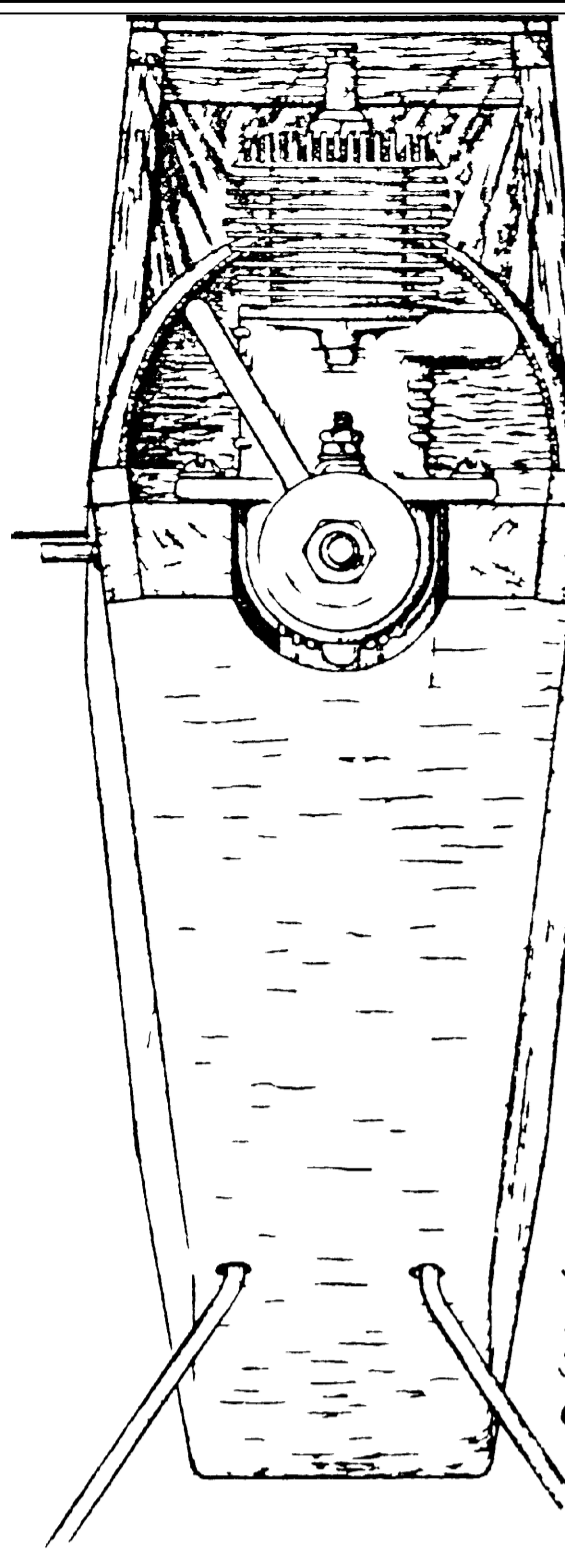


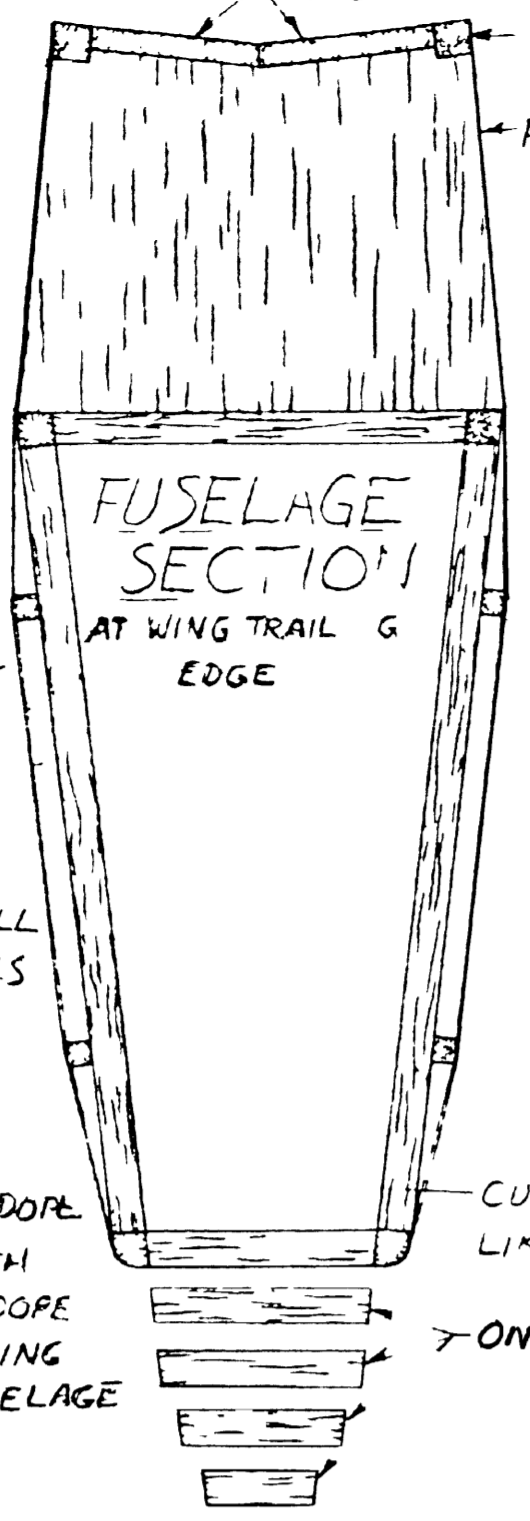
FUSELAGE FRONT VIEW

MOTOR MOUNTS HAR WOOD OF TYPICAL SECTION SHOWN 2 5/8" LONG ENGINE WITH MOUNTS ATTACHED BECOMES A DETACHABLE POWER UNIT SO THAT 3 DIFFERENT DISPLACEMENT ENGINES CAN BE USED IN SAME MODEL TWO 1/8" DOWELS OR PINS AND TWO WOOD OR SHEET METAL SCREWS THRU BEARERS RETAIN UNIT IN AIRCRAFT FIRST FLIGHTS SHOULD BE MADE WITHOUT REAR DOWELS IN PLACE SO THAT IDEAL DOWNTHRUST CAN BE FOUND - THEN DRILL THE MOUNTS FOR THE DOWELS BANTAM 19 SHOWN

FUSELAGE SILK COVERED - 3 TO 6 COATS CLEAR & 2 COLORED DOPE. FLYING SURFACES COVERED WITH SILKSPAN 3 COATS OF CLEAR DOPE COLOR DOPE ST - GA CP FAIRING ON TAIL ASSEM TO MATCH FUSELAGE

