

Composite Manufacturing



Parker Meggitt (Baltimore) has the ability to design and manufacture composite structures from customer specifications, or build-to-print existing designs. Parker Meggitt uses highly detailed lay-up and assembly procedures supported by manufacturing engineers to ensure conformance of our product. Engineers also work on process improvement initiatives to leverage new technologies for the benefit of our customers. Our composite manufacturing specialty is prepreg hand lay-up autoclave cured parts. We also have the capability to perform wet lay-up, VARTM, and out-of-autoclave processing. Most parts are cured in one of our three autoclaves. The largest available autoclave at the facility has a 10 foot diameter by 20 foot long working volume. After parts are cured, we perform most post-processing work in house. Our machine shop boasts a wide variety of capabilities with a highly motivated and knowledgeable staff. The finishing department has experience applying unique, product specific finishes and coatings. Our expertise includes professional application of hydrophobic Polysiloxane paints, rain erosion coatings, anti-static coatings, lightning strike protection systems (including integration of lightning diverter strips), MAGRAM coatings, hydrophobic coatings, and aircraft primer.