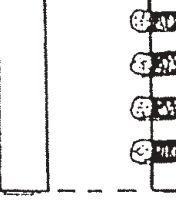


NOTE 1/4x1/8

CYLINDERS FROM ROUNDED PAPER PILOT



BALANCE POINT

NOTE ALL FRAMES: 1/16" SQ

WING POSITION

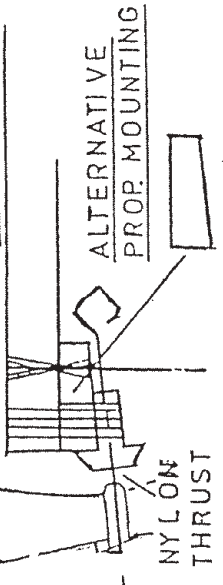
BIND AND CEMENT U/C

16

FUSELAGE 1/4" X 1/8"

FROM 1/8" SHT

USE "PACIFIC SKEETER" 4.1/8" PROP ASSEMBLY



ALTERNATIVE PROP MOUNTING

NYLON THRUST BEARING

NOTE DOWN THRUST

USE 1/4.1/8" DIAM. PROP



WHEELS 3/32" SHT PAPER DISCS EITHER SIDE

ELEC. TUBING

U/C .018 / MUSIC WIRE

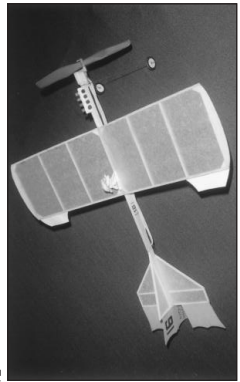


PAPER WING TRIM TABS 2 OFF

4 OFF

GUSSETS 1/16 SHT

