

# 'The future is ours to decide'

Australia is the home of key customers and partners in both the commercial and defense markets. Here's a comprehensive look at Boeing's activity 'Down Under'

The Sydney Opera House and Harbour Bridge are among the more notable landmarks in Australia, a market where Boeing has its greatest footprint outside the United States. SHUTTERSTOCK.COM

## Inside

**Q&A:** Craig Saddler, president of Boeing Australia and South Pacific, discusses this market. [Page 13](#)

**Wedgetail:** A look at Australia's largest-ever commercial-to-military aircraft modification. [Page 14](#)

**Hawker de Havilland:** Meet Australia's major aerostructures company. [Page 16](#)

**Phantom Works:** Why Boeing's advanced R&D arm is embedded in Australia. [Page 17](#)

**Subsidiaries:** What entities make up Boeing's presence in Australia? [Page 18](#)

**ScanEagle:** This unmanned aerial vehicle serves the Australian Army. [Page 19](#)

**Profiles:** Meet some of the many people working for Boeing in Australia. [Page 20](#)

**In the community:** A look at some of the many ways Boeing gives back to Australia. [Page 23](#)

By Sarah Hall

Australia—it's renowned for its outback, kangaroos, koalas, Vegemite, the Sydney Opera House and ... Boeing? That's right, Boeing. The company may not immediately spring to mind as a national icon, but for more than 80 years Boeing has played a significant role in Australia's aviation and aerospace industries. That presence extends from being the home of key customers in the commercial and defense markets to serving as important contributors in both of these business segments. Indeed, Australia has the biggest number of Boeing employees outside of the United States.

To get an in-depth view of Boeing's activities "Down Under," *Boeing Frontiers* spoke to Craig Saddler, president of Boeing Australia and South Pacific.

**Q: Why is Australia important to Boeing, and vice versa?**

**A:** Boeing's presence "Down Under" is actually its largest footprint outside the United States. This is due to the size of Australia's market for both commercial and defense products.

Many people don't realize the diversity and scale of our programs here in Australia. We have nearly 4,000 employees across 28 locations, six different business thrusts and an overall investment of more than 800 million (Australian) dollars (U.S. \$667 million). As a result, Boeing has established and maintains a reputation as much more than an aerospace company. We make significant contributions not only in terms of Australia's aerospace industry and economy, but also in terms of both products and operations. All the while, we continue to successfully partner with the Australian government and the defense and commercial industries.

**Q: What are some recent examples of Boeing's success in Australia?**

**A:** From a Commercial Airplanes perspective, we've achieved fantastic results. Qantas is the largest airline customer for the 787 Dreamliner (65 on firm order), and Virgin Blue will launch its new international airline, V Australia, with the 777-300ER, the first 777s ever sold in Australia. This is also an example of how our Australian customers are seeking fuel-efficient fleets and how Boeing can meet this demand with superior products like the 787 and 777, despite pressure on the global aviation industry through rising fuel prices. As an aside, Boeing airplanes account for about 90 percent

of the South Pacific jet fleet above 100 seats.

At the IDS end, special mention must be made of the sale of four C-17 Globemaster III military transports for the Royal Australian Air Force (RAAF), as well as the 24 F/A-18F Super Hornets that will supplement RAAF frontline fighter squadrons from 2010.

The launch this year of a Phantom Works branch in Australia, only the second outside the U.S., nicely rounds off our in-country capability.

**Q: What's the structure of Boeing in Australia?**

**A:** Boeing has seven different businesses in Australia: Alteon Training Australia, Aviall, Boeing Australia, Hawker de Havilland, Jeppesen Optimisation, Jeppesen Marine and Jeppesen Australia. They are all subsidiaries of Boeing Australia Holdings Pty Ltd., a Sydney-based company established to consolidate and focus the company's Australian presence (see Page 18).



**To get the most out of Boeing in Australia, "we need to make sure we are working together," said Craig Saddler, president of Boeing Australia and South Pacific.** BELINDA MASON-LOVERING

Commercial Airplanes Sales is also based in Sydney and provides sales and marketing support of our products, customer engineering and quality control and procurement functions.

**Q: As the chairman of Boeing Australia Holdings, what is your primary objective in securing new business moving forward?**

**A:** If we're going to get the most out of Boeing in Australia, we need to make sure we're working together. I'm committed to making sure we implement a "One Boeing" approach in all present and future business relationships. With such extensive commercial and defense programs, success will result from working together rather than setting individual agendas. My aim is to find growth opportunities for all of Boeing's Australian subsidiaries by working together.

