Free Flight Society can be had; the man to write is Michael C. Zand, 7055 Seven Hills Blvd., Seven Hills, OH 44131. These are just a few of the FAC affiliates which can make your modeling life more enjoyable.

Is there a real natural aphrodisiac?

(8)

Possibly. The source is a tree called *Corynanthe johimbe*, found in the west African jungles of Cameroon. A drug produced from the tree—yohimbine hydrochloride—recently has been found to double the mounting behavior of male rats, even after the rodents' genitals have been anesthetized. Of course the effect on humans may be different, but according to Dr. Julian M. Davidson, a professor of physiology at Stanford University's medical school, "the data suggest that yohimbine may be a true aphrodisiac." Stanford scientists are trying to make sure; and there has been no shortage of human guinea pigs. In fact, Dr. Davidson says with considerable emphasis, "we don't need any more volunteers."

Incidentally, there may also be a natural antiaphrodisiac. Researcher Penelope Kukuk of Cornell University's Department of Entomology has found that male sweat bees are attracted to bee models scented with the odor of virgin female bees. But the males show less interest in females that are not virgins. Kukuk hypothesizes that as the male bee mates, he deposits a substance on females that acts on other males. It repels them from the earlier-chosen females.

LOST DOCUMENTS : DOC MARTIN HAS LOST THE FOLLOWING ITEMS THE PAST YEAR:
1. HARD COVER BOOK - "ROMANIAN AIRCRAFT."
2 FILE FOLDER - 14 BIS 3. FILE FOLDER - DREWSWEICK CANARD.
ANYONE KNOW THEIR WHEREABOUTS? CONTACT DOC

(9)

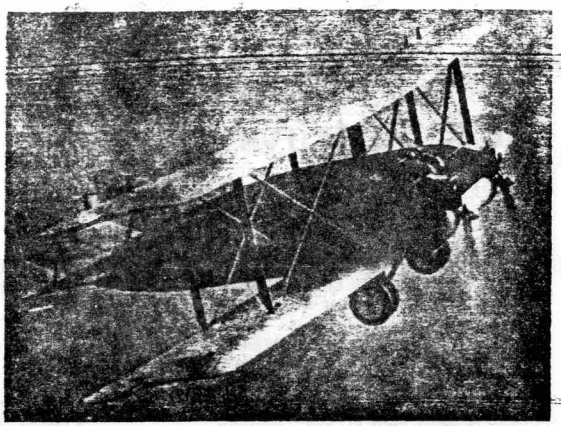
MORE BURNELLI GEN - TRY A RB-1 THIS IS THE SORT OF ARTICLE YOU GET IN Aeroplane Monthly A PRIMO SCALE MAG. Subscribe!

MEET #6

MAC DILL AIR BASE

MARCH 22&23

CALL 305-858-6363 TO GET YOUR NAME ON ENTRY LIST IF YOU'RE COMING!



Via Howard Levy

Above, RB-1 No 2 in flight, showing 420 h.p. Liberty engines, twin-wheel main units and balanced ailerons.

The basic theme behind Burnelli's lifting fuselage theory was that the fuselage, by way of its large surface area and aerofoil shape, could contribute as much as 50 per cent of the aeroplane's lift, thus giving all kinds of advantages over conventional aeroplanes, particularly with regard to safety and performance.

In 1920 Burnelli teamed up with T. T. Remington, and the Airliner Engineering Corporation of Amityville was formed at Long Island, New York, to build the first Burnelli aeroplane to incorporate his lifting fuselage. Designated RB-1, this 74ft-span biplane transport looked like nothing else that had been built up to that time. The main feature was its enormous slab fuselage, shaped like an aerofoil in section and sufficiently wide at the nose to house two 55 h.p. Scottish-built Galloway Atlantic engines side by side without the propeller arcs overlapping.

