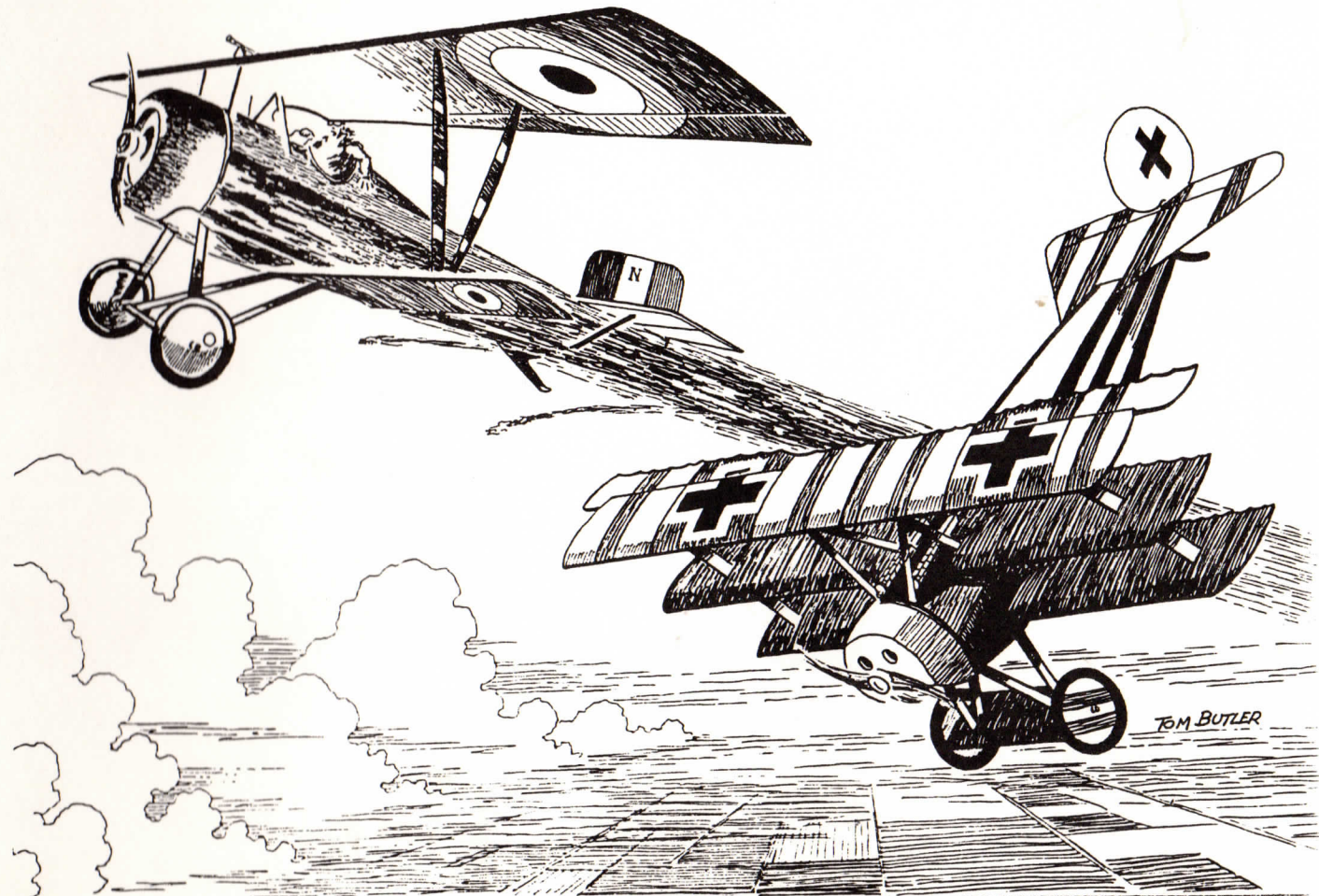


# FLYING ACES

## PLAN PACKET NO. 4



# FLYING ACES

3301 Cindy Lane  
Erie, PA 16506

Dear Fellow FACers,

Here is your FAC Plan Packet #4. We hope that you like it as well as you did the previous three packets. Remember, some of these plans were drawn several years ago and modeling has changed rather drastically since then.

Thrust adjustments, rear peg locations, etc., are now left up to the modeler himself, who has his own system for these things. Set them up in the way that works best for you.

There are twelve plans in this packet, sixteen sheets (11 X 17) with nothing printed on the back so that you can build from them right out of the packet.

We sure would like to see some of these models in the air in 1996. If you build some of these models send us a photo or two and we will print them in the newsletter.

Now, on to the workshop and.....

BUILD--FLY--WIN.....EFF--AAA--CEEE!!!

### Contents;

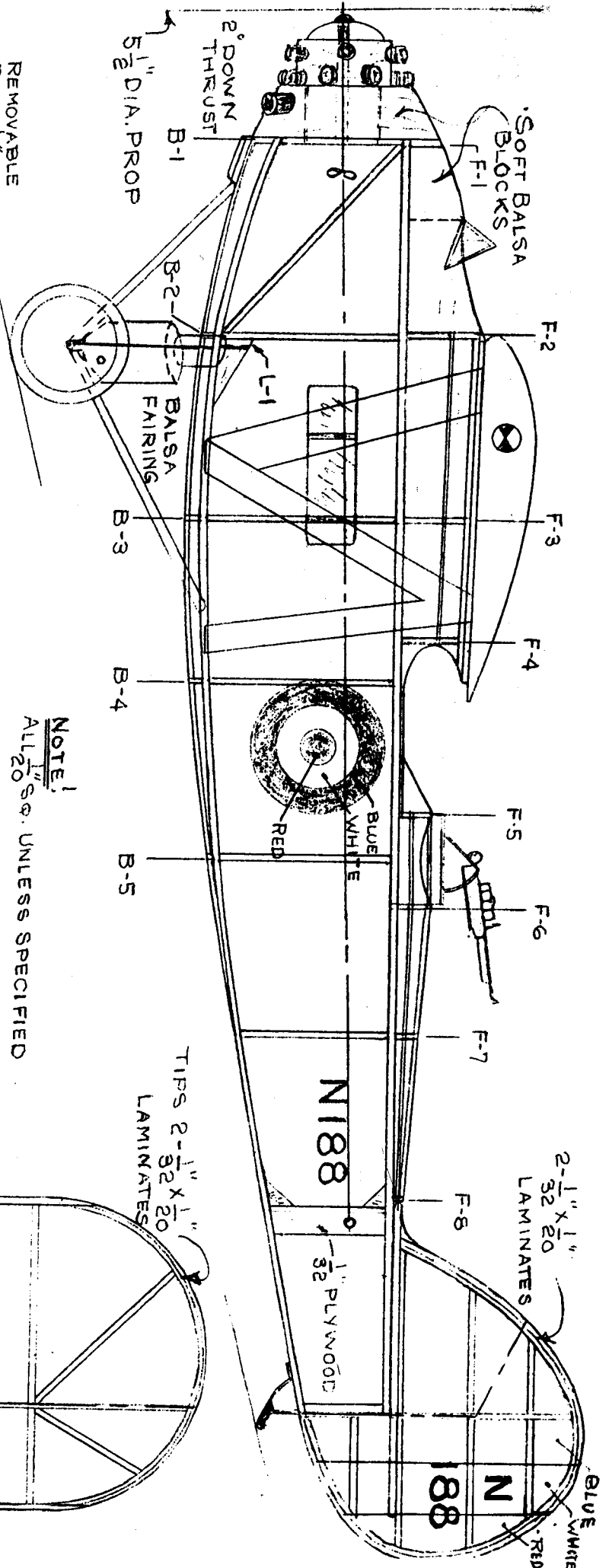
1. FAC Tractable Trainer, Embryo by Dave Stott.
2. Howard "Pete", No-Cal by Chet Bukowski.
3. Gere Sport, by Jeff Chrisey, 19" span.
4. Handley-Page W8-F, by Dave Stott, 29" span.

### Peanut Plans;

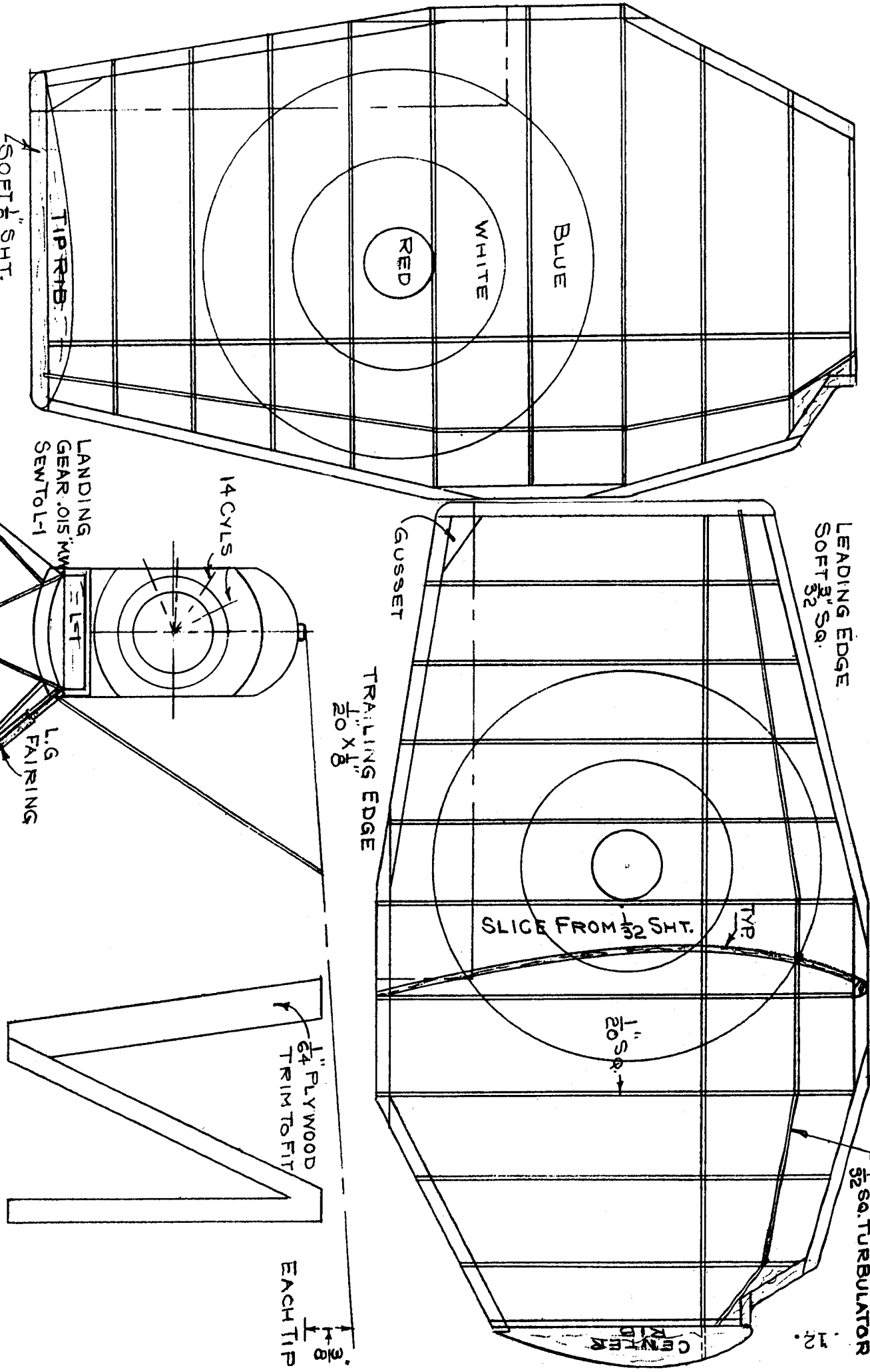
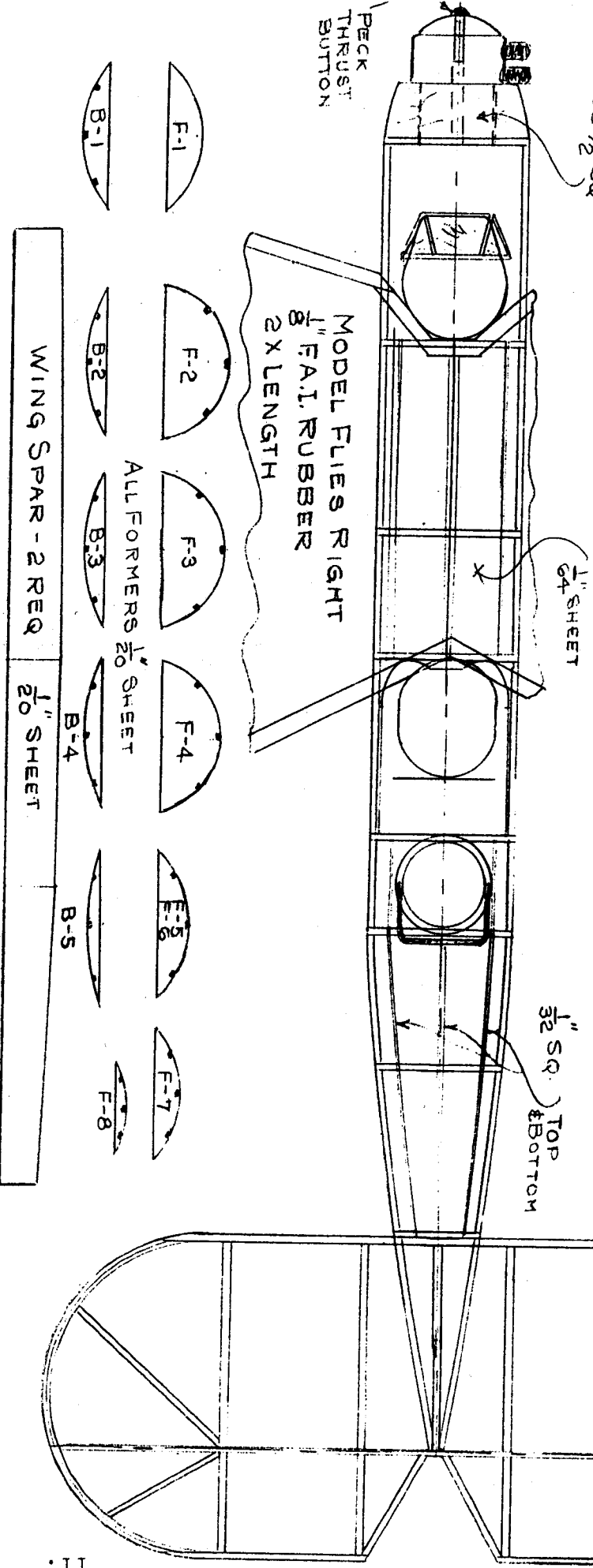
5. Curtiss-Page Racer by Dave Smith.
6. Dewoitine D-27-C1. by Dave Smith.
7. Spad 13, by Bill Miller (Megow).
8. Blackburn Airdale R-2, by Vic Larsen.
9. Pemberton-Billing PB-9, by Ed Heyn.
10. Curtiss OC-2, by Pres Bruning.
11. Fiat CR-32, by Pres Bruning.
12. Yugoslav IK-2, by Pres Bruning.

AGAIN.....BUILD--FLY--WIN.....EFF--AAA--CEEE!!!!!!

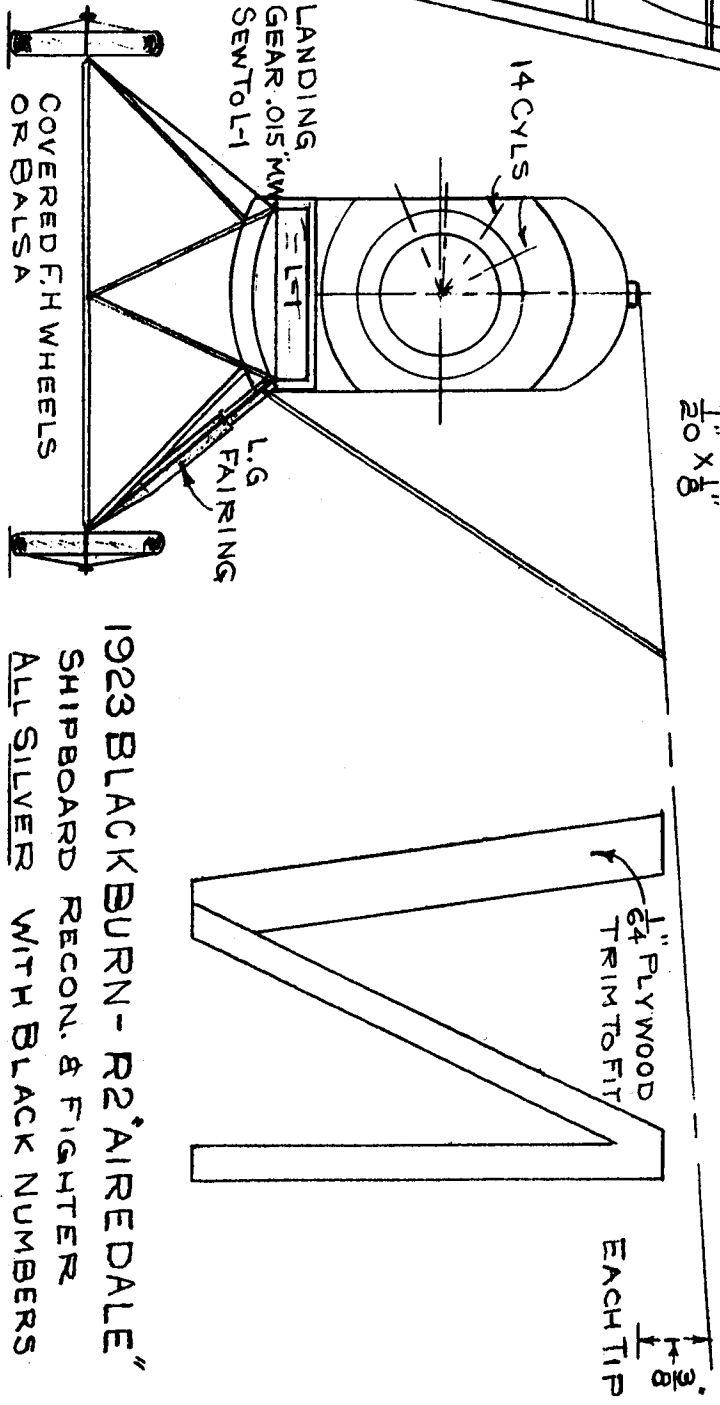




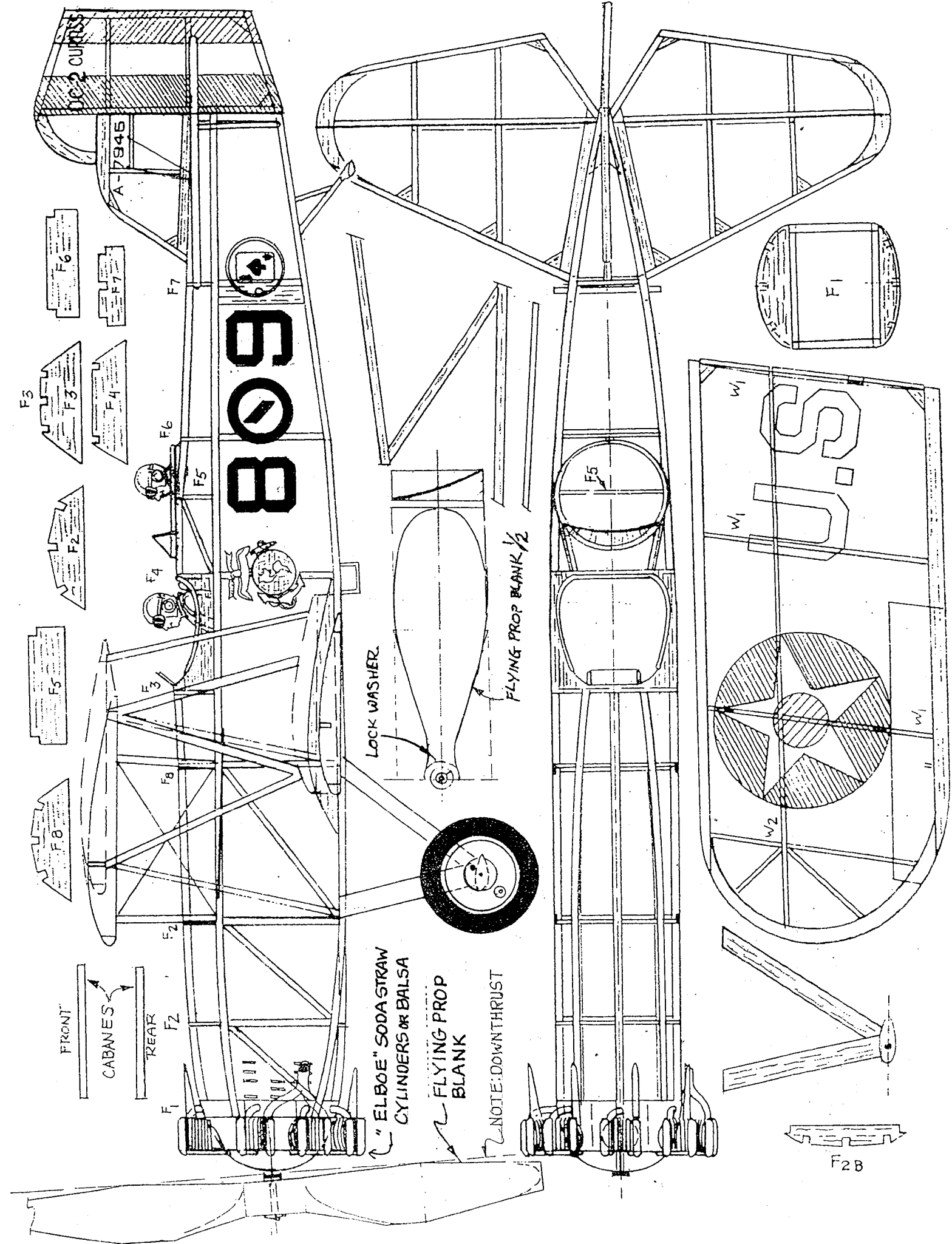
NOTE!  
ALL  $\frac{1}{20}$ " SQ. UNLESS SPECIFIED