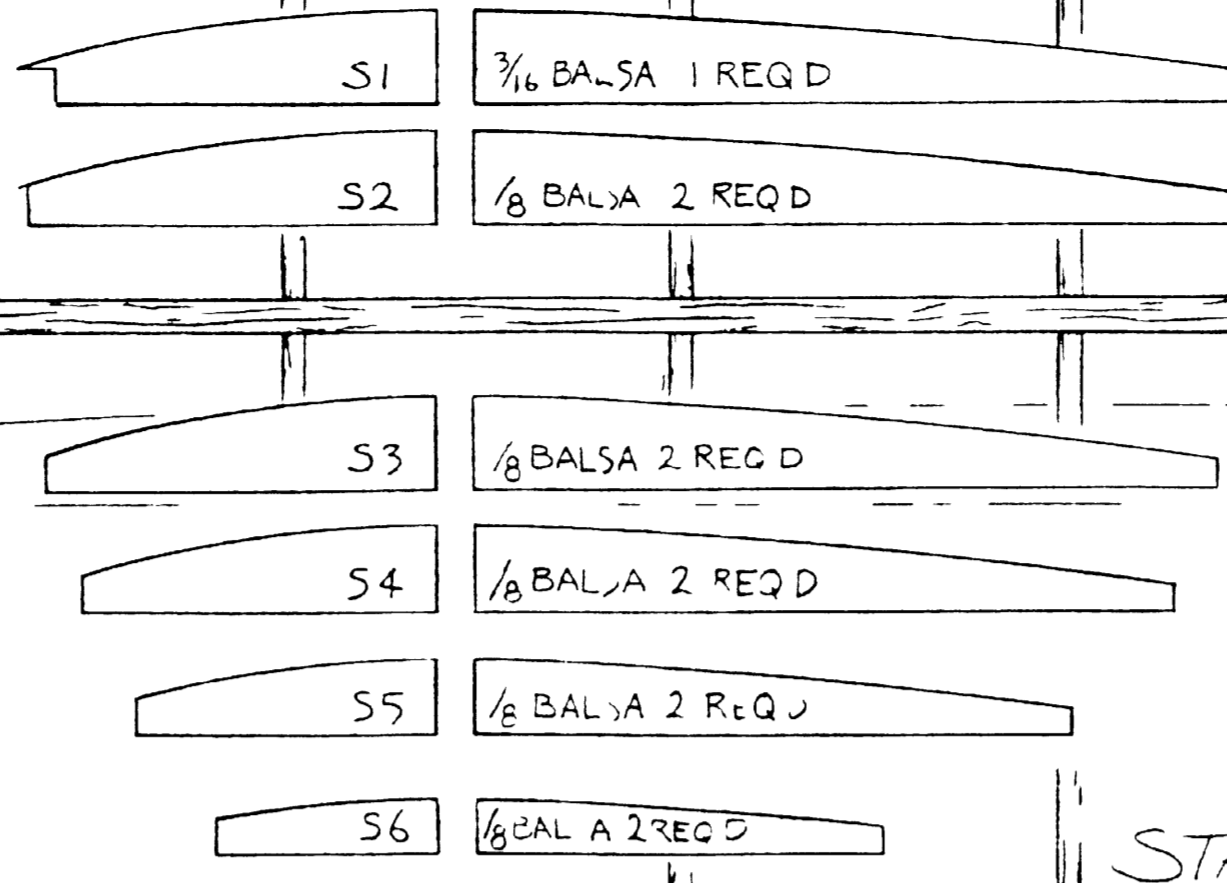


FUSELAGE SECTION 1
AT WING TRAIL G EDGE



CUT FOUR CROSS MEMBERS LIKE THIS AND ONE EACH OF THESE FROM 3/16" SQ HARD BALS

TAIL ASSEMBLY - CEMENT COVERED TO COVERED STABILIZER ON TOP OF RIB S1 - FIT F 11 & TUFF PAPER FAIRING WITH TAL ASSY IN PLACE ON FUSELAGE