COVER ALL FRAMES ON ONE SIDE DO NOT WATER SHRINK OR DOPE



WING FRAME. 2 OFF

POWER 7" LOOP 1/16" RUBBER LUBRICATE WELL

SOFT 1/32" SHT



16

NOTE USE MEDIUM GRADE Balsa

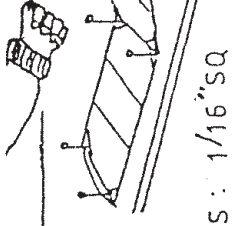
SKID 1/16" SQ

TAILPLANE

REAR HOOK

BIND AND CEMENT

ALL FRAMES: 1/16" SQ



WING DIHEDRAL DETAIL

TAILPLANE

ELEVATOR C

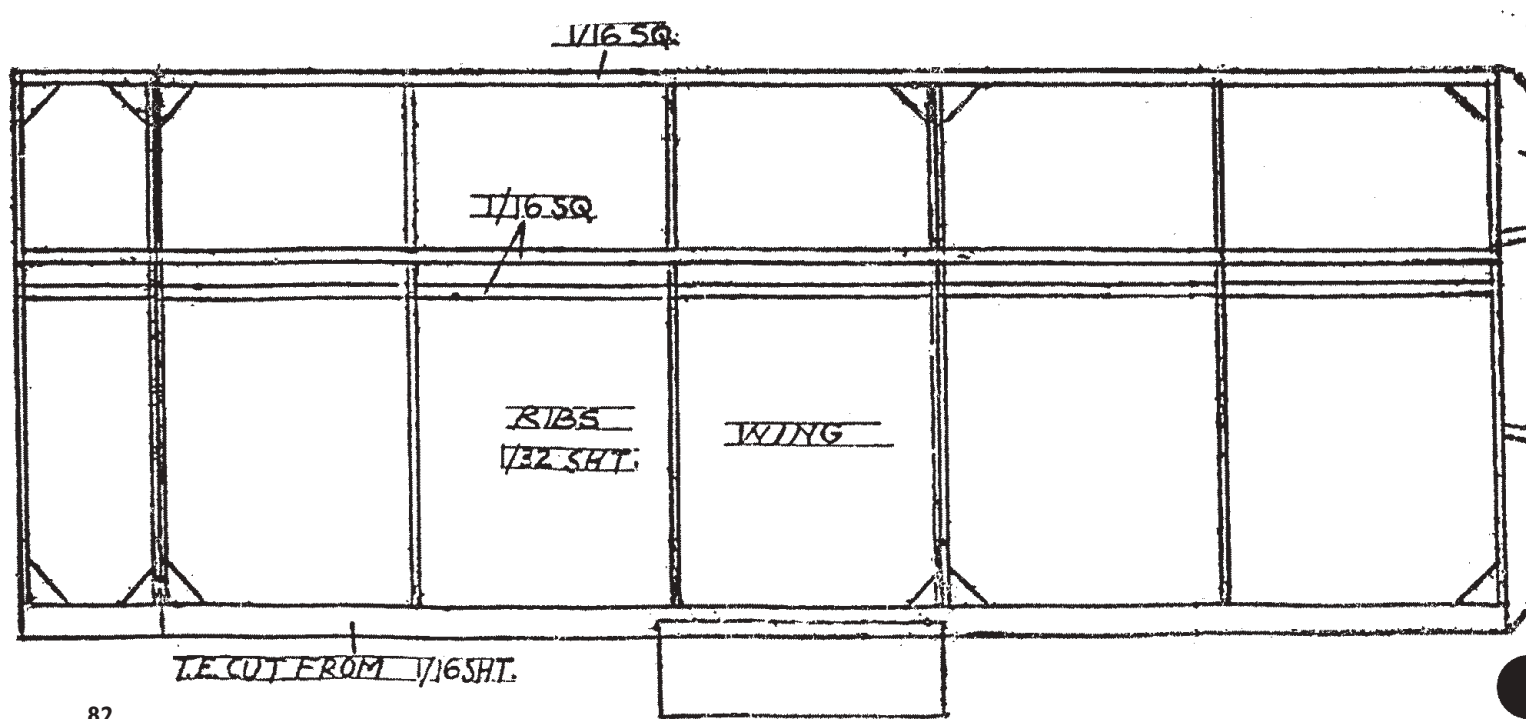
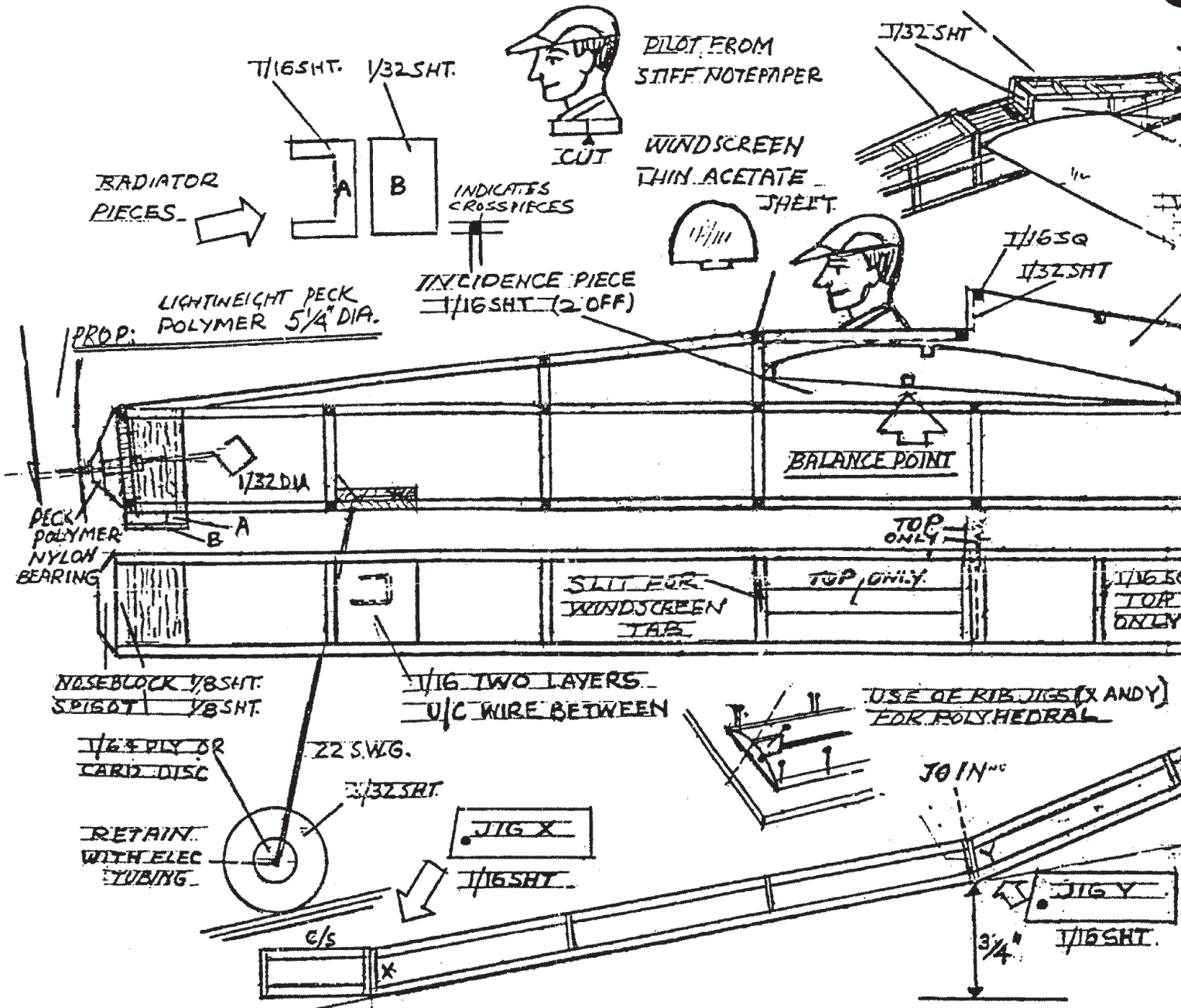
ELEVATOR B

SOFT 1/32" SHT

ELEVATORS

FOR THE BEST FLIGHTS BUILD LIGHT

RM.1985.



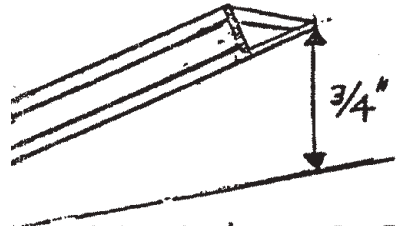
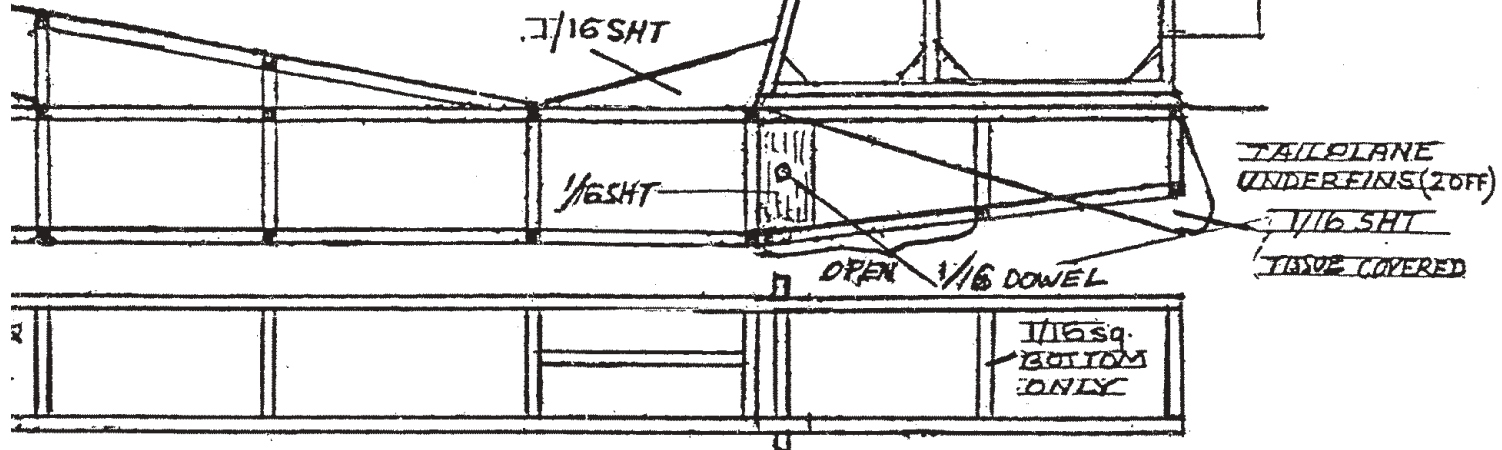