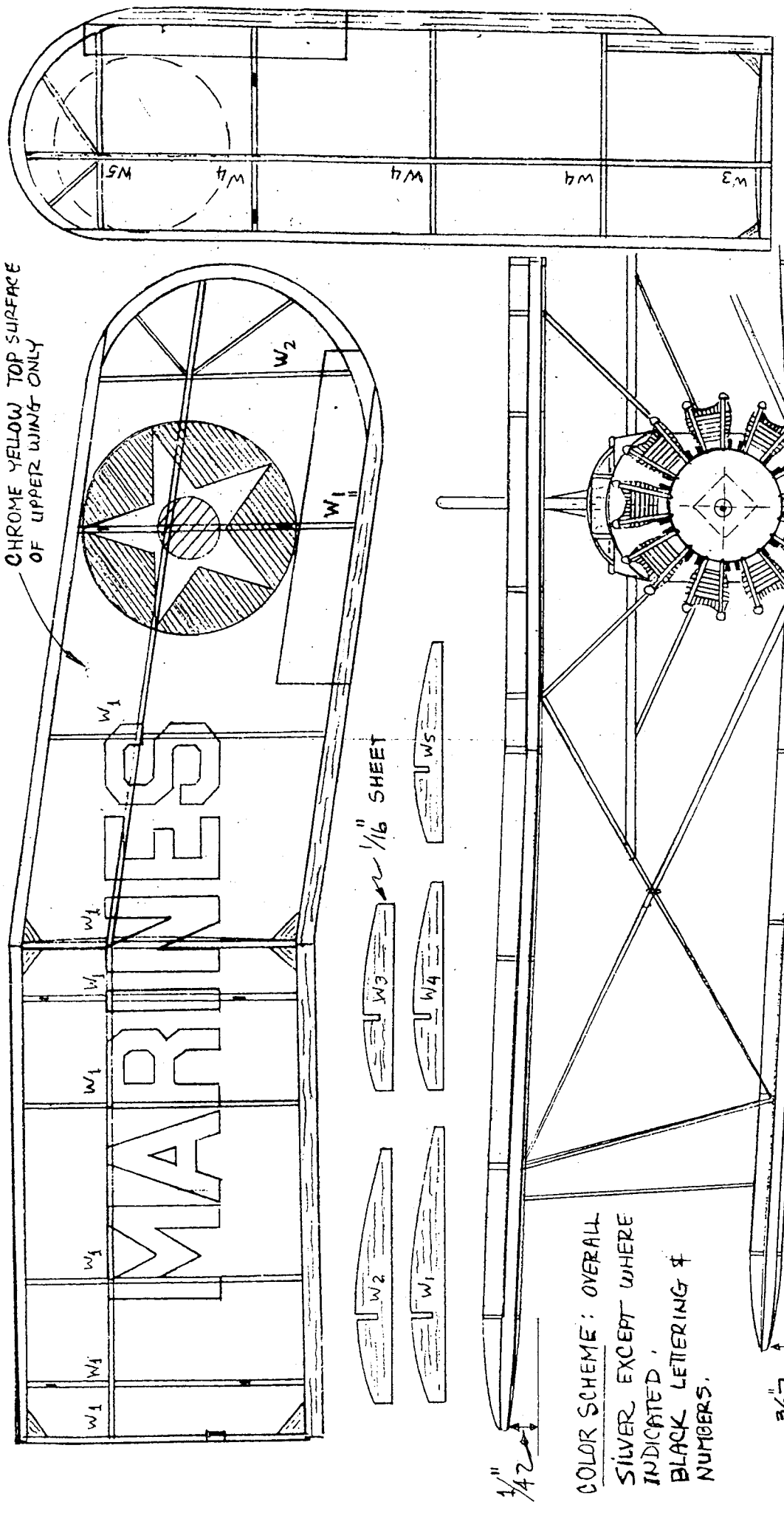
SCALE DATA:  
BLACKBURN AIRCRAFT  
SINCE 1909  
A.J. JACKSON  
PUTNAM PUBLISHERS



1923 BLACKBURN - R2 'AIREDALE'  
SHIPBOARD RECON. & FIGHTER  
ALL SILVER WITH BLACK NUMBERS  
VIC LARSEN ~ 1980  
REDRAWN: JOE BARNA ~ 1981



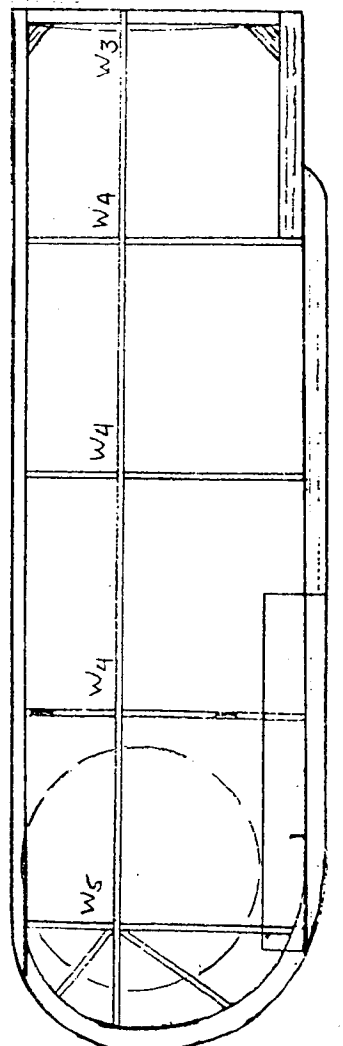
CHROME YELLOW TOP SURFACE OF UPPER WING ONLY

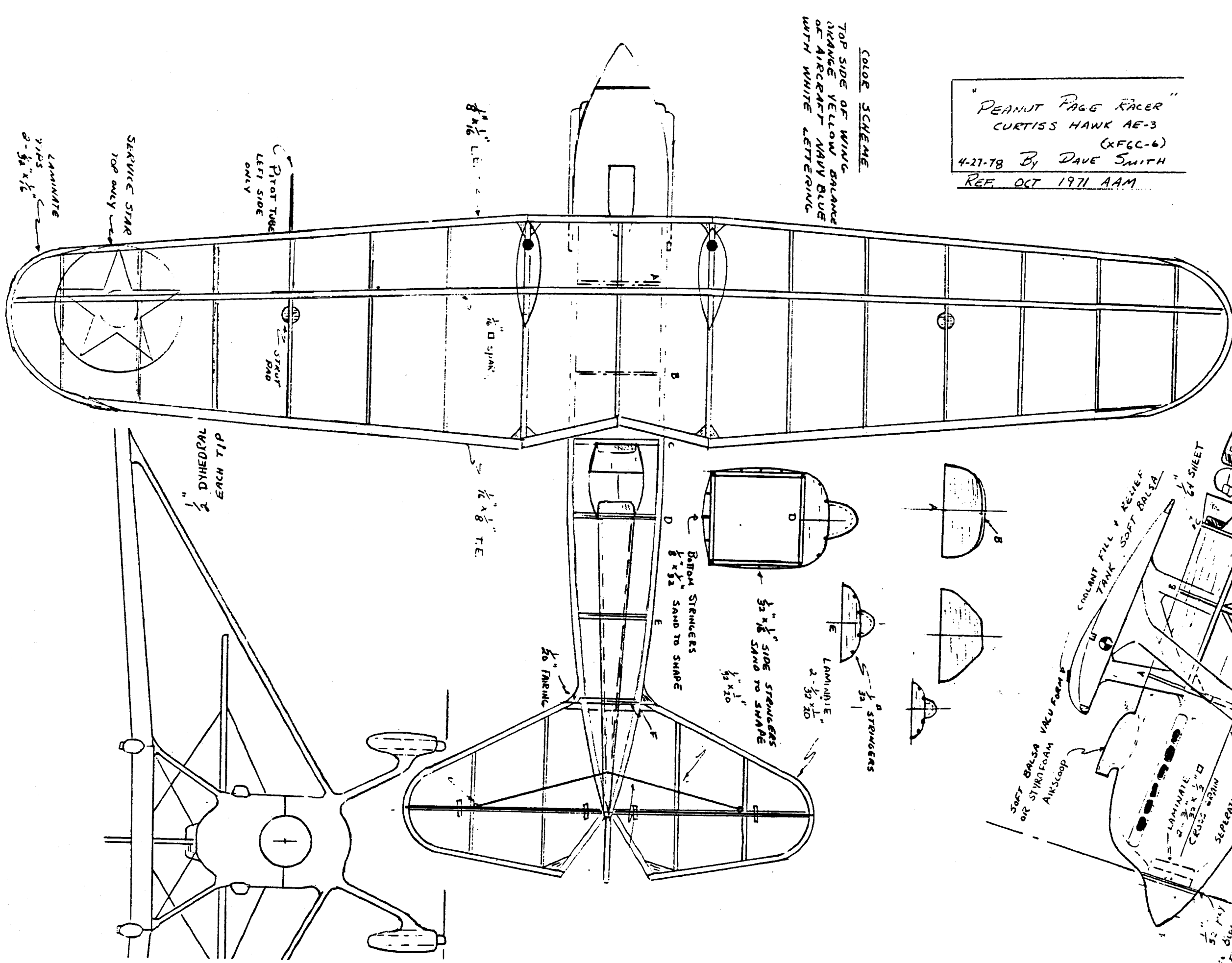


COLOR SCHEME: OVERALL SILVER EXCEPT WHERE INDICATED. BLACK LETTERING & NUMBERS.

REFERENCE: UNITED STATES NAVY AIRCRAFT SINCE 1911 - by SWANBOROUGH & BOWERS PP131-2

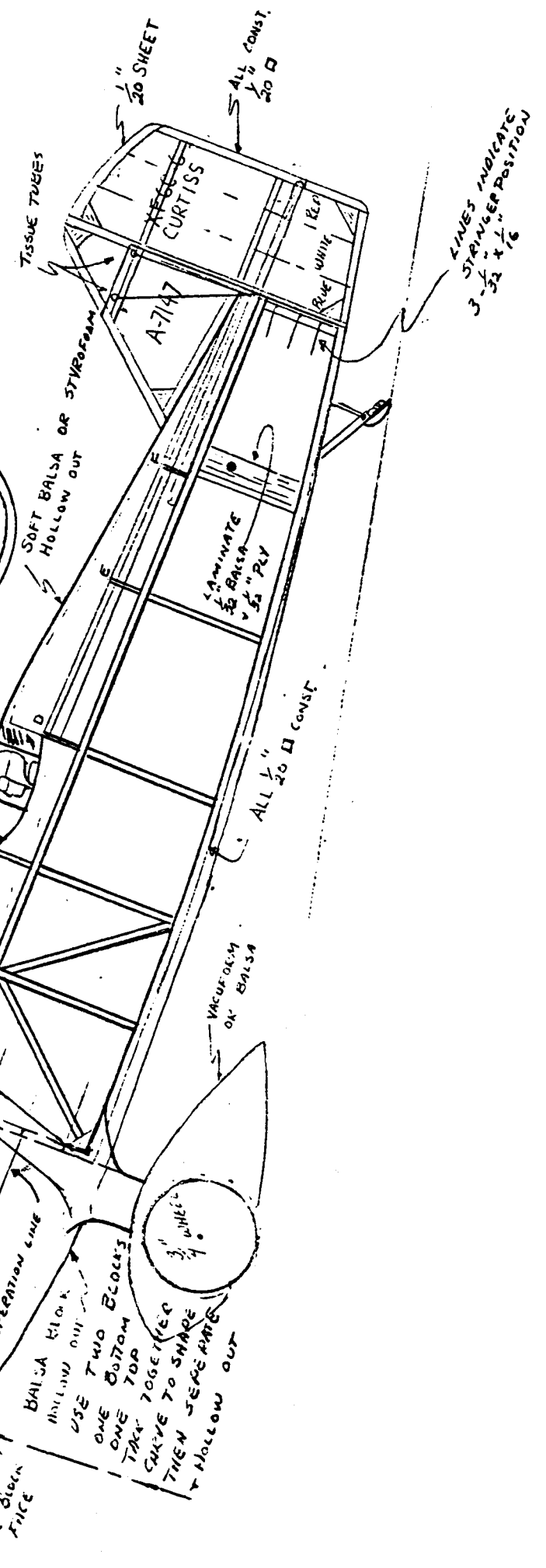
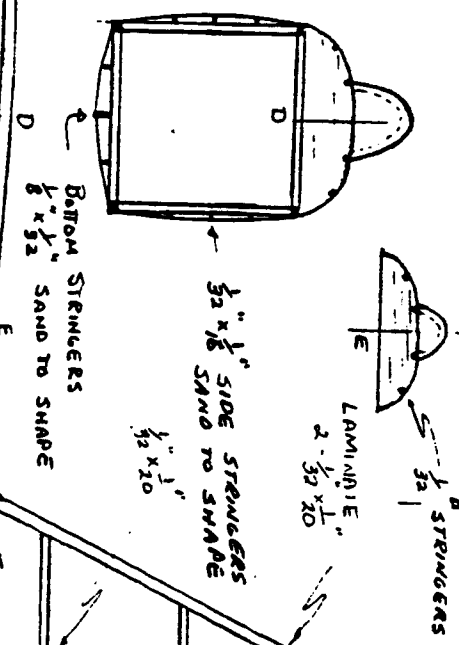
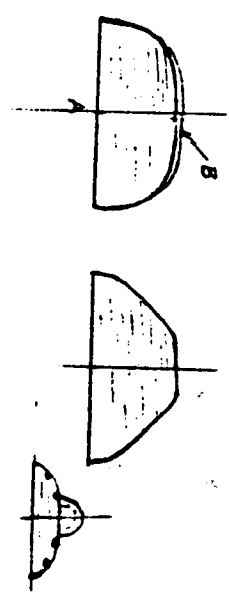
CURTISS OC-2 PEANUT SCALE. BY PRES BRUNING 1 APRIL 1981





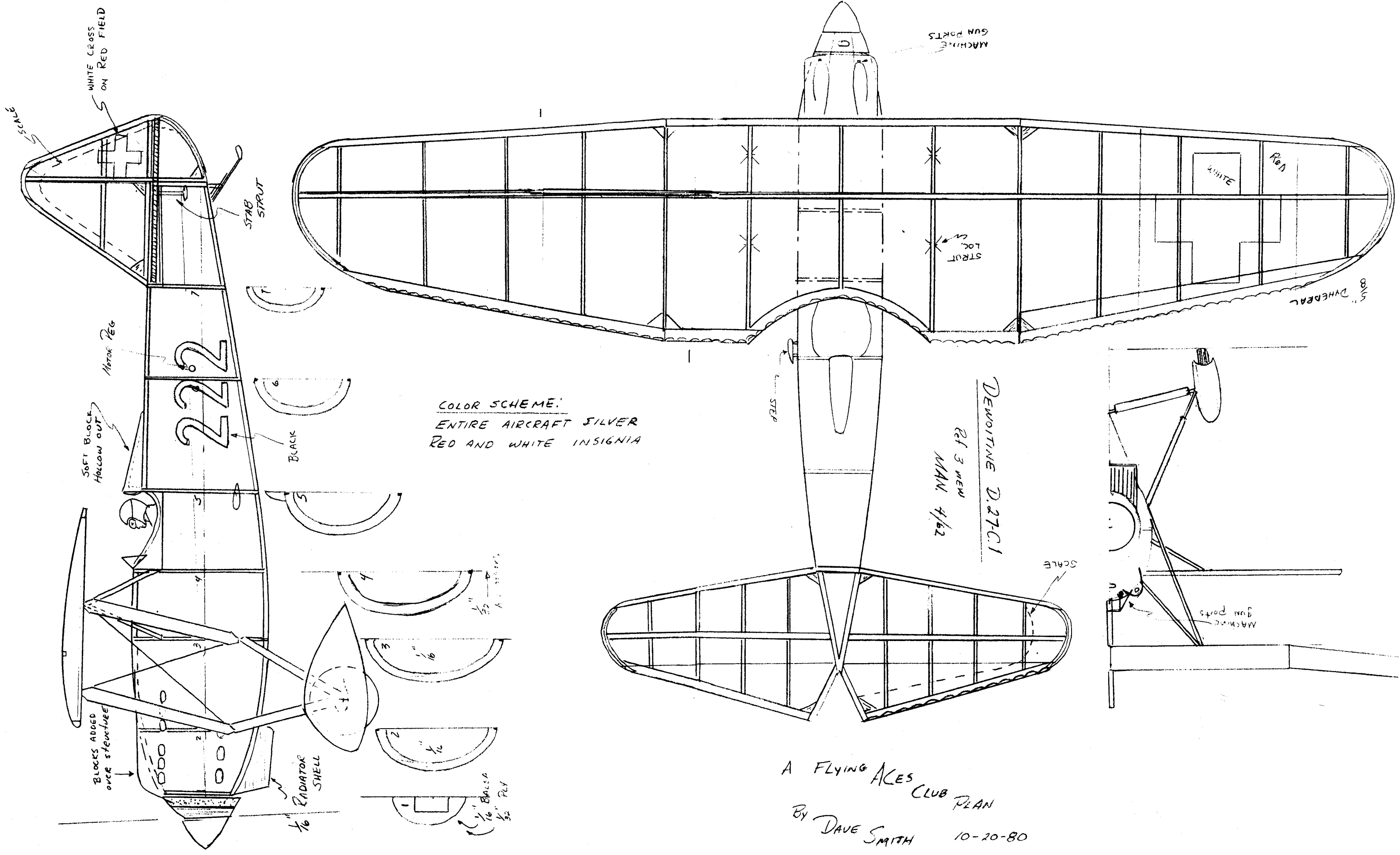
COLOR SCHEME  
 TOP SIDE OF WING  
 ORANGE YELLOW BALANCE  
 OF AIRCRAFT NAVY BLUE  
 WITH WHITE LETTERING

