

RoboStrut

5/8" Diameter

FOR 5/8" DIA. SOCKET TYPE MOUNT

SCRAP CUTOFF TUBE



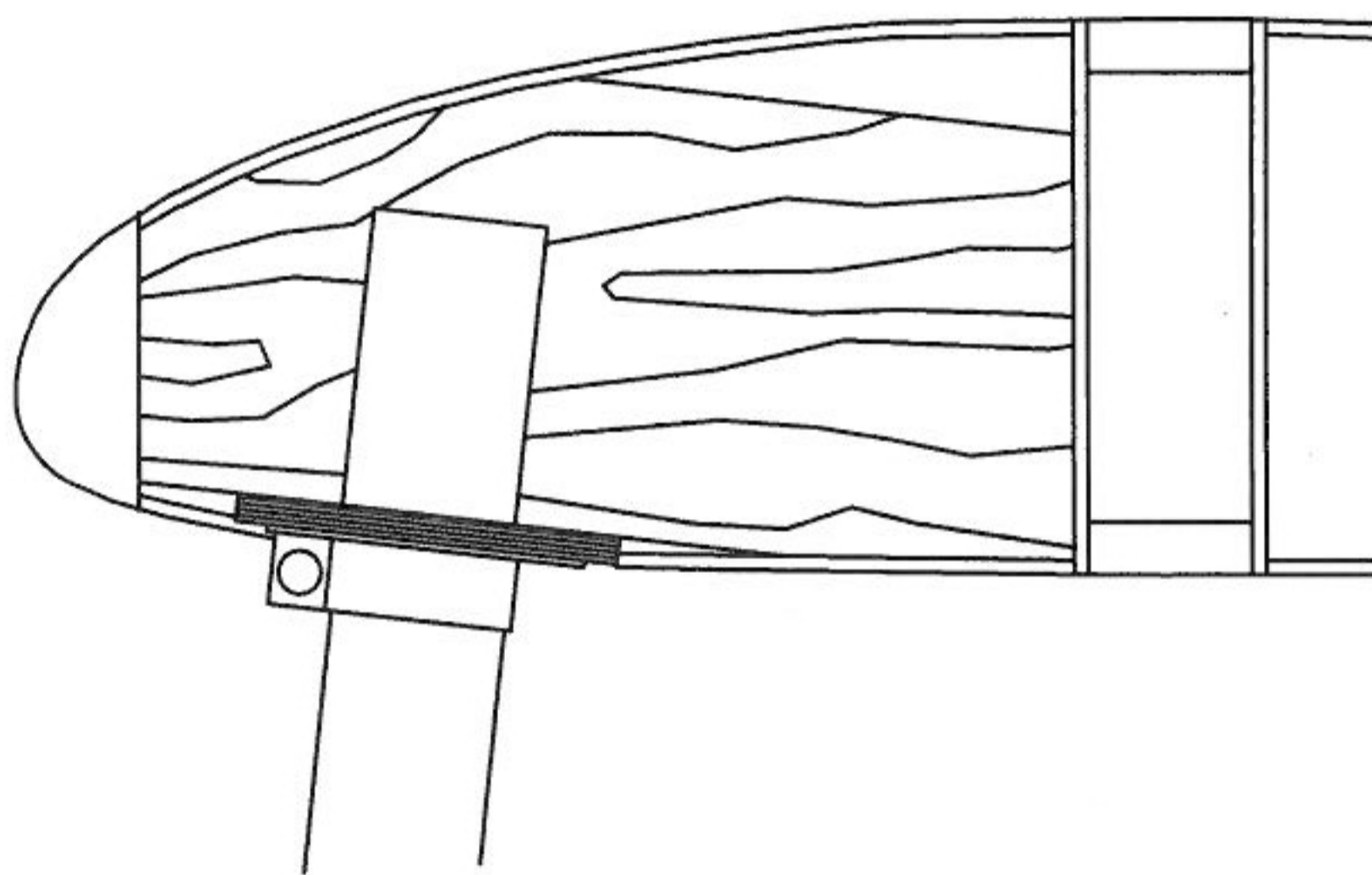
CUT TUBE TO LENGTH USING A TUBING CUTTER. DO NOT CUT WITH A SAW OR CUTOFF WHEEL. DO NOT DEBURR INSIDE EDGE. A ROLLED IN AND OVER EDGE IS REQUIRED TO RETAIN THE PLASTIC SPRING PLUG.



AFTER CUTTING UPPER TUBE TO REQUIRED LENGTH, INSERT THE PLASTIC PLUG. PUSH THE PLUG INTO THE TUBE TO THE TOP ROLLED EDGE. CUT THE SPRING AS REQUIRED TO ACHIEVE THE DESIRED OLEO ACTION.



FOR FIXED GEAR MOUNT



IF YOU ARE USING THE STRUTS AS FIXED GEAR... FILL IN BETWEEN THE RIBS WHERE THE STRUT WILL BE LOCATED WITH A SOLID BLOCK OF BASS WOOD OR PINE. SAND THE BLOCK TO THE SHAPE OF THE RIBS AND SHEET THE WING. MAKE A CARDBOARD DRILLING TEMPLATE OF THE MOUNTING BLOCK AND MARK THE POSITION ON THE WING BOTTOM. DRILL A 5/8" DIA. HOLE INTO THE BLOCK AT THE REQUIRED ANGLE, DO NOT DRILL ALL THE WAY THROUGH THE BLOCK. CUT OUT THE Balsa SHEETING AROUND THE HOLE 1 1/2" SQUARE, AND IF REQUIRED GRIND THE BLOCK SURFACE PERPENDICULAR TO THE STRUT HOLE. EPOXY A 1 1/2" SQUARE PLYWOOD PLATE IN THE RECESS. MAKE SURE THE PLYWOOD PLATE HAS A 5/8" DIA. HOLE IN THE CENTER. SLIP THE MOUNTING PLATE ONTO THE STRUT. INSERT THE STRUT INTO THE WING. FASTEN THE MOUNTING PLATE WITH 4 #6 x 3/4" SOCKET HEAD WOOD SCREWS. ADJUST THE TOE-IN / TOE-OUT AND TIGHTEN THE CLAMP SCREW.