1/16 SHT. PIECES (2 OFF) FIT AFTER WING HAS BEEN FITTED TO FUSELAGE

FIN AND TAILPLANE FRAMES FROM 1/16 SQ ALL GUSSETS 1/16 SHT.

COVER WITH LIGHTWEIGHT TISSUE. WATER SHRINK AND DOPE. DOPE IS THINNED 40/60 DOPE-THINNERS.

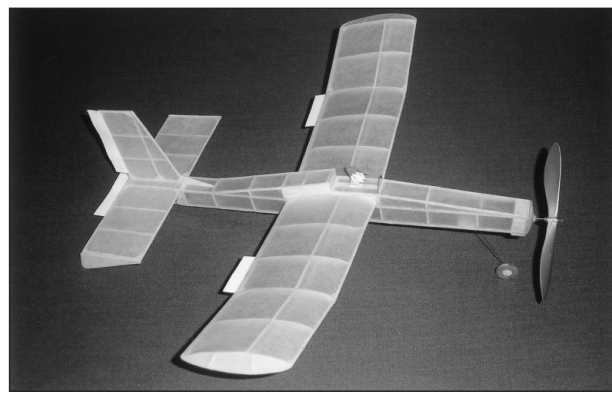
ALL TRIM TABS FROM POSTCARD



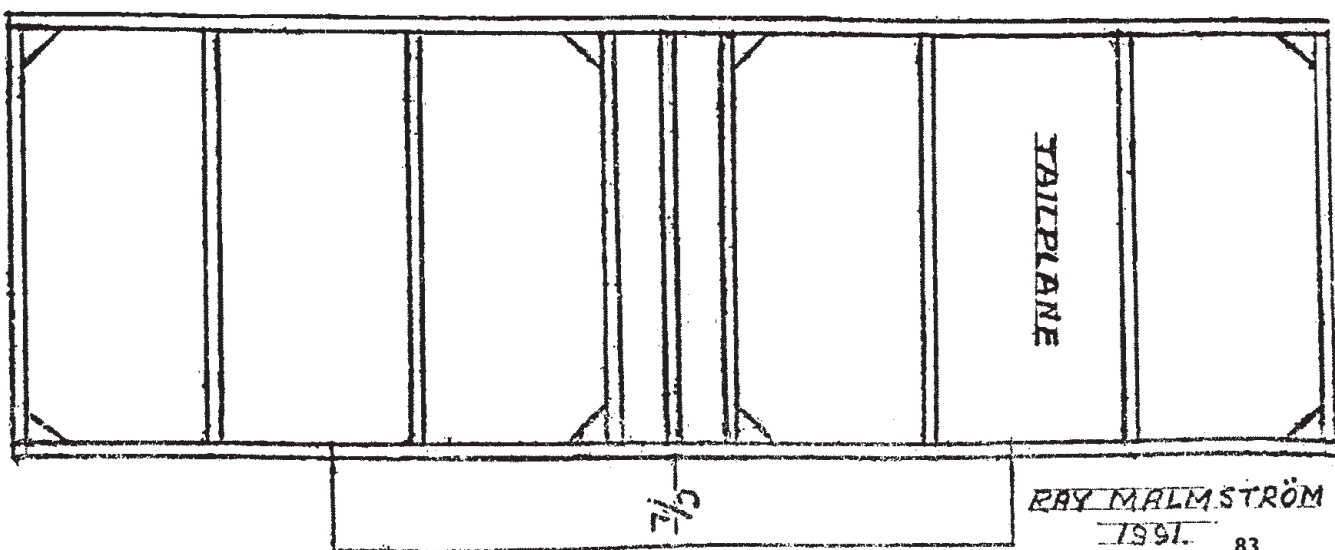
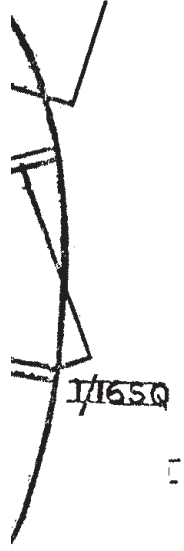
VIKING
INDOOR RUBBER POWERED MODEL.

POWER
(INDOORS)
14" LOOP OF 3/32" RUBBER STRIP.

N.B. IF "VIKING" IS FLOWN OUTDOORS THE WING TRIM-TABS CAN BE OMITTED.