"PEANUT FAGE RACER"  
 CURTISS HAWK AE-3  
 (XF6C-6)  
 4-27-78 By DAVE SMITH  
 REF. OCT 1971 AAM



SOFT Balsa VACU FORM OR STYROFOAM AIRSCOOP  
 COOLANT FILL & RELIEF TANK SOFT Balsa  
 64 SHEET  
 LAMINATE 2 - 1/2 x 1/2 1/2 CROSS GRAIN  
 SEPARATION LINE  
 Balsa block hollow out  
 USE TWO BLOCKS ONE BOTTOM TOP TAKE TOGETHER THEN SEPARATE & HOLLOW OUT  
 1/2 1/2 PLY  
 1/2 Balsa FINE  
 VACUFORM OR Balsa  
 ALL 1/2\"/>

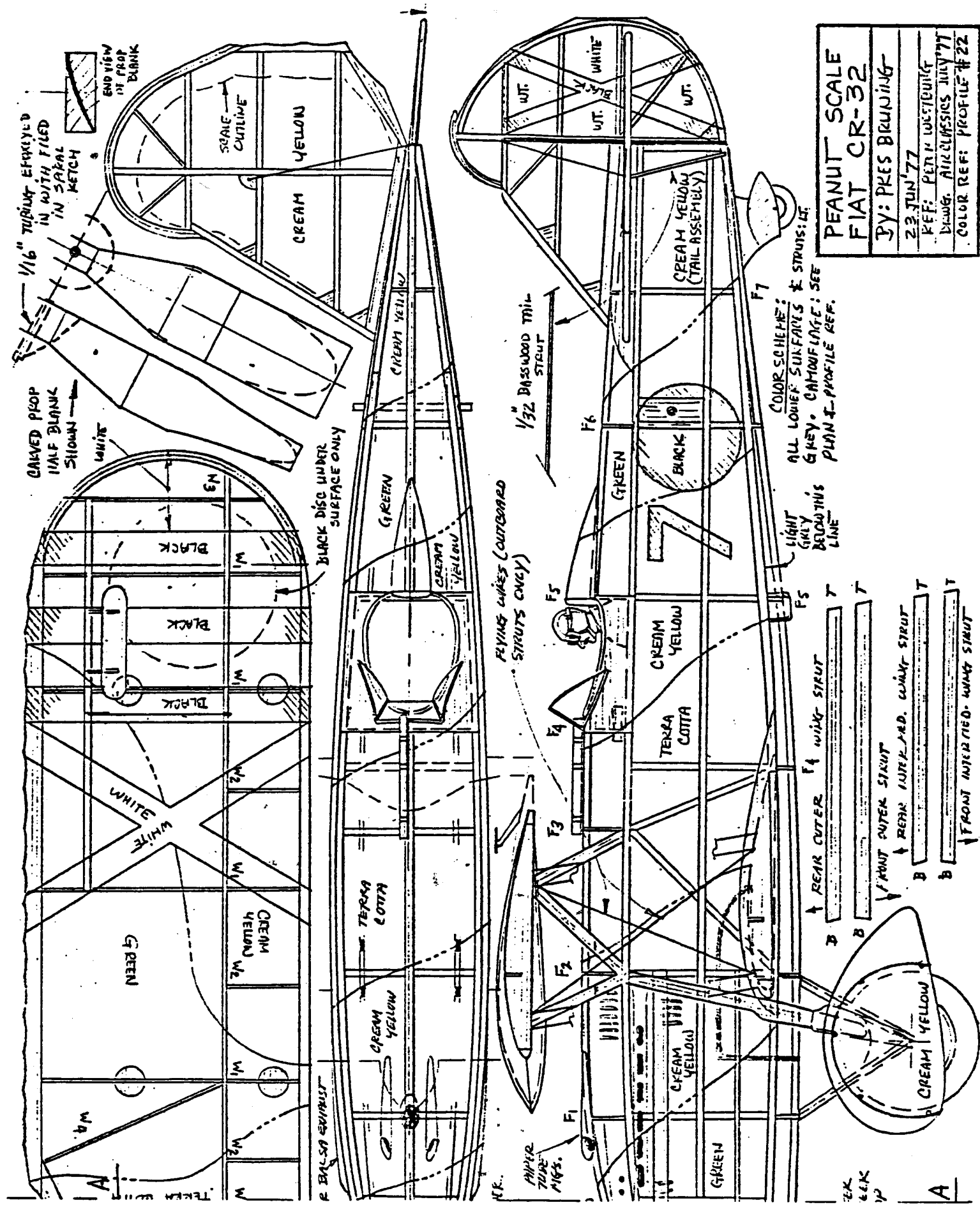
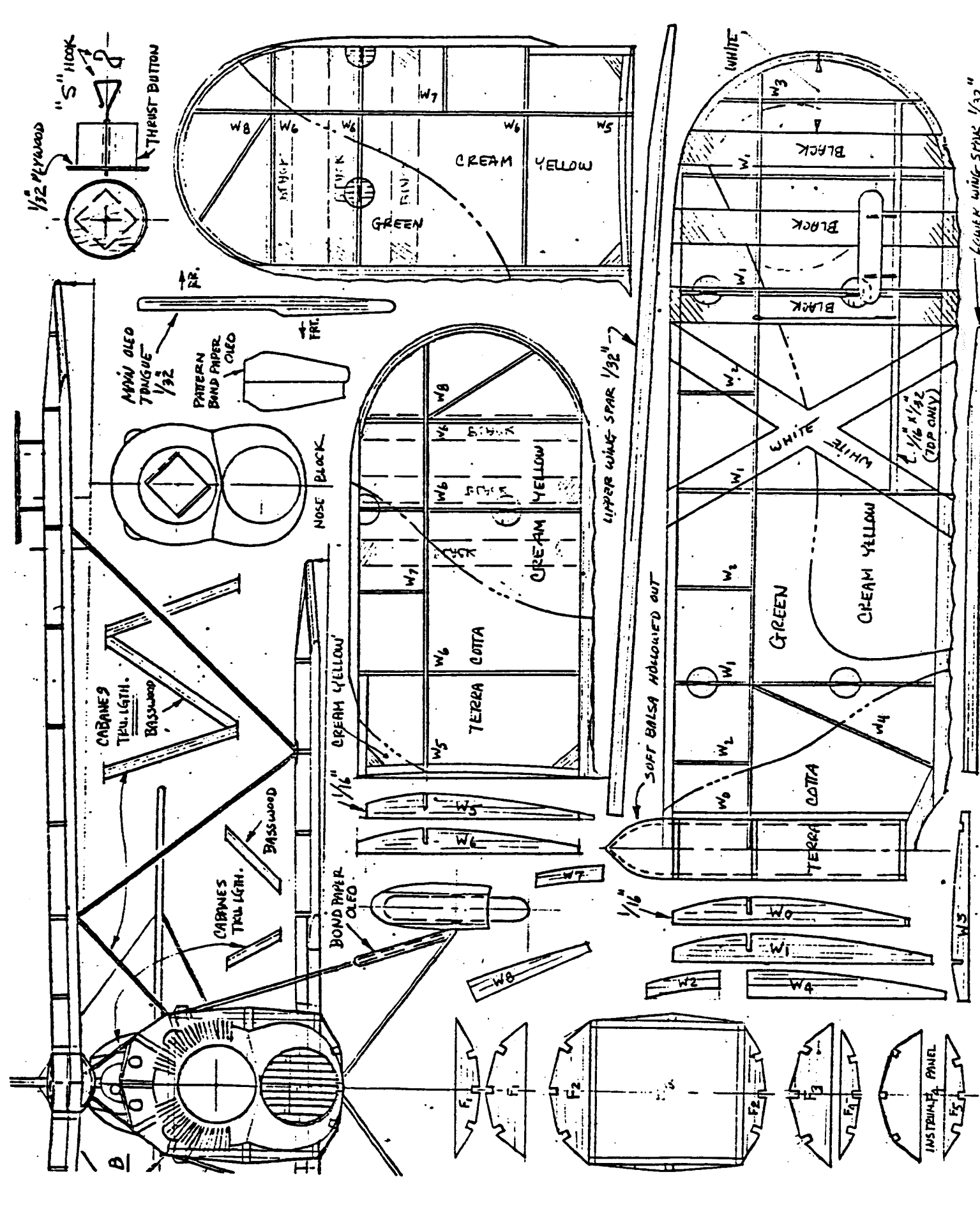
LINES INDICATE STRINGER POSITION  
 3 - 1/2 x 1/2



COLOR SCHEME:  
 ENTIRE AIRCRAFT SILVER  
 RED AND WHITE INSIGNIA

DEMOTIVE D. 27-C1  
 2 of 3 NEW  
 MAN. 4/62

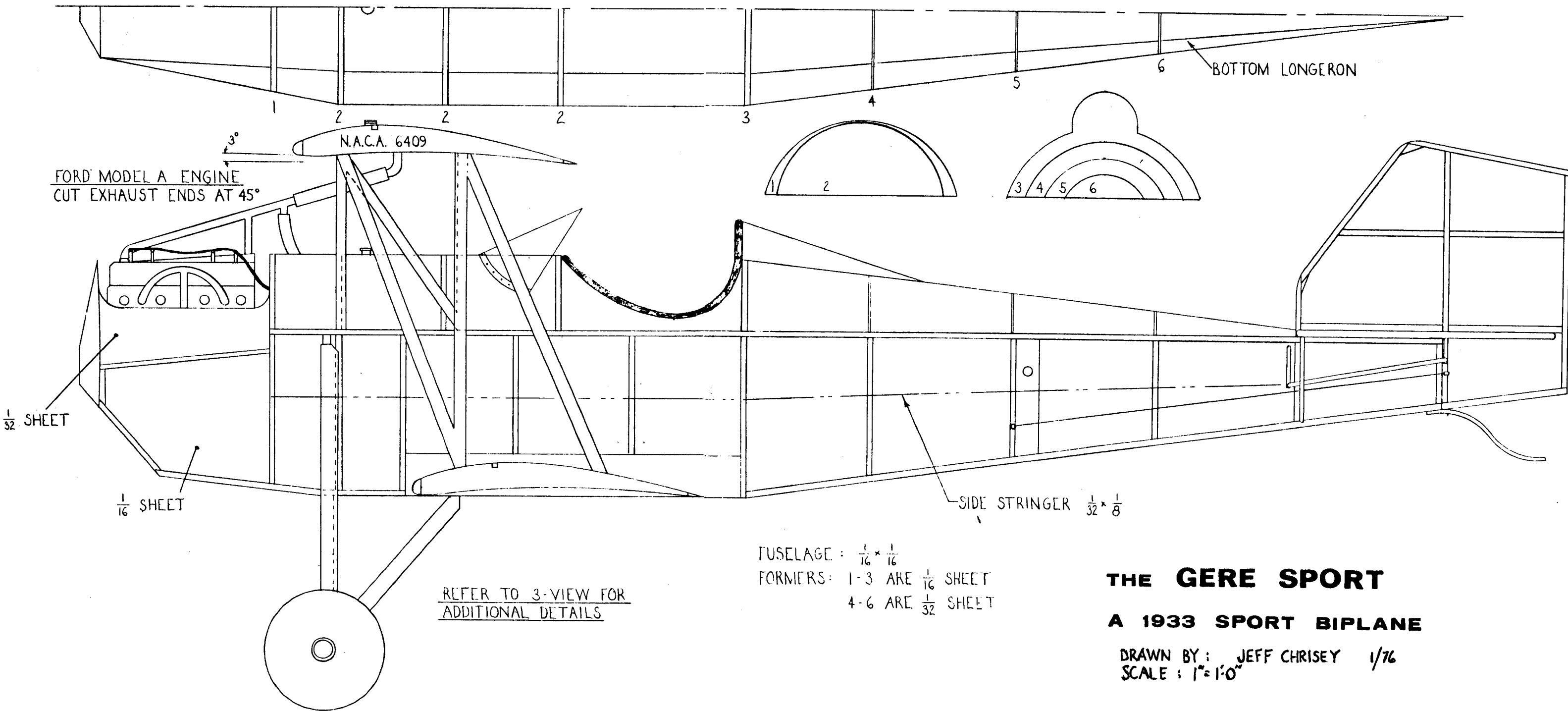
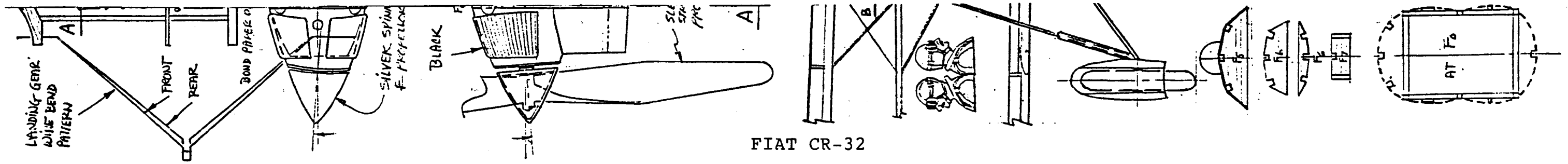
A FLYING ACES CLUB PLAN  
 BY DAVE SMITH 10-20-80



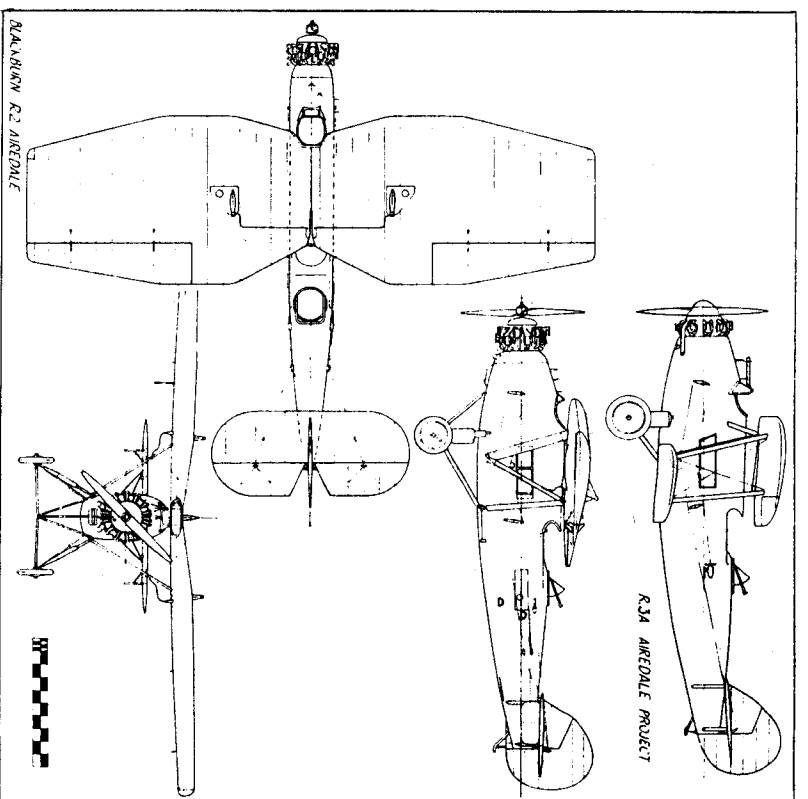
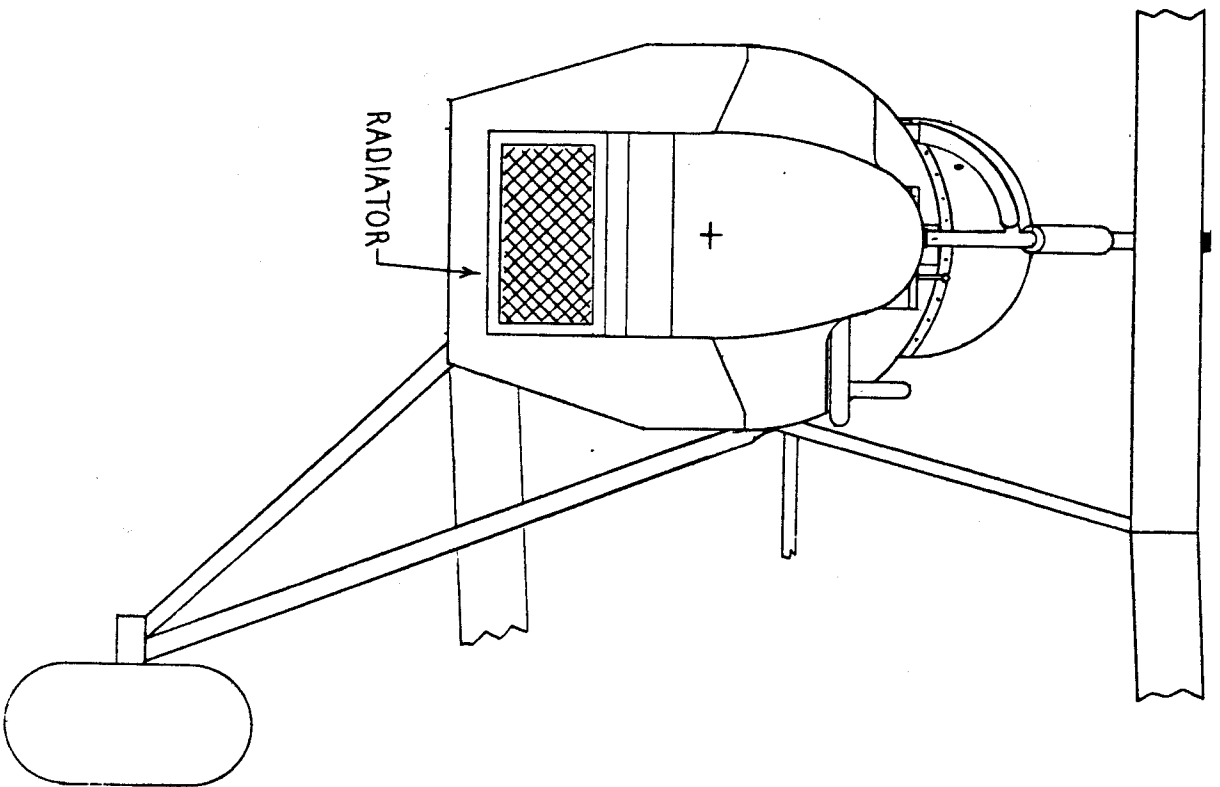
**PEANUT SCALE**  
**FIAT CR-32**  
 BY: PRES BRUNING  
 23 JUN '77  
 REF: PER: WOLFEUNG  
 DRAWG: AIRCRAFTSIS JULY '77  
 COLOR REF: PROFILE #22

COLOR SCHEMES:  
 ALL LOWER SURFACES & STRUTS: LT  
 GREY CAMOUFLAGE: SEE  
 PLAN & PROFILE REF.

