

Photo courtesy of LMC

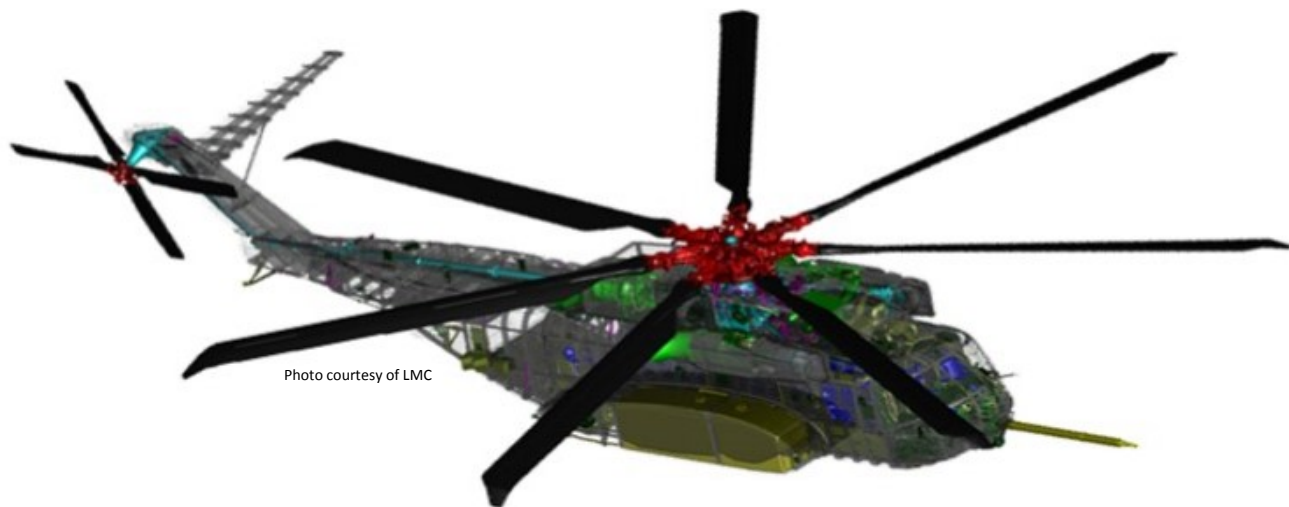
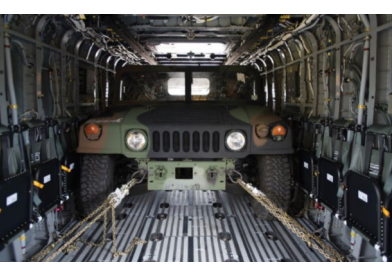
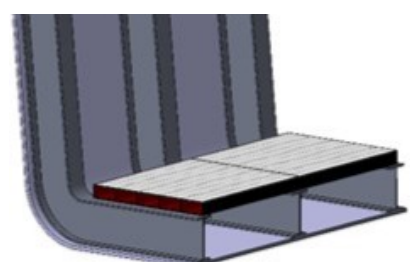


Photo courtesy of LMC



COMPREHENSIVE PRODUCT CONFIG, DESIGN, ANALYSIS, FABRICATION & VERIFICATION UNDER ONE ROOF

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ABOUT US

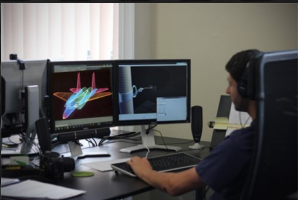
SciMax Technologies Incorporated, is a LLC company chartered in New York State in 2014. Our team is proficient in advanced composite structures design, analysis, fabrication and validation. We offer advanced composite design products with Thermoset and Thermoplastic material systems.

SciMax Technologies is co-located in the Composite Prototyping Center (CPC) and has full access to all of CPC's manufacturing and test equipment as noted in this brochure.