WING TIP 1/32 SHT



RAY MALMSTRÖM
1991

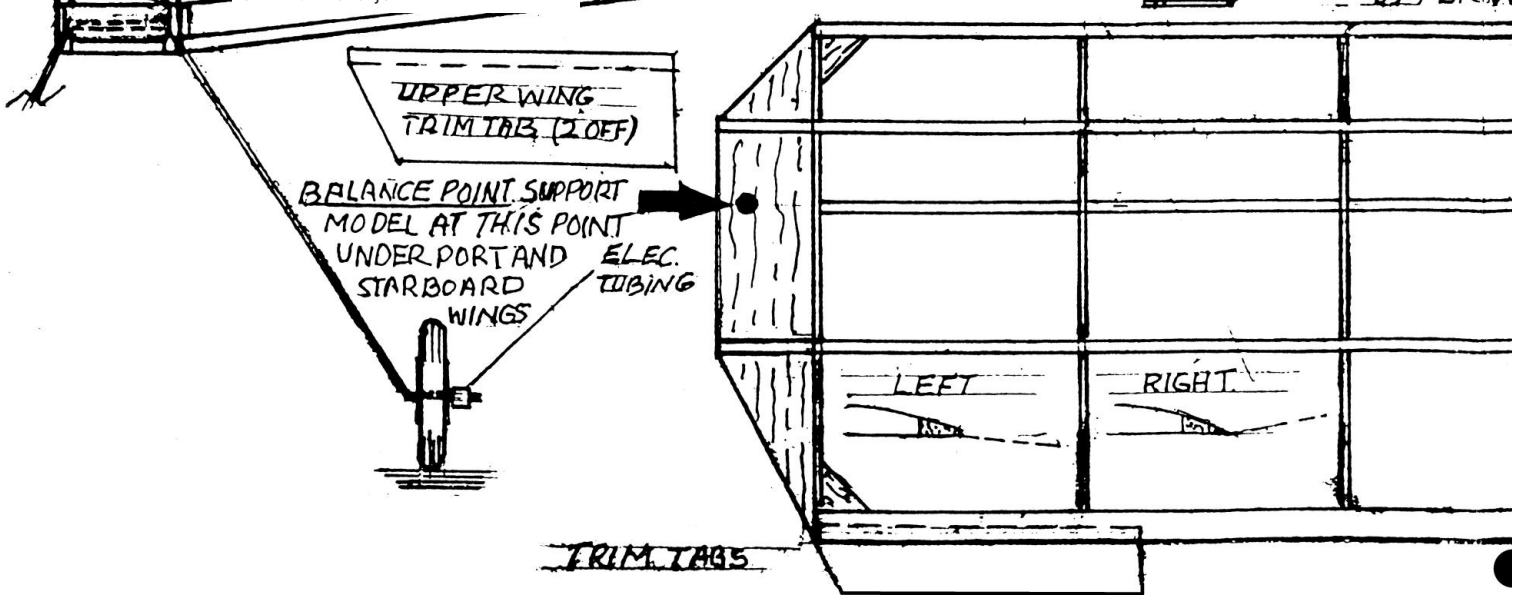
