

AVIATION EDUCATION AND TRAINING



Australian Government
Australian Trade and Investment Commission





Image courtesy of Flight Training Adelaide

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Publication date: February 2017

Companies and Capabilities (page 12 to 19) updated: June 2018

LAUNCHING INTERNATIONAL AVIATION CAREERS



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From fixed and rotary wing pilot training, to broader aviation training that includes engineering, maintenance and air traffic management, Australia offers internationally approved programs.

The Australian aviation sector is well respected, with a long and distinguished history dating back to the early days of flight. Australia's geographic size, vast interior and considerable distance from trading partners have required air transport to play a significant role in the nation's economic development. Today, Australia continues to make an important contribution to international aviation and manages 11 per cent of the world's airspace.

Major Australian airlines have an enviable safety record. No fatal accidents involving civilian high-capacity aircraft have occurred in Australia for nearly 50 years. Australia has a robust aviation safety framework and a well-respected approach to aviation regulation.

As an active representative on the International Civil Aviation Organization (ICAO) governing council, Australia has helped to shape the global standards and guidance for civil aviation safety, security, efficiency and environmental sustainability.

Australia works closely with international partners to help improve their civil aviation safety and security capabilities. Examples

include providing transportation safety and security assistance to Indonesia, Papua New Guinea and several Pacific Island countries covering areas such as technical support, training, supply of personnel and air traffic management services.

Domestic aviation training organisations are well placed to deliver internationally recognised aviation qualifications to international students in a wide range of programs and courses, including pilot training (fixed and rotary wing), flight instruction, aviation engineering, aviation maintenance, simulation, air traffic control and aviation management and operations.

The Australian aviation training sector has responded to the increased global demand for commercial pilots. Education and training providers are attracting increasing numbers of overseas students, and inward investment in the industry is strong. For international organisations and government bodies seeking state-of-the-art, internationally recognised aviation and aerospace training and education providers, Australia is the ideal destination.

Image courtesy of Flight Training Adelaide



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LEADING TRAINING AND INFRASTRUCTURE

Australia has a number of natural advantages, offering some of the best weather and geography for flight training in the world. Widely varying landscapes, plenty of open spaces and low levels of air traffic in many parts of the country make Australia an ideal destination for pilot training. Training institutions do not require specific permits to use airspace below 8,500 feet, which enables trainees to fly more often and complete courses faster than in locations where military restrictions limit flying hours to specific times. This in turn delivers reduced costs and improved efficiency measures.

Australia's strict aviation standards are seen as a benchmark by many nations. Training organisations are required to meet strict domestic and international

standards set by Australia's Civil Aviation Safety Authority (CASA). This, combined with the natural advantages of Australia's training environment, means that many pilots trained in Australia are now flying with international airlines. The ability to meet the highest safety standards in the aviation sector is one of several reasons why Australia's governance framework, safety standards and air traffic management training are also highly sought after in the global market.

Australia offers access to modern airport engineering and air traffic management infrastructure. State-of-the-art, purpose-built aviation training facilities allow students to work on real and simulated aircraft, learning the right skills in the right environments. Students also receive on-the-job training and are awarded Australian certifications that meet the most stringent international standards.

UNIVERSITY AND VOCATIONAL EDUCATION

Australian universities and vocational education and training institutions offer world-class courses in aerospace engineering, attracting international students and collaborations with international education bodies. Complementing this, Australian industry providers offer pilot training, aviation / aeronautical engineering and aviation management and operations training, in addition to cabin crew training and aviation English.



Aviation Australia – assisting the global aviation workforce

As the global aviation industry continues to experience significant growth, some of the world's largest airlines, across some of the world's fastest-growing markets, are looking to Aviation Australia (AA) training and services.

Students from Aviation Australia's European Aviation Safety Agency (EASA)-approved basic engineering course are in high demand as they graduate with the knowledge and skills that make them job-ready. Airlines report that AA graduates outperform other candidates when it comes to practical experience and hand skills. Since 2008 recruitment of AA graduates has been ongoing by airlines including Etihad Airlines, Malaysia Airlines and Air Asia, who have deployed graduates across Europe, Asia and the Gulf.

Aviation Australia also partners with multinational aerospace organisations such as Hawker Pacific to develop and design internationally recognised packages of theoretical and live aircraft practical training. These training packages have been successfully deployed throughout Asia, the

Pacific and the Middle East. This partnership ensures that students have access to the latest aircraft types for live aircraft practical training across Hawker Pacific's extensive network of maintenance bases.