LIGHT GRAY BOUNDING LINE  
 F1 REAR OUTER F1 WING STRUT  
 F2 FRONT OUTER STRUT  
 F3 REAR INNER/ARD. WING STRUT  
 F4 FRONT INNER/ARD. WING STRUT  
 F5 FRONT INTERMED. WING STRUT



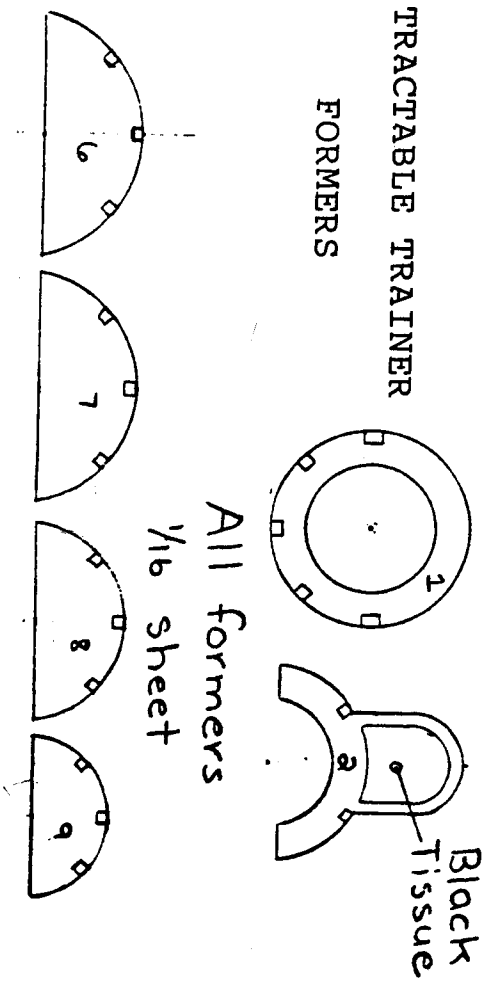




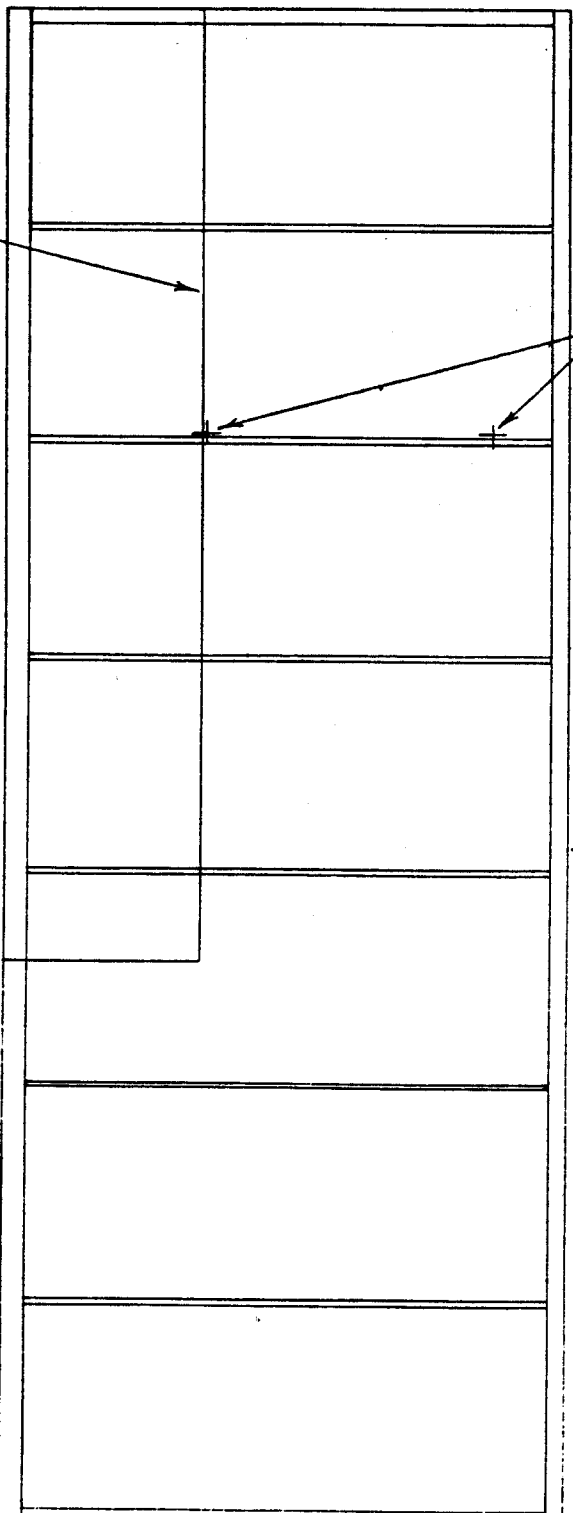
TRACTABLE TRAINER

FORMERS

All formers  
1/16 sheet



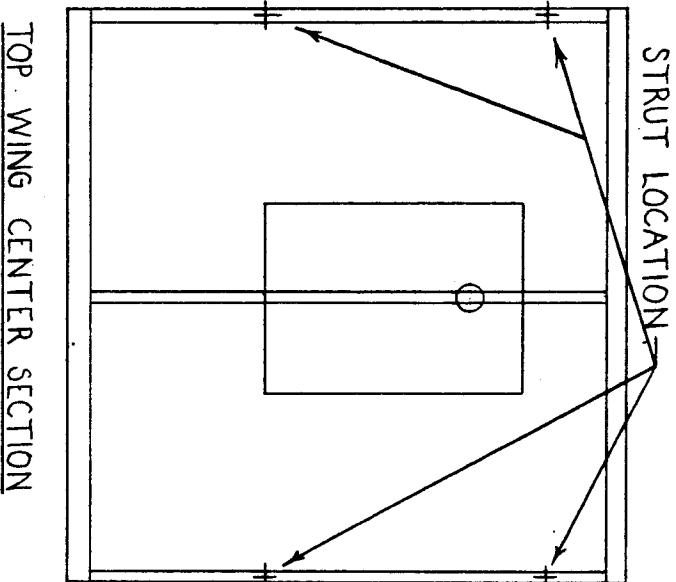
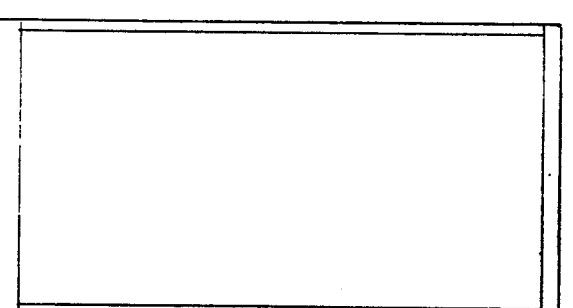
STRUT LOCATION  $\frac{3}{32}$  SQ.



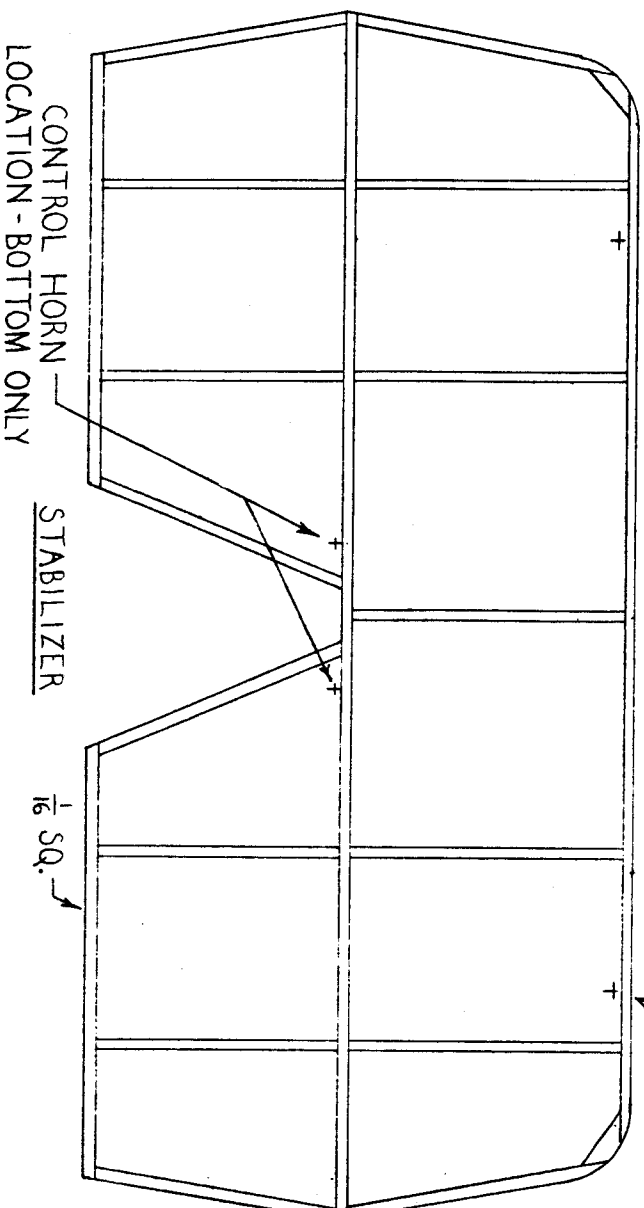
WING PANEL

$\frac{1}{16} \times \frac{1}{8}$

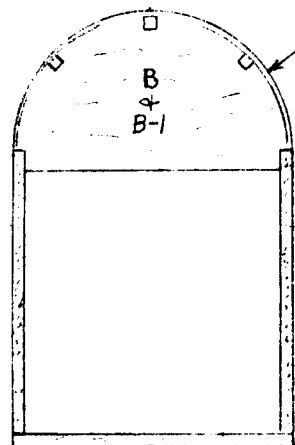
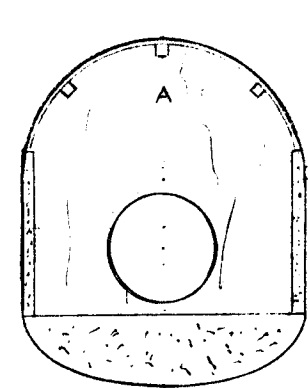
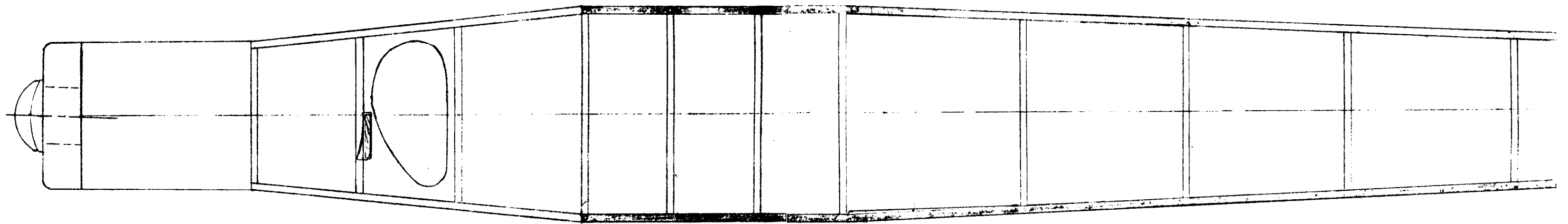
NOTE: ALL WING PANELS THE SAME EXCEPT  
AILERONS ON BOTTOM WING ONLY.  
DIHEDRAL:  $\frac{1}{2}$  TOP & BOTTOM WINGS



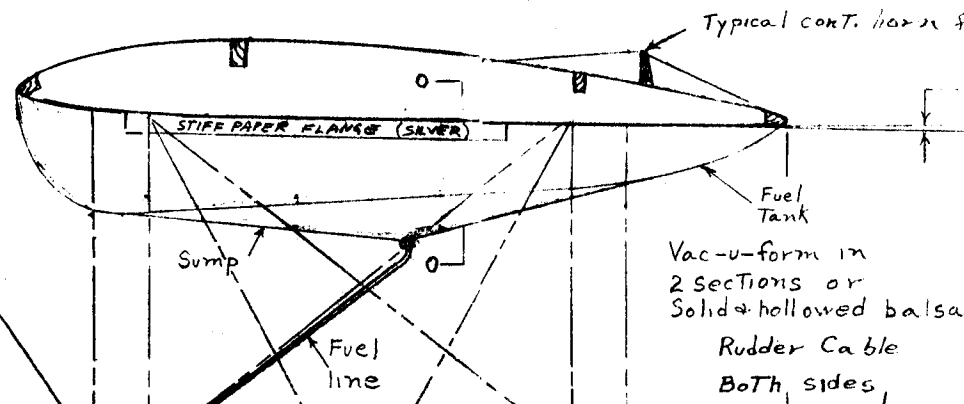
STRUT LOCATION





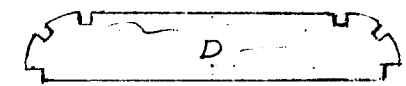
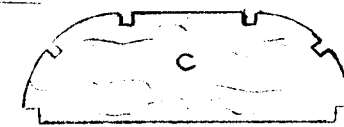


Sht. Balsa or Bond Paper Covering from Nose to forward center Section Struts



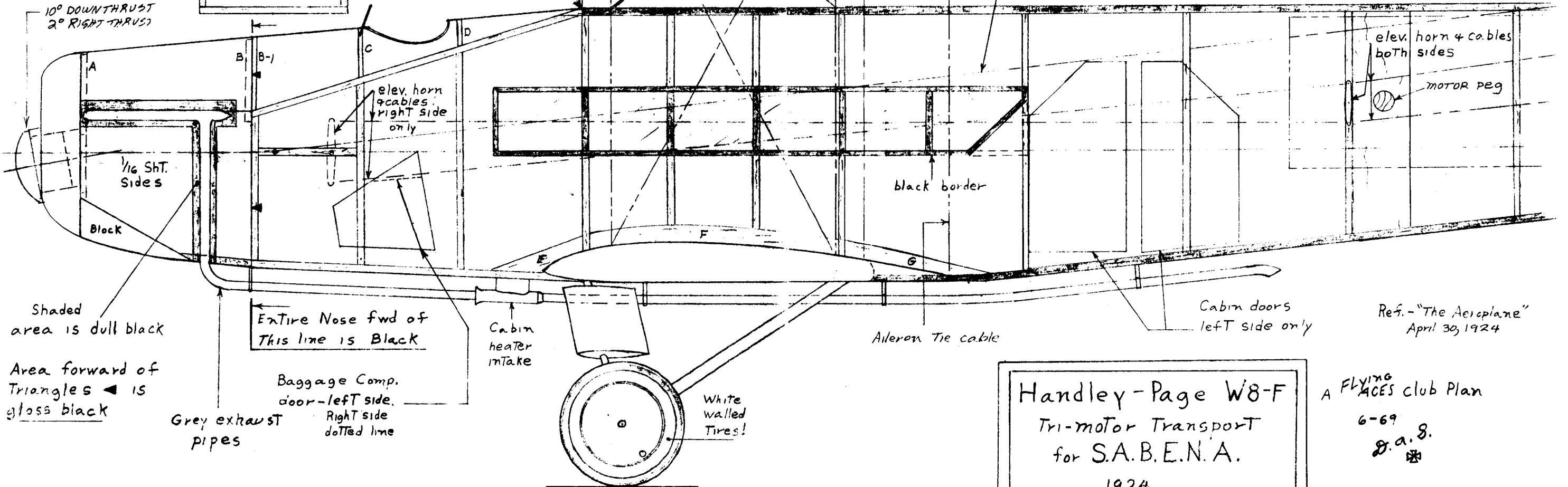
Typical cont. horn for all surfaces

1° POS. INCIDENCE (BOT. WING SET AT 0°)



INSIDE OF FUSELAGE LINED WITH 1/32 SHEET FROM STA. B TO MOTOR PEG.

10° DOWNTHRUST  
2° RIGHT THRUST



1/16 SHT. Sides  
Block

elev. horn & cables right side only

black border

elev. horn & cables both sides  
MOTOR PEG

Shaded area is dull black

Area forward of Triangles is gloss black

Grey exhaust pipes

Entire Nose fwd of This line is Black

Baggage Comp. door - left side. Right side dotted line

Cabin heater intake

White walled Tires!

Aileron Tie cable

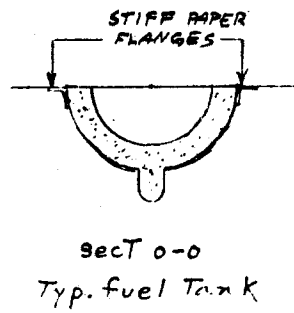
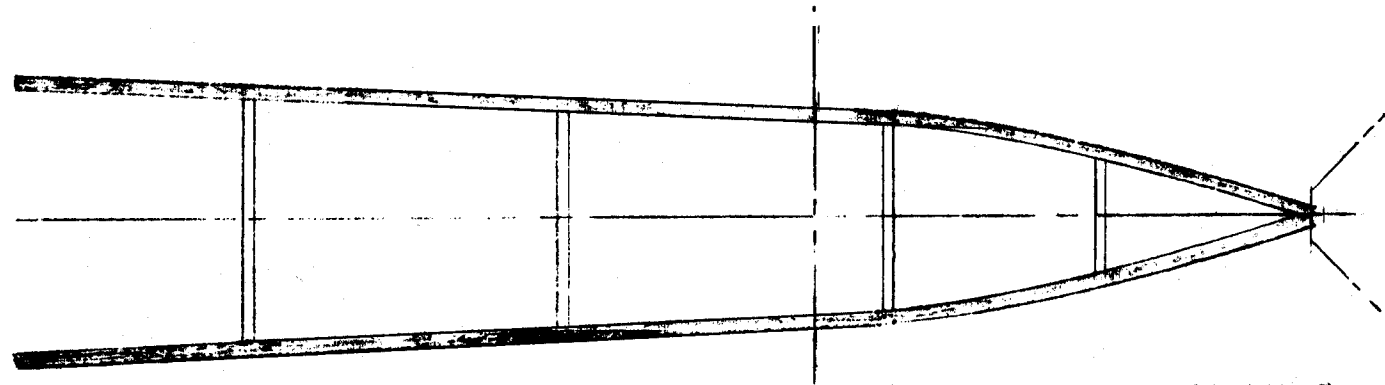
Cabin doors left side only

Ref. - "The Aeroplane" April 30, 1924

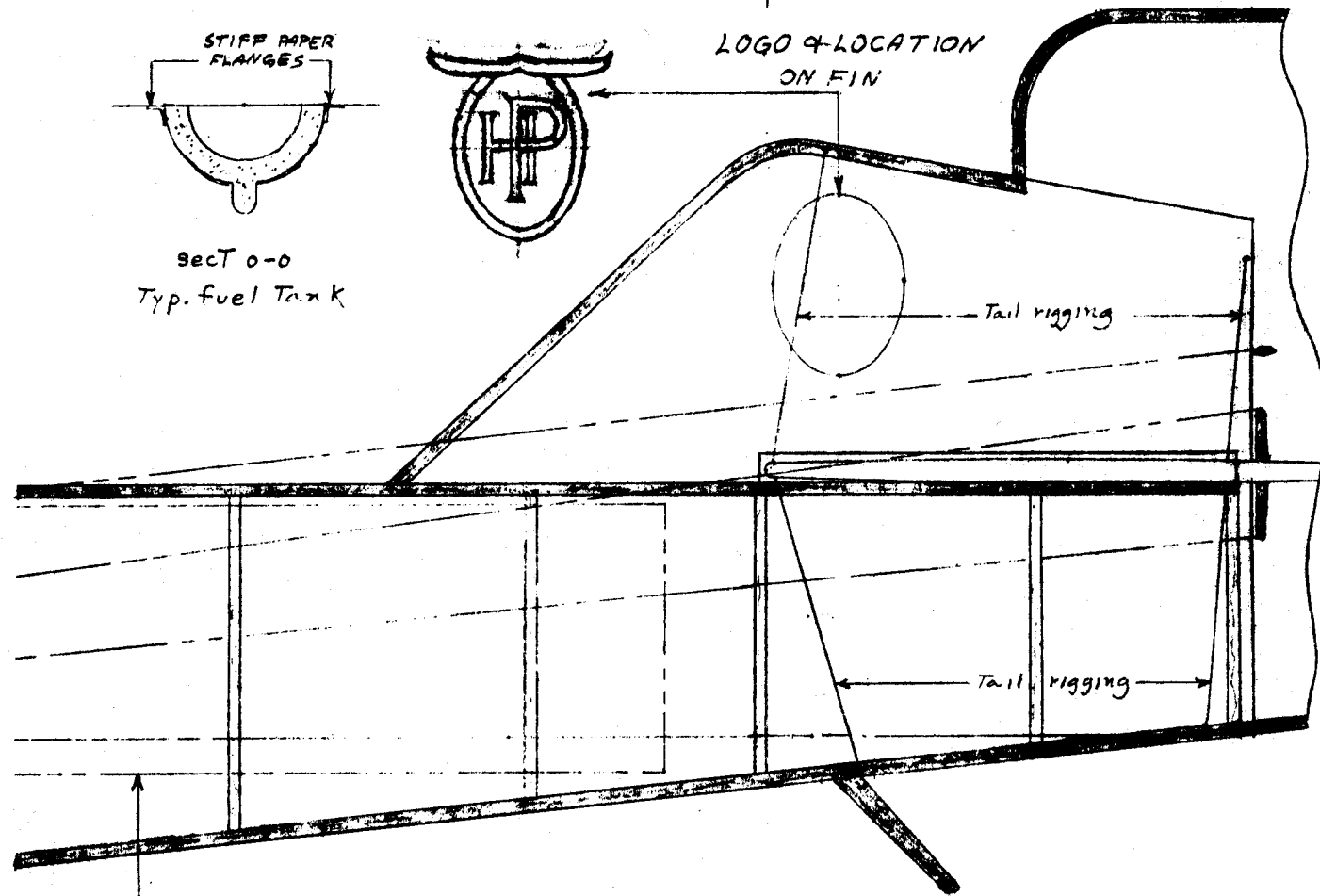
Handley-Page W8-F  
Tri-motor Transport  
for S.A.B.E.N.A.  
1924

A FLYING ACES club Plan  
6-69  
S.A.S.