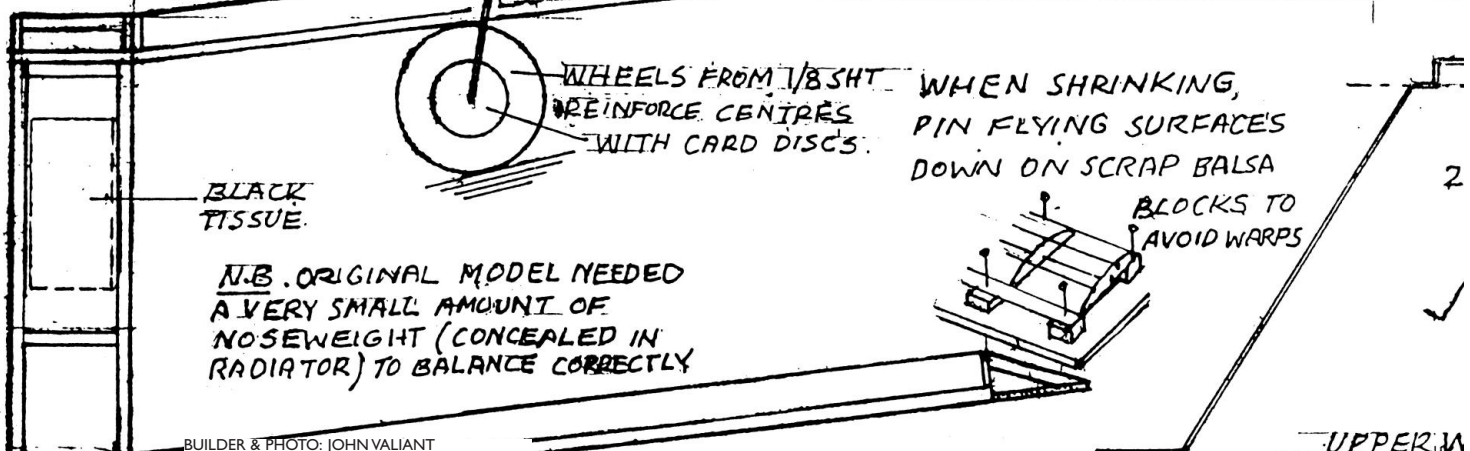
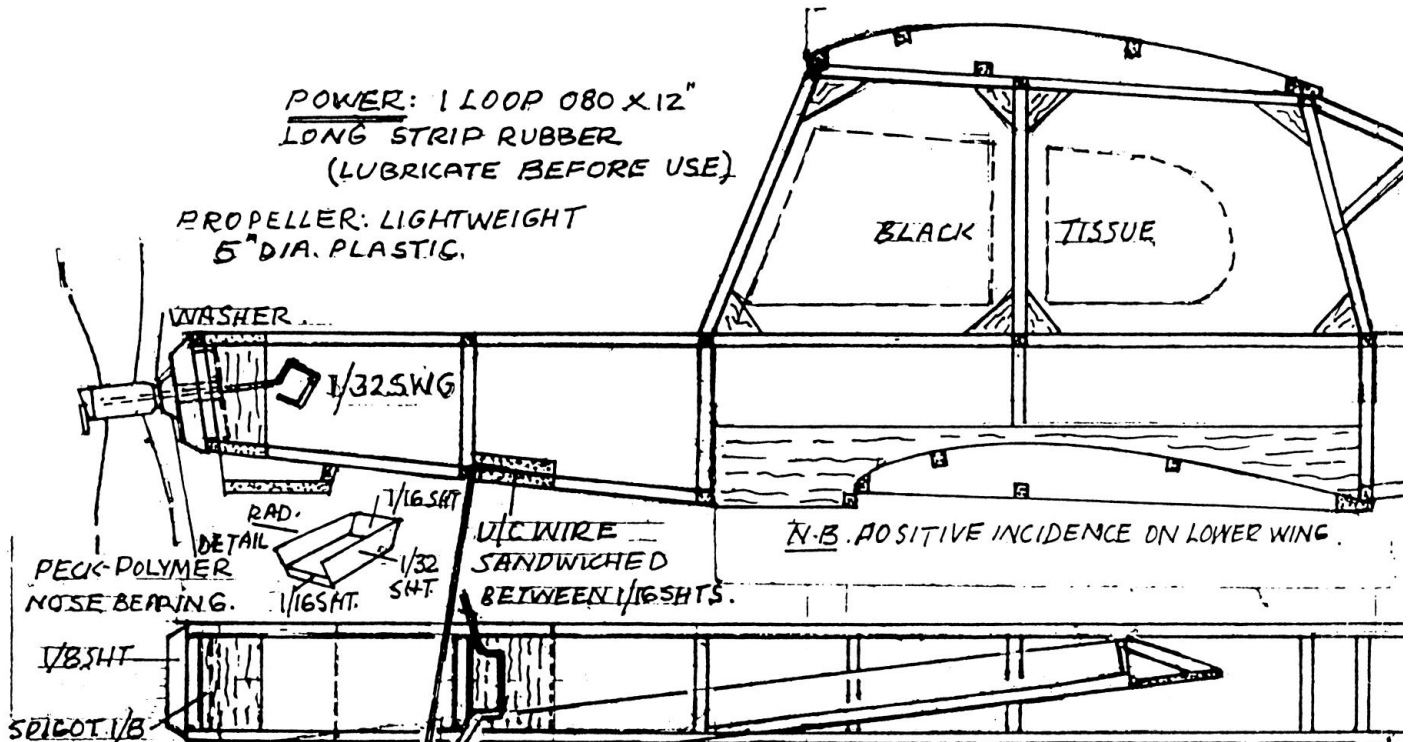
THE WREN