Large airlines have also seen the advantages of using Aviation Australia expertise for a cost-effective and timely solution to a wide range of requirements. As the company holds approvals with many global regulatory bodies (including EASA, CASA, and the United Arab Emirates General Civil Aviation Authority GCAA), they have a unique ability to assist a diverse customer base. Recently, AA was contracted by GAMECO, the engineering division of China Southern Airlines. The project took place across China and Australia and provided detailed support to GAMECO for approval from EASA as a Part 147 Maintenance training organisation.

Located in Brisbane and Cairns, and owned by the Queensland Government, Aviation Australia offers intelligent solutions to workforce, training and regulatory requirements, enabling aerospace companies to keep pace in the dynamic aviation industry.

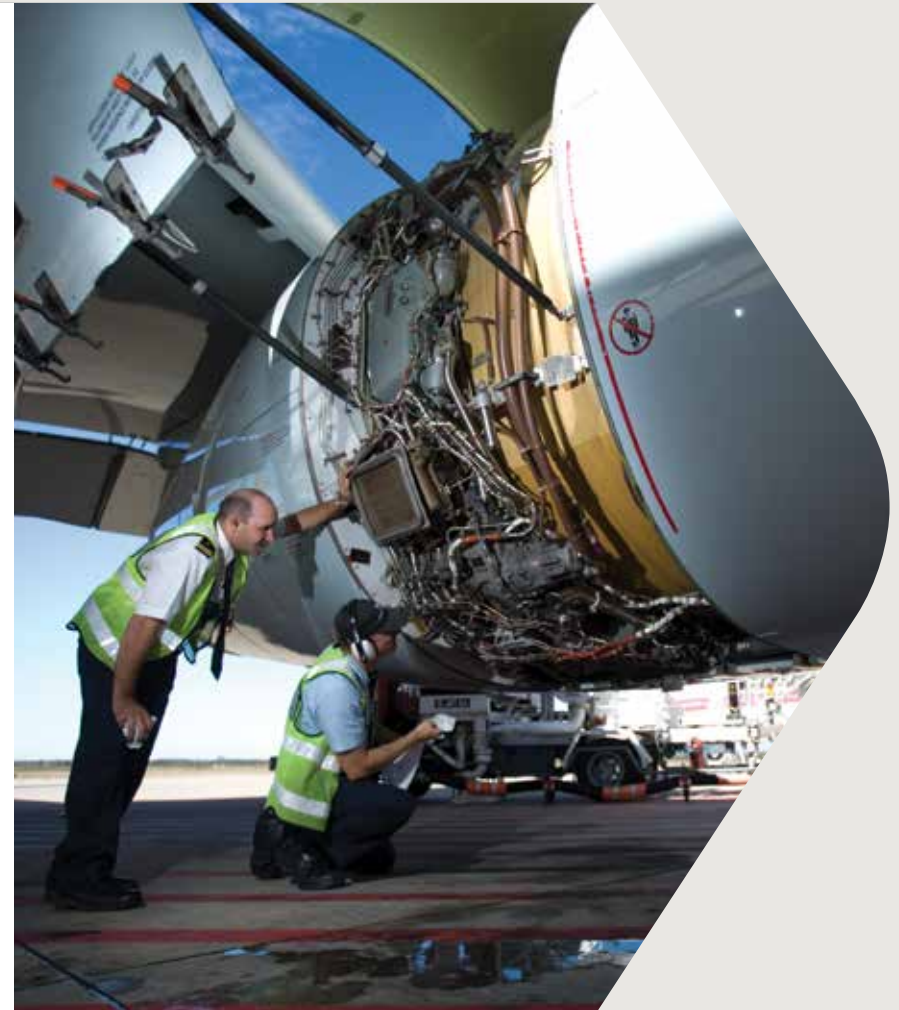


Image courtesy of Aviation Australia

Careers take off at Flight Training Adelaide

Airlines around the world are looking to Australia as an ideal setting for pilot training and Flight Training Adelaide (FTA) is a leader in this field. The company has been training airline cadets since 1982, working with many of the world's major airlines along the way.

