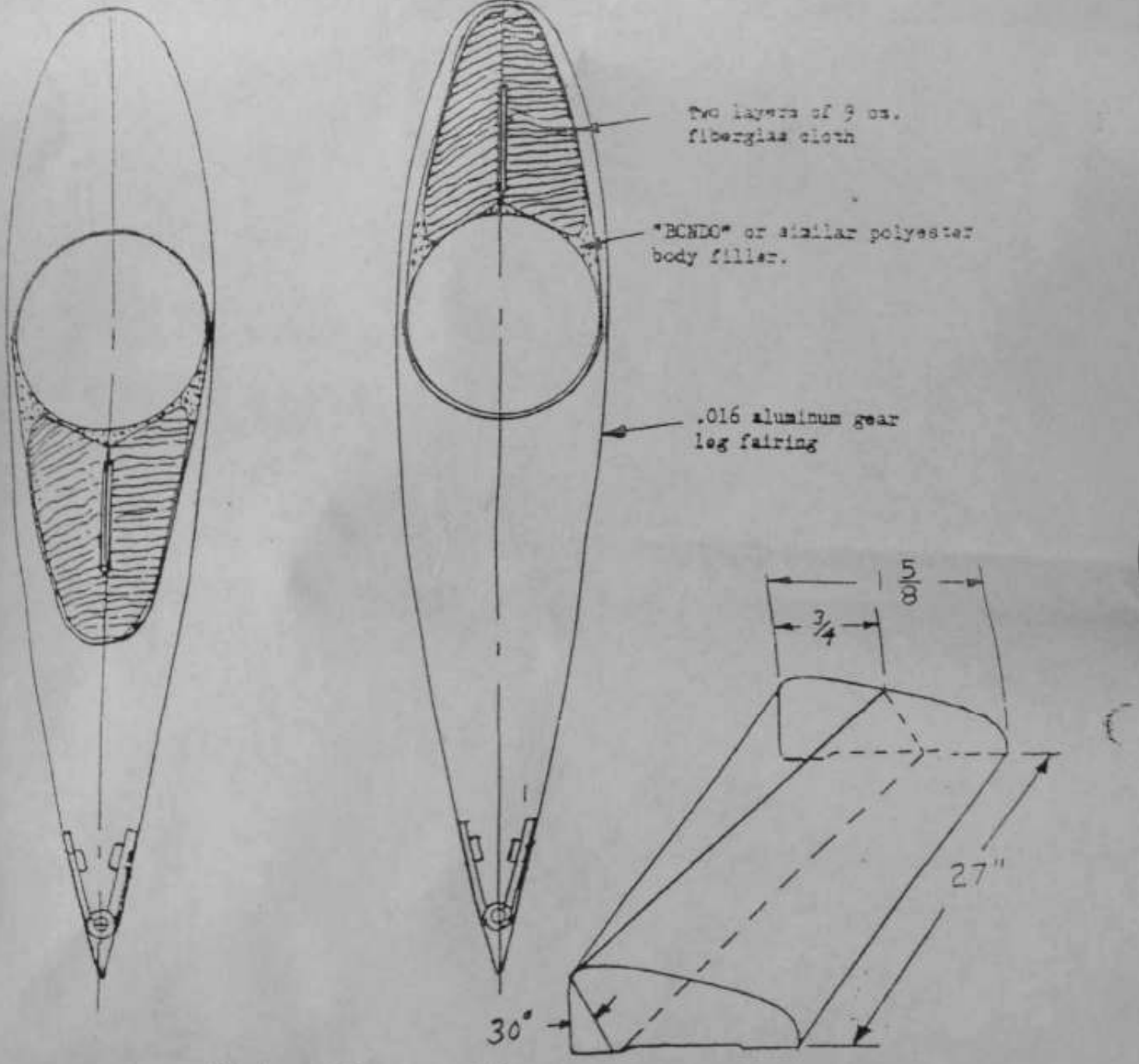
GEAR LEG STIFFENER INSTALLATION INSTRUCTIONS

Note: These gear leg stiffener instructions are partially copied from Van's plans for building and installing them. These have been recommended by VAN for certain aircraft models experiencing shimmy on landing and have been highly successful in remedying the problem.

1. **Measure and cut to desired length if required.**
2. **Per Van's, it is recommended to install these gear leg stiffeners with weight off of the gear leg to simulate an in flight condition.**
3. **Attach to either the front or rear of the gear leg, depending on your plane and fairing. The gear leg fairing is tapered to fit inside the fairings around the aircraft legs.**
4. **In the drawing, Van's calls for using bondo, but flox and epoxy can be used in that area in lieu of Bondo for a stronger and lighter installation.**
5. **Wrap with two layers of fiberglass cloth and epoxy mixture per the attached drawing and Van's directions.**



Window molding material

Cutting the edge of the molding at a 30 deg. angle as shown will permit it to nest well on the gear leg. This can be done on a table saw or a band saw with a tilting blade or table. Cutting the taper toward the narrow end is done by taping this molding to a board with the spedified 3/4" offset, or can be done simply by marking the line and carefully hand feeding it through a band saw. Make right and left hand pieces, then glue the two together and bond to the gear legs.

SK-75 WOOD "DAMPENING" STRIPS FOR GEAR LEGS.