

EXHAUST SYSTEM

The Adventure exhaust system is a simple arrangement of four straight pipes which are basically identical. The prototype has a mild steel exhaust system built up from Midas Muffler tubing and punched flanges. Go down to your Midas shop and have them bend up four 1 1/2 inch O.D. exhaust tubes as shown below. The tubes will be quite a bit long as bent by Midas and you'll have to cut them down. In addition to the tubing, you will need four mild steel exhaust flanges for the Continental engine (they cost under a buck apiece from Aircraft Spruce and others). Cut the tubing down to the dimensions shown below and locate the flanges such that the pipes aim outboard 6 degrees and down 30 degrees from horizontal. Tack weld the four flanges and fit check with the engine before finish welding. The completed exhaust pipes are too long and should be cut off parallel to the cowling surface and protruding 1 inch to 1 1/2 inches. This trim can't be done until the cowl is completed.