Boeing has more than 160,000 employees across the globe. Having so much expertise and knowledge at our fingertips is a key

(Continued on Page 15)

# Sight while in flight

Why Wedgetail is a critical program to Boeing and to Australia

The Wedgetail Airborne Early Warning and Control aircraft has a heady mission. This aircraft will enhance Australia's intelligence, surveillance and reconnaissance capability and perform a range of tasks, including battle management, air defense, over-the-horizon targeting, search and rescue, and civil support operations. Not surprisingly, it's the largest commercial-to-military aircraft modification in Australia's history.

In December 2000, the Commonwealth of Australia contracted Boeing for the design, development and supply of six Next-Generation 737-700 aircraft modified into the Wedgetail AEW&C configuration. Similar aircraft were subsequently sold to Turkey and Korea.

The conversion involves the installation and integration of an advanced Multi-role Electronically Scanned Array antenna (basically a three-ton radar perched atop the 737), ventral fins and mission system equipment. The first two aircraft were modified in Seattle, with the final four at Boeing Australia's Amberley facility. In addition to this work, Boeing Australia is responsible for logistics support, as well as managing the production of the Operational Flight Trainers and AEW&C Support Centre at the Royal Australia Air Force's air base RAAF Williamtown.

The first two aircraft will be delivered in mid-2009. At that stage, they will support the initial training capability of the RAAF and be upgraded to include the certified electronic warfare system in early 2010. Aircraft No. 3, the first to be modified in Australia, entered the U.S. flight test program in January. Aircraft four, five and six will be delivered in 2010.

The Wedgetail program has faced stiff challenges during its development, mostly due to the slower-than-anticipated maturation of key subsystems and the complexity of integrating the mission system hardware and software. This has led to schedule delays and three charges against earnings since 2007 totaling approximately \$1 billion. Boeing is tackling the challenges by leveraging the company enterprise in every way to ensure ultimate success. It also engaged its suppliers and customers in building a program plan that addresses simultaneous development and production.

—Sarah Hall

In this 2005 image, a Wedgetail Airborne Early Warning and Control Aircraft flies over Sydney Harbour Bridge.

AUSTRALIAN DEPARTMENT OF DEFENCE

strength that sets us apart from other aerospace companies. This is a message I want to reinforce to our employees and customers: Despite Australia's location, we are still able to stay close and connected with Boeing across the globe.

**Q: What are the challenges of operating in Australia?**

**A:** Despite having a common language, there are significant cultural differences between Australia and the United States. A process or system that works well in America may not achieve the same result here, and I've seen this happen a few times. It's a matter of applying foresight to interpret if a plan will or won't work, and adapting it accordingly.

**Q: What are the key capabilities of Boeing in Australia?**

**A:** Too many to mention in a few sentences! All of Boeing's Australian operations are market leaders in the products and services offered. One example is Boeing Australia, which does a fantastic job maintaining defense aircraft and providing modifications and upgrades. This military support is not only a special capability, it's a vital one within the Australian market and has the potential to reach across all of Boeing through IDS Global Services & Support (formerly Support Systems).

Another great example is the amazing work Hawker de Havilland is doing with composite technology. Using advanced technology resin infusion moulding, Hawker de Havilland is building the movable trailing edge of the 787. Winning the 787 work is testament to the skills and expertise of Hawker de Havilland, as it is the

largest Australian aerospace project in history, worth more than 4 billion (Australian) dollars (U.S. \$3.3 billion) revenue over the next 20 years. That's big business!

**Q: Are issues in the global aviation and aerospace industries affecting Boeing's Australian operations?**

**A:** We aren't seeing that at present. Customers want the most fuel-efficient planes, and they want them now! Virgin Blue currently operates just over 50 Boeing Next-Generation 737s, which are very fuel-efficient. Similarly, Qantas' selection and orders for up to 115 787 Dreamliners is another example. The 787 will burn 20 percent less fuel than today's similarly sized airplanes while flying greater distances and carrying more people point to point. This reinforces how Boeing is able to maintain and meet the needs of its Australian customers in times of global economic uncertainty.