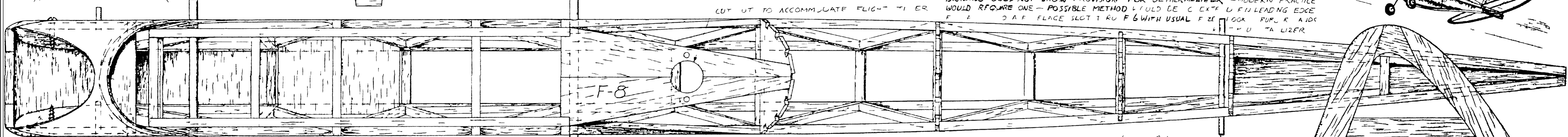
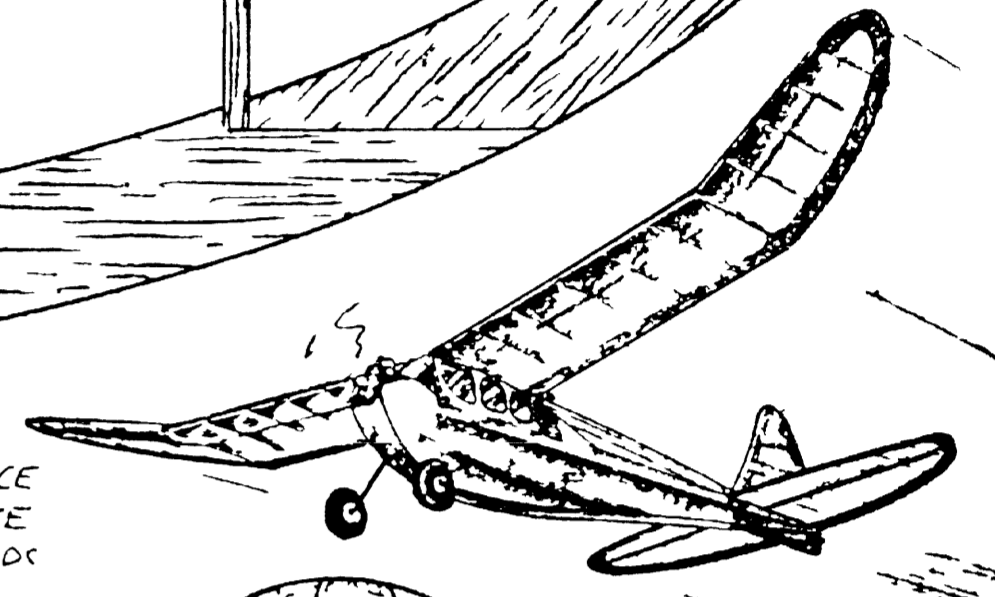


STABILIZER PLAN

3/16" SQ Balsa LEADING EDGE SAND TO SHAPE AFTER ASSEMBLY

STABILIZER SPAR TRIM 1/16" x 1/2" Balsa TO PROFILE SHOWN

TRAILING EDGE 3/16" SHEET Balsa OR ERJE ORIENTATION OF GRAIN SAND TO SHAPE AFTER ASSEMBLY



CUT OUT TO ACCOMMODATE FLIGHT TIE ER
DRAWING DOES NOT SHOW PROVISION FOR DETAILERIALIZER - MODERN PRACTICE WOULD REQUIRE ONE - POSSIBLE METHOD WOULD BE CUT EXT U FIN LEADING EDGE F 11 & D A F PLACE SLOT T RU F 6 WITH USUAL F 22 LOOK FOR R AIDS & T U T A L I Z E R

