

Remo Sierra Aviation “Tug Guards”

Designed by Robert Skinner

Tug Guards are designed to reduce the likelihood of damaging your wheel pants and valuable paint job when moving your aircraft with a tug or tow bar. They do the job well and look good doing it! Made of 304 Stainless Steel to resist rust and corrosion, these parts will protect and enhance the beauty of your aircraft for a lifetime. Originally designed for the RV10, they will fit all tricycle RV's as well as other experimental aircraft. Tug Guards can be installed before or after your wheel pants are painted.

Installation

- 1) Center the axle bolt in the tow bar opening of your wheel pant.
- 2) Use a step drill to enlarge the tow bar hole to match the Tug Guard flange. Running the step drill in reverse is recommended.

Most builders use countersunk rivets for the remaining steps:

- 3) Fabricate a doubler for the inside of the wheel pant.
- 4) Using the Tug Guard as a guide, match drill the rivet holes in the doubler and wheel pant.
- 5) Countersink the rivet holes.
- 6) We recommend adding a small amount of epoxy or tank sealant between the doubler and the fiberglass.
- 7) Rivet the Tug Guard in place, and the installation is complete!