SPAN: $12\frac{1}{2}$ " LENGTH: $11\frac{1}{2}$ "

COVER WITH LIGHTWEIGHT
TISSUE. WATER SHRINK
THEN DOPE WITH 40/60 DOPE/THINNERS.

POWER: 1 LOOP 080 X 12"
LONG STRIP RUBBER
(LUBRICATE BEFORE USE)

PROPELLER: LIGHTWEIGHT
5" DIA. PLASTIC.



FIN
BALANCING.

INSTALL BALANCE MOTOR
BETWEEN DRIVE SHAFT AND
DOWEL, WITH NO SLACK. WHEN
BALANCED, REMOVE AND INSTALL
FLIGHT MOTOR.

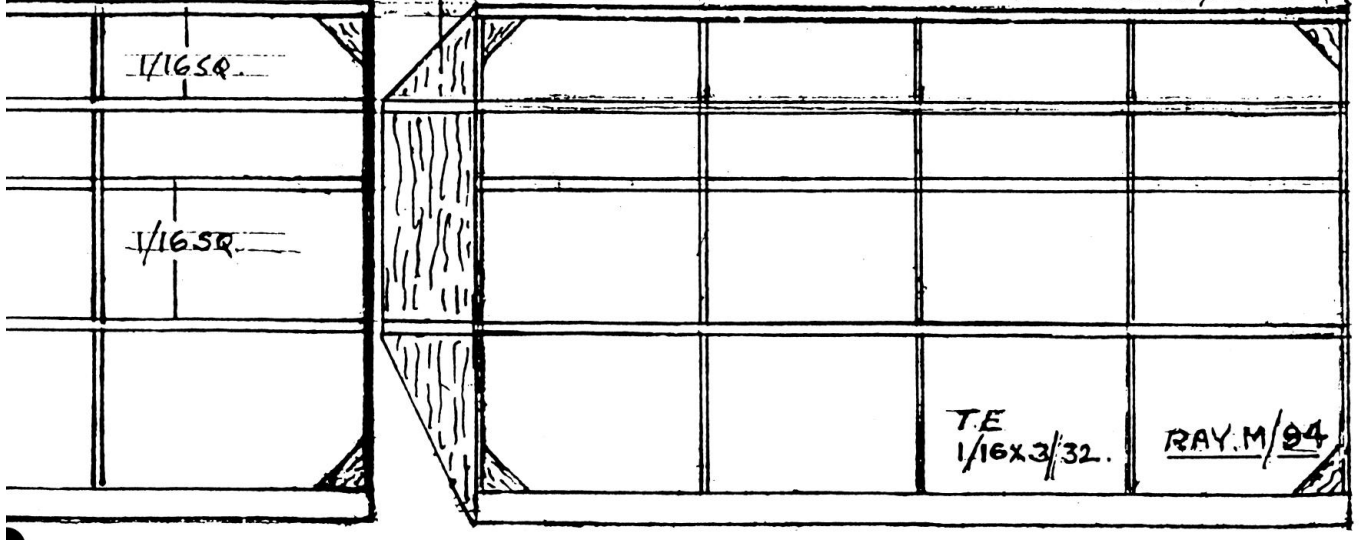
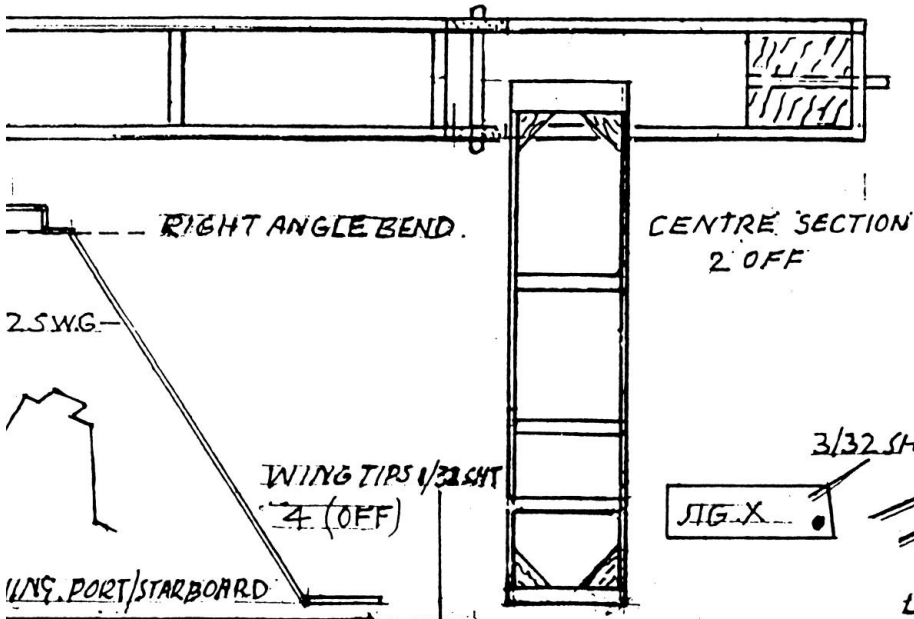
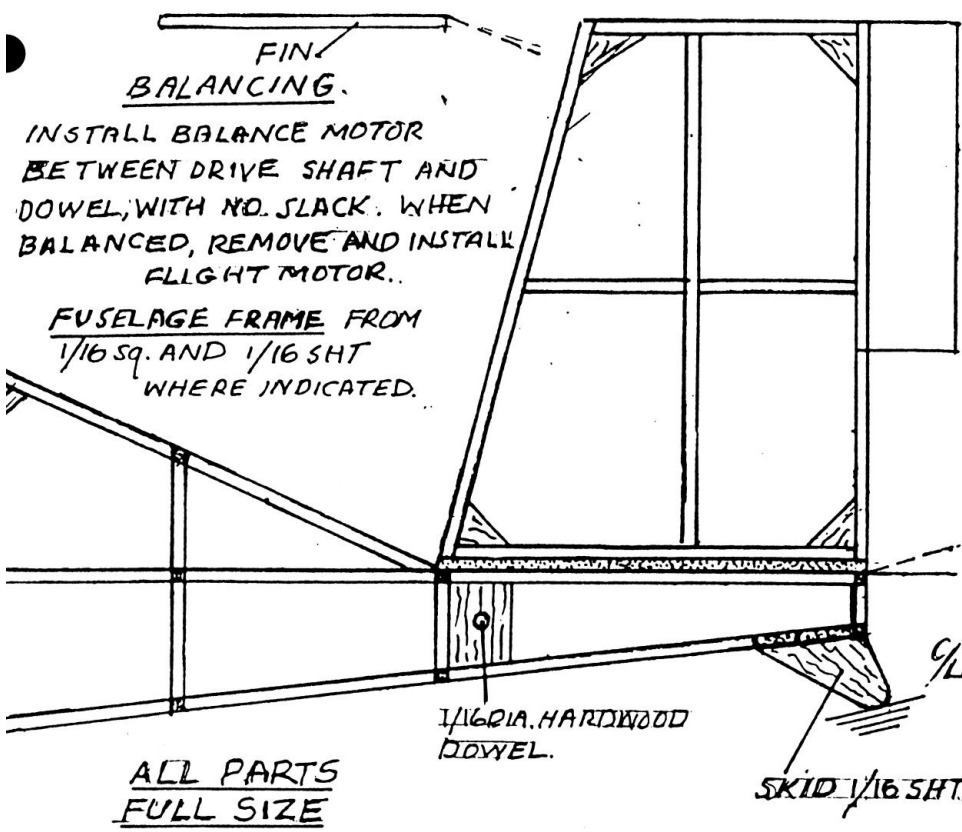
FUSELAGE FRAME FROM
1/16 SQ. AND 1/16 SHT
WHERE INDICATED.

FIN AND TAILPLANE FRAMES 1/16sq.

