

Giant Scale Rudder Horn

Basic Installation Instructions:

- 1) Find Control Horn location on rudder. Plan bolt center to be 3/4" from hinge line.
- 2) Prepare 3/8" - 1/2" brass tube by sharpening inner edge of tube w/ hobby knife.
- 3) Use tube to cut a clean hole through the surface.
- 4) Place a piece of respective size dowel in hole and mark top and bottom outer surface location.
- 5) Cut the marks to match outer surface of skin.
- 6) Glue dowel in hole matching edges with surface.
- 7) Sand dowel and surface for smooth match.
- 8) Drill and tap dowel for 8-32 hole, at previous location 3/4" from hinge line.
- 9) Thread rod into dowel so rod extends equally from each side of dowel.
- 10) Permanently glue rod into position.
- 11) Tighten aluminum hubs, one on each side of rod.
- 12) Thread on Nylon 8-32 horns to desired positions.
- 13) Cut rod ends 1/2" - 3/4" longer than needed.
- 14) Attach Sullivan 4-40 Gold-N-Clevis.