**Q: What are the most exciting projects across Boeing's operations in Australia?**

**A:** Alteon Training Australia has developed a specialized course for a Multi-Pilot License (MPL) training program, which is currently underway as a beta test with six Chinese cadets. The MPL program has the full support of the Australian Civil Aviation Safety Authority (CASA), which encouraged the development of the program to produce airline qualified pilots more efficiently and effectively. The test will be used as a learning experience, with Alteon and CASA working together with industry on implementation of the MPL in Australia.

(Continued on Page 17)

# Australia at a glance

**Official Name:** Commonwealth of Australia

**Location:** A continent between the Indian and the South Pacific oceans

**Area:** 7.7 million square kilometers (3 million square miles), slightly smaller than the 48 contiguous states of the United States

**Population:** Nearly 21 million

**Official language:** English

**Government:** Federal parliamentary democracy

**Capital:** Canberra

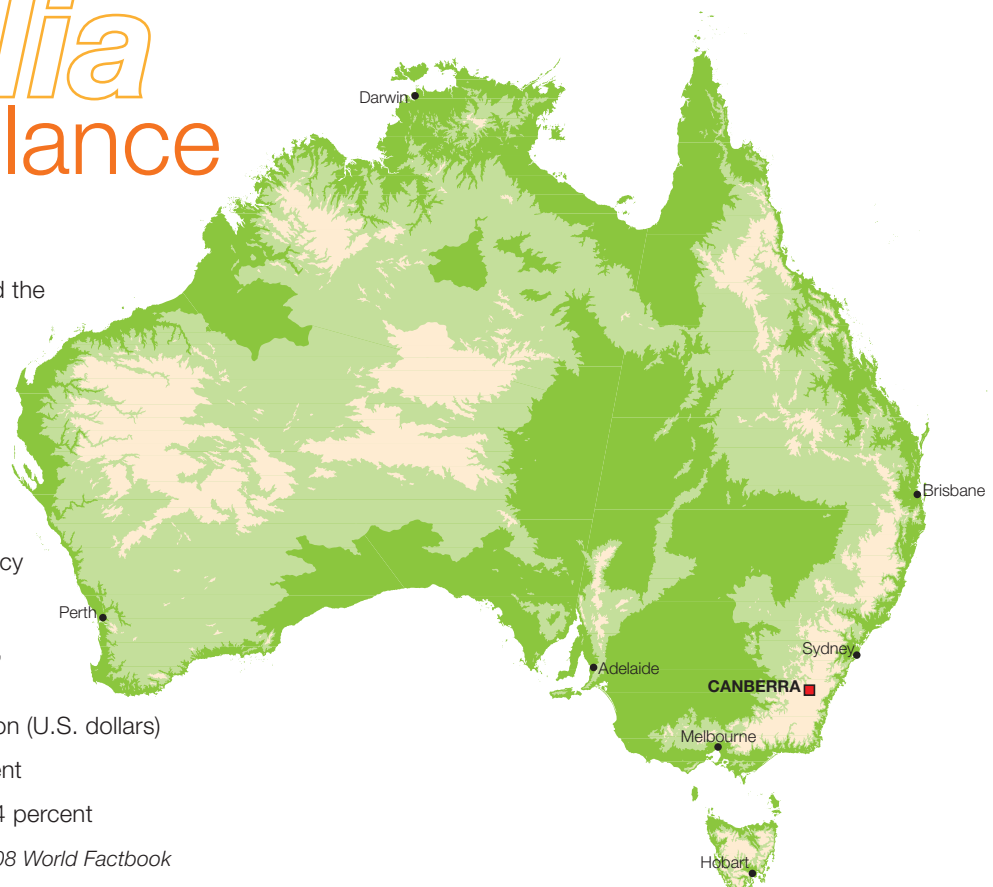
**Other key cities:** Adelaide, Brisbane, Darwin, Hobart, Melbourne, Perth and Sydney

**Gross domestic product, 2007:** \$760.8 billion (U.S. dollars)

**Estimate GDP growth rate, 2007:** 3.9 percent

**Military spending as part of GDP, 2006:** 2.4 percent

**Source:** Central Intelligence Agency (CIA) — The 2008 World Factbook



# Trailing edges help lead the way

## Meet Hawker de Havilland, a Tier One supplier for the 787 Dreamliner

As a Tier One supplier for Boeing's 787 Dreamliner program, Australia's Hawker de Havilland is contributing to aerospace history through its innovative and advanced composites manufacturing capabilities.

Operating since 1927, Hawker de Havilland (HdH) is Australia's major aerostructures company and a leader in the design, manufacture, testing and repair of airframe structural components. The company was acquired by Boeing in 2000 and announced as a structural partner for the Boeing 787 in 2003.

