



Department of State and
Regional Development

First for Business

NSW Aerospace Industry

Growth Industry Profile



By courtesy of Department of Defence



The aerospace industry covers the manufacture of aircraft and services to air transport. It includes:

- design, development, manufacture and supply of structural components
- systems engineering and avionics
- manufacture of light aircraft
- repair, maintenance and overhaul services
- pilot and engineering training
- development of airport and air traffic management products and services.

NSW is home to many innovative companies supplying the domestic defence and civilian markets. These companies are integrated into global supply chains, designing and manufacturing for major projects such as the Airbus A380, Boeing 787 and the Joint Strike Fighter.

Aerospace companies are found throughout the State with key industry clusters in Sydney, Hunter, Illawarra, New England and Shoalhaven regions. These are located close to some of Australia's leading defence and civilian aviation and aerospace infrastructure.

- NSW accounts for over half the Australian aircraft manufacturing industry's sales and service income.
- NSW is home to over 200 specialist businesses operating in aircraft manufacturing and air transport services.
- NSW two-way trade in aerospace products topped \$1.1 billion in 2005–06. Major trade partners include the US, UK, France, Canada, Japan, Italy, and China.



New South Wales Government

Leading aerospace companies:

Australian Aerospace (Eurocopter)	Helicopter and aircraft engine maintenance
BAE Systems	Aircraft assembly, maintenance, repair and overhaul
Boeing Australia	Aircraft maintenance, repair and overhaul
GKN	Design of structural and electronic components
Goodrich	Assembly, repair and overhaul of fuel, hydraulic and electrical components
Hawker de Havilland	Aircraft structural component design and manufacture
Lockheed Martin Australia	Aerospace defence electronic systems
Qantas Defence Services	Aircraft maintenance, repair and overhaul
Raytheon Australia	Avionics, electronics and combat systems
Turbomeca Australasia	Helicopter engine assembly and maintenance

Specialist providers:

Airborne Australia is a designer and manufacturer of microlights and hang-gliders, with products exported globally. The microlights are used for a variety of recreational and commercial purposes, including crop dusting and conservation.

Broens Industries is an advanced, high-tech engineering company, delivering precision engineering, tooling, special purpose machinery and automation solutions across industries including aerospace, automotive and marine, for commercial and defence sectors.

Byron Aviation has over 40 years experience in providing design, maintenance and manufacturing services to commercial airlines and defence. The company provides structural services for the aerospace industry including interior modifications, in-flight equipment and ground support equipment.

Hawker Pacific is a leader in aviation sales for fixed wing and rotary aircraft, and offers product support and engine overhaul and design for the civil and defence sectors.

Thomas Electronics is a leading supplier of display technologies and electronic systems, catering to both the defence and civil aerospace sectors. The company is a major repairer/supplier of cathode ray tubes and avionic display systems.

Varley specialises in the design and manufacture of lightweight structures for deployability and ground support equipment. Products include aircraft ground support equipment, vehicle body modules, shelters, containers, satellite terminals, work-stands, docking stations, jigs and fixtures.

For further information, contact:

New South Wales Department of State and Regional Development

GPO Box 5477 Sydney NSW 2001 Australia Tel: +61 2 9338 6600 Fax: +61 9338 6676 TTY: 1800 777 022
Email: DSRDaerospace@business.nsw.gov.au www.business.nsw.gov.au

Key Infrastructure

Many of Australia's defence facilities and personnel are located in NSW.

- RAAF Base at Williamstown, Australia's primary fighter base.
- RAAF Base at Richmond, which supports the RAAF's air transport fleet.
- HMAS Albatross at Nowra, home of the Royal Australian Navy's Fleet Air Arm, the largest operational naval establishment in Australia.
- 33 per cent of Australia's permanent defence force personnel and 38 per cent of Australia's air force personnel are located in NSW.

Kingsford Smith International Airport (Sydney Airport) is one of the busiest passenger airports in the Asia Pacific.

- Sydney Airport accounts for over 46 per cent of Australia's international passenger traffic movements. Passenger numbers are comparable to both Singapore's Changi and Tokyo's Narita airports.
- More flights and passenger airlines service Sydney Airport than any other Australian airport. 143,000 seats on 38 airlines depart each week.

NSW offers a highly educated workforce and key aerospace education and training.

- 55 per cent of the NSW working age population is tertiary educated, the highest proportion of all Australian states.
- Degree and vocational courses in aerospace related fields are available at:
 - The University of NSW
 - University of Sydney
 - University of Newcastle
 - TAFE NSW - Sydney, Padstow, Wagga and Tamworth campuses.

NSW is the leading state for business expenditure on research and development, accounting for \$3.1 billion or 37 per cent of Australia's total. Organisations in NSW with expertise in the aerospace industry include:

- National ICT Centre of Excellence
- Australian Research Council Centre of Excellence for Autonomous Systems
- Australian Research Council Centre of Excellence for Mathematics and Statistics of Complex Systems
- Cooperative Research Centre for Advanced Composite Structures.

NSW Government Support

NSW Department of State and Regional Development services include inward investment assistance, industry innovation support, export development support, and regional development programs and services.