As well as serving Australian carriers such as Virgin Australia, QantasLink and being an approved training provider for Australia's national carrier Qantas, FTA is currently providing training for Cathay Pacific, Cathay Dragon, Hong Kong Government Flight Services, China Airlines and the Hong Kong Civil Aviation Department. Different aviation customers have their own requirements for courses and FTA caters for all of these. It also ensures that its training courses are delivered to the standards set by different Civil Aviation Regulators and that they meet the rigorous requirements of the various international regulatory bodies.

By partnering with so many different airlines, FTA has developed a broad understanding of the unique training practices and cultural operating environments of each individual airline, and the company continues to deliver tailor-made training solutions for aviation companies around the world.



Image courtesy of Flight Training Adelaide



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The following table provides some examples of companies and their capabilities.

Contact your local Austrade representative for assistance connecting with the Australian businesses that best suit your requirements.

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Organisation / Institution / Faculty	Pilot Training Fixed Wing	Pilot Training Rotary Wing	Flight Instructor Training	Aviation Engineering Training / Aviator Maintenance Training	Simulation Training	Air Traffic Control Training	Aviation Management / Operations	Other Training (including specific pilot training ratings and endorsements)	Diploma / Graduate Diploma	Bachelor Degree	Masters Degree	Other Certification
Airflite Flying College	●		●	●				Integrated CPL, CPL, RPL, PPL MEACR, MEAIR, MPPC, RU, Grade 3, Grade 2 and Grade 1 Instructor Ratings				CASA Part 141/142
Air Gold Coast Pty Ltd	●		●					Diploma of Aviation - CPL (Aeroplane); Diploma of Aviation - Instrument Rating; Diploma of Aviation - Flight Instructor				
Ansett Aviation Training					●			Simulator training - A320, B737, BAe146, Fokker F100, Dash 8 100/200/300, SAAB 340, Kingair 350/200 Proline 21, Kingair 200 analogue, Emb 120, Metro III/23				
Australian Airline Pilot Academy	●		●	●				Diploma of Aviation (CPL) and Diploma Of Aviation (Instrument flying)				Cert III in Aviation (Cabin Crews)

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Australian Pilot Training Alliance	●		●	●			●	PART 141/142	Diploma / Graduate Diploma			RTO 22508 CRICOS 02844F
Australian Wings Academy	●		●						Diploma of Aviation			
Aviation Australia	●			●	●	●	●	General English Language Training; Aviation English; English for Academic Purposes; Airport Operational Management; CASA Part 145 and 147 Approval Consultancy Services; EASA Part 145 and 147 Approval Consultancy Services	Diploma of Aviation (CPL - Aeroplane); Diploma of Aviation (Instrument Flight Operations); Diploma of Aviation (Instrument Rating); Diploma of Air Traffic Services; Diploma of Aeroskills (Avionics/Mechanical); International Diploma of Aircraft Maintenance Engineering; Advance Diploma of Aviation (Pilot in Command)			Certificate IV in Aviation (CPL); E1, E4, E5 Exclusion Removal Training; Part 66 Licence Requalification Training; B2 to B1 Practical Competency Training Courses; B1 to B2 Practical Competency Training Courses; Part 147 Approved Aircraft Type Training - Boeing 737 600/700/800/900 (CFM56) - B1.1 Exclusion Removal; CASR Part 66 Module 10 - Aviation Legislation (5 Day Course); Prevent Ozone Depleting Substance and Synthetic Greenhouse Gas Emissions (CPPFES2043A) - Online Short Course; Part 145 Initial and Continuation Training; Part 66 Examinations; Part 147 Approved Aircraft Type Training - King Air 350; Skills Recognition/ Recognition of Prior Learning; CASR Part 145 Awareness; Human Factors; EWIS; FTS/CDCCL; RVSM; ETOPS; CASR/EASA/GCAA Part 66 Training Material; CASR/EASA/GCAA Part 66 Examinations; Live Aircraft Training in Industry; MCC; Jet Orientation; UPRT; Certificate II in Aeroskills; Certificate II in Aircraft Line Maintenance; Certificate III in Aircraft Surface Finishing; Certificate IV in Aeroskills (Avionics/Mechanical Structures); Certificate III in Aviation (Ground Operations and Service); Certificate II in Aviation (Flight Operations); Certificate IV in Leadership and Management