REVISED 1982 S.A.S.



LOGO & LOCATION ON FIN



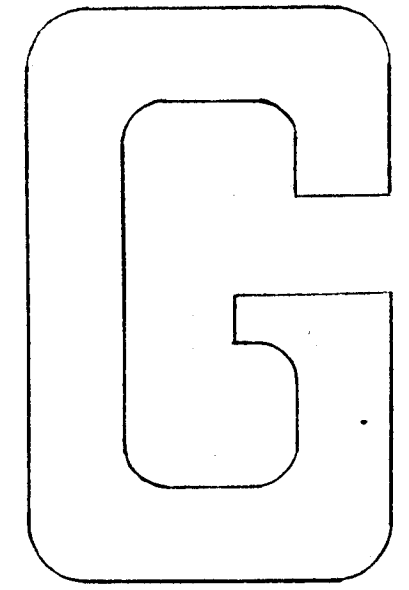
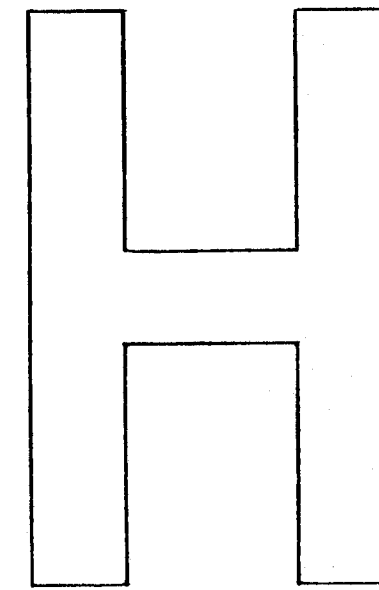
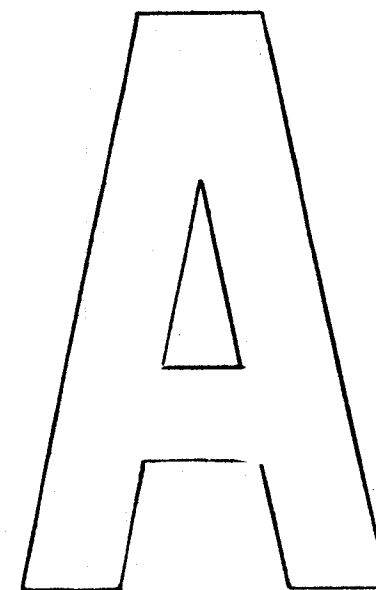
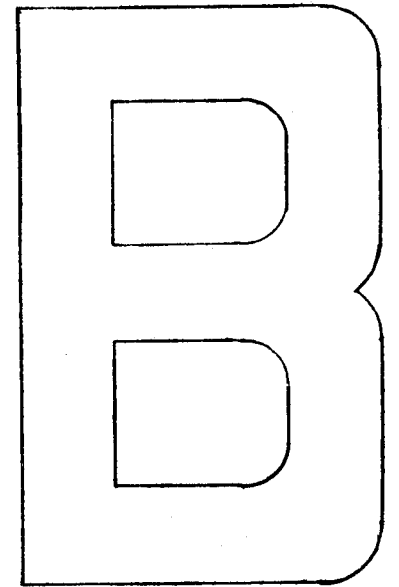
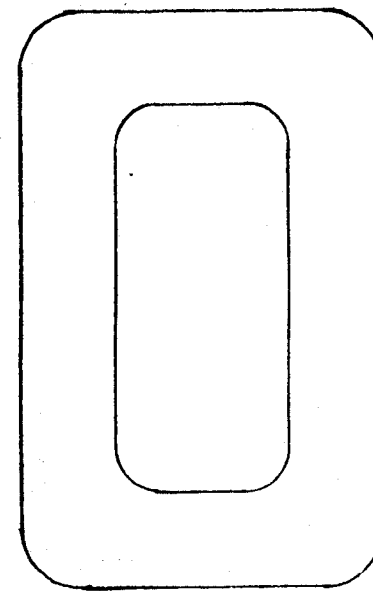
White block, both sides containing Registration

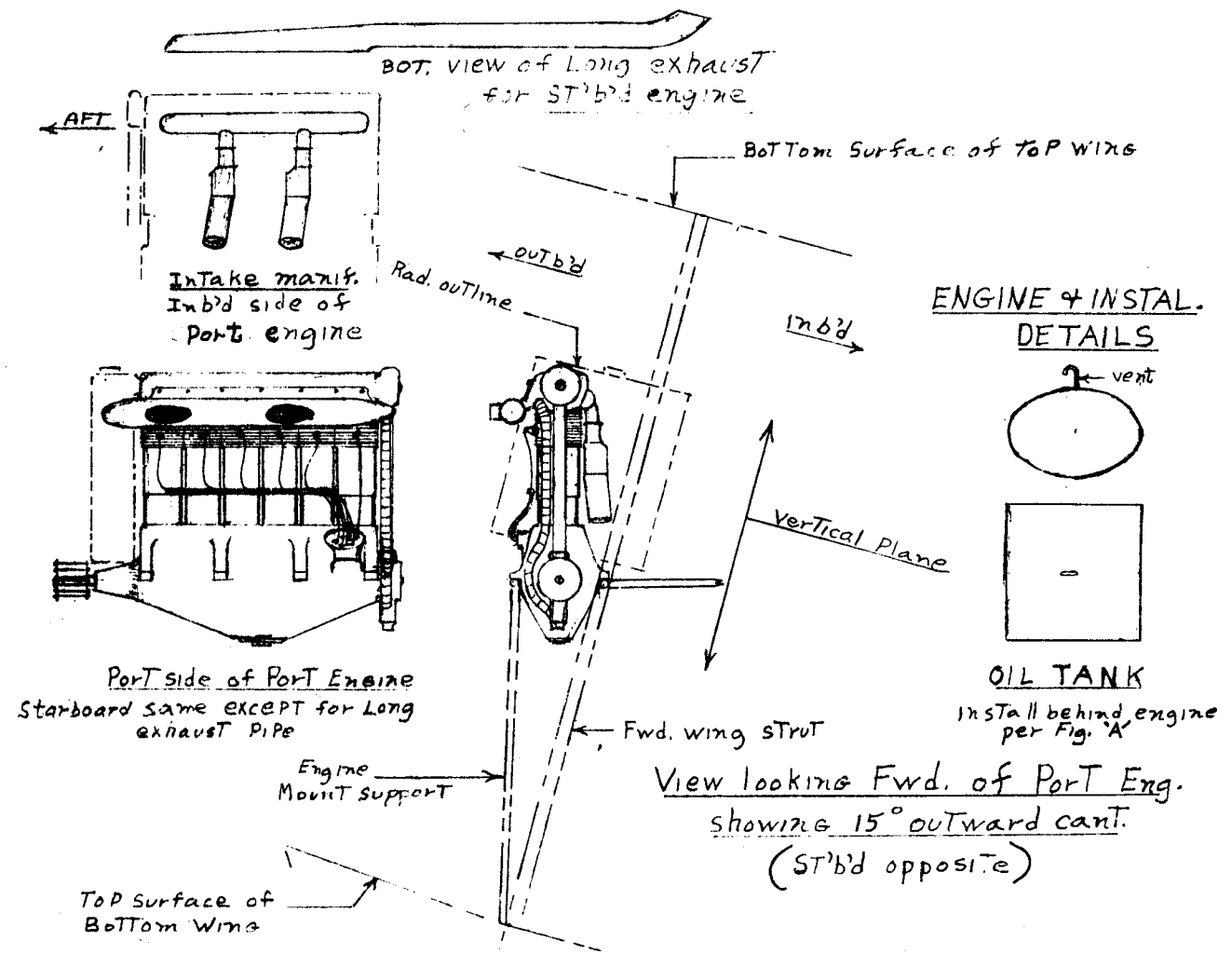
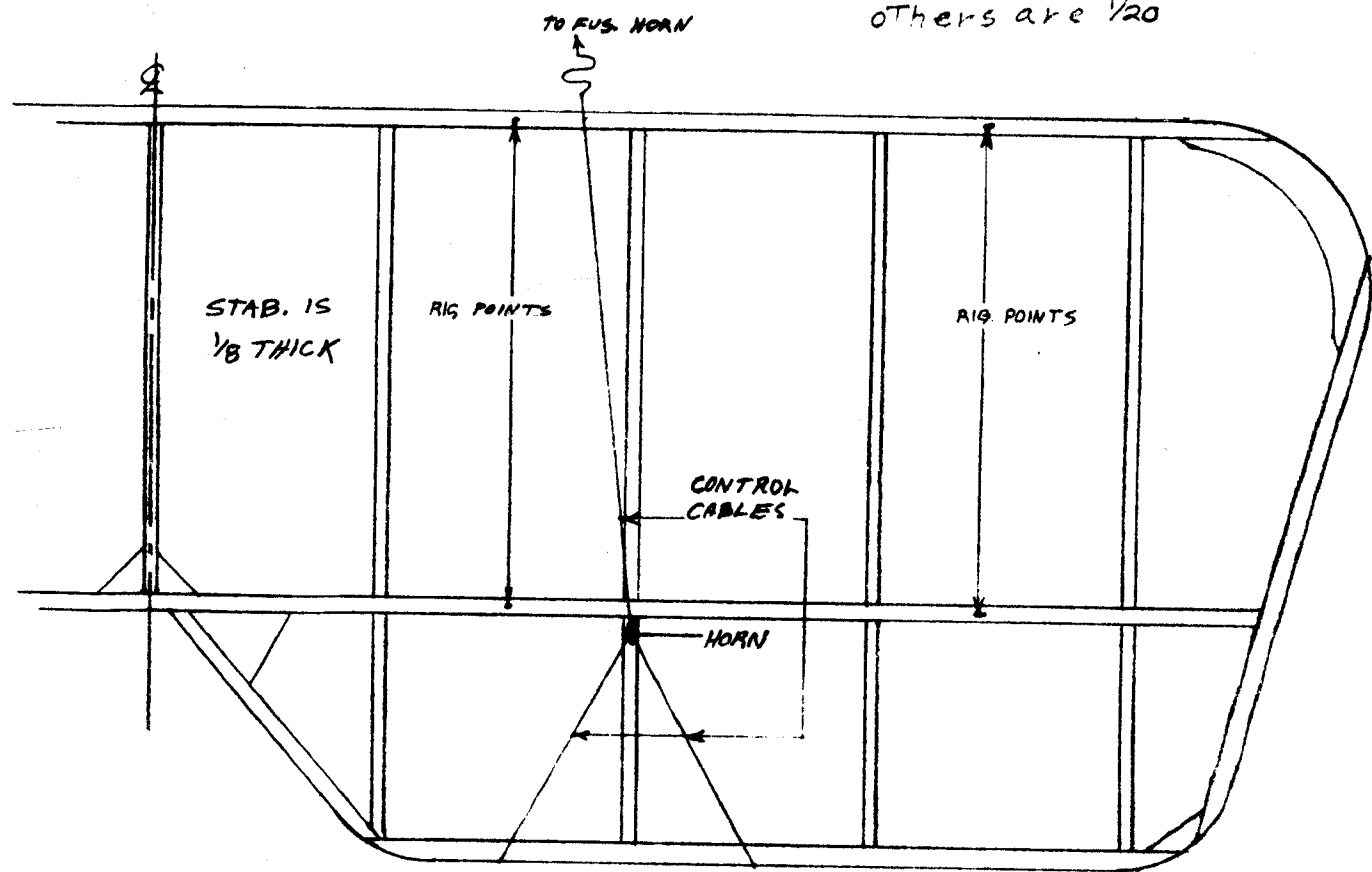
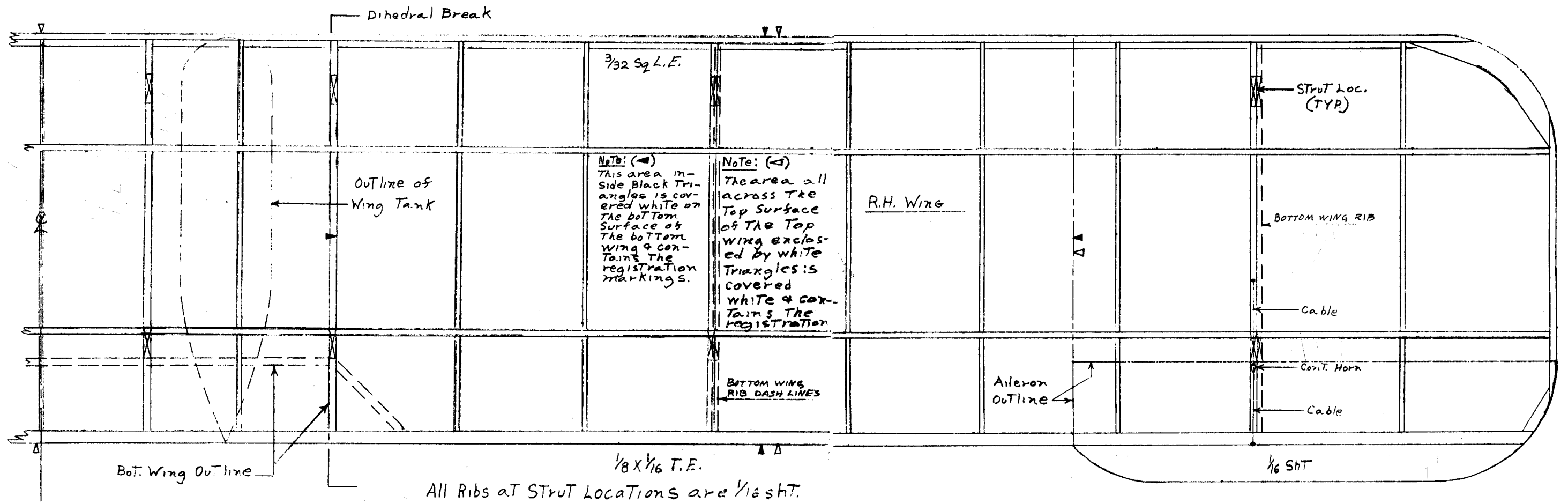
THE HANDLEY PAGE W8.F

Span .....	75 ft. 0 in. (22.8 m.)
Length .....	60 ft. 1 in. (18.3 m.)
Height .....	17 ft. 0 in. (5.2 m.)
Wing area .....	1,456 sq. ft. (135 m. <sup>2</sup> )
Loaded weight ..	12,000 lbs. (5,460 kg.)
Wing loading .....	8.25 lbs./sq. ft. (40.4 kg./m. <sup>2</sup> )
Power loading .....	14.3 lbs./h.p. (6.5 kg./h.p.)
Max. speed .....	102 m.p.h (164 km.h.)