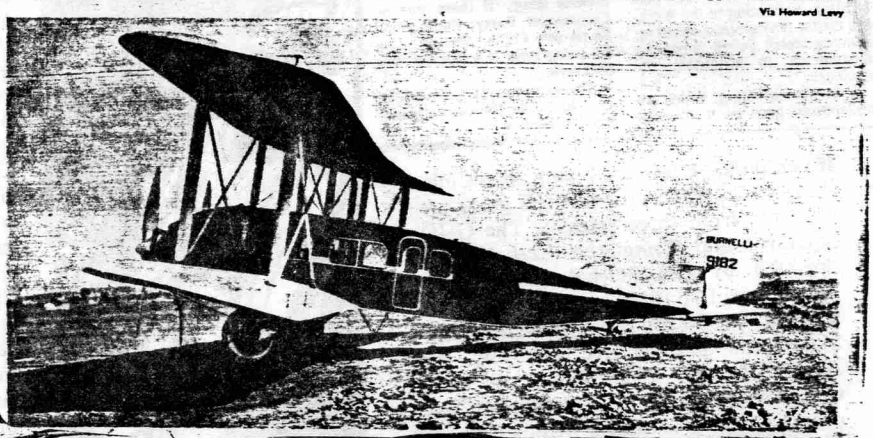
The fuselage retained the same width from front to rear, tapering in section to a knife-edge at the tail and providing a useful lifting area of 504 sq ft. Although the parasite drag of two individual engine nacelles was eliminated, it was considered by some that the disadvantages of having two propellers situated so close to one another, their consequent blanketing effect, and the effect of the thick aerofoil section's airflow around the tail rather outweighed any advantage gained by such an arrangement.

The fuselage was built up on three transverse plywood partitions and covered with corrugated duralumin. The forward section housed the two pilots, in open cockpits, while the middle section contained the roomy passenger cabin with cushioned seats for 32 passengers and the tapering tail section supported the tail unit. The wings of the RB-1 were built on an orthodox wooden framework and were fabric covered.

It appears that the RB-1, bearing the serial number 9182, did all that its designer claimed, except that it lacked good directional control. It was very sluggish in turns, which had to be made with as little bank as possible. The first RB-1 was lost at Staten Island, New York, in 1923, when a violent storm immersed it in salt water and rendered it irreparable.

Evidence suggests that a second RB-1 was built within a year of the first machine's appearance. Similar

Via Howard Levy



GOOD STUFF!

INDOOR RUBBER FROM

C. N. Purdy
664 Tom Read Drive
Marietta, Georgia
30062-3357

DOC TRIED SOME SAMPLES + FOUND IT VERY LIKE FAI

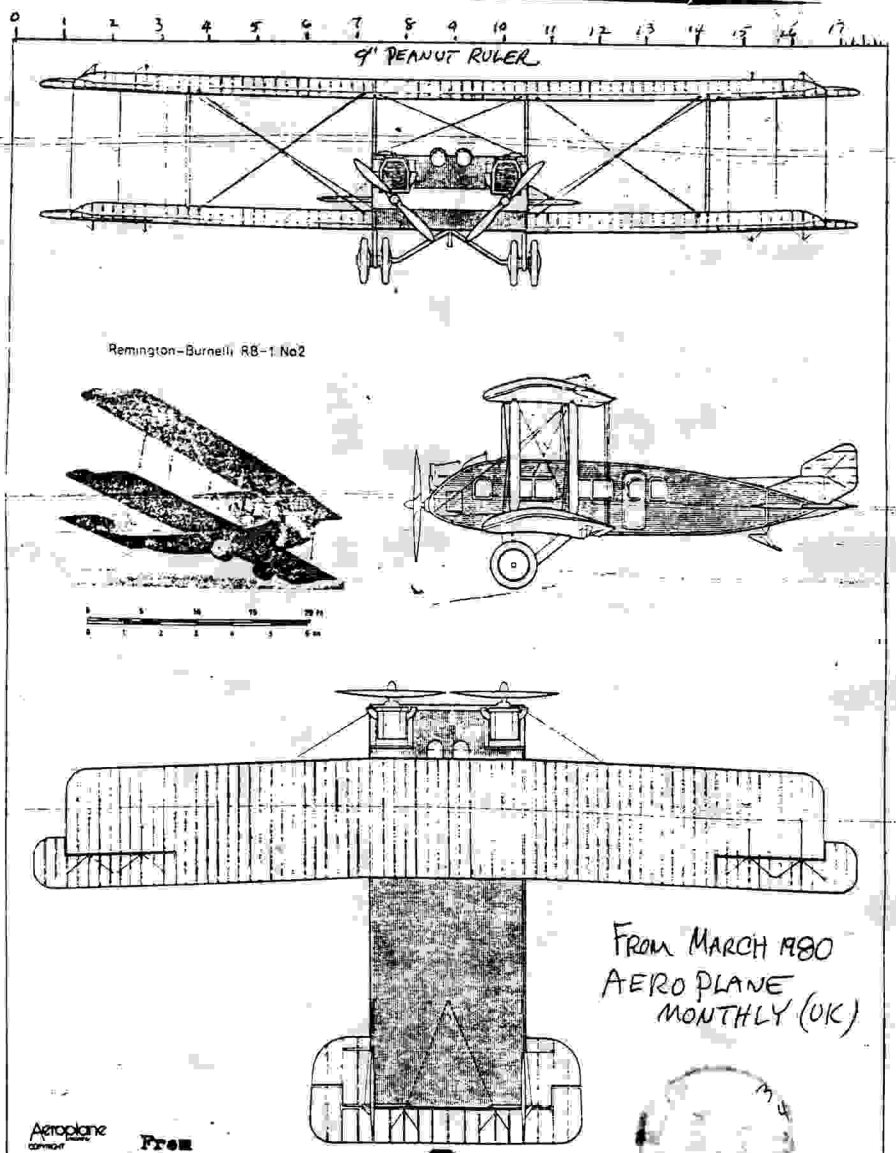
Inclosed you will find some of my latest rubber cuttings. Test it please, measure it, I am sure it will meet your expectations.

