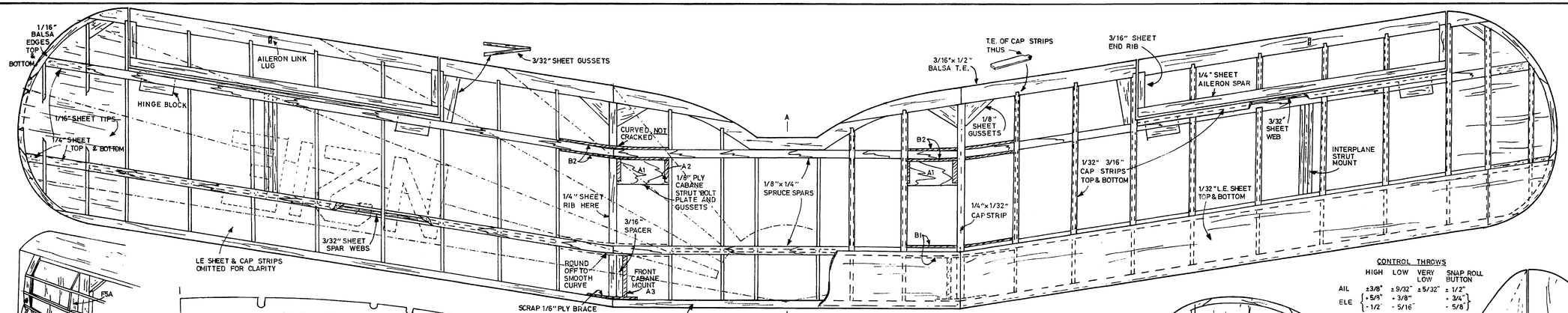


ALL WING RIBS IDENTICAL EXCEPT AT TIPS

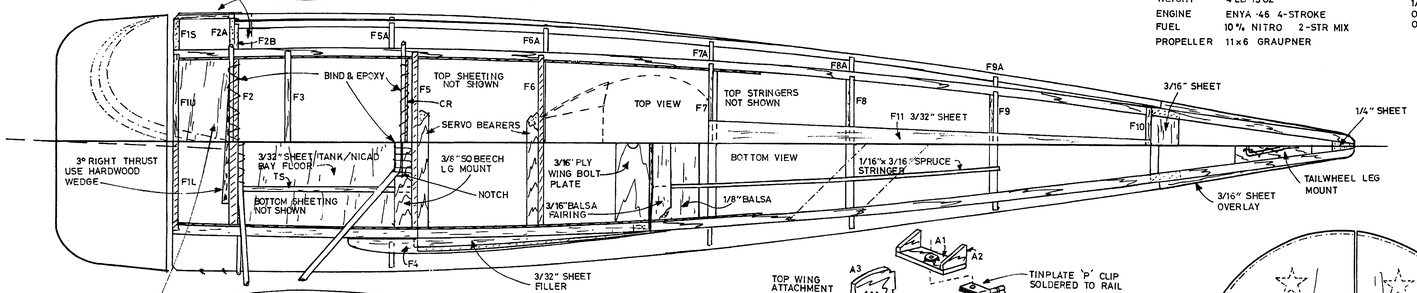
3/32" SHEET BALSA UNLESS NOTED OTHERWISE

