



3/16" SHT. SUPPORTS - SEE FRONT VIEW.
 7/32" SHT.
 ELEVATOR NYROD BOUND TO BEARER.
 SQUARE TANKS HELD BY SERVO TAPE.
 FORMER 1
 FORMER 2
 RX.
 THROTTLE
 FORMER 3
 NYLON 'RUDDER BAR' PIVOT ON BEARER.
 RUDER CONTROL WIRE - USE HEAVY LAYSTRATE
 STRINGERS & TOP DECKING OMITTED THIS SIDE.
 1/8" SHT. & 1/16" PLY LAMINATE FUSELAGE SIDES. 'TONGUE' INTO FORMER 1, SEE FRONT VIEW.
 NYLON TUBES WITH WIRE HOOKS TO TAKE FLYING WIRES. TENSIONED BY ELASTIC BANDS ACROSS FUSELAGE.
 BALANCE POINT FRONT EDGE OF SPAR.

TUBE SOLDERED TO STRUTS
 MACHINE GUN LOCATION
 TAKE OUT BOLTS TO REMOVE HATCH
 DEALS IN OILPROOF WRAPPING STRAPPED TO FORMER 1 IN ENGINE BAY.
 ORIGINAL POWERED BY O.S. 60 RADIALLY MOUNTED AT 45° FOR EASIER SILENCER & EXHAUST ARRANGEMENT 1 1/2" RIGHT & DOWN THRUST.
 1/8" PLY SERVO TRAY
 ACCESS PANEL - 1/16" PLY OR ALUMINIUM.
 10 SWG TUBE EPOXY AS REQ'D.
 2 OFF - 1/4" SQ. SPRUCE. CROSS STRUTS.
 1/2" x 3/8" HARDWOOD BEARERS. (2 OFF)
 UNDERCARRIAGE FIXED TO BEARERS WITH NYLON CLAMPS.
 1/2" x 1/4" SPRUCE. SLOT TO TAKE WIRE - EPOXY SHAPE TO OVAL SECTION. COVER WITH NYLON. FINISH WITH SANDING SEALER.
 GAP FOR AXLE MOVEMENT.
 12 SWG
 SCALE WIRE WHEELS OR COVERED IN TYPE.
 ELASTIC
 SPLIT PIN & WASHER RETAINS WHEELS
 'TRAY' IS 12 SWG. & SHIM BRASS
 SOFT SOLDER FULL LENGTH

VIEW SHOWING UNDERCARRIAGE ARRANGEMENT.
 ALL JOINTS SILVER SOLDERED, UNLESS OTHERWISE STATED.

NYLON 'RUDDER BAR' PIVOT ON BEARER.
 RUDER CONTROL WIRE - USE HEAVY LAYSTRATE
 STRINGERS & TOP DECKING OMITTED THIS SIDE.
 UPPER DECKING FORMERS - ALL 1/8" SHT. STRINGERS SIT ON TOP.
 1 OFF EACH - 1/8" SHT. CROSS GRAINED.
 3/16" SHT. BALSALINE
 NYLON TUBE GUIDE.
 3/16" SHT. (2 OFF) & 1/16" PLY (2 OFF) TO THIS OUTLINE. CUTOUPS SHOWN IN TOP ONLY. CUTOUP IN BOTTOM FOR SKID.
 B.B.A. BLIND NUTS FOR TAILPLANE FIXING BOLTS
 NYLON HORN EPOKIED IN POSITION.
 WIRE EYES.
 BRACING WIRE HEAVY LAYSTRATE