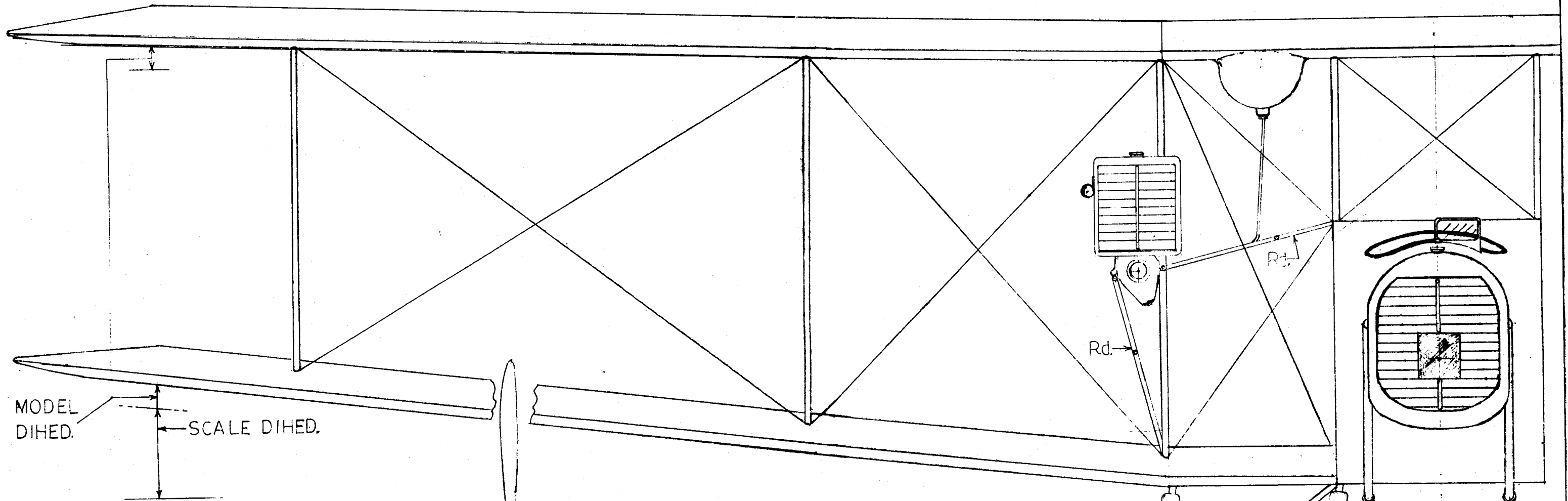
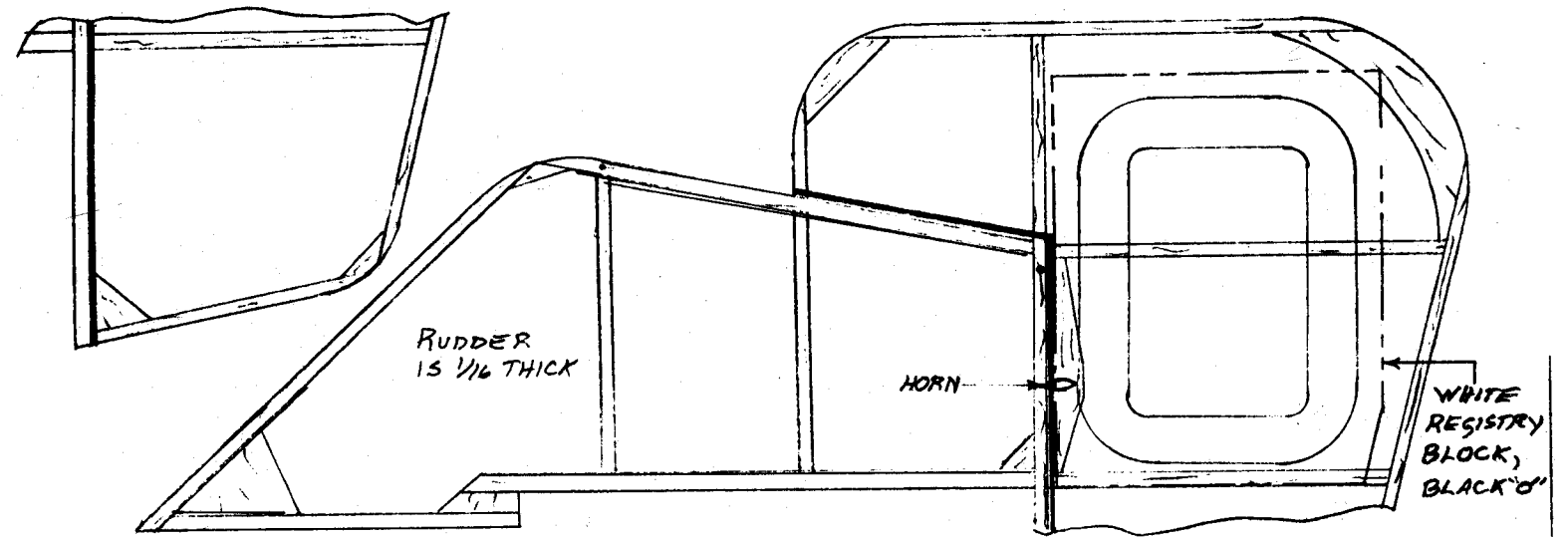
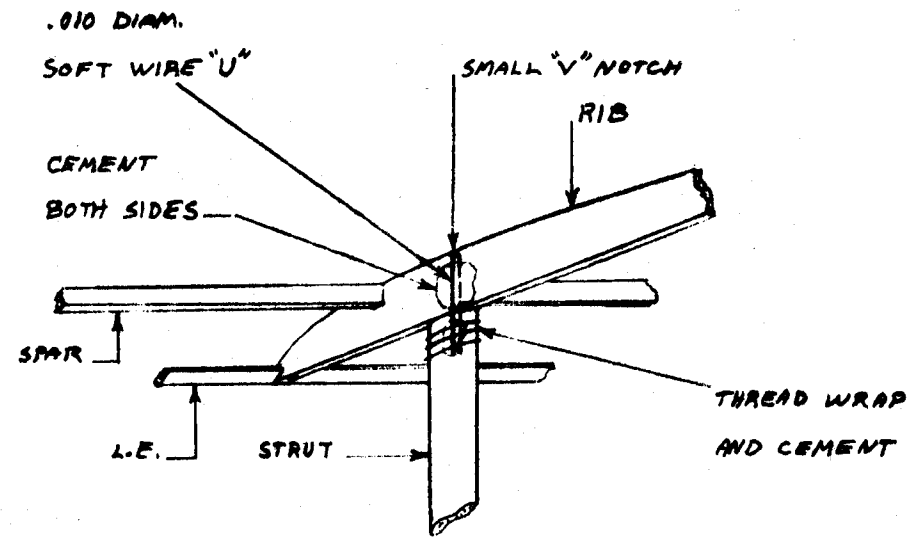
HANDLEY PAGE W8.F.—1 Rolls-Royce Eagle IX (360 h.p.) 2 Siddeley Pumas (210 h.p. each).

O-BAHG





**STRUT ATTACHMENT METHOD**



MODEL DIHED.  
SCALE DIHED.

**COLOR SCHEME**

**Silver**--Basic airplane, engine crankcases, valve covers, intake manifolds and carburators, radiator shutters and shutter control rod and windshield outline.

**Black**--Nose of fuselage from station "B" forward. top fuselage longeron from forward cabane to stern post. Bottom longeron from wing cutout to stern post. Outline of vertical tail. Handley Page logo. Tail skid. All control horns. All struts and landing gear. Wheels. Tires, except for white walls!! All registration lettering. Cabin window outlines. Prop bosses. Oil tanks. Fuel tanks. Radiator shells and caps. Door handles. Engine cylinders. Cabin vents above rear windows.

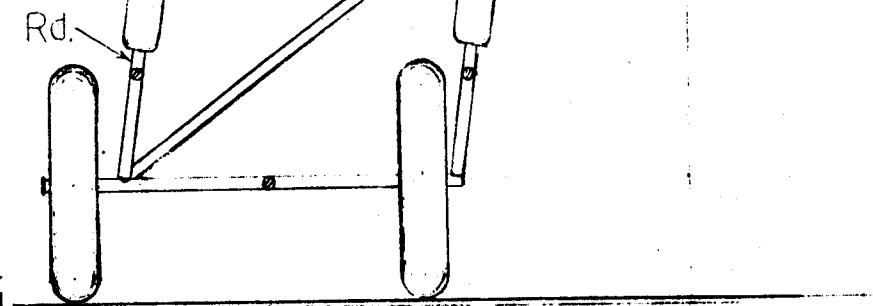
Scale Prop

**COLOR SCHEME CONTINUED**

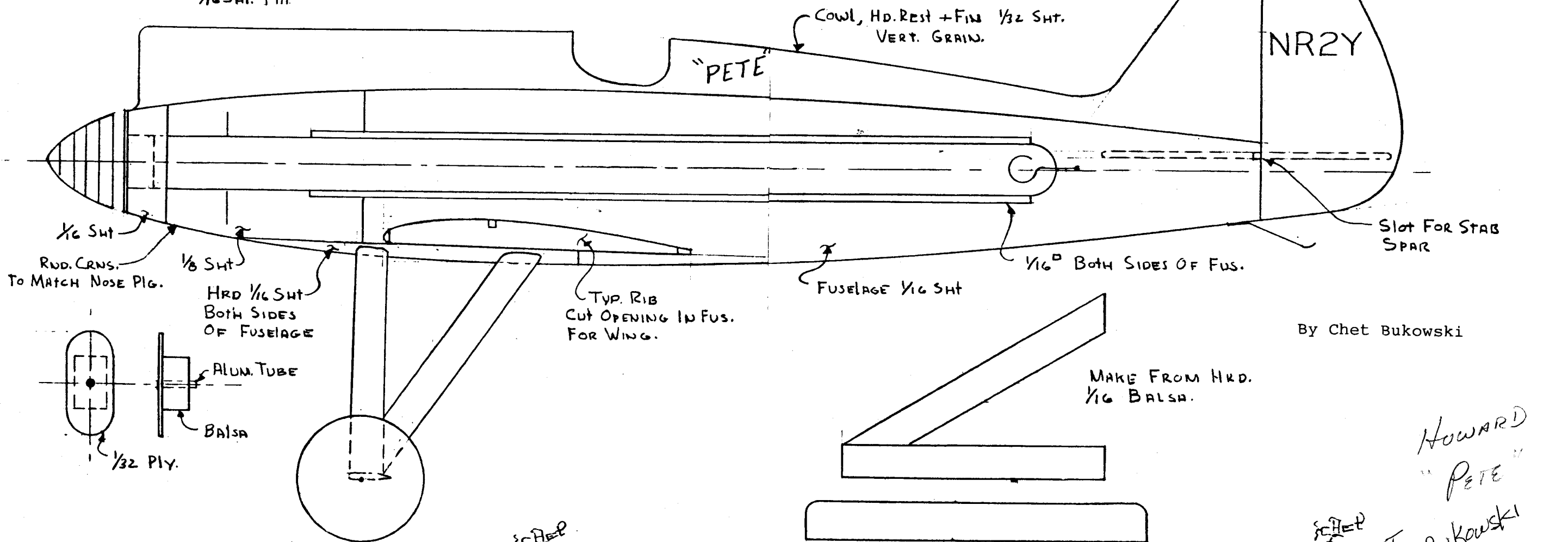
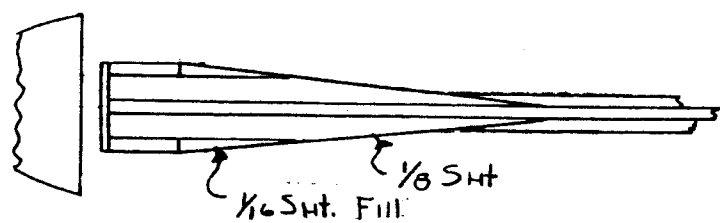
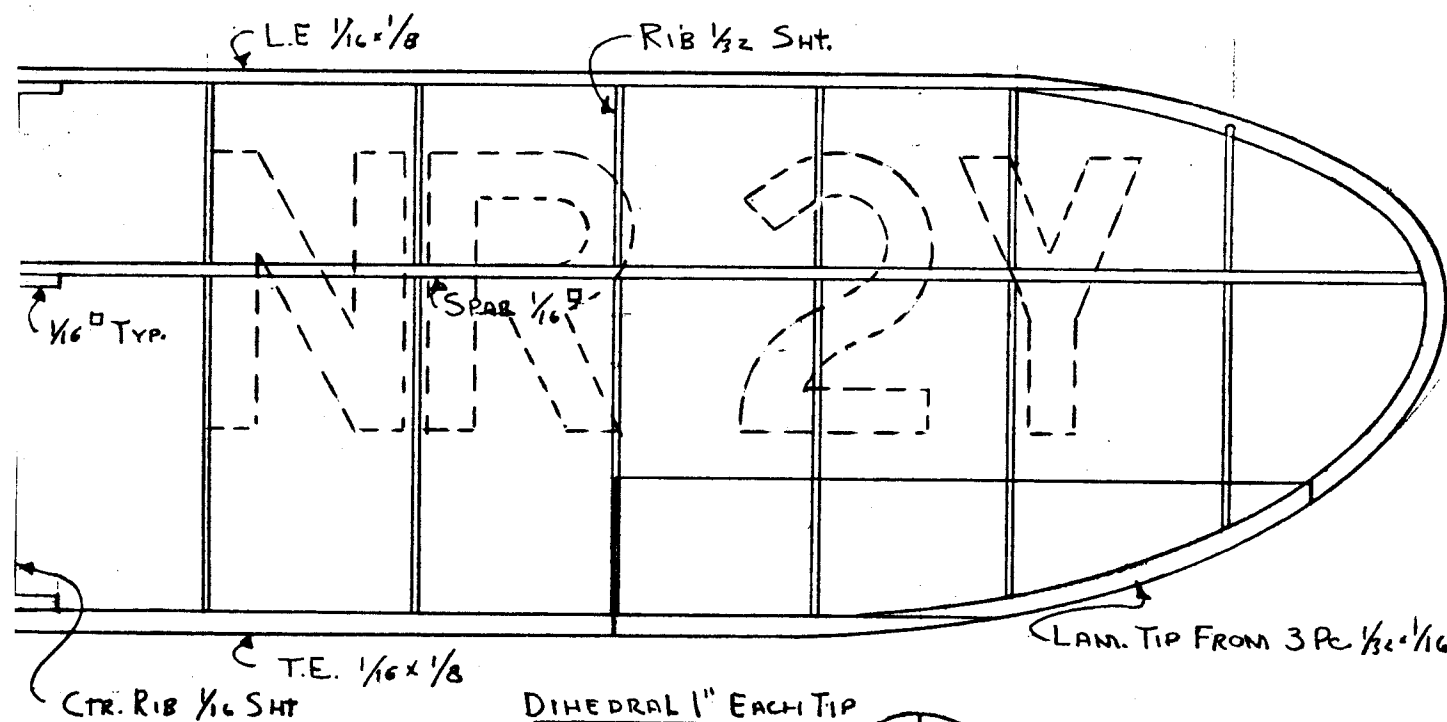
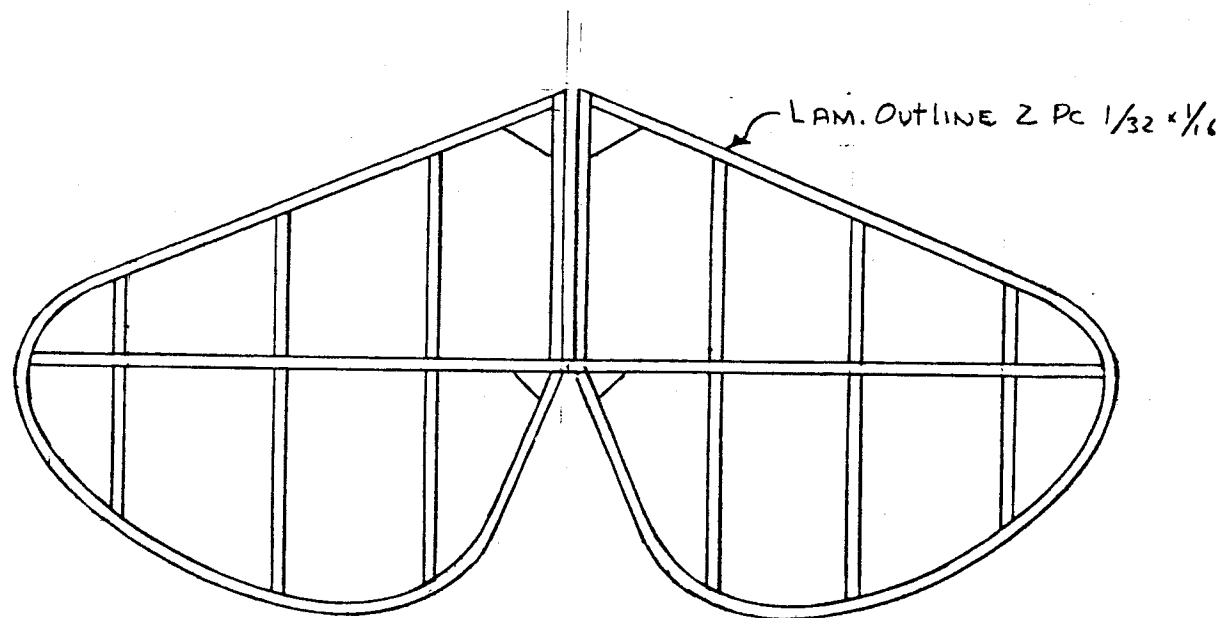
**White**--Registry blocks on fuselage and rudder. That portion of wings where registry appears as indicated on plans. Walls of the tires.

**Gray**--Exhaust pipes.

Props are natural wood finish...probably walnut or spruce. Cockpit coaming might have been brown, tan or black. Fuel lines and oil tank vents are copper. Rigging is black or gray.