TOP VIEW - STRINGERS TAIL ASSEMBLY BATTERY DECK AND MOTOR MOUNTS OMITTED FOR CLARITY

1/8" DIA x 2 1/2" BIRCH DOG JEL - PUT IN PLACE AFTER COVERING FUSELAGE

SCREW & DOWEL USED TO RETAIN POWER UNIT

CUT WING SADDLE FILLER STRIPS OF 1/8" Balsa TO FIT CONTOUR OF BOTTOM OF WING

3/16" DIA x 3 3/8" BIRCH DOWELS (2 REQD) - SLIDE IN PLACE AFTER COVERING FUSELAGE

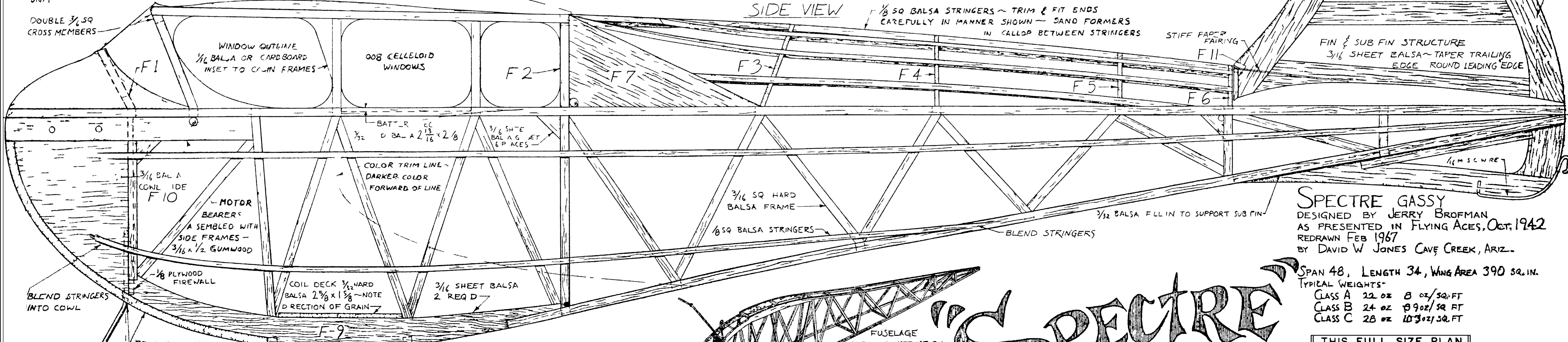
SIDE VIEW

3/8" SQ Balsa STRINGERS - TRIM & FIT ENDS CAREFULLY IN MANNER SHOWN - SAND FORMERS IN GAP BETWEEN STRINGERS

STIFF PAPER FAIRING F 11

CRACK F RE CEMENT FOR FLIGHT TRIM

FIN & SUB FIN STRUCTURE 3/16" SHEET Balsa - TAPER TRAILING EDGE ROUND LEADING EDGE



DOUBLE 3/16" SQ CROSS MEMBERS

WINDOW OUTLINE 1/16" Balsa OR CARDBOARD INSET TO COIL FRAMES

008 CELLELOID WINDOWS

BATTERY DECK 3/32" DIA BAL x 2 1 3/16" x 2 1/8"