HdH was selected to develop and deliver the 787 Moveable Trailing Edge (MTE) package thanks to the company's technology, design and manufacturing capabilities, and extensive experience in composites. The MTE package is the largest commercial aerospace project in Australia.

HdH is at the forefront of the liquid-moulding fabrication techniques that are being used to manufacture the 787 MTE. Known as Resin Infusion, the end product is created by injecting resin into dry carbon-fiber fabric and curing the parts in a conventional oven. This is more energy efficient and economical than traditional "prepreg" composite manufacturing—a more labor-intensive process requiring resin-saturated carbon cloth to be carefully placed in molds and cured in high-pressure autoclaves.

Once the composite parts are produced they go through trim, drill and nondestructive inspection processes before being transferred to a state-of-the-art multistage assembly line. With more than 4,500 fasteners needed per flap, HdH introduced commercial grade automotive-industry robots outfitted with proprietary technology. This allows them to drill and countersink to aerospace tolerances. Efforts are under way to qualify a new fastener the robots are capable of installing, which would provide additional productivity and capacity improvements.

In addition to high-tech robots and composites manufacturing, HdH's 787 program is entirely virtual. With tools setup, parts checks, schedules and quality systems monitored entirely on computers, not a scrap of paper is used for the 787 program. The paperless aspect of HdH's 787 work, a solid example of a successful Lean+ initiative, also complies with ISO 14001, an international environmental management system standard. HdH is on plan to achieve ISO 14001 accreditation by late 2008.

Since production began in January 2007, HdH has completed 18 shipsets of MTE hardware.

—Sarah Hall



**Carolyn Tan monitors the Moveable Trailing Edge automated assembly production line. Eighty years of technological progress has led to cutting-edge automated manufacturing at Hawker de Havilland's Melbourne site.** JOHN INMAN

Boeing Australia's work on the Airborne Early Warning and Control (AEW&C) aircraft, Project Wedgetail, is worth noting as it is the largest and most complex aircraft conversion program ever in Australia. Other major projects at Boeing Australia include Vigilare and the High Frequency Modernisation Program (HFMOD). While both projects have experienced substantial delays, Vigilare will be the most sophisticated ground-based air defence system in the world, while HFMOD will be a leader in high frequency communications and systems integration.

As I mentioned earlier, Boeing is incredibly proud of Hawker de

Havilland's 787 work, and hopefully our role will continue to grow through the further development of our composite technology capabilities. Phantom Works is heavily researching this area, too.

**Q: What does the future hold for Boeing in Australia?**

**A:** The future is ours to decide. While 80 years in Australia has made Boeing part of the fabric of this country, and vice versa, there are no entitlements and we are dedicated to maintaining our commitment to Australian customers, employees and communities by delivering on all fronts. ■

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Through experimentation, Boeing works with customers to explore network-enabled solutions in the Systems Analysis Laboratory in Brisbane. VICTORIA FRASER

## Research, robots and resin

It's all in a day's work for Phantom Works Australia

There are many reasons why Australia is among the locations worldwide supported by Phantom Works, Boeing's advanced research and development arm.

Australian researchers have been at the forefront of pioneering aviation and aerospace technologies, including hypersonic flight and the world's first flight data recorders. The nation is huge, with lots of airspace. Australia has a progressive regulatory environment across both commercial and defense industries. And Australians are focused on environment and sustainability, and lead in the application of satellites to monitor climate change.

These factors make Australia an ideal place for Phantom Works to work on advanced R&D technology projects. When the Australian aerospace industry faces a technical challenge, Phantom Works Australia strives to respond with solutions where the technical risks already have been identified, understood and addressed. Phantom Works Australia and Boeing Research & Technology Europe in Madrid, Spain, are Phantom Works' largest research operations outside of the United States.

Embedded within Boeing Australia in Brisbane and Hawker de Havilland in Melbourne, Phantom Works Australia supports both Commercial Airplanes and Integrated Defense Systems. The 30 teammates, employed across science, mathematics and engineer-

ing fields, work together as innovators and integrators on several key R&D focus areas. These include:

- Developing advanced composite manufacturing solutions for high-performance and cost-efficient aerostructures. An example is the design and manufacture of advanced composite structures using liquid molding processes, such as Resin Transfer Molding and Resin Infusion, which is being used on the 787 Dreamliner.
- Exploring ways to incorporate the use of commercial-grade industry robots and automation in the manufacturing of high-volume composite parts, as well as for use in aircraft maintenance.
- Creating software tools and flexible systems to develop network-centric solutions for military and commercial platforms.