Organisation / Institution / Faculty	<i>Pilot Training Fixed Wing</i>	<i>Pilot Training Rotary Wing</i>	<i>Flight Instructor Training</i>	<i>Aviation Engineering Training / Aviator Maintenance Training</i>	<i>Simulation Training</i>	<i>Air Traffic Control Training</i>	<i>Aviation Management / Operations</i>	<i>Other Training (including specific pilot training ratings and endorsements)</i>	<i>Diploma / Graduate Diploma</i>	<i>Bachelor Degree</i>	<i>Masters Degree</i>	<i>Other Certification</i>
Basair Australia Pty Ltd	●		●	●			Night VFR; UPRT; CPL; PPL; RPL; MEAIR; PIR; Tailwheel Endorsement; RG. AERO; MPPC; International Licence Conversion Service; MCC; Multi Engine Training	Diploma in Aviation - CPL; Diploma in Aviation - Instrument Rating; Diploma in Aviation - Flight Instructor; Graduate Diploma of Flight Management			Certificate III in Aviation	
Becker Helicopters Pilot Academy		●	●	●		●	English for Aviation Training and Testing; Electronic Warfare Course for Military Aviators; UAV Training and Simulation; Helicopter Search and Rescue Training	Diploma of Aviation				
Edith Cowan University, School of Engineering						●	Leadership and Management; Supervision; Human Factors; Legislative and Regulatory Environments; Aerodynamics; Meteorology; Propulsion; Flight Planning; Aircraft Performance and Loading Systems.	University Diploma in Ground Handling	Bachelor of Aviation			
Flight Options (Australia) Pty Ltd	●		●	●			Ab Initio, PPL, CPL, Instructor Rating, Instrument rating, Full motion flight simulators - Cessna Mustang C510 & King Air B200/KA350i (Initial class/type & recurrent and ATPL) Level D					

Organisation / Institution / Faculty	Pilot Training Fixed Wing	Pilot Training Rotary Wing	Flight Instructor Training	Aviation Engineering Training / Aviator Maintenance Training	Simulation Training	Air Traffic Control Training	Aviation Management / Operations	Other Training (including specific pilot training ratings and endorsements)	Diploma / Graduate Diploma	Bachelor Degree	Masters Degree	Other Certification
Flight Training Adelaide	●	●	●	●				Fixed wing - PPL; CPL; MECIR; MCC; MPL; Formation Flight; UPRT; ATPL; Flight Instructor Training; Rotary wing - PPL; CPL; MECIR; ATPL; Simulator Training - MCC, Jet Bridging Course; MPL	Diploma in Aviation - CPL; Diploma in Aviation - Instructor Training (Multi Engine); Diploma in Aviation - Instrument Rating (Multi Engine); Advanced Diploma - Pilot in Command (MCC & ATPL)			
Fly Oz Pty Ltd	●		●	●					Diploma of Aviation, CPL, Instrument Rating & Instructor Rating			
Heliwest (Rotorwest Pty Ltd t/a Heliwest)	●	●	●	●				AROC (Radio Licence); English Language Assessment; Overseas Licence Conversions; Advanced Flight Training incl NVIS/NVG and Instrument Flight; various ratings and endorsements				Cert IV in Aviation CPL(H)
Kellogg Brown & Root Pty Ltd (KBR)	●	●		●	●	●		Virtual Reality, Augmented Reality, Training Management Packages				
Moorabbin Aviation Service (Trading as Australian National Airline College)	●		●	●				PPL, Instrument Rating, Multi-Engine Endorsement	Diploma of Aviation - CPL; Diploma of Aviation - Multi Instrument Rating; Diploma In Aviation - Instructor Rating			
Moorabbin Flying Services	●		●	●				Cabin Crew	Diploma in Aviation (Commercial Pilot); Diploma in Aviation (Instrument Rating)			Certificate I in Aviation Foundation Skills

