



1224 N Lean St., Post Falls, Idaho 83854, USA >> Main: +1.509.893.4100

ATCMANUFACTURING.COM

ATC Manufacturing Celebrates 20 Years as Leading American Producer of Thermoplastic Composite Parts & Structures

[ATC Manufacturing](#) (booth 6Q52c) celebrated 20 years as a leading thermoplastic composites parts & structures manufacturer. Focusing on high-rate production, lowering costs, and improving strength, ATC has developed an expertise in unidirectional tapes and effective manufacturing practices for simple parts like clips and brackets to complex assemblies and long profile support structures.

ATC has developed processes that consistently achieve production rates under 3 minutes for secondary aircraft thermoplastic components for large commercial aircraft. This method has been applied across various part categories while maintaining aerospace quality requirements and ISO 9001:2015, AS9100D and NADCAP certifications.

Specializing in thermoplastic composites for aerospace and high-performance applications, ATC demonstrates rapid fabrication processes like stamp forming and continuous compression molding. Components and assemblies, featuring continuous carbon fiber reinforcement, showcase a cost-effective, resilient co-consolidation approach.

ATC operates a 6225 m² thermoplastic composites facility and performs all part fabrication and finishing process in-house from laminate consolidation to assembly. Collaborating with customers, we push limits on capabilities, geometries, and complexity, offering expertise in "design for manufacturing." Our process spans early-stage proof of concept to high-volume production, emphasizing cost reduction, higher rate manufacturing, and consistent quality.

ATC is a Boeing 'Premier Bidder', a member of the [NASA HiCAM program](#) and the [American Aerospace Materials Manufacturing Center](#) Regional Technology Hub, contributing to the next generation of sustainable aircraft composite technologies.

ATC Manufacturing produces over 1,000,000 thermoplastic components per year in their ISO 9001:2015, AS9100D and NADCAP certified facility. Learn more at atcmanufacturing.com.

Media contact: Maria Lusardi, mlusardi@lakeside-capital.com