I'll furnish Champion 4/84 rubber cut to your (or any one else) widths + or- .002 (I'll try for .001) in widths .017 to .030 in 20" lengths for $3.00 OR I'll cut your rubber for $2.50 for 20 ft lengths, I must ask that you furnish 2 ft sample, it will be returned as cut for set up purposes.

FLYING ACES RACE PLANES MASS LAUNCH EVENT - MAC DILL MAR. 22 4:30 ANY SIZE PLANE

MARCH 22-23 MAC DILL W DOOR MEET # 6

See Page 3



FROM MARCH 1980 AERO PLANE MONTHLY (UK)

From
Ed Seay Sr.
Model Aircraft Labs.
108 So. Lee St.,
Irving, Texas 75060

DOCUMENTATION FOR PROXY PLANES

Zerox copies of Lympne Trials light plane articles from AEROPLANE MONTHLY

Article No.	Date	Name of Plane	3 view Drawings
#36	Aug. 80	Cranwell CLA-3	yes on 11 &111
#37	Oct. 80	Parnall Pixie	none

THIS AD CONTINUED ON PAGE 7

WHAT'S ON: MARCH 9 PEACH STATE INDOOR CHAMPS
CD NORM PURDY 404-428-1390 CAT II CUMMING, GA.
MARCH 22 & 23 - MIAMA INDOOR MEET 6 MAC DILL See P. 3
APRIL 13 WORLD PISTACHIO INTERGNATS MIAMI DADE S. COLLEGE 9-5
MAY 11 CAN-AM INDOOR CHAMPS NIAGARA FALLS CD JACK BROWN 716-773-5674
MAY 18TH LAST MIAMA INDOOR MEET (TENTATIVE) COAST GUARD HANGAR ST. PETE
JUNE 17, 18, 19 - NIAGARA FALLS - NFFS U.S. INDOOR CHAMPS ..+ MIAMA P-NUT
GRAN PRIX (19TH 2-P) TONY ITALIANO 414-782-6256
JULY 18, 19, 20 GENESEO N.Y. 5TH FLYING ACES NATS, CD BOB CLEMENS
716-392-3346 - JULY 18 IS INDOOR FA EVENT
JULY 27, 28, 29 - INDOOR AT AMA NATS AT LAKE CHARLES
AUG 22-26 - ENGLAND - WORLD F1-D CHAMPS - CARDINGTON

THE HANGAR PILOT

EDITOR: DR JOHN MARTIN, JR
2180 TIGERTAIL AVE MIAMI FLA. 33133

MIAMI, FL
MAR 15
1986
3:30

USA 22

WALT ERBACH
2979 DUDLEY ST.
LINCOLN, NB 68503