Organisation / Institution / Faculty	Pilot Training Fixed Wing	Pilot Training Rotary Wing	Flight Instructor Training	Aviation Engineering Training / Aviator Maintenance Training	Simulation Training	Air Traffic Control Training	Aviation Management / Operations	Other Training (including specific pilot training ratings and endorsements)	Diploma / Graduate Diploma	Bachelor Degree	Masters Degree	Other Certification
Par Avion Flight Training	●	●	●	●		●		Currently through University of Tasmania - Graduate Diploma of Aviation & Business				
Pearson Aviation Pty Ltd	●		●	●			Jet ratings	Diploma in Aviation - CPL; Diploma in Aviation - Instrument Rating				
RMIT University	●		●	●		●	Aerospace design and technology training; Airworthiness	Advanced Diploma of Engineering (Aeronautical)	Bachelor of Engineering (Aerospace Engineering) (Honours); Bachelor of Applied Science (Aviation)/Bachelor of Business (Management); Bachelor of Applied Science (Aviation); Associate Degree in Engineering Technology; Associate Degree in Aviation (Professional Pilots)	Master of Engineering (Aerospace); Master of Engineering (Airworthiness); Master of Science (Aviation)		
Royal Victorian Aero Club	●		●	●			PPL; RPL; CPL; Instrument Rating; Multi-Engine Endorsement	Diploma of Aviation - CPL; Diploma of Aviation - Multi Instrument Rating; Diploma In Aviation - Instructor Rating				
Soar Advanced Flight Training (SAFT)	●		●					Diploma of Aviation (CPL-A), (FIR) and (MECIR)				

Organisation / Institution / Faculty	<i>Pilot Training Fixed Wing</i>	<i>Pilot Training Rotary Wing</i>	<i>Flight Instructor Training</i>	<i>Aviation Engineering Training / Aviator Maintenance Training</i>	<i>Simulation Training</i>	<i>Air Traffic Control Training</i>	<i>Aviation Management / Operations</i>	<i>Other Training (including specific pilot training ratings and endorsements)</i>	<i>Diploma / Graduate Diploma</i>	<i>Bachelor Degree</i>	<i>Masters Degree</i>	<i>Other Certification</i>
South Metropolitan TAFE. Western Australia	●	●	●	●			●	Maintenance Simulation Training (Airbus A320 Maintenance Simulator); Water Safety and Survival (For Pilots - Fixed & Rotary Wing & Cabin Crew); Fire Safety (For Pilots - Fixed & Rotary Wing & Cabin Crew); Aviation First Aid (for Pilots & Cabin Crew); Airline/Aviation Security (for Pilots & Cabin Crew); Helicopter Crew Training (Rescue Crew and Helicopter Crew Supervisor qualifications currently being developed)	Diploma of Aviation Management; Advanced Diploma of Aeronautics; Associate Degree of Operations Management; Associate Degree of Aeronautics; Flight Instructor Training (Fixed & Rotary Wing) new Diploma level qualification currently being developed			Certificate III in Aeronautics (Commercial Pilot Theory) & Certificate IV in Aeronautics (Commercial Pilot Theory); Certificate II Aeroskills (Aeroskills Mechanical Pre-Apprenticeship); Certificate IV Aeroskills (Mechanical); Certificate IV Aeroskills (Avionics); Certificate IV Aeroskills (Structures); Certificate III in Aviation (Cabin Crew); Certificate IV in Aviation (Ground Operations and Services)
Southpac Aerospace							●	Human Factors, Human & Organisational Performance Training	Diploma of Aviation Management, Diploma of Quality Auditing, Diploma of Leadership and Management			Aviation SMS Training, Aviation Auditing and Investigation Courses, Aviation Law
Southern Aviation Pty Ltd T/a Bunbury Flying School	●		●	●				PPL/CPL/MECIR	Diploma of Aviation (CPL - Instrument Rating)			
Southern Cross University							●	Partnerships with four flight schools. CPL = 12 units of Bachelor of Business (Aviation)	●	Diploma in Aviation - Commercial Pilot Licence; Diploma in Aviation - Instrument Rating		
Swinburne University of Technology	●		●	●			●	Graduate Diploma of Aviation (Human Factors); Graduate Diploma of Aviation (Management)	Bachelor of Aviation; Bachelor of Aviation/ Bachelor of Business; Bachelor of Aviation and Piloting; Bachelor of Aviation Management; Bachelor of Aviation Management/ Bachelor of Business; Bachelor of Laws/ Bachelor of Aviation Management	Master of Aviation (Human Factors); Master of Aviation (Management)		Graduate Certificate of Aviation (Human Factors); Graduate Certificate of Aviation (Management); Professional Certificate of Aviation (Operational Safety Systems)

