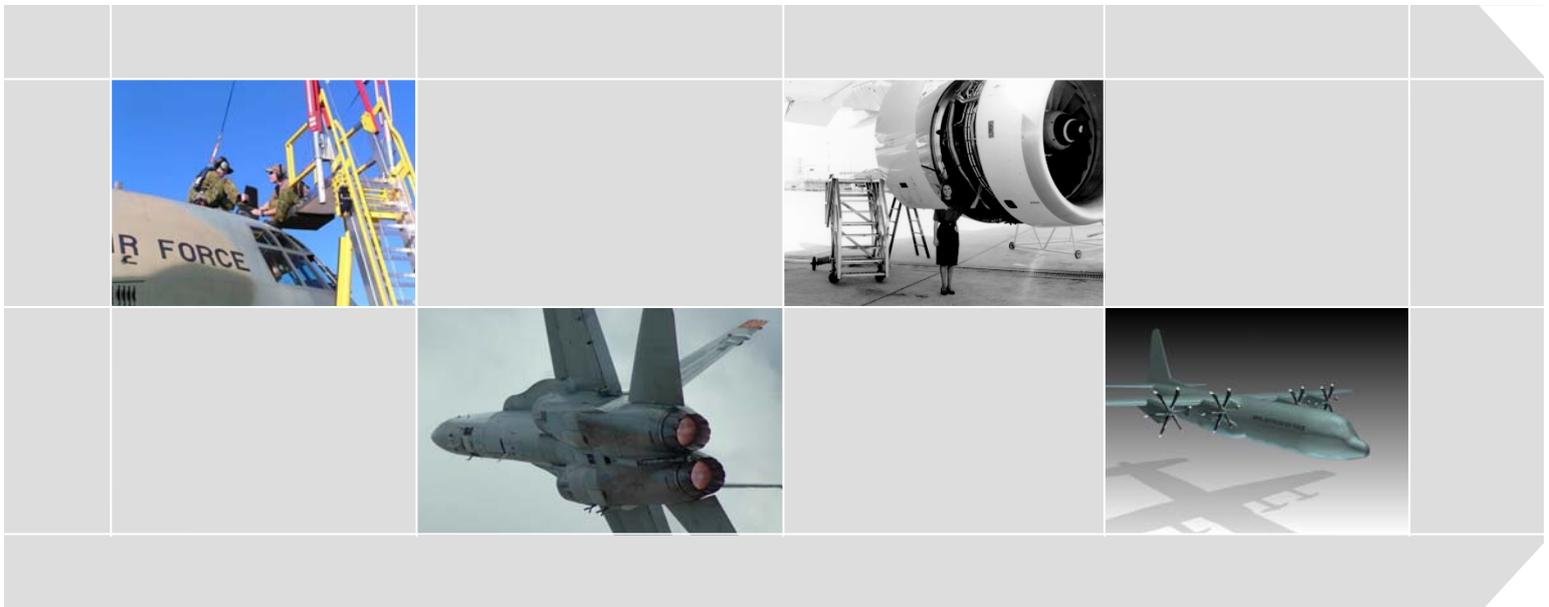


AEROSPACE CAPABILITY STATEMENT



“...a new level of engineering excellence.”

*Our Customers
are at the centre
of everything
we do*

OUR COMPANY

Aerospace & Mechanical Consulting Engineers Pty Ltd, trading as AMCE, is an Australian owned small-to-medium enterprise, providing engineering and logistics support services primarily to the Australian Defence Force, since 1994.

Our company has a broad and comprehensive background in engineering and logistics support relating to military platforms and commercial aircraft in the fields of airframe, systems and propulsion.

AMCE enjoys a highly successful partnership with its Customers, attributed to a strong Customer focus and highly professional, capable and dedicated staff. Our Customers are at the centre of everything we do.

DELIVERING ON OUR COMMITMENT

AMCE has built a reputation for excellence in customer service, engineering innovation and integrated logistics support.