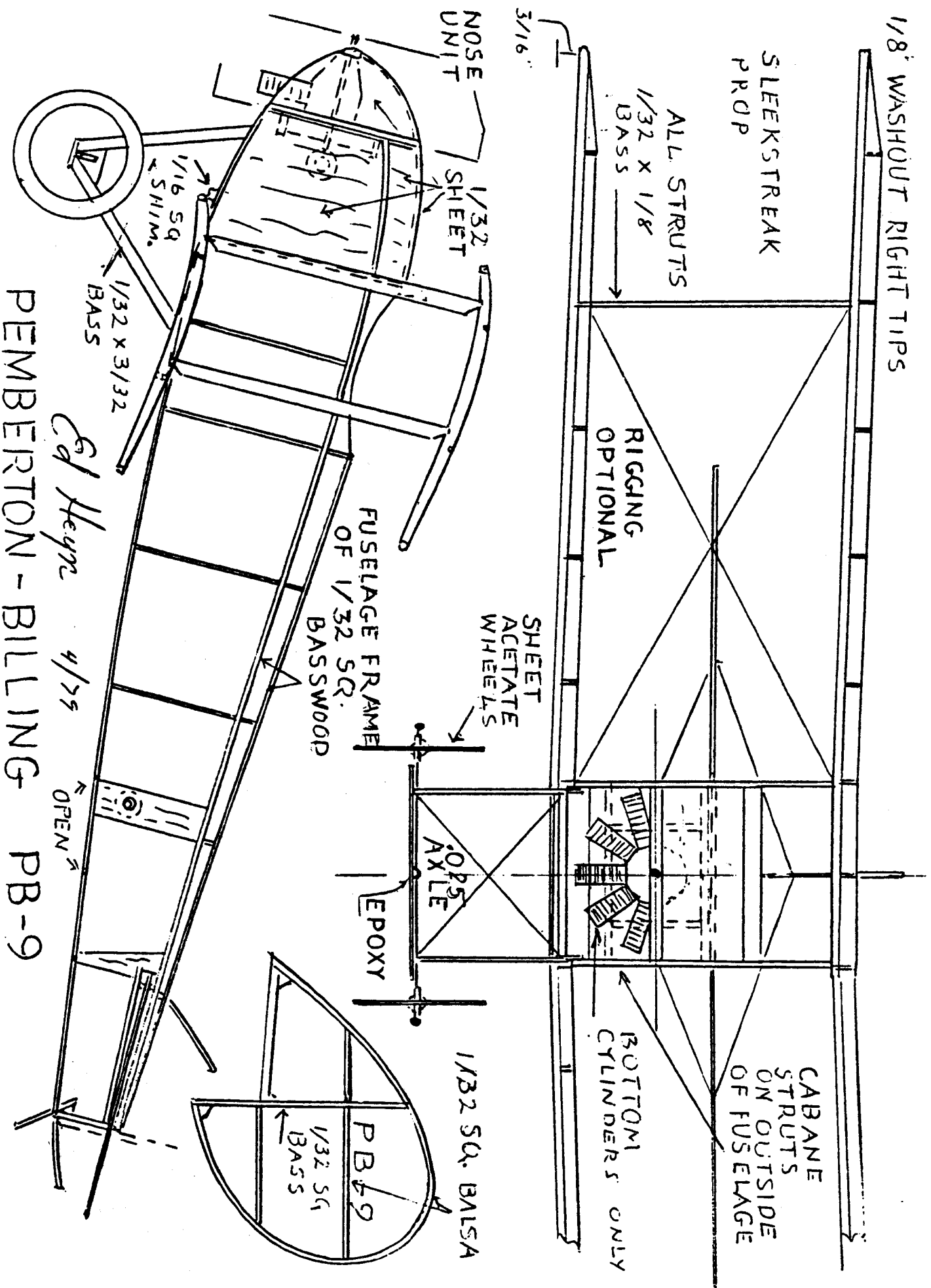
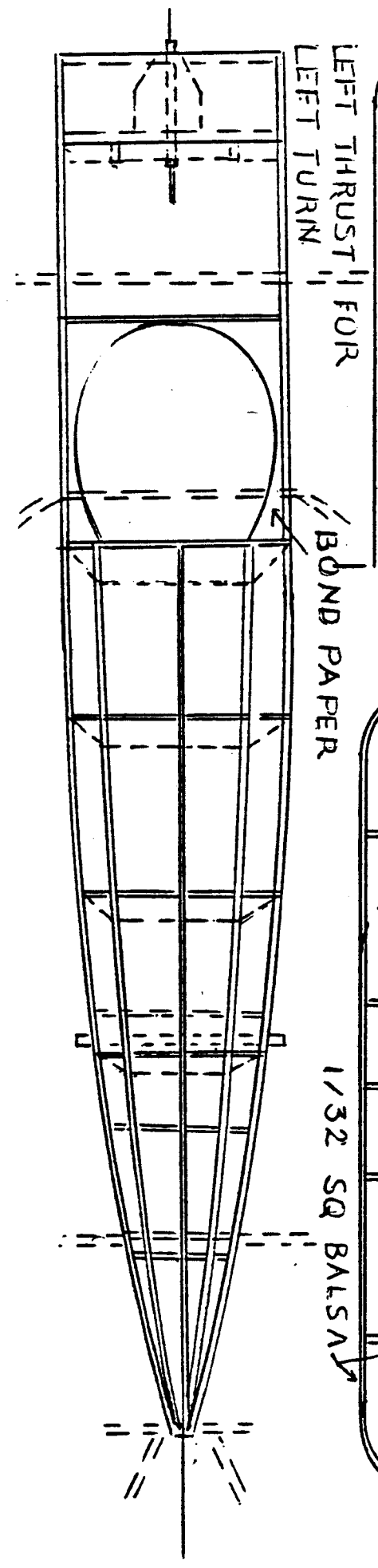
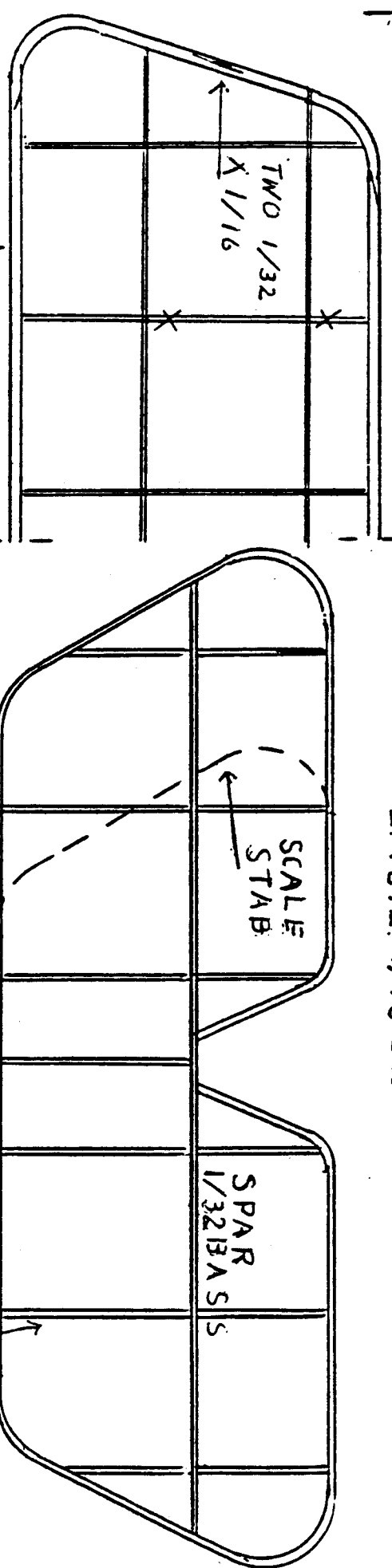
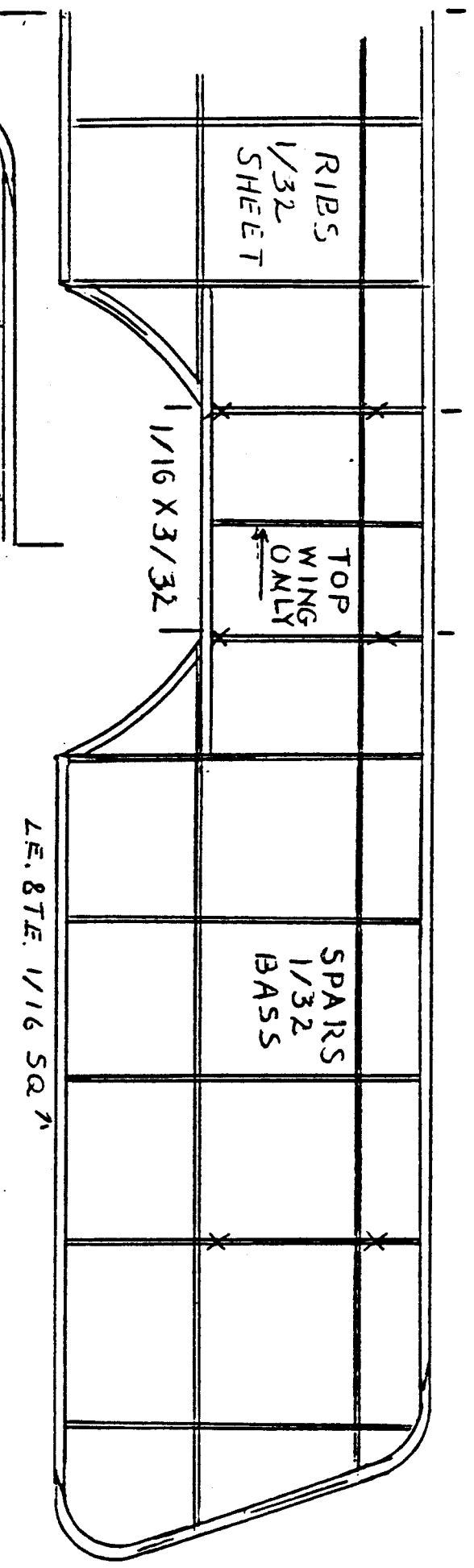


By Chet Bukowski

HOWARD  
 "PETE"

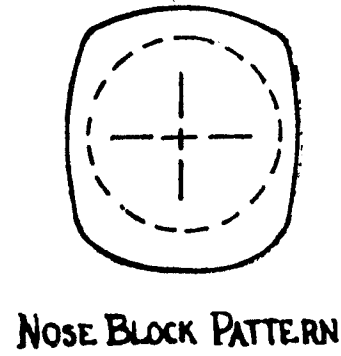
CHET  
 Bukowski

ICAP

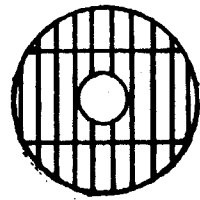


Ed Hege 4/79  
 PEMBERTON - BILLING PB-9

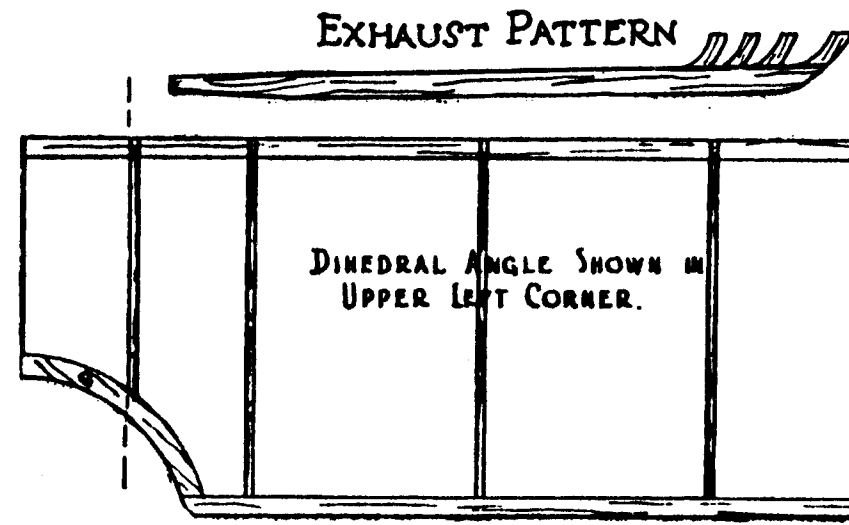
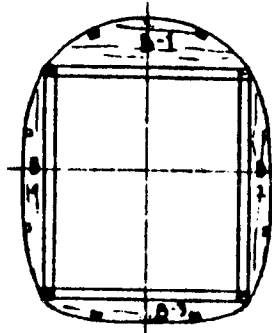
MILLER'S MODERATELY MODIFIED MINIATURE MEGOW MODELS.



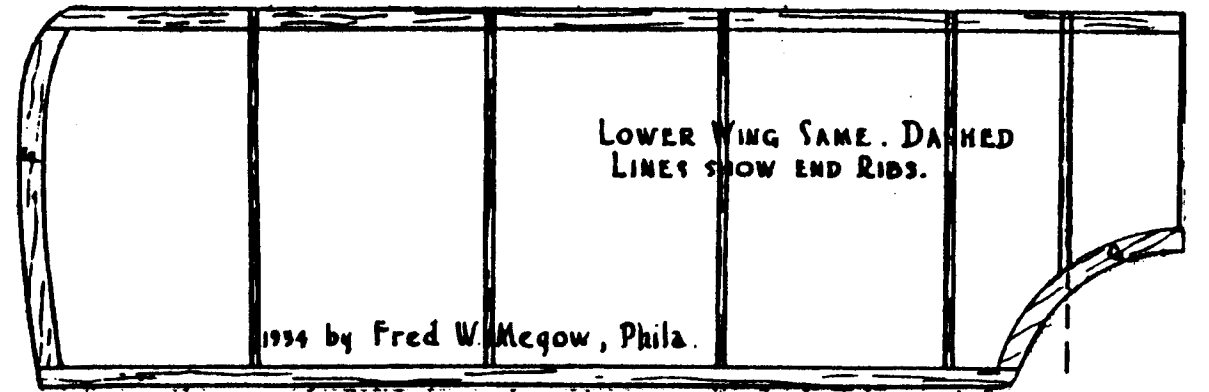
NOSE BLOCK PATTERN



Cut out and cement to nose block

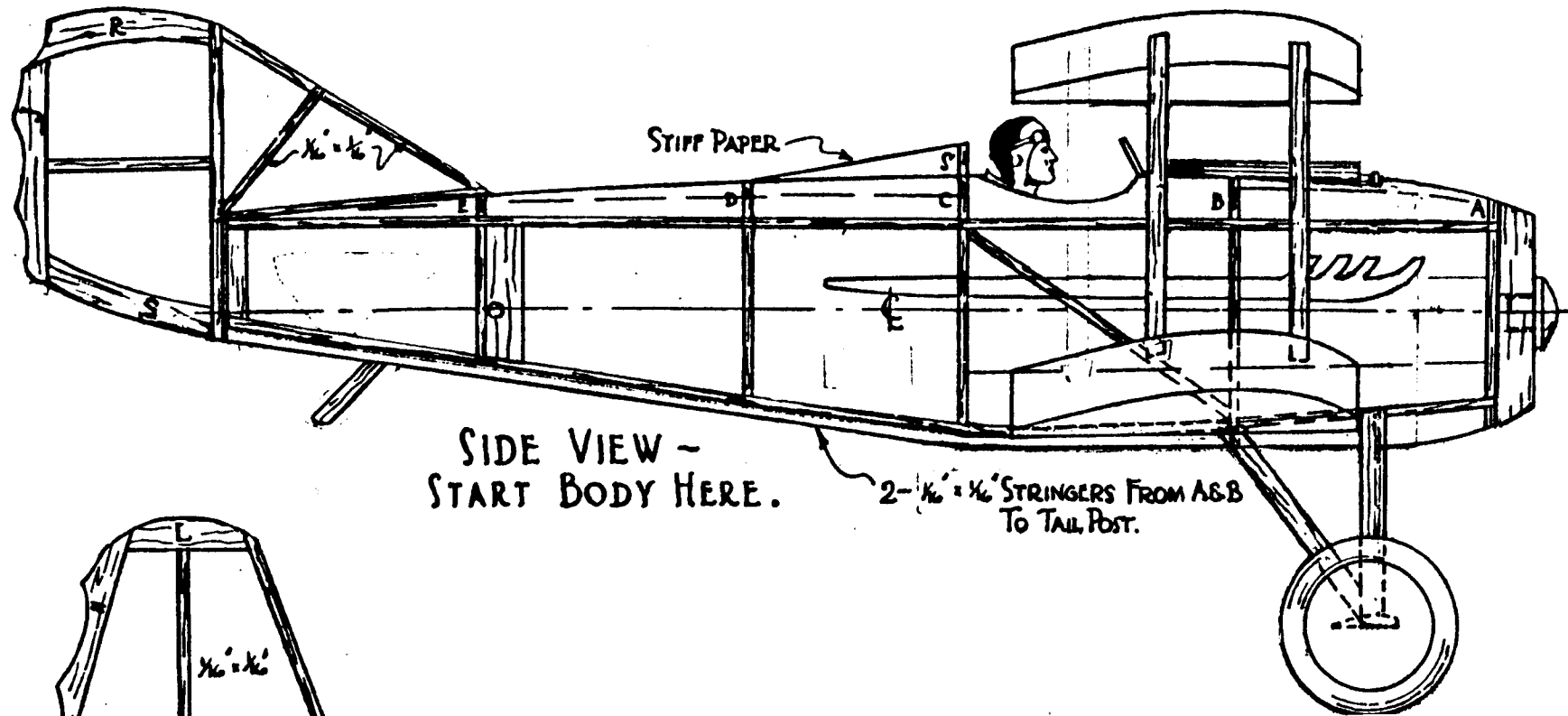


EXHAUST PATTERN



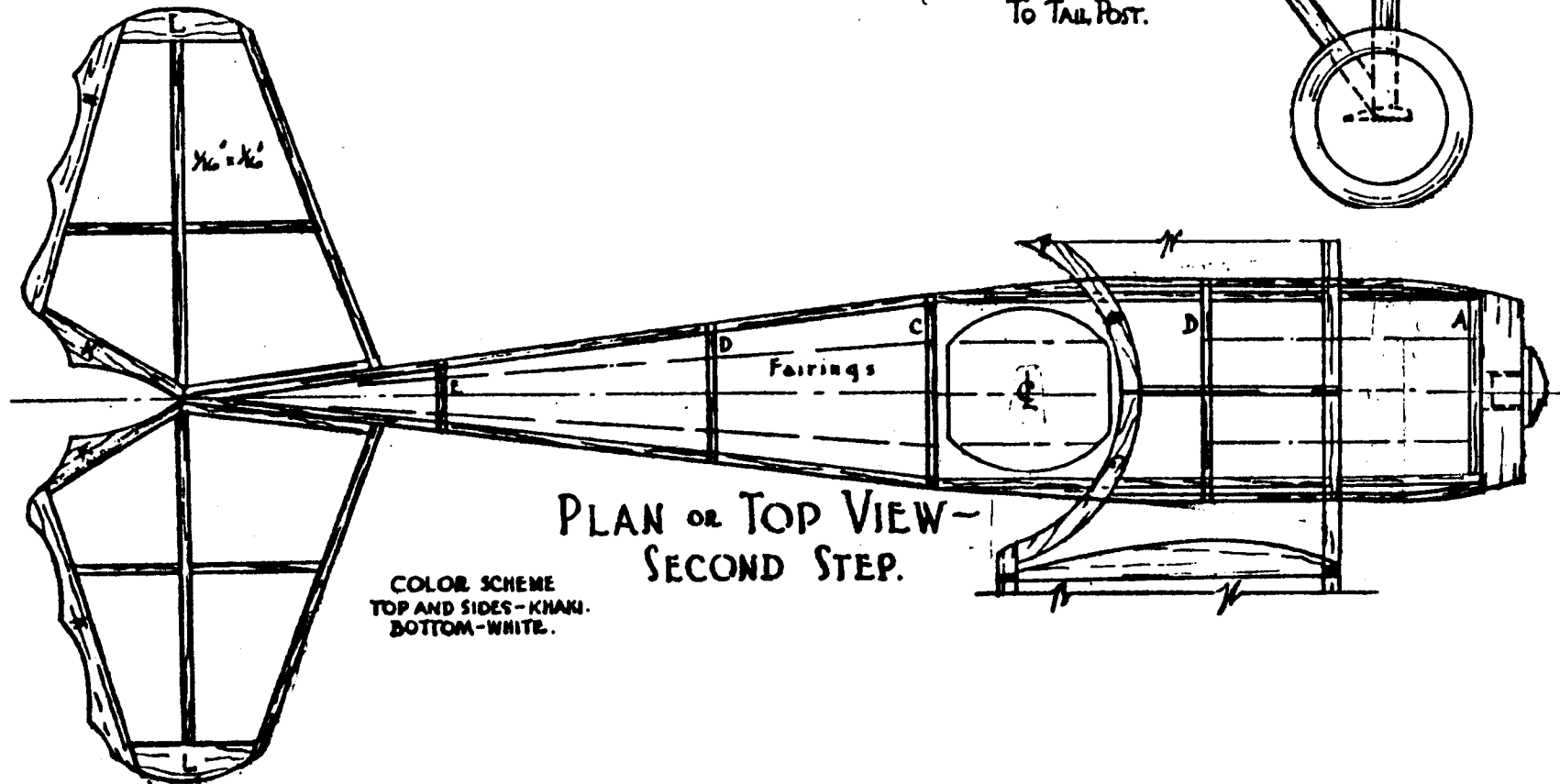
LOWER WING SAME. DASHED LINES SHOW END RIBS.

1934 by Fred W. Megow, Phila.



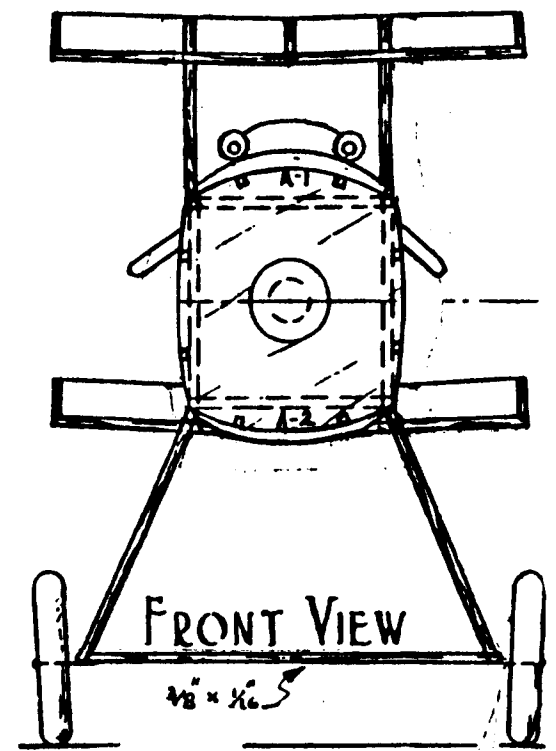
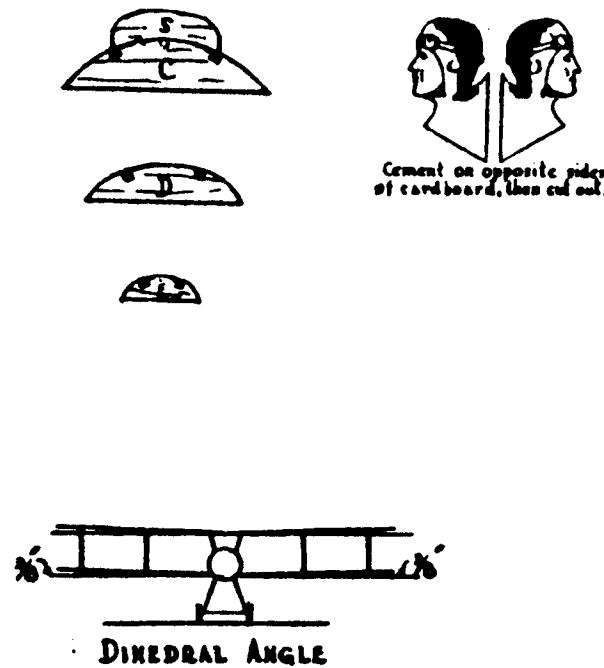
SIDE VIEW - START BODY HERE.