TRIM SUGGESTION:
EACH MODEL WILL NEED
INDIVIDUAL TRIMMING,
BUT FOR FIRST TESTS THE

TRIM USED ON THE
ORIGINAL IS SHOWN BY
LINES----AND MAY BE
USEFUL FOR FIRST TEST
FLIGHTS. LEFT HAND CIRCLE

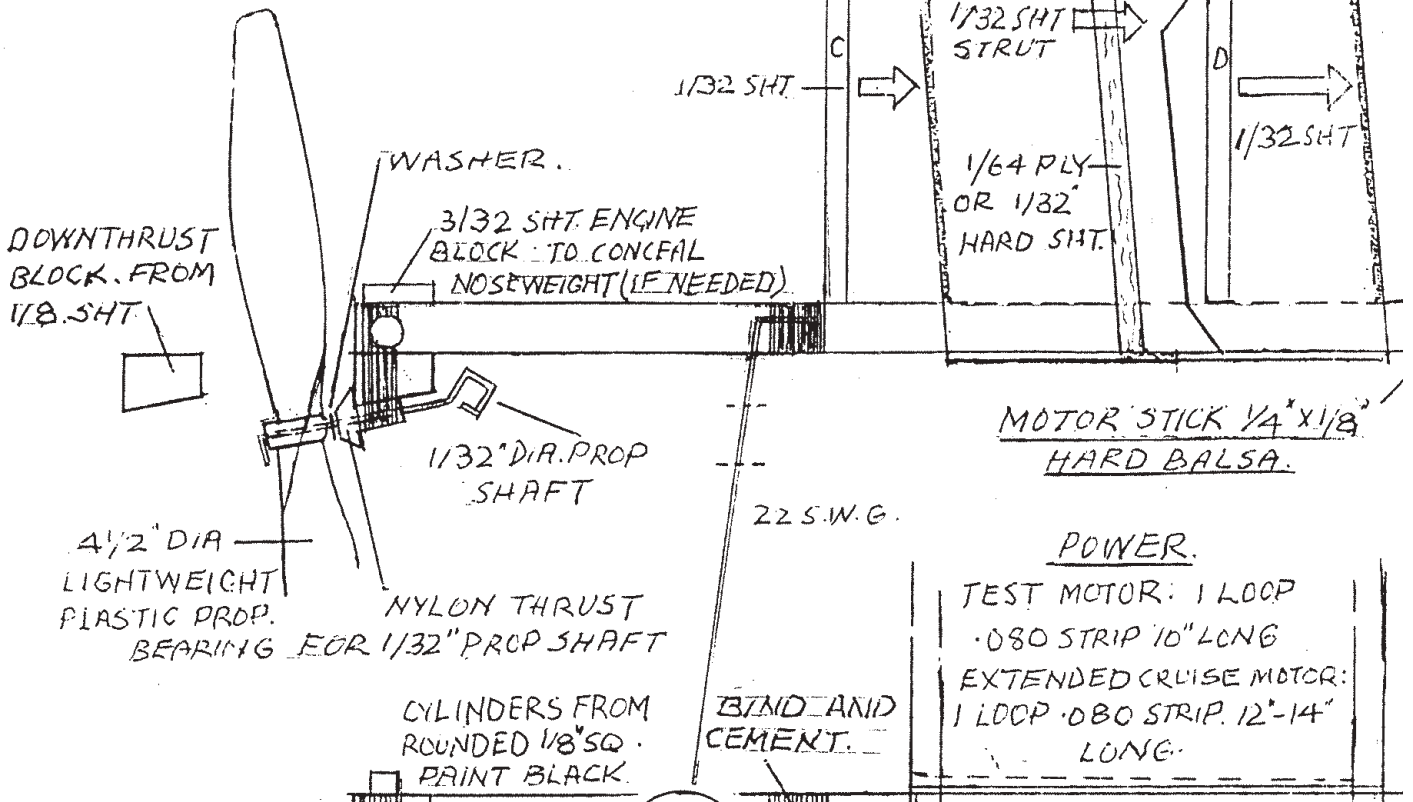
ALL TRIM TABS
FROM POSTCARD



ALL PARTS FULL SIZE.

BALANCE POINT. WITH PIN AND THREAD
SUSPEND MODEL FROM

THIS POINT.
WITH MOTOR INST.



TRIM SUGGESTION:

FOR FIRST FLIGHTS (LEFT CIRCLE)
PROTOTYPE WAS TRIMMED AS
FOLLOWS: MODEL VIEWED FROM REAR.
LEFT WING TAB DOWN 3/32". RIGHT. UP 3/32"
FIN TAB 3/32 TO LEFT. TAILPLANE TAB. UP 3/32"

STRIP OF TISSUE OVER
TOP WING JOIN.

USE AS FOR
UPPER
WING

PIN OR
SPOT CEMENT
3/32 SHT TO ASSIST
CORRECT
ALIGNMENT OF
UPPER WING.

BLACK TISSUE.