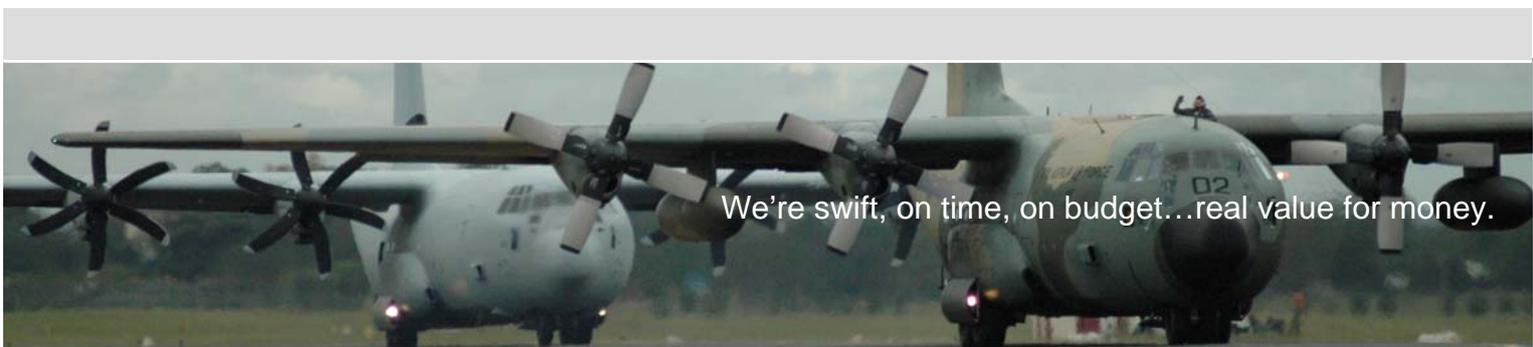
AMCE is committed to delivering innovative and cost-effective technical excellence, protecting the environment, and providing the Defence and civil aerospace industry with real value for money.

*We deliver on
our promises*

We are continually refining our services to ensure we not only satisfy our customers' expectations but anticipate how their expectations will change in the future. In the ever changing global strategic environment, we understand there is increased emphasis on mission readiness and mobility upon our customers. As a result, AMCE ensures its services are flexible and adaptable in responding to the customers changing capability and operational requirements.

AMCE has a proven record in managing and delivering optimal outcomes involving both simple and complex engineering projects, which is a direct result of innovative thinking, effective cost estimates, identification and management of risks, and realistic scheduling. We deliver on our promises.

Our Customer base includes Royal Australian Air Force, Royal Australian Navy, Kellogg, Brown & Root, Marshall Aerospace, and Goodrich China.



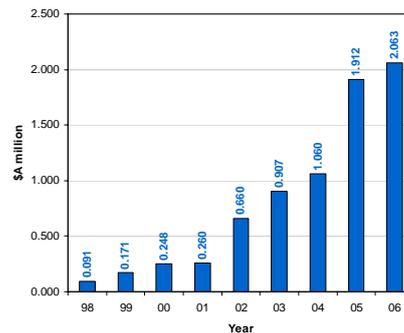
We're swift, on time, on budget...real value for money.

OUR BUSINESS

Since its foundation in 1994, our company has continued to grow as an enterprise.

*Being a
good business
is important
to our future*

AMCE sales have grown dramatically through investment and innovation with annual revenues now exceeding A\$2M.



A continuous record in sales improvement

AMCE has grown steadily from 2 people to currently employing 20 of the very best in professional engineers and specialist technical officers, and is operating from two facilities in New South Wales Australia.

We are committed to growing our skills and capabilities to ensure we have the capability and capacity to support our Customers into the future.

Understanding our Customers and their expectations, and how to meet those expectations, is the key to enhancing our position as one of the best engineering organisations in the world.



We're flexible, adaptable and responsive.