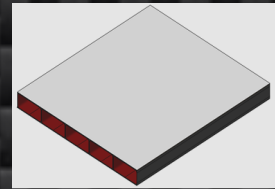


HIGH PRESSURE/ TEMPERATURE PRESS 250 TON-800 °F

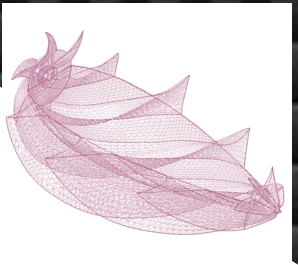
AUTOClave FABRICATION UP TO 800 °F AND 300PSI



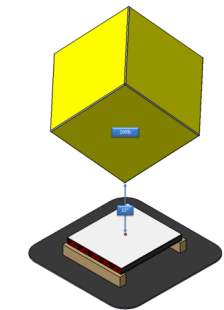
3D Design Modelling with CATIA and other software



Integrated product & tool design, real time integration metallic and composite tooling

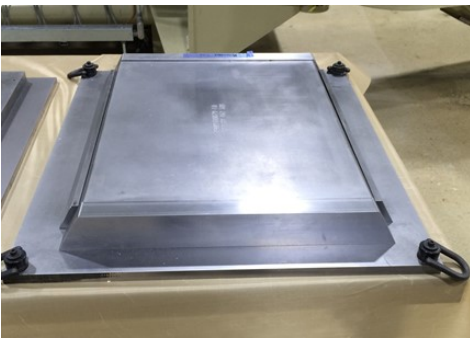


Structural Analysis Optimization
Classical Techniques
FEA/M Techniques (NASTRAN & ANSYS)
Dynamic Analysis (LS-DYNA)



Product validation and testing

COMPREHENSIVE ENGINEERING DEVELOPMENT AND MANUFACTURING OF ADVANCED COMPOSITE STRUCTURES FOR AIRCRAFT, ROTOCRAFT, ENERGY AND AUTOMOTIVE INDUSTRIES



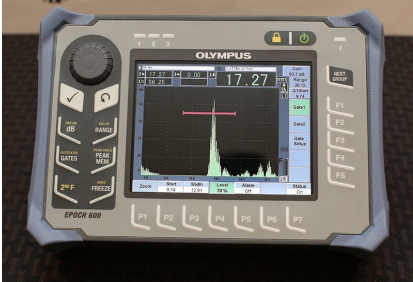
- COMPLEX TOOLING DESIGN AND FAB
- MULTIPLE COMPOSITE FABRICATION DISCIPLINE
- PRODUCT VALIDATION AND TRANSITION TO LRIP & PRODUCTION



GERBER PLY CUTTER



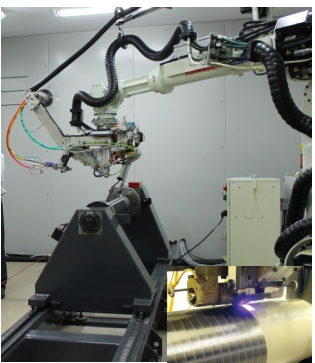
RESIN TRANSFER MOLDING (RTM & VARTM)



NDI ULTRASONIC & CMM INSPECTION (+Reversed Engineering CMM)



5-AXIS MACHINING CENTER 5' X 10' BED



AUTOMATIC FIBER PLACEMENT (AFP) WITH INSITU LAZER CONSOLIDATION

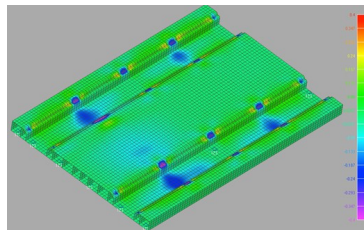
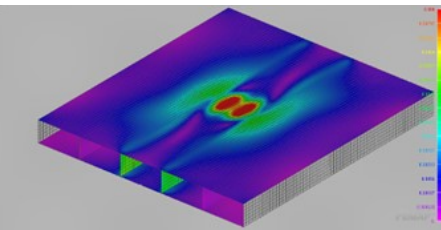
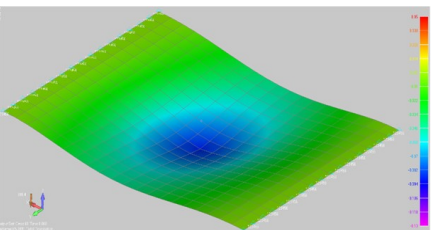
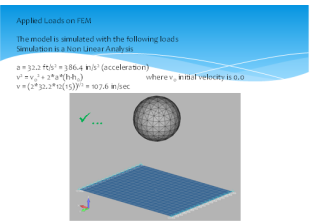


IMPACT TESTING



COUPON TESTING (up to 56K)

TAILORED IN-HOUSE FABRICATION CHOICES WITH THERMOSET, THERMOPLASTICS AND 3D PRINTING



Comprehensive Static & Dynamic Finite Element Modeling & Analysis Capability