

CAMERON and SONS AIRCRAFT

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NACA INLET INSTALLATION INSTRUCTIONS

The following procedure is the recommended method of installing the NACA inlet components included in this kit

TOOLS/MATERIALS REQUIRED:

- Tin snips (Or preferred method for cutting inlet hole)
- Drill
- Drill bits (Sized to fit fasteners used)
- Adhesive (A quality 2-part, 24-hour cure epoxy recommended)
- Masking tape
- Safety glasses
- Protective gloves

INSTALLATION PROCEDURE:

1. Using the NACA inlet shape as a template, cut the scoop inlet hole in the mounting surface.
2. Trim the NACA inlet body to shape as shown below. Leave a 0.75" to 1.00" mounting flange around the scoop opening. If the inlet is to be exterior surface mounted, file or sand the edges and corners to a finished shape.
3. As shown below, assemble the tube half to the inlet body using fasteners or adhesive. Be sure that the outside surfaces of the tube halves are aligned.
4. Position the inlet body assembly over the inlet hole. Tape or otherwise temporarily attach the inlet body in place.
5. If using rivets or screws, drill mounting holes as required.
6. If installing with adhesive, remove the inlet assembly. Sand or grit blast the area where adhesive will be applied. Rivets or screws may be used in addition to bonding if desired.
7. When the adhesive has cured, install duct hose and hose clamp as required.