These capabilities and activities have resulted in strong working relationships with leading Australian universities as well as government-backed R&D entities such as the Commonwealth Scientific and Industrial Research Organisation (CSIRO) and the Defence Science Technology Organisation, Australia's lead science and technology agency for the Department of Defence. The relationship with CSIRO is now in its 20th year and has resulted in a number of international patents and performance breakthroughs in the application of aerospace-quality coatings.

—Sarah Hall

# Part of the family

Boeing Australia employees at Amberley perform modification work on a 737 Airborne Early Warning and Control aircraft for Australia's Project Wedgetail.

HEIDI SNOWDON

## Meet the entities of Boeing within Australia

Here's a look at the entities within Boeing Australia Holdings Pty Ltd, the company created to consolidate Boeing's presence in Australia. These subsidiaries work together in a "One Boeing" approach, adding value to the company and its customers—as well as to Australians and the communities where they live, work and play.

### Alteon Training Australia

**Locations:** Brisbane, Sydney, Melbourne

**Employees:** 75

Alteon, a wholly owned Boeing subsidiary that operates in Commercial Airplanes' Commercial Aviation Services organization, offers training on six flight simulators in Brisbane, three in Melbourne and one in Sydney. In Brisbane, Alteon provides training for Boeing 717, Next-Generation 737 and Airbus A320 airplanes. The Melbourne center offers training on Classic and Next-Generation 737s and A320 training. In Sydney, Alteon supports 777 training.

**Did you know:** In the last 1.5 years, Alteon training centers in Australia have supported 16 different airlines representing nine different countries. And currently, Alteon is conducting a Multi-Pilot Licence (MPL) training program trial with six cadets from China.

### Aviall

**Locations:** Melbourne, Brisbane, Cairns, Perth, Sydney

**Employees:** 45

Aviall is a leading provider of aftermarket supply-chain management services for the aerospace, defense and marine industries.

Aviall's Australian business, which features six locations and serves about 550 customers, was established in 1968; Boeing acquired Aviall in 2006.

**Did you know:** Major customers include the Royal Australian Air Force, Qantas, Aero Inventory and Standard Aero.

### Boeing Australia

**Locations:** Brisbane (headquarters), Adelaide, Amberley, Canberra, Darwin, Exmouth, Geraldton, Melbourne, Nowra, Oakey, Perth, Riverina, Shoal Bay, Tindal, Townsville, Williamtown

**Employees:** 2,300

Boeing Australia is Australia's leading defense aerospace enterprise and an integral part of Integrated Defense Systems. Its core competencies include maintenance and modification; engineering and upgrade; sustainment; command, control and communications (C3); and simulation, operations analysis and experimentation. Phantom Works Australia and Boeing Australia Component Repairs work within Boeing Australia.

Boeing Australia was known as Rockwell Australia until Boeing's 1996 acquisition of Rockwell International's aerospace and defense businesses.

**Did you know:** There are more than 15 major projects currently under way at Boeing Australia, including the F-111 Program, the F/A-18 Hornet Program, the Wedgetail Airborne Early Warning and Control aircraft and the High Frequency Modernisation Project.

**Hawker de Havilland****Locations:** Melbourne, Sydney**Employees:** 1,400

Hawker de Havilland is Australia's major aerostructures company. Highly regarded for its work in advanced carbon fiber technology, Hawker de Havilland is responsible for designing and building the movable trailing edges (MTE) on the Boeing 787 Dreamliner. MTE is Australia's largest aerospace program. Other major projects for Boeing include the manufacture of the rudder, empennage and elevators for the 777; movable leading edges for the 747; ailerons for the 737; and trailing edge flaps for the F/A-18 C/D.

**Did you know:** The Hawker de Havilland of today is made up of Rockwell International's aerostructures businesses, which Boeing acquired in 1996, and Boeing's 2000 purchase of Hawker de Havilland. Boeing combined these entities under the Hawker de Havilland name.

