



Experts in Composite & Bonded Materials Maintenance

Australia's MRO partner for composite structures – from rotary to turboprop, business jet and commercial airlines, serving the Asia Pacific region

31+

Years Experience

100%

Aviation Focused

1,000sqm

Purpose-Built Facility





Who We Are

AVC specialises in the maintenance and repair of composite and bonded aircraft structures.

With over 30 years of experience, we deliver cost-effective, durable solutions by combining SRM-approved processes with cutting-edge technology – anywhere in Australia.





AVC

Our Solutions

Delivering comprehensive support for aircraft of all types, from turboprops to modern commercial jets.



Full Maintenance, Repair, and Overhaul Portfolio (MRO)

Testing, repair, maintenance, overhaul & modification of nacelles, radomes, flight controls and all composite parts.



CASA Part 145 Accredited

Meeting the highest regulatory standards for aeronautical maintenance across all scope categories.



Tailored Repair Solutions

Our engineers collaborate with local design teams to develop custom, approved repair schemes.



Asia Pacific Trusted Partner

Preferred by airlines across the region for reliable, flexible on-wing and workshop support.



What We Fix

AVC specialises in the maintenance and repair of composite and bonded aircraft structures.

AVC offers comprehensive repair, modification and overhaul services and painting, including On-Wing repair support for a wide range of aircraft

Airbus

Bell

Boeing

Bombardier

BAE Systems

Cessna

De Havilland

Embraer

Beechcraft

Piper

Gulfstream

Learjet

Pilatus

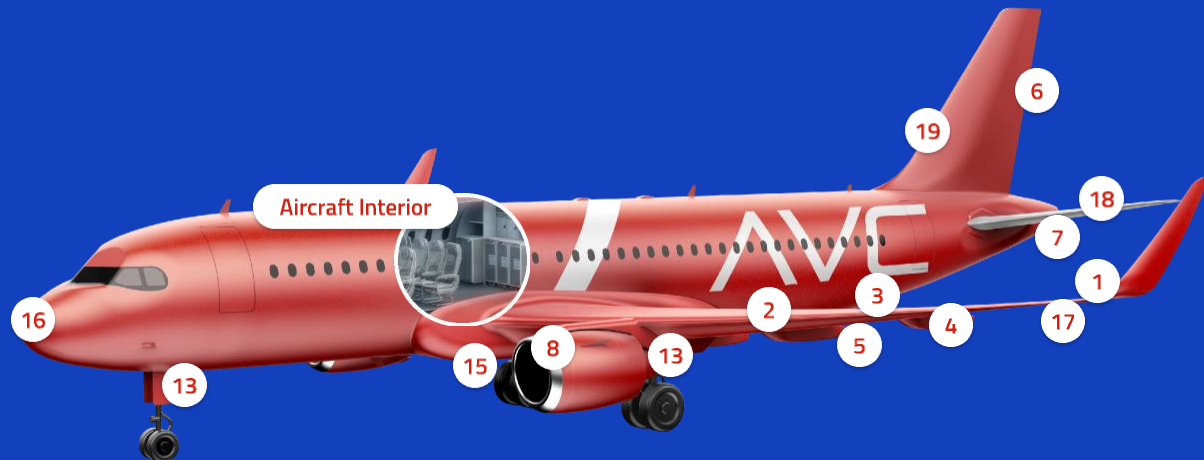
Sikorsky

+ More



AVC

Complete Repair and Overhaul Service



Flight Controls

1. Aileron
2. Slat
3. Flap
4. Spoiler
5. LE Flap
6. Rudder
7. Elevator

Nacelle

8. Inlet Cowl
9. Fan Cowl
10. Thrust Reverser

Structural Components

11. Wing Fixed LE
12. Wing Fixed TE Panels
13. Landing Gear Doors
14. Flap Track Fairings
15. Body Fairing
16. Radome
17. Winglet
18. Horizontal Stab Leading Edge
19. Vertical Fin Leading Edge

Aircraft Interior

- Aircon Ducting
- APU Ducting
- Floor Panels
- Wall/Celling Panels
- Seats
- Galleys
- Lavatory

Trusted for 22+ Years

What long-term clients say about our expertise, quality.