3/16" SHEET Balsa SET 6 P ACES

COLOR TRIM LINE - DARKER COLOR FORWARD OF LINE

3/16" SQ HARD Balsa FRAME

1/8" SQ Balsa STRINGERS

BLEND STRINGERS

3/32" Balsa FILL IN TO SUPPORT SUB FIN

3/16" Balsa COIL IDE F 10

MOTOR BEARERS ASSEMBLED WITH SIDE FRAMES - 3/16" x 1/2" GUMWOOD

BLEND STRINGERS INTO COWL

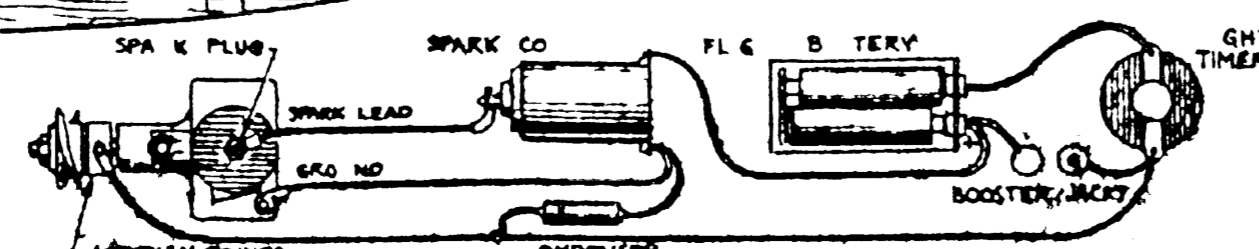
1/8" PLYWOOD FIREWALL

COIL DECK 3/16" HARD Balsa 2 3/8" x 1 3/8" - NOTE DIRECTION OF GRAIN

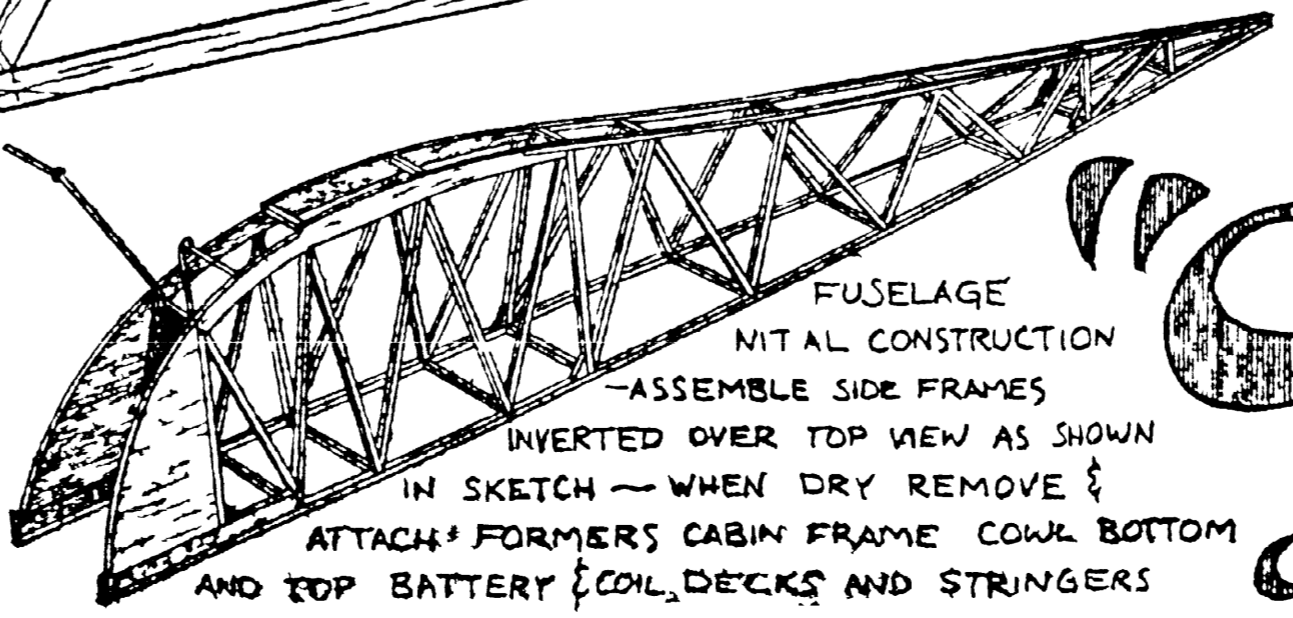
3/16" SHEET Balsa 2 REQD

COWL BOTTOM 3/16" SOFT Balsa - GRAIN ACROSS FUSELAGE - ALLOW CLEARANCE AROUND LANDING GEAR WIRES FOR COWL DRAINAGE

2 1/2" INCH DIA AIR WHEELS - SOLDER WASHER TO RETAIN



SUGGESTED WIRING DIAGRAM



FUSELAGE METAL CONSTRUCTION - ASSEMBLE SIDE FRAMES INVERTED OVER TOP VIEW AS SHOWN IN SKETCH - WHEN DRY REMOVE & ATTACH FORMERS CABIN FRAME COWL BOTTOM AND TOP BATTERY & COIL DECKS AND STRINGERS

SPECTRE

ALL-CLASS GASSY

SPECTRE GASSY
DESIGNED BY JERRY BROFMAN AS PRESENTED IN FLYING ACES, OCT. 1942
REDRAWN FEB 1967
BY DAVID W JONES CAVE CREEK, ARIZ.

SPAN 48, LENGTH 34, WING AREA 390 SQ. IN.
TYPICAL WEIGHTS -
CLASS A 22 OZ 8 OZ/SQ. FT
CLASS B 24 OZ 9 OZ/SQ. FT
CLASS C 28 OZ 10 3/4 OZ/SQ. FT

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