airspeed

an Australian company specialising in the application of composite materials for aerospace, maritime and energy-related projects.

core capabilities

- Extensive experience in the design of composite structures using empirical methods, finite element analysis, computational fluid dynamics and RF transmissivity analysis tools.
- Aerospace manufacturing using our multi-axis filament winder, autoclave and curing ovens to produce (cored or monolithic) carbon, aramid, quartz and glass structures. (Our maritime structures use resin infusion for optimal weight saving, strength and cost).
- Value add to composites via in-house R&D programs on material toughness, out-of-autoclave manufacturing and Low Observable (LO) materials.
- Demonstrated track record of modifying fixed- and rotary-wing 'platforms' to become special missions 'capabilities' through incorporation of radars, radomes, C2 and ISREW systems.

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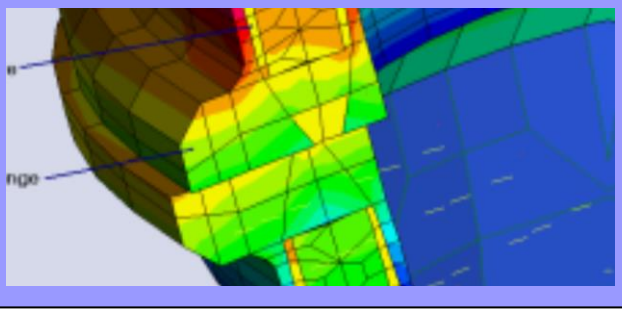
Radome built and manufactured by Airspeed for the Defence Science and Technology Organisation (DSTO) Defence Experimentation Airborne Platform (DEAP)

active projects

Original Equipment Manufacturer (OEM) for a suite of airborne equipment pods qualified and flown on a range of military aircraft including: PC-9/A, BAES LIF Hawk, F/A-18A/B 'Classic', F/A-18F 'Super Hornet', E/A-18G 'Growler' F-111C/G and our in-house R&D platform (Marchetti S211).

CASA Part 21 structures and flight testing.

Filament-wound pressure vessels for rocket motor casings and special purpose applications on submarines and warships.



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