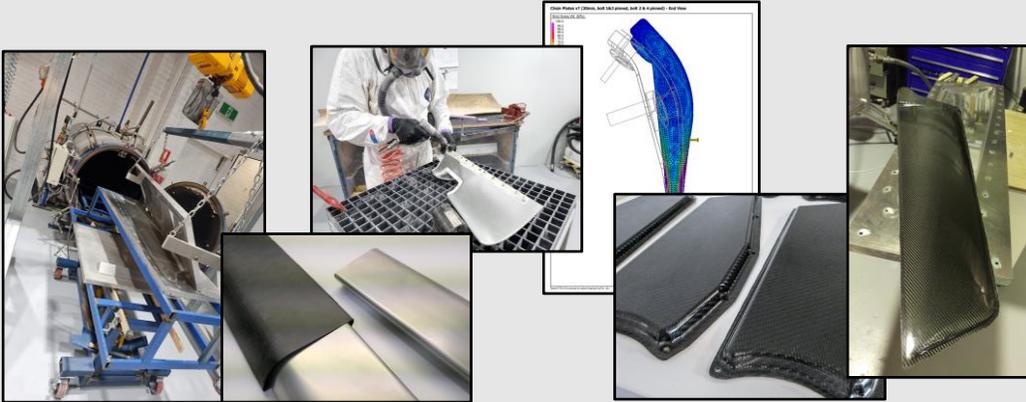


Ideate, prototype, R&TD, T&E and manufacture

- T&E of material specs and part design
- Program management
- Research and technical development
- Composite FEA and empirical testing
- Tooling manufacture
- Prototyping
- DFARS sourcing
- Manufacture / series production



Key Customers

- Defence**
- **Tier 1 supplier** to Shield AI (USA) and Stealth EB
 - **Subcontractor** to Kongsberg and Rheinmetall
 - **OEM** GWEO naval platform (TRL4) partner with NIOA
- Aviation**
- **MRO** Sharp Airlines, King Island Air, Premier Helicopters, GAM
 - **Form 1** 5Rings, Air Ambulance Vic, AgAir, GAM, FAA 137 – OverWatch Imaging (USA)
 - **PMA (pending)** King Air Type 200/200 FOD Shields

Key Partners

Materials – Toray, Huntsman Advanced Materials, Colan, PPG (Aerospace), Loctite, Araldite and Gurit

Engineering - Axistek Engineering, , Memko, Melbourne Testing Services

Design platforms- Altair HyperWorks and SolidWorks 2023

Capabilities

In-house custom pre-preg manufacture.

In and out of autoclave manufacture of carbon, aramid, olefin and glass fibre.

Compression moulding and High-Pressure RTM to 200T / 180C.

FEA ply by ply analysis, CAD part and tooling design.

CNC tooling manufacture, component trimming, core and ply cutting.

Class 2 clean room, dedicated cutting room, temp controlled material stores

Surfacing and finishing with PPG Aerospace product

Differentiators

35 years experience in marine, motorsport and aviation composites

OEM capabilities with SME cost base

A flexible, agile, scalable team (FAST) to meet client surge demands

Qualifications and accreditations

World Sailing Licensed Boat Builder

ISO 9001-15 and 14001-15

ISO AS9100 (Pending)

SolidWorks 2019 global Entrepreneurs Award Winner

Deakin University ManuFutures Partner, Curtin University Additive Partner

Australian Missile Corporation Partner

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