TAILPLANE STRUT - 2 OFF. 3/16" ALUMINIUM TUBE 'OVALED'. B.B.A. NUTS & STUDS EPOKIED TO STRUT THEN CONTACT GLUED AT POINTS SHOWN.
 3 LAMINATIONS 3/16" x 1/16" SPRUCE
 HINGE POSITION.
 FIN GLUED TO THAILPLANE
 3/16" SQ. BALSALINE
 3/16" SQ. SPRUCE
 RUDER STERNPOST SLOTS IN.
 3/16" SQ. BALSALINE
 3/16" SQ. SPRUCE
 HINGE POSITION. HINGES MADE AS ELEVATOR.
 1/4" x 3/16" SPRUCE (2 PIECES)
 B.B.A. BOLT & NUT PIVOT.
 16 SWG BOUND TO PLY. WIRE EPOKIED TO 3/16" PLY SKID - COVER WITH NYLON.
 1/8" SHT. FILL-IN BETWEEN STRINGERS
 FILLER CAP
 1/8" SQ. STRINGERS BALSALINE
 3/16" SQ. STRINGERS BALSALINE
 FILL IN BETWEEN STRINGERS WITH SCRAP
 5/8" x 1/16" PLY REINFORCEMENT.
 SCRAP SPRUCE WEDGE!
 1/8" SHT. CROSS STRUT TO SUPPORT ELEVATOR NYROD.
 3/16" SQ. UPRIGHTS & CROSS STRUTS BALSALINE
 1/8" SHT. FORMER TO TAKE ELEVATOR NYROD & RUDER CONTROL WIRE LEAD TUBES.
 1/8" SHT. BRACES IN ALL CORNERS
 LONGERONS 1/4" SQ. SPRUCE.
 1/8" SHT. GUSSETS.
 1/8" SHT. SUPPORT FOR WING CUT-OUT.
 SIDE LAMINATE FINISHES HERE
 1/32" PLY TOP DECKING. NOT SHOWN IN THIS AREA.
 PADDED HEADREST.
 SPLIT TUBE EDGEING.
 WINDSCREEN (CELLULOID EDGED WITH ALUMINIUM) INSTRUMENT PANEL. MAKE ONE GAUGE REMOVABLE TO GET AT FIXING BOLT.
 1/8" SHT. FILL-IN BETWEEN STRINGERS
 FILLER CAP
 1/8" SQ. STRINGERS BALSALINE
 3/16" SQ. UPRIGHTS & CROSS STRUTS BALSALINE
 1/8" SHT. FORMER TO TAKE ELEVATOR NYROD & RUDER CONTROL WIRE LEAD TUBES.
 16 SWG BOUND TO PLY. WIRE EPOKIED TO 3/16" PLY SKID - COVER WITH NYLON.
 1/8" SHT. CROSS STRUT TO SUPPORT ELEVATOR NYROD.
 3/16" SQ. UPRIGHTS & CROSS STRUTS BALSALINE
 1/8" SHT. FORMER TO TAKE ELEVATOR NYROD & RUDER CONTROL WIRE LEAD TUBES.
 16 SWG BOUND TO PLY. WIRE EPOKIED TO 3/16" PLY SKID - COVER WITH NYLON.

FRONT OUTER CABANE STRUTS ARE 5/16" O/DIA. METAL TUBE 'FLATTENED' TO GIVE OVAL SECTION. THE AILERON NYRODS RUN INSIDE. THE OTHER STRUTS ARE 10 SWG. EPOKIED TO 5/16" x 1/4" HARD BALSALINE, SHAPED & COVERED WITH NYLON. FINISH WITH SANDING SEALER.
 MAKE REAR STRUTS TO THIS HEIGHT.
 VIEW THRO' FORMERS SHOWING HATCH AND STRUT ATTACHMENT. HATCH BASICALLY 3/32" PLY 'BOX' WITH 1/32" PLY DECK.
 FRONT
 REAR
 CABANE STRUTS END PLATES
 2 OFF EACH - THIN SHEET METAL - SILVER SOLDER TO STRUTS.
 SHEET METAL PLATES
 4 OFF - SILVER SOLDER TO STRUTS.
 BRACING WIRES (SEE NOTE)
 BRACING WIRES (SEE NOTE)
 INTERPLANE STRUTS - 4 OFF. LENGTH ARRIVED AT BY BOLTING END PLATES TO WINGS ON ASSEMBLED MODEL AND SOFT SOLDERING SUITABLE LENGTH OF 18 SWG WIRE BETWEEN PLATES. REMOVE AND CLAD WITH 3 LAYERS 1/8" OBECHI OR SIMILAR. SHAPE TO SECTION.
 RIGGING ANGLES
 UPPER WING 3° POSITIVE
 LOWER WING 2° "
 TAILPLANE 2° "
 A.U.W. 9 LB.
 HANRIOT DUPONT H.D.I.
 72" SPAN TRUE SCALE W.W.I. BIPLANE. FOR ENGINES UP TO '61 CU. IN. SCALE 2 1/2 INS. = 1 FT. DESIGNED & BUILT BY PETE NEATE. DRAWN BY LES RUDD.
 SHT. 1



