



**ADVANCED
MANUFACTURING
SOLUTIONS**
A Hybrid Technology Company

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RAPID DRONE COMPONENT MANUFACTURING



Highly automated
serial production



Made in EU
and USA



Verified and unique
process

www.acs-iws.com www.acscolabpartners.com

XTEND™ specializes in contract manufacturing wings for drones in 2 rapid technologies

3D printed drone wings



- ✓ Proprietary highly automated, rapid scale production process
- ✓ Optional electrical and mechanical components installation
- ✓ Easily customized
- ✓ Multiple hinge options: gapless, glued gapless, pin
- ✓ High flexibility for external and internal design features
- ✓ Multiple surface finish options

Prepreg drone wing manufacturing



- ✓ Proprietary, serial, rapid scale production process
- ✓ Optional electrical and mechanical components installation
- ✓ Own dedicated pre prepreg formulation
- ✓ Multiple hinge options
- ✓ Multiple surface finish options

XTEND™ also supports you with:



Design & Product Development

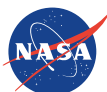


Material Selection



Rapid Prototyping

Technological partner for

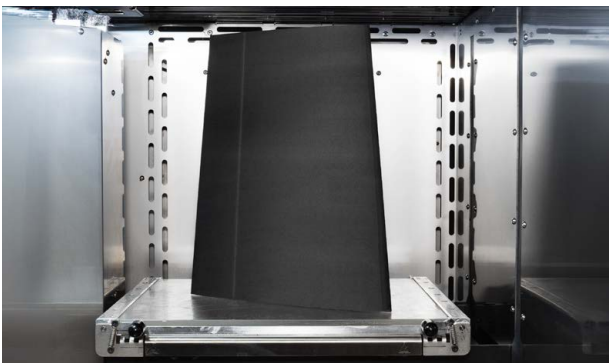


Gulfstream

LOCKHEED MARTIN

DRONE WING MANUFACTURING PROCESSES

PROPRIETARY 3D PRINTING PROCESS

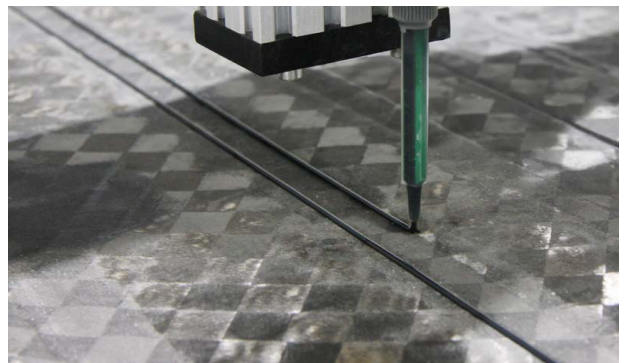


- ✓ Cost reduction of up to 60% compared to the wet-laminated process
- ✓ High repeatability and straightforward, scalable production process
- ✓ Up to 50% higher bending strength relative to the wet lamination process without increase in weight
- ✓ Rapid prototyping: prototype manufactured in 48 hrs. with target production technology
- ✓ Design freedom of external geometry and internal structures, with rapid design iterations for validation

Final product



PREPREG ADVANCED COMPOSITE PROCESS



- ✓ High rigidity and strength of structure and sheathing
- ✓ High level of process automation
- ✓ High surface quality
- ✓ High repeatability and scalability of production in comparison to wet lamination
- ✓ Possibility to produce large and complex geometries
- ✓ Up to 30% higher bending strength compared to the wet lamination process without weight increase

Final product





High-tech, scalable production facilities



End-to-end
know how



Highly qualified
R&D team



ISO 9001 and ISO 14001
certified production site

Contact details:

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