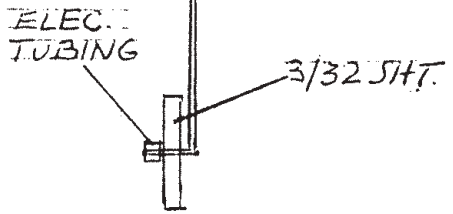
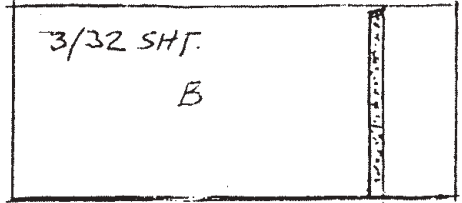
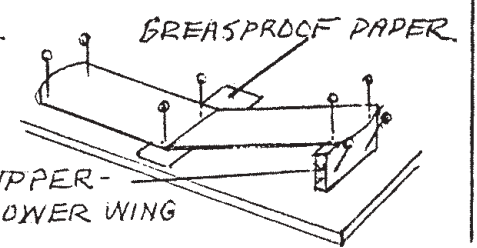
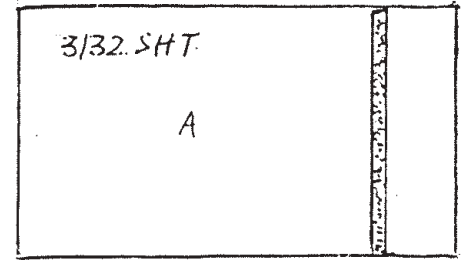
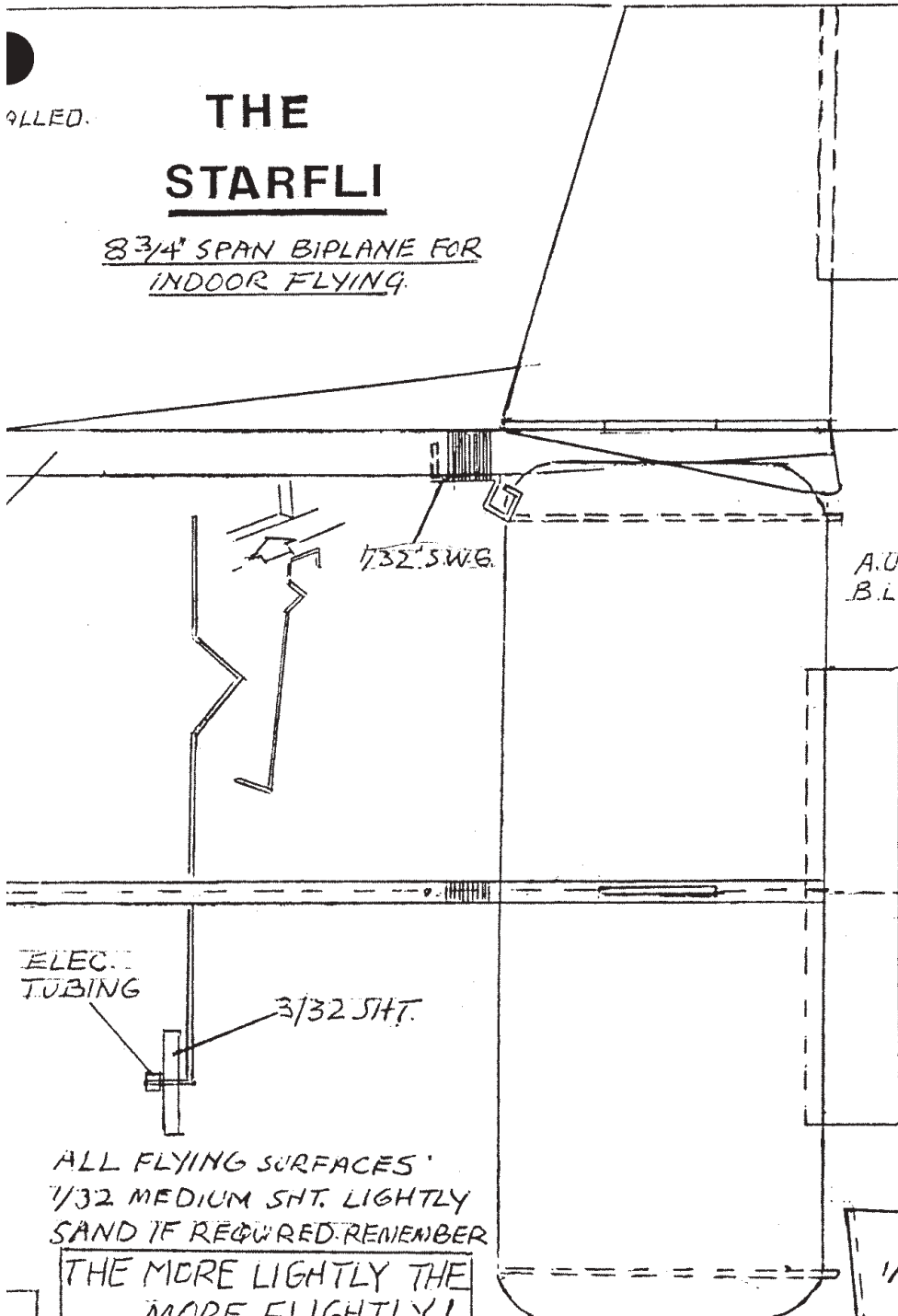
LOWER
SLOT
UPPER
SLOT

ASSEMBLE WING STRUTS
AFTER WINGS HAVE
BEEN ASSEMBLED TO
FUSELAGE.

ALLED.

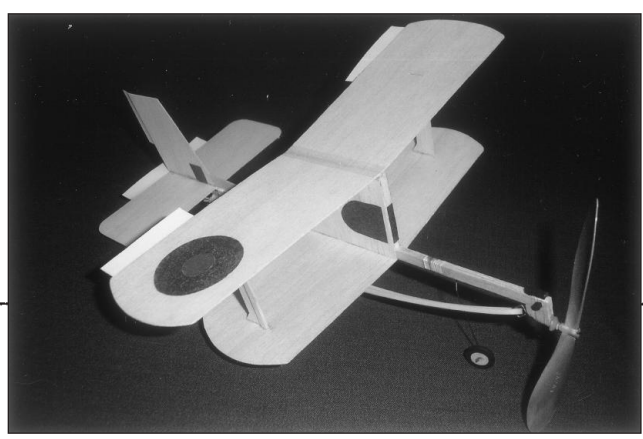
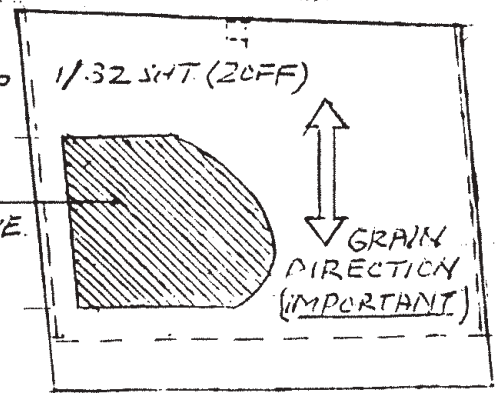
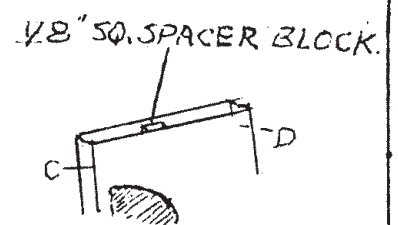
THE STARFLI

8 3/4" SPAN BIPLANE FOR INDOOR FLYING.



ALL FLYING SURFACES 1/32 MEDIUM SHT. LIGHTLY SAND IF REQUIRED. REMEMBER THE MORE LIGHTLY THE MORE FLIGHTLY!

TRIM TAB (TOP WING ONLY)
ALL TRIM TABS FROM STIFF NOTE PAPER



RAY MALMSTRÖM '95.

SPACE-ACE

DESIGNED BY RAY MALMSTRÖM

A LIGHT WEIGHT
MODEL FOR
INDOOR FLYING

