

COMPOSITE LAYUP DESIGN

## Commercial Aviation EVTOL

Project  
Management



Mechanical  
Engineering



Quality  
Assurance



## EVTOL MANUFACTURING DEVELOPMENT

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### APPROACH

- Provide engineering team to support aerospace client and third-party manufacturer with mechanical engineering, project management, and quality engineering needs
- Develop CATIA composite PLY models with laser projection needed for third-party aircraft parts manufacturing
- Provide schedule and risk management support as well as configuration management in ALTEN Technology's quality management system

### RESULTS

- Developed CATIA composite PLY models with laser projection for boom, wing, and ruddervator parts
- Supported development and review of non-destructive manufacturing inspection standards
- Provided scheduling support for third party aircraft parts manufacturer scope of work and managed schedule for ALTEN Technology scope of work

### KEY TOOLS & TECHNOLOGIES

- CATIA composites manufacturing preparation
- CATIA fiber modeler
- CATIA composites laser projection
- Microsoft Project Schedule

**ALTEN TECHNOLOGY**