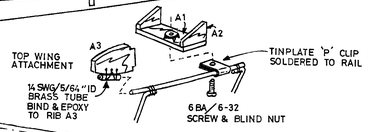
MODEL PROTOTYPE

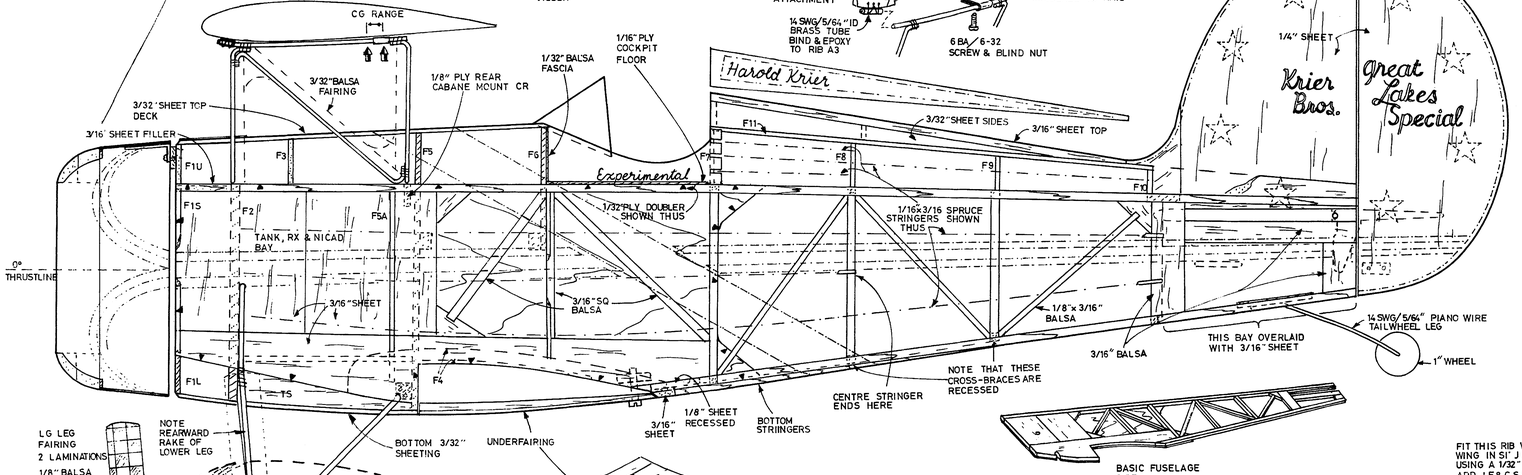
WEIGHT	4 LB 15 OZ
ENGINE	ENYA .46 4-STROKE
FUEL	10 % NITRO 2-STR MIX
PROPELLER	11x6 GRAUPNER

CONTROL THROWS

	HIGH	LOW	VERY LOW	SNAP ROLL BUTTON
AIL	±3/8"	±9/32"	±5/32"	± 1/2"
ELE	+ 5/8"	+ 3/8"		+ 3/4"
	- 1/2"	- 5/16"		- 5/8"
RUD	±1-5/8"	±1"		±2"

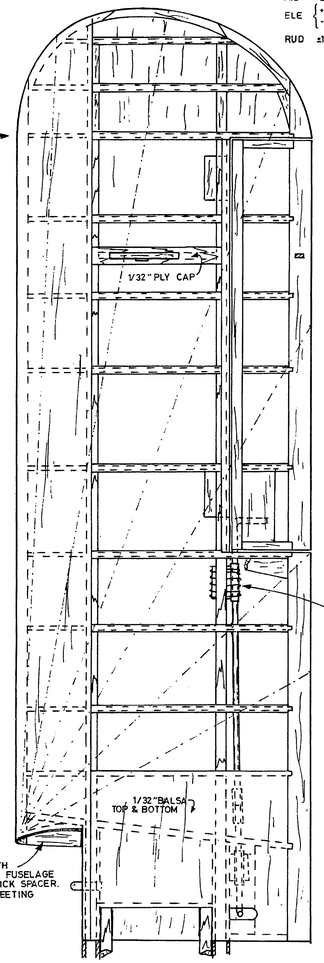




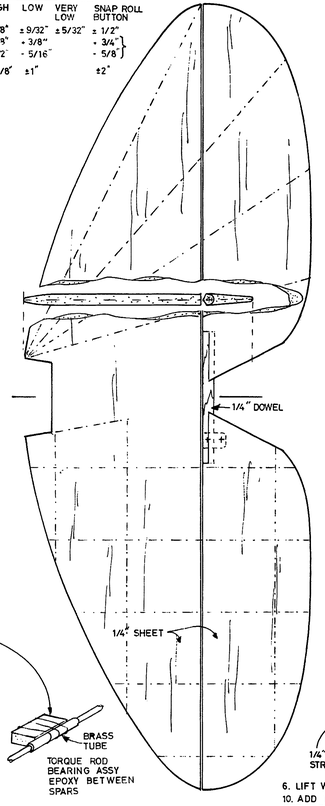


BASIC FUSELAGE SIDE
LONGERONS 3/16" SQ SPRUCE
UPRIGHTS & CROSSBRACES 3/16" SQ BALSA

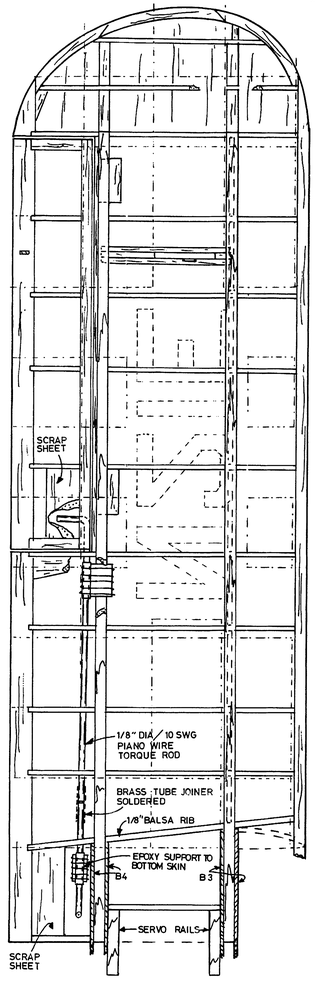
1/2" DIHEDRAL WITH OTHER PANEL FLAT ON BOARD



