

TOOLS

The photo's on the CD's in manual show a selection of tools we regularly use during construction of the T-51 Mustang.

The following are essential:

- Drill press;
- LH and RH shears (tin snips);
- Pneumatic and hand powered riveter;
- Pneumatic drill;
- Clamps and clecos;
- Sheet metal hole cutting device or set;
- Files (round, half round, flat, etc.);
- Socket set (imperial);
- Drill bits (imperial & #30, #40);
- Air compressor;
- Painting gear;
- Snake drill attachment and bits;
- Torque wrench;
- Rubber hammer;
- Hole strap duplicator;
- Center punch;
- Band saw;
- Electric power file;
- 'C' clamps (medium size);
- Spring clamps;
- Band saw;
- Deburrer
- Levels
- Squares
- Micro-stop countersink tool for #30 & #40
- Other Measuring Devices

The following are useful, but not essential:

- Stretcher/shrinker;
- Drill stops;
- Bench mounted bender, roller, and guillotine
- Bench mounted hand dimple tool;
- Sheet metal edge jogger;
- Pneumatic sheet metal shears;
- Buffer wheel;

Sanding wheel

If you are choosing flush rivets you will need dimpling and countersinking tools – these are shown in the photos.

For a better finish, joggling the hat-sections where they overlap is recommended – this tool is also shown. For those who choose to use solid rivets in place of the provided ‘pop’ rivets, they will require a solid riveting kit and will need to supply their own rivets. The use of levels, squares and other measuring tools is constant during the building process. An imperial socket set and drill bit set are required – we recommend getting several #30 size drill bits for use on the skins. The builder is provided with a couple of #30 size drill bits in the T-51 kit. We recommend getting several more of these and also a few of the following: 3/32" bits & #40 size bits. The #30 and #40 size drills are oversized and are used for final drilling of rivet holes.

By

Date

Checked

Date

Approved

Date