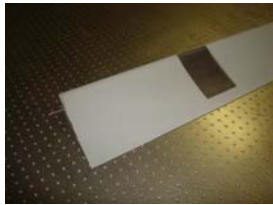




CARBON & COMPOSITE LAY-UP

LAY-UP

We can do prepreg and wet lay-up of all composite materials. Vacuum bagging and compression molding are all possible in our manufacturing area. We perform most operations from design to final assemblies in-house.



CLEANROOM

Large class 5000 cleanroom provides the perfect manufacturing area for composite lay-up. We can ensure maximum cleanliness to produce parts with fewer particulates. Plus a larger SUB-ZERO freezer for prepreg and epoxy storage.

- 20 x 30 class 5000 Cleanroom
- Large sub-zero Freezer
- 10' x 17' drying and curing oven
- Various other ovens
- Prepreg and wet lay-up

CURING OVEN

ACS Has a 10' x 17' oven, among others, for curing and drying. Computer controlled for precision programmed cycle times for curing.

Applied Composite Solutions services a number of top companies in the aerospace field. Our facility is optimized for the precision production of composite parts. Let us help streamline your composite fabrication accompanied by outstanding customer service.

MACHINING & TOOLING

Using our CNC machining centers we can do standard machined parts in Aluminum, Steel and well as other exotic materials. Proto-type and Short runs welcome. We produce molds and tooling in Al, steel as well as tooling board and foam. ACS has produced tools over 116" long, and with our fab shop we can build tool supports in house.



8030 Fadal and various other machining centers
EDM sinker
Metal fabrication



Machined Ecosorb Feedhorn

ISO 9001/2000 COMPLIANT

HONEYCOMB & ROHACELL SHAPING

CUTTING & SHAPING

We are able to cut, shape, contour, profile and machine most composite materials. With a number of multi-axis routers, cutting and shaping of all types of honeycomb cores, Rohacell, and foams of any density is made easy.



CRUSHING & FORMING

Additionally ACS has the ability to form and crush core, including pour coats and potting when necessary.



- 5 axis motion master 5' x 9'
- 4.5 axis motion master 4' x 8'
- 4 axis KOMO heavy duty router
- 4 axis MMM router 4' x 9'
- 5 axis Gantry router 3' x 5'



Machined Carbon Panel