SOLID MACHINE

SUMMARY:

Experience matters! Solid Machine currently manufactures over 3**,000 parts in composite alloys every month** for passenger jet aircraft.

Machining components in composite alloys actually flips the process upside down as the machinist's attention shifts to different parts of the process. An aircraft part machined out of metal might involve a high-RPM machine tool that relies on commodity tooling and simple clamps to secure the work. By contrast, milling and drilling of composites can generally be done with a much lighter-duty machine, but high-end cutting tools as well as custom-built work holding are likely to be required to closely support the part throughout the machining process to prevent the thin, rigid walls from vibrating and fraying. As a matter of fact, the fixtures designed to support these parts can often be small feats of engineering in and of themselves.

Let us put our experience to work for you! Call or email us today with your requirements. We guarantee you a quick, courteous, and intelligent response.

SHOWCASE:

While we would love to highlight our best and most current work, many of the parts we manufacture prohibit the use of photography due to export control regulations or other confidentiality agreements. We hope the following images convey the quality of our workmanship.