'AVC has always been a great partner for our Composites & Painting needs, providing expertise and advice on layup techniques and tooling'

General Manager – InnovAero

'AVC have provided exceptional with advice, service, and their patience for when we have loaded them up with more work, nothing was too much trouble.'

Heliflite Manager (WA)

Ask about for our references
relative to your project



Highest Standards for Aeronautical Maintenance

AVC is an accredited CASA Part 145 facility, meeting the highest standards for aeronautical maintenance.

Our licensed scope spans a wide range of specialisations, enabling us to deliver comprehensive services.

Certifications

Accredited Service, Expertise & Facilities

OW

On-Wing Aircraft

C1

Air Conditioning & Pressurisation

C6

Interior Equipment & Furnishings

C18

Protection (Ice/Fire/Rain)

C20

Structural Repairs & Modifications

D3

Composites

Surface Finishing/Painting



On-Wing Support

Maintenance and Repair Tasks performed on Aircraft with our Mobile Repair Team ready at short notice to support on site.



Certifications

On-Wing Support

All repair services can be performed at our facility or on-wing, with full repair, certification and engineering support carried out to OEM standards - under our CASR 145 approvals.

We can operate as an approved subcontractor under your approvals, completing complex composite repairs and spray painting finishes directly in your hangar.



Certification & Engineering Support

Repair, certification and engineering support carried out to OEM standards under our CASR 145 approvals.



Approved Subcontractor

Able to complete complex composite repairs and spray painting finishes as an approved subcontractor under your approvals in your hangar.



Weekend & AOG Response

Specialist trained composite technicians dispatched with tooling and approved materials to the flight line to reduce or avoid unscheduled downtime.



Travel Australia-Wide

Well equipped and capable of travel to your location throughout Australia, where it meets Part 145 guidelines and AVC approvals.



C1 - Air Conditioning & Pressurisation

Repairs of:

- APU Ducting
- Composite Ducting
- Rigid + Flexible Interior Ducting
- Insulation Blanket Repairs





C6 - Interior Equipment & Furnishings

Repairs and Maintenance for:

- Floor Panels
- Wall/Celling Panels
- Seats
- Galleys
- Lavatory's





C18 - Protection (Ice/Fire/Rain)

De-Ice Boot

- Inspect
- Repair
- Replacement



AVC

C20 - Structural Repairs & Modifications

Inlet/Engine Cowls

- Acoustic Panel Replacement
- Leading Edge (Bleed Air) Repairs
- Brackets & Fittings Replacement
- Rub Strip Replacement





D3 - Composites

- Wet Laminating
- Vacuum Bagging
- Pre-Preg Hot Bonding
- Metal Honeycomb Hot Bonding



AVC

D3 - Surface Finishing/ Painting

Inlet/Engine Cowls

- Pressure Pack Painting
- Spray
- Gun Painting





Quality Management System

Quality & inspection have been at our core from day one.

Every stage is meticulously documented, our tracking system resolves issues swiftly.

01. Documented Production

Every stage of production and inspection is recorded with full traceability from receipt to sign-off.

02. Rapid Issue Resolution

Robust tracking system identifies and resolves defects before they impact delivery or airworthiness.

03. Total Quality Management

Rigorous TQM practices applied across all processes, maintaining our standing in the composites industry.

04. Long-Term Partnerships

Strong relationships with customers and material suppliers underpin consistent, reliable outcomes.

State of the art Repair Facilities

Equipped with the latest technology to ensure the highest quality repairs.

CASR Part 145 Compliant

Compliance with rigorous standards regarding facilities, personnel, equipment, procedures, and safety management.

Controlled Laminating Room

Environmentally controlled with full vacuum bagging capability for precision repairs.

Curing Ovens

Vacuum and cure cycle temperature data logging for composite integrity assurance.

Downdraft Paint Booth

Large-capacity booth to Australian standards with two-part preparation booths.

Sheet Metal Workshop

Dedicated fabrication area for custom metalwork repairs and bracket manufacture.

Computer-Controlled Hot Bonders

Precision heater blanket systems for accurate, repeatable composite bonding.



Get In Touch

Trusted specialists in aircraft composites, delivering precision repairs, manufacturing, and support you can rely on.



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