FIT THIS RIB WITH WING IN SITU ON FUSELAGE USING A 1/32" THICK SPACER. ADD LE & C S SHEETING AFTERWARDS

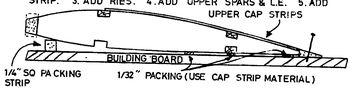


LOWER WING STRUCTURE BASICALLY SAME AS UPPER



WING ASSEMBLY SEQUENCE

1. PIN DOWN T.E. 2. SUPPORT LOWER REAR SPAR ON 1/32" STRIP. 3. ADD RIBS. 4. ADD UPPER SPARS & L.E. 5. ADD UPPER CAP STRIPS



6. LIFT WING. 7. ADD SPAR WEBS. 8. ADD REMAINING SPAR. 9. JOIN WINGS. 10. ADD TIPS, FIXING PIECES, L.E. SHEET, REMAINING CAP STRIPS. 11. CUT OUT & FINISH AILERONS ..... ETC.

ENTIRE AIRCRAFT WHITE

ALL MARKINGS POST-OFFICE RED

ORIGINAL MODEL COVERED & TRIMMED IN SOLARFILM
COWL & WHEEL PANTS PAINTED USING HUMBROL ENAMELS FOR A CLOSE MATCH

FOR SCALE DETAIL OBTAIN ASP PLAN PACK 2748 FROM ASP PLANS SERVICE (U.K) OR FROM BOB HOLMAN PLANS (U.S.A.)

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HAROLD KRIER'S GREAT LAKES SPECIAL

DESIGNED AND DRAWN BY — GORDON E. WHITEHEAD

SHEET 1 OF 2

F5 1/8" PLY

F5A 3/32" BALSA

F4

SERVO RAIL POS'N

F6 1/8" PLY

F6A

F7 3/32" BALSA

F7A

1/8" PLY COWL MOUNTING PADS

F1U

3/32" BALSA

F1S

F1S

F1L 1/8" PLY.

F3 3/32" BALSA

CR

1/8" PLY

1/8" PLY TAILWHEEL LEG MOUNT

BRASS TUBE CYANOED IN PLACE

6BA/6-32

1/32" PLY CAP

SOLDER NUT TO LUG

LUG GLUED IN SLOT

THIN BRASS OR TINPLATE

INTERPLANE STRUT AND MOUNTING RIBS 1/8" BALSA

F2 3/16" PLY

F2B

F2A

ANGLED ENGINE MOUNT DISPLACED FROM C/L DUE TO SIDETHRUST

F11

F8

F8A

F9

F9A

F10

1/16" x 1/8" BALSA EDGING STRIP - SAND TO SECTION IN SITU

F4 3/32" BALSA NOTE CHAMFERS

GUSSET

A3

A2

PLANE THRUST WEDGE UP FROM 1/8" PLY

3/16" BALSA FUSELAGE STERN BAY SHEET

ACETATE SCREEN

TIP RIBS

TS 3/32" BALSA

MAIN RIB 3/32" SHEET

B1

1/16" PLY

B2

B3

1/16" PLY

B4

1/16" PAXOLIN LUG

CABANE WIRES 14 SWG/5/64"

REAR

FRONT

ALL WIRES BOUND & EPOXIED TO SECURE IN PLACE.

L.G. WIRES

12 SWG/3/32"

10 SWG/1/8"

BIND WITH FUSE WIRE THEN SOFT SOLDER

TYPICAL X-SECTIONS

SECTION

18 SWG/3/64" PIANO WIRE AILERON LINK

20 SWG/.035" BRASS OR MILD STEEL LUG SOFT SOLDERED IN PLACE ON AXLE

COLLET EPOXIED

LUG

WASHERS

WHEEL PANT FROM BALSA & 1/8" PLY SKINNED WITH GLASS/EPOXY (1/2 OZ GLASS)

NOSERING SEGMENTS

COWLING CONSTRUCTION

1. SCRAP BALSA JIG
2. ADD THIN CARD, AND EPOXY/GLASS THE EXTERNAL SURFACE, THEN REMOVE JIG.
3. ADD PLY & BALSA NOSERINGS
4. SHAPE, GLASS & EPOXY NOSERING. THEN GLASS-EPOXY INSIDE SURFACE. (1/2 OZ GLASS)
5. EPOXY ALUMN LUGS IN PLACE

OPPOSING BENDS RETAIN LINKS

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0 1 2 3 4 5 6

SHEET 2 OF 2