OUR CAPABILITIES

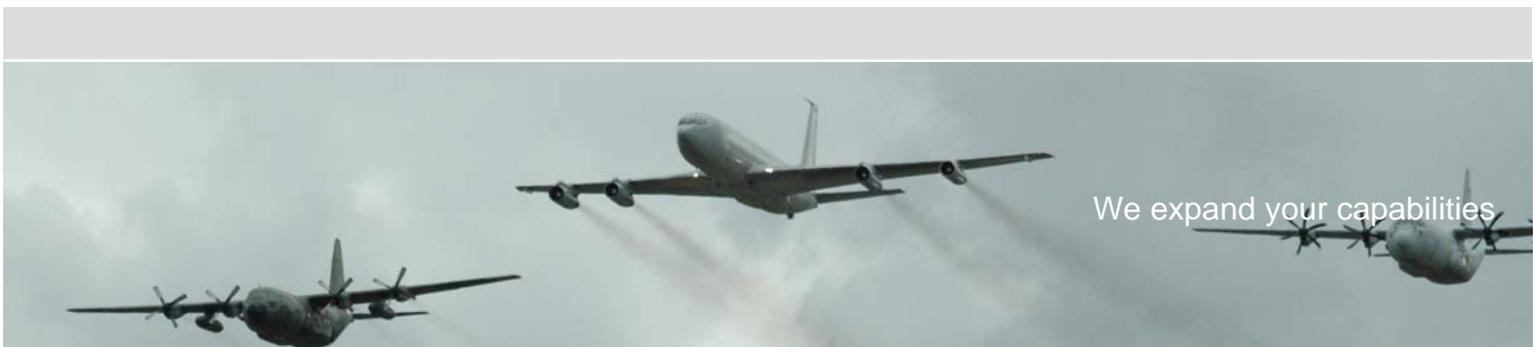
Our capabilities
are broad
& comprehensive

AMCE specialises in design development, design certification, analysis, test & evaluation, defect investigations, continued airworthiness instructions and logistics support involving airframe, systems, and propulsion. Our engineering capabilities are broad and comprehensive, comprising the following categories:

- Capability Development
- Structures
- Mechanical Systems
- Propulsion
- Interiors
- Avionics
- Armament
- Support Equipment
- Safety Systems
- Reliability & Maintainability
- Forensic Engineering
- Integrated Logistics Support

<i>Capability Development</i>	<ul style="list-style-type: none"> > Specification development > Qualification Plan development > Concept & detailed design development > Analysis (structural; electrical load) > Test & Evaluation planning > Validation & Verification > Weight & Balance > Supplemental Type Certificate Applications
<i>Structures</i>	<ul style="list-style-type: none"> > Composites and metallic structure > Design Development > Repair Development > Analysis (classical methods; Finite Element) > Fatigue Analysis > Fracture Mechanics & Damage Tolerance Analysis > Structural Integrity Management > Structural testing
<i>Mechanical Systems</i>	<ul style="list-style-type: none"> > Design development > Modification development > Repair development > Defect investigations > Test rig design, commissioning, correlation
<i>Propulsion</i>	<ul style="list-style-type: none"> > Performance analysis > Structural integrity management > Defect investigations > Repair development > Life extension evaluation > Test bed commissioning > Engine condition monitoring

<i>Avionics</i>	<ul style="list-style-type: none"> > Specification development > Qualification Plan development > Concept & detailed design development > Electrical load analysis > EMI/EMC Test & Evaluation planning > Validation & Verification
<i>Systems Safety</i>	<ul style="list-style-type: none"> > Failure Mode, Effects & Criticality Analysis (FMECA)
<i>Armament</i>	<ul style="list-style-type: none"> > Stores Clearance analysis > Stores Clearance approval
<i>Reliability & Maintainability</i>	<ul style="list-style-type: none"> > Condition monitoring > Maintenance Requirement Determination
<i>Support Equipment</i>	<ul style="list-style-type: none"> > Specialist in aviation safety practices > Ground Support Equipment fit for purpose evaluations > Tooling design development
<i>Integrated Logistics Support</i>	<ul style="list-style-type: none"> > Technical writing and publications > Spares Assessments > NSN codification > SDSS amendments
<i>Forensic Engineering</i>	<ul style="list-style-type: none"> > Crash investigations > Defect investigations > Expert witness
<i>Audits</i>	<ul style="list-style-type: none"> > Physical configuration audits