Organisation / Institution / Faculty	Pilot Training Fixed Wing	Pilot Training Rotary Wing	Flight Instructor Training	Aviation Engineering Training / Aviator Maintenance Training	Simulation Training	Air Traffic Control Training	Aviation Management / Operations	Other Training (including specific pilot training ratings and endorsements)	Diploma / Graduate Diploma	Bachelor Degree	Masters Degree	Other Certification
TAFE Queensland Brisbane		●	●						Diploma in Aviation - CPL (Helicopter); Diploma in Aviation - Flight Instructor (Helicopter)			
United Aero Training		●										Commercial and Private Pilots License
University of New South Wales (UNSW) School of Aviation	●		●	●		●	ATPL Theory	Graduate Diploma in Flying; Graduate Diploma in Advanced Flying; Graduate Diploma in Aviation Management	Bachelor of Aviation (Flying); Bachelor of Aviation (Management)	Master of Aviation Management; Master of Philosophy; Master of Science (Research)		PhD

List of acronyms

AERO	Aerobatics Rating	CPL (H)	Commercial Helicopter Pilot Licence	MECIR	Multi-engine Command Instrument Rating	RAAF	Royal Australian Air Force
ATPL	Airline Transport Pilot Licence	EASA	European Aviation Safety Agency	MCC	Multi-crew Cooperation	RG	Retractable Undercarriage Endorsement
AROC	Aeronautical Radio Operator Certificate	ETOPS	Extended Range Twin-Engine Operations	MPL	Multi-crew Pilot Licence	RPL	Recreational Pilot Licence
CAAC	Civil Aviation Administration of China	EWIS	Electrical Wiring Interconnection System	MPPC	Manual Propeller Pitch Control Endorsement	RTO	Registered Training Organisation
CASA	Civil Aviation Safety Authority	FTS	Fuel Tank Safety	NVIS	Night Vision Imaging System	RVSM	Reduced Vertical Separation Minimum
CASR	Civil Aviation Safety Regulations 1998	GCAA	General Civil Aviation Authority	NVR	Night Vision Goggles	UAV	Unmanned Aerial Vehicle
CDCCL	Critical Design Configuration Control Limitations	MEAIR	Multi Engine Aeroplane Instrument Rating	PIR	Private Instrument Rating	UPRT	Upset Prevention and Recovery Training
CPL	Commercial Pilot Licence			PPL	Private Pilot Licence	VFR	Visual flight rules

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> FURTHER INFORMATION

The following are some of the organisations involved in the Australian aerospace industry. Contact your local Austrade representative about connecting and partnering with the Australian aerospace industry.

GOVERNMENT AND INDUSTRY ASSOCIATIONS

Airservices Australia is a government-owned corporation responsible for providing airspace management, aeronautical information, aviation communications, radio navigation aids and aviation rescue and firefighting services to the aviation industry in Australia. airservicesaustralia.com

Australian Helicopter Industry Association (AHIA) aims to promote the Australian helicopter industry by working with governments, regulatory authorities and the community to ensure it is a safe, efficient and viable industry, readily able to adapt to the continuing needs of its customers through the pursuit of global industry best practice. austhia.com

Aviation/Aerospace Australia is the national association representing the aviation and aerospace industries. aviationaerospace.org.au

Aviation Maintenance Repair Overhaul Business Association (AMROBA) is a non-profit organisation dedicated to representing the maintenance, repair and overhaul segment of Australia's aviation industry. amroba.org.au

Civil Aviation Safety Authority (CASA) is responsible for regulating the Australian aviation industry and maintaining safety standards. casa.gov.au

The Department of Infrastructure and Regional Development is responsible for overseeing the aviation sector in Australia. Through the Department, the Australian Government contributes to the prosperity of the economy and the wellbeing of all Australians by fostering a viable, competitive and safe aviation industry. infrastructure.gov.au/aviation

Industry Capability Network (ICN) is a business network that introduces Australian and New Zealand companies to projects, both large and small, in Australia, New Zealand and other international markets. icn.org.au



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3. Ibid.





The Australian Trade and Investment Commission – Austrade – contributes to Australia’s economic prosperity by helping Australian businesses, education institutions, tourism operators, governments and citizens as they:

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- win productive foreign direct investment
- promote international education
- strengthen Australia’s tourism industry
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Our assistance includes:

- providing insight on Australian capabilities
- identifying potential investment projects and strategic alliance partners
- helping you to identify and contact Australian suppliers.

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