

10. Assemble the polarotor/feedhorn according to the instructions provided with the unit. Add 12' of wire to extend polarotor leads down LNA tube and to reach weatherproof housing. Next, assemble the LNA (or LNC), to the feedhorn and attach to the mounting bracket on the LNA tube. Connect LNA cable (and power cable if required), to the LNA run all wires down the inside of the LNA tube (Ref: photo 13) Check feedhorn alignment per fig. 1 & 2 and adjust if necessary.

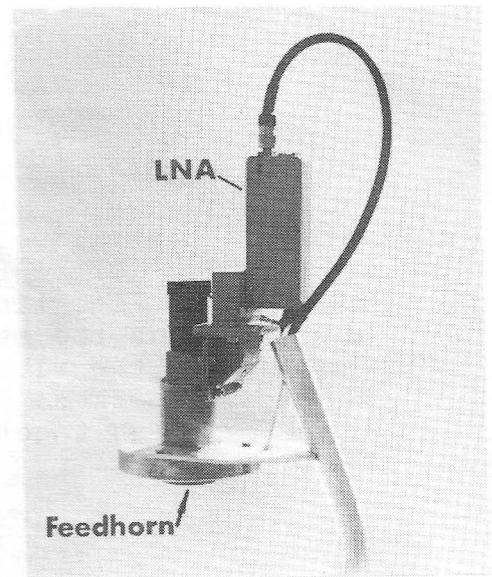


Photo 13

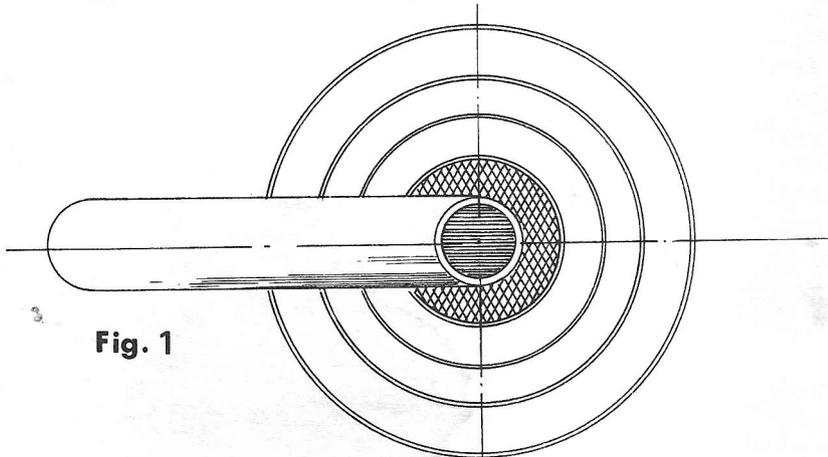


Fig. 1

LNA tube must look as if it went directly into the center of the feedhorn opening perfectly centered.

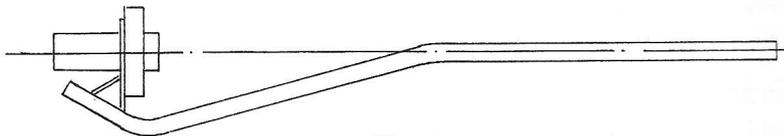


Fig. 2

LNA must look precisely down center of LNA tube.

11. Slide the LNA tube through the front plate until it is seated into hole of back plate.

NOTE: The LNA and polarotor, etc., wires will go through the one inch hole in the declination assembly bracket. Secure the LNA tube with the "U" clamp and two $\frac{1}{4}$ " nuts. The bracket for the "U" clamp is located on the back side of the front plate. (Ref: photo 14 & 15) With the LNA tube seated into the back plate, your feed system is at the correct focal length and no adjustment is necessary when using our feed.

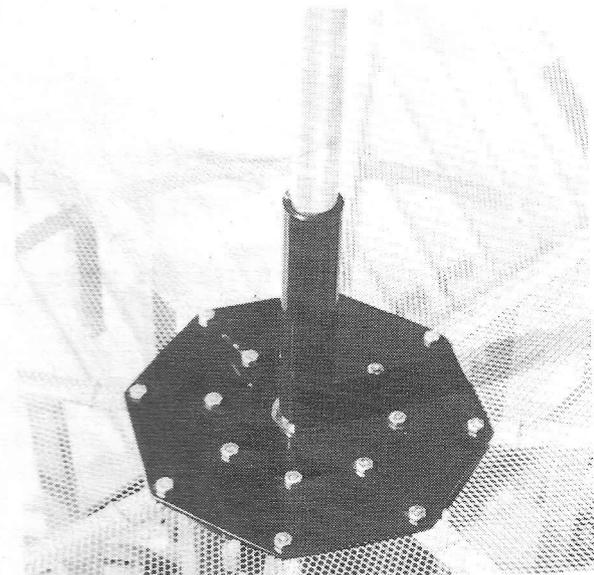


Photo 14

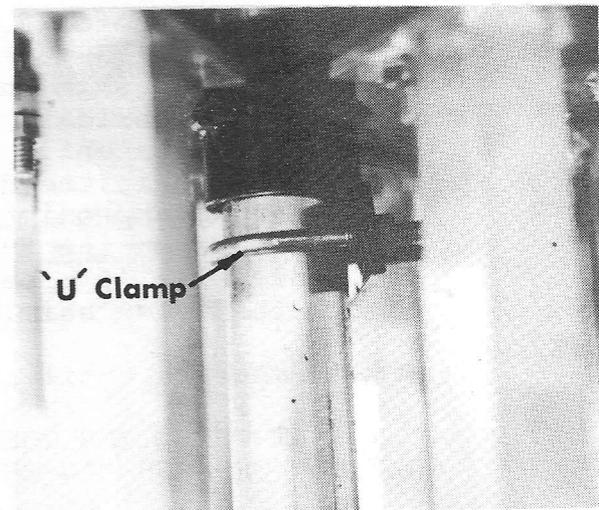


Photo 15