We expand your capabilities

OUR EXPERTISE

*Our expertise
is
extensive*

Our professional engineers and specialist technical officers collectively have considerable expertise involving a wide range of aircraft and engines. They have been providing engineering and integrated logistics support services to the domestic and international aerospace sectors for many years, and are conversant with a large range of civil and military certification requirements.

Aircraft

Airbus	A300, A310, A320, A330, A340, A380
Boeing	B707, B737, B575, B767, B747, B777, MD80, MD90, MD11, CH-47 Chinook
British Aerospace	BAe-146, Jetstream 31
Fokker	F-28
Lockheed Martin	C130E, C130H, C130K, C130J, P3 Orion, F-35 JSF
Aermacchi	M-346
Sikorsky	S-70B-2 Seahawk, SH-60 Black Hawk, S-76
Eurocopter	AS350B2 Squirrel, EC-135, AS 365
Westland	Sea King
Bell	UH-1H Iroquois, 206, 212
De Havilland Canada	DHC-4 Caribou, DHC-6 Twin Otter, DHC-8
Pilatus	PC-9, PC-12

Engines

Pratt & Whitney	JT-3D, JT9D, J52, R2000, PT6A-62
Rolls Royce	T56-A-7, T56-A-14, T56-A-15, AE2100, RB211, Gnome, Spey 550
General Electric	T700-401C, T700-701C, CF6-80
Turbomeca	Arriel 1B
Lycoming	T55-L-11C, T53-L-13, ALF502



OUR TOOLS & INFRASTRUCTURE

To enhance and support our capabilities, AMCE has invested in a wide range of engineering and business software tools, including:

*Investment
& innovation
are key
to our success*

- > CATIA V5
- > Enovia Smarteam (product data management)
- > AutoCad 2008
- > Inventor 2008
- > Mechanical Desktop 2008
- > HP Plotter
- > ANSYS (Finite Element Analysis software) V11
- > MS Project Server 2003 (resource, schedule & cost management tool)
- > MS SharePoint Portal Server 2003
- > Microsoft Project 2003
- > Virtual Private Networking (global access to AMCE servers)

Our investment in tools and infrastructure play a key role in reducing cost and increasing business effectiveness. They also empower our people to make informed decisions and provide the best possible customer service.

We will continue to invest in the most up-to-date innovations to ensure our business health and the success of our customers.

CONTACT US

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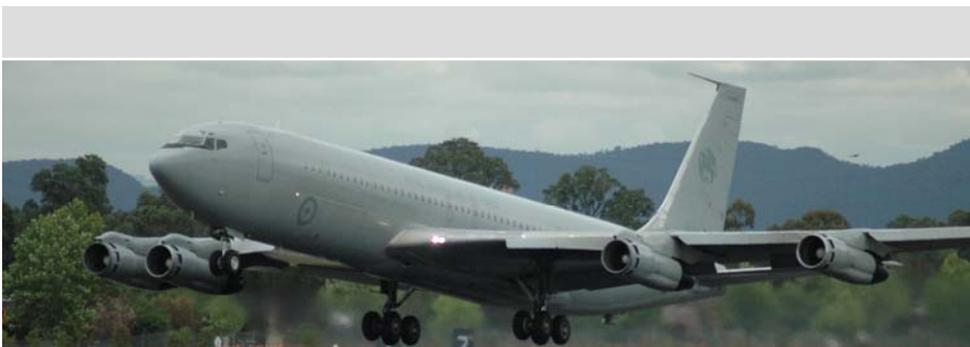
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We get the job done.