2-1/2" x 1/2" STRINGERS FROM A&B TO TAIL POST.



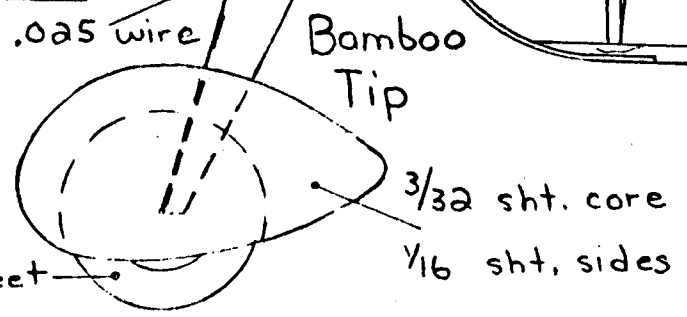
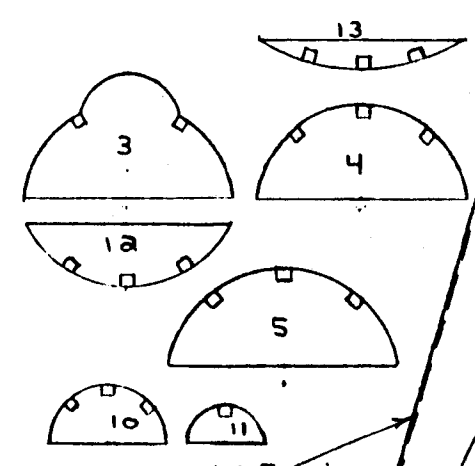
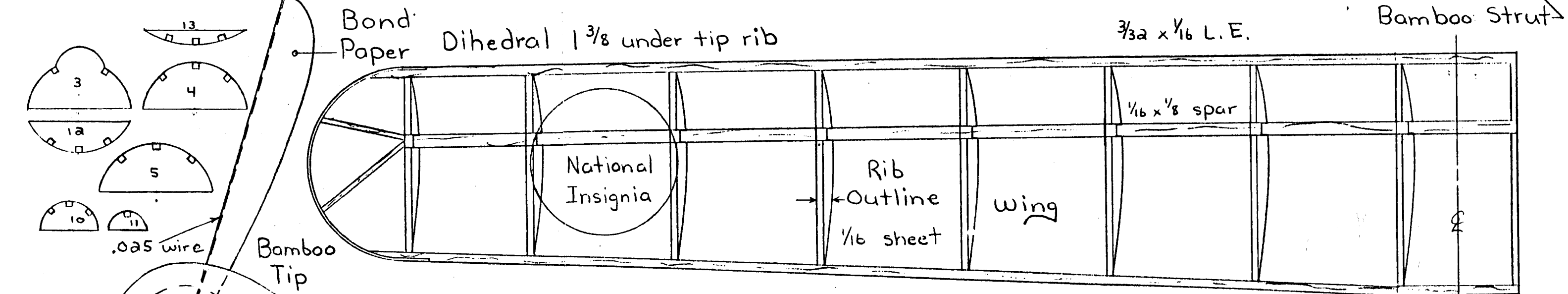
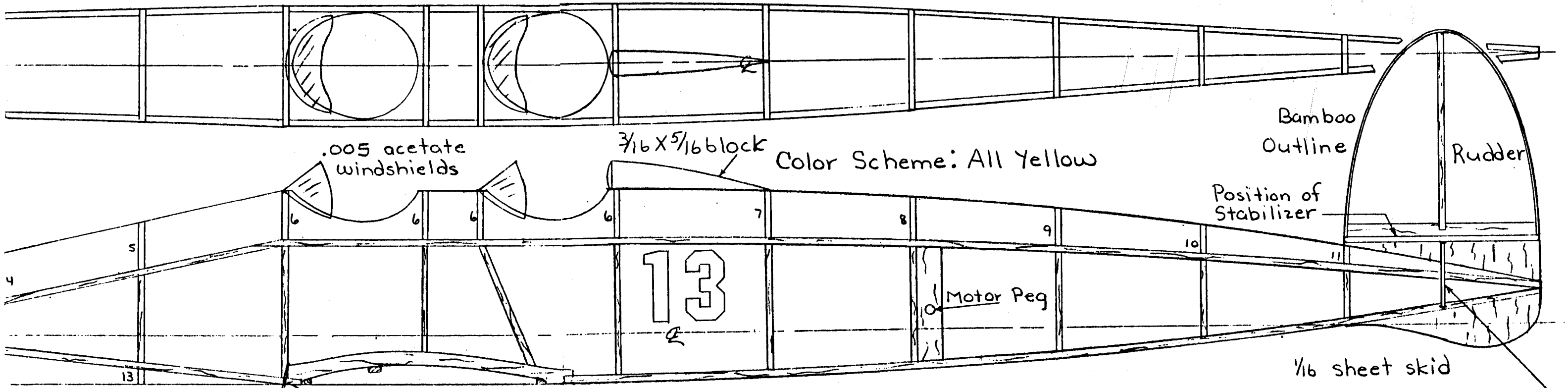
PLAN OR TOP VIEW - SECOND STEP.

COLOR SCHEME TOP AND SIDES - KHAKI. BOTTOM - WHITE.

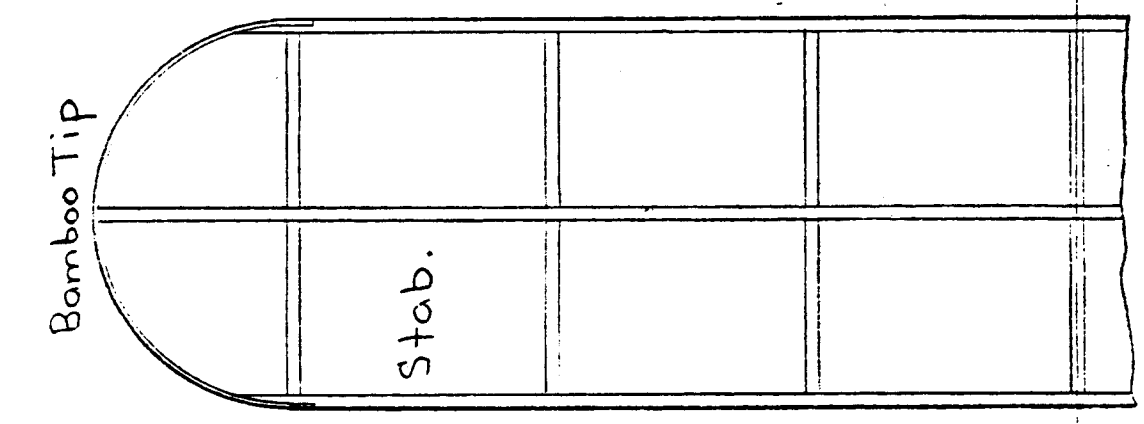
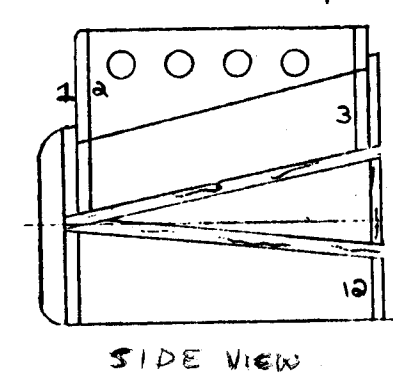
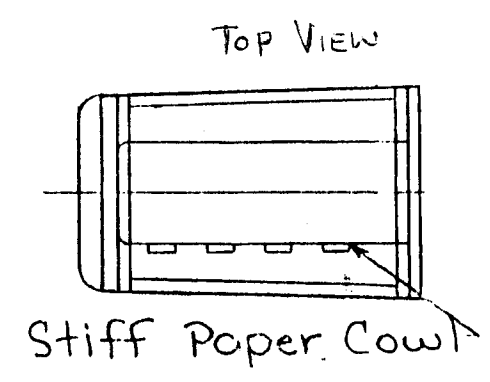


FRONT VIEW

SPAD THE MOST FAMOUS FRENCH WORLD WAR PLANE

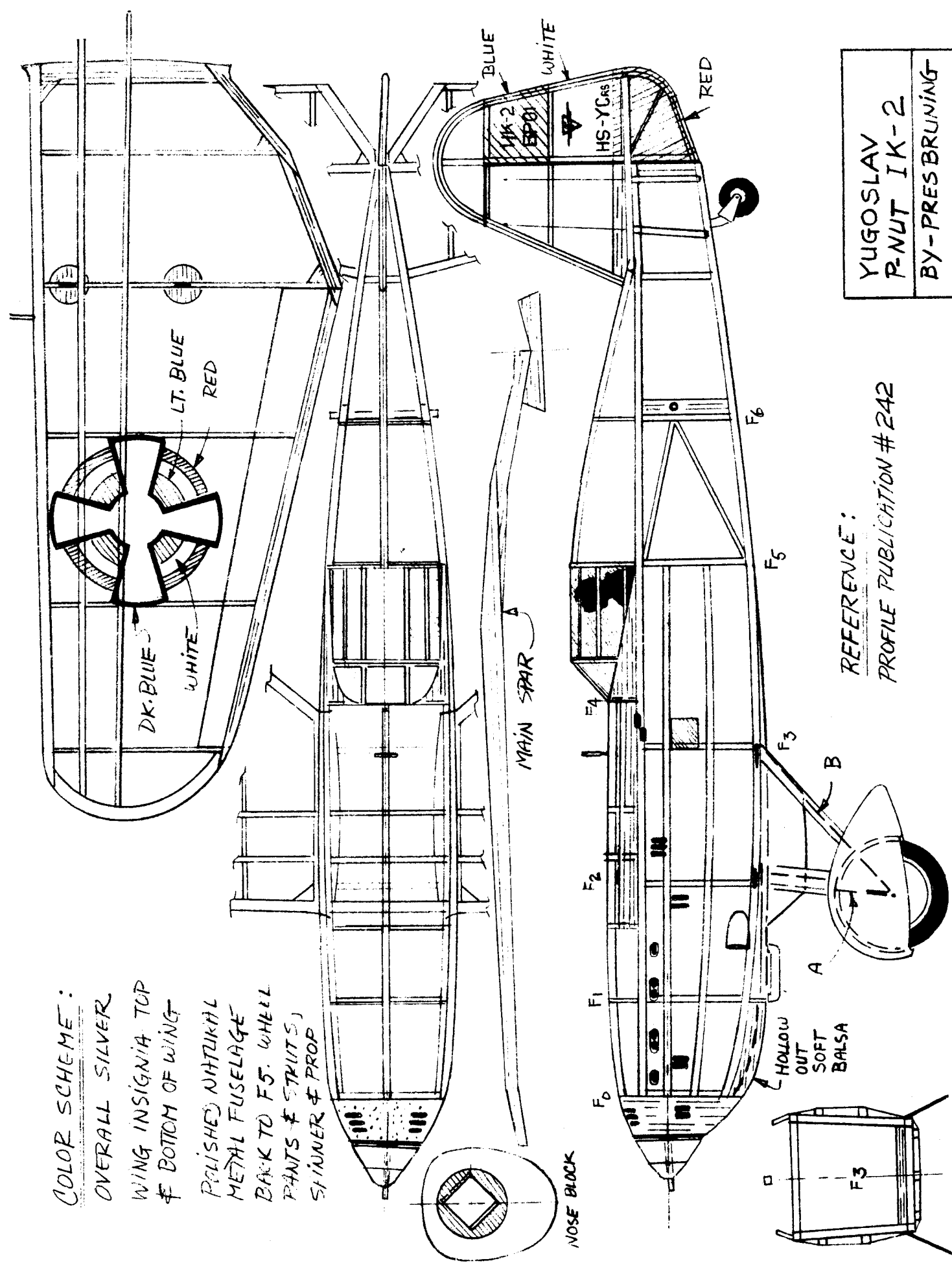
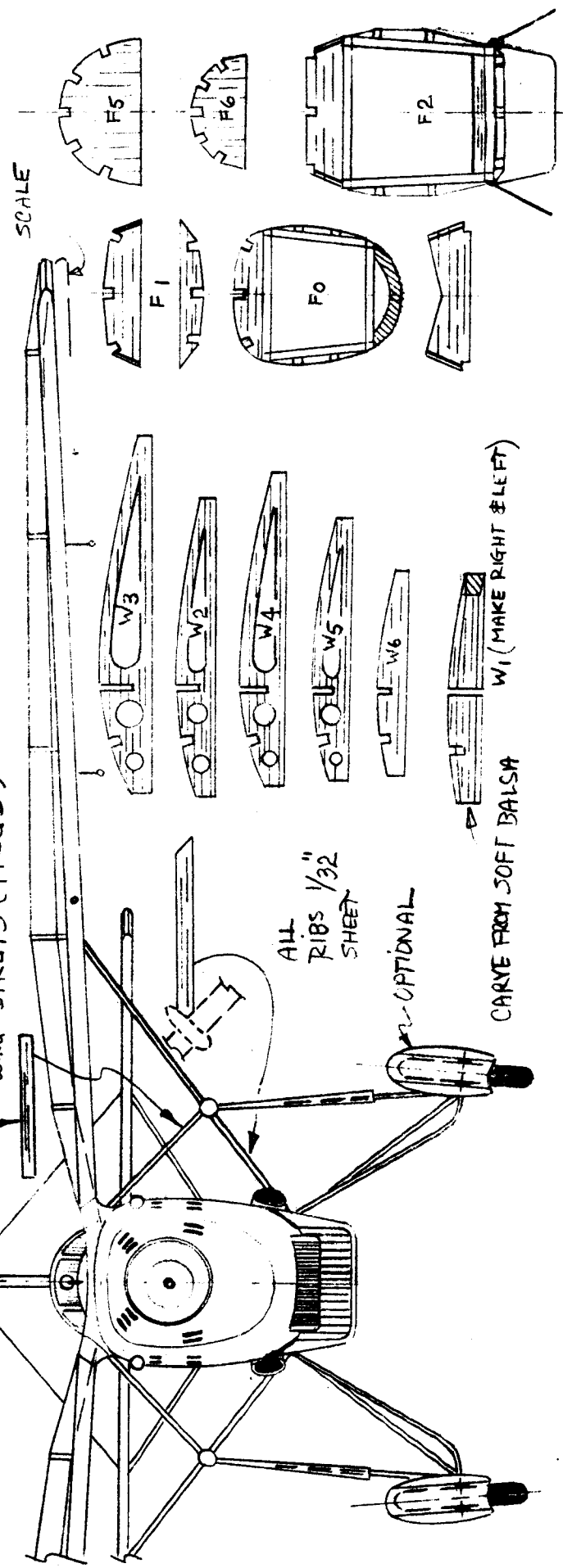
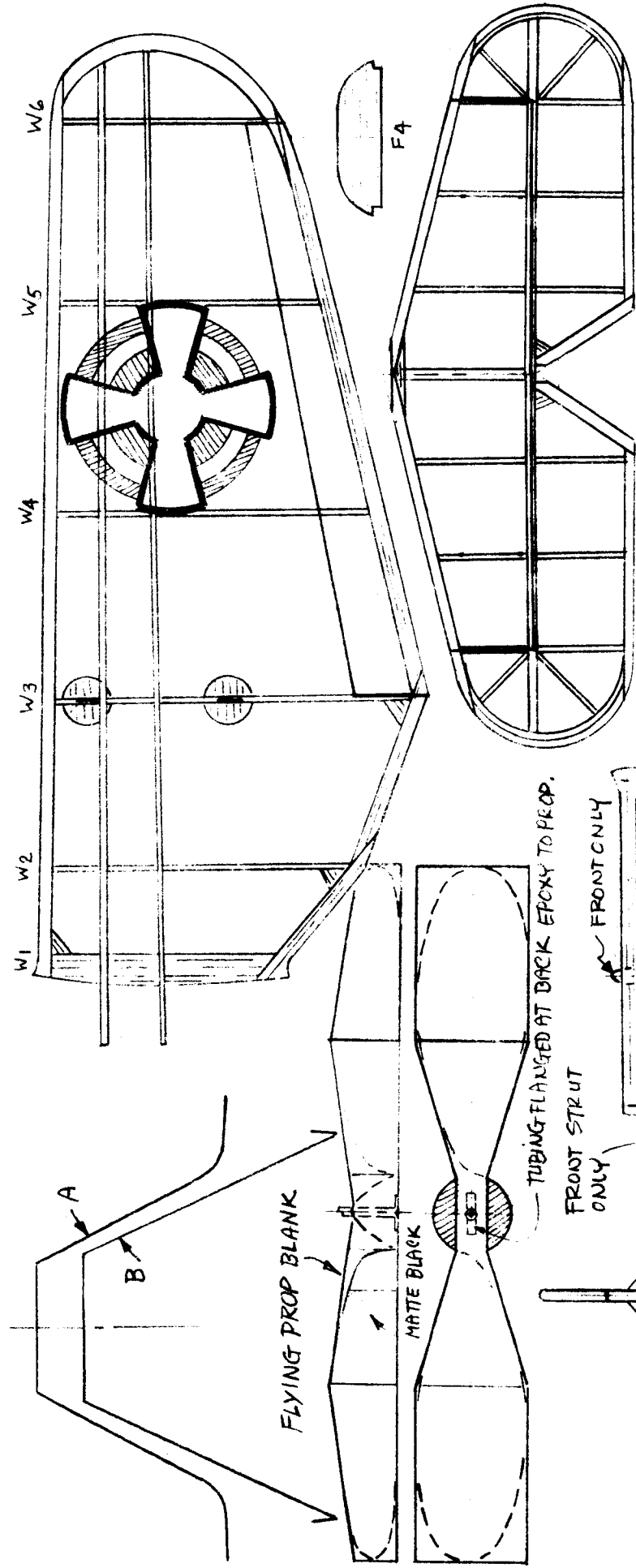


Prop. Block,  $\frac{1}{2} \times \frac{3}{4} \times 8$   
 $\frac{1}{8}$  Dowel  
 Exhaust Pipes



THE FLYING ACES  
 TRACTABLE TRAINER  
 lettered Chel  
 by: Whiteley





**COLOR SCHEME:**  
 OVERALL SILVER  
 WING INSIGNIA TOP & BOTTOM OF WING  
 POLISHED NATURAL METAL FUSELAGE  
 BARK TO F5. WHEEL PANTS & STRUTS, SKINNER & PROP

YUGOSLAV  
 P-NUT IK-2  
 BY-PRES BRUNING