**Jeppesen Australia Pty Ltd****Locations:** Brisbane, Melbourne, Canberra, Sydney**Employees:** About 160

Boeing subsidiary Jeppesen delivers solutions that integrate people, processes and technology to provide safety, efficiency and economy to air, sea and rail operators around the world. Jeppesen Australia supplies a broad range of charting and navigation services, from worldwide flight information to aviation weather to maritime navigation products. In Australia, Jeppesen's operations are divided into three businesses: Rail, Logistics and Terminals; Commercial and Military Aviation/Business and General Aviation; and Jeppesen Marine Australia (JMA), responsible for the sale of digital cartography within the Australasian region.

**Did you know:** JMA's customers include both the Australian and New Zealand Departments of Defence.

—Sarah Hall

# ScanEagle: Eye on the horizon



**A ScanEagle unmanned aerial vehicle is launched. Australia has used ScanEagle for more than 14,000 hours of operations. HEIDI SNOWDON**

Since December 2006, Australian troops in Iraq and Afghanistan have been supported by Boeing Australia's reconnaissance and surveillance services using the ScanEagle autonomous unmanned aerial vehicle. It's the same vehicle serving U.S. armed forces in Iraq.

In helping to protect the lives of Australian soldiers, Boeing Australia delivers the following capabilities through the ScanEagle:

- Maintenance, launch, recovery and flight operations.
- Mission rehearsal to maximize operational performance.
- Fully integrated supply chain and logistics services to ensure delivery of 24-hour operations.
- ScanEagle UAV operator training for on-location Australian Army personnel.

Working closely with Boeing Field Services Representatives, the

Australian Army has now amassed more than 14,000 combat hours with the ScanEagle, built by Boeing subsidiary Insitu. Additionally, Boeing Australia has delivered valuable UAV operational experience that is assisting the introduction of more complex UAV platforms into the Australian Defence Force.

Boeing also is home to Australia's first qualified ScanEagle flight instructors. In 2007, the Commonwealth of Australia approached Boeing Australia to deliver in-country Aerial Vehicle Operator (AVO) training as an alternative to Army personnel undertaking eight weeks training in the United States before being operationally deployed. Together with Insitu, Boeing developed an AVO training solution within Australia that reduces the time soldiers spend away from their units and families. This program also broadens ScanEagle capabilities available to the Australian Defence Force and other potential regional partners.

—Sarah Hall



# G'day, mates!

Meet some of the many people working for Boeing in Australia

## Dion Grayson

Apprentice manager / Boeing Australia / Amberley, Queensland

**Years with Boeing:** 1.5

**What are your roles and responsibilities?**

My role is to ensure Boeing Australia continues to develop a highly skilled work force for the future by providing the support needed for our people throughout their apprenticeships. As an employer of apprentices, it's not just about investing in the success of our people through training, it's about contributing to the success of our business by ensuring Boeing Australia remains competitive in the global market with a skilled work force.

**What's your career highlight so far?**

Being the runner-up in the Australian government's Ministers Awards for Excellence in the Employers of Australian Apprentices category was a fantastic achievement. The awards epitomize excellence, commitment and best practice in training apprentices throughout the country. For Boeing Australia to be recognized for making a significant and worthwhile investment in the skills and needs of our future work force was great.



JASON WEEDING

HEIDI SNOWDON



## Robyn Dangelmayer

F/A-18 technical writer / Boeing Australia / Brisbane, Queensland

**Years with Boeing:** 3

**What are your roles and responsibilities?**

I prepare F/A-18 technical publications using customer source data and Xyvision XML Professional Publisher, a publishing tool. Publication amendments also involve creating and/or updating graphics using CorelDraw. All publication amendments are done in accordance with current standards and contractual requirements, including cost, delivery and quality objectives.

**What's your career highlight so far?**

My milestones to date include contributing to the creation of the first in-country flight manual checklist, and leading my own six-month contract task to produce new Forward Looking Infrared system publications.

This year I also won the Boeing Young Leader Award, which was a huge surprise! My prize was a 10-day trip aboard the tall ship *Young Endeavour*. Along with 23 youth crew from around Australia and seven staff, we sailed along the Queensland coastline working together to foster our personal and leadership skills. It was an absolutely amazing experience, and I'm so grateful to Boeing for giving me the opportunity through the Young Leaders Award.

# Virginia Whewey

Advanced mathematics technologist  
Phantom Works Australia / Williamstown, New South Wales

**Years with Boeing:** 5

**What are your roles and responsibilities?**

Any time numbers present themselves, people tend to call me! I help researchers at Phantom Works Australia solve tricky mathematical and statistical problems. I also consult with the Australian business units to help them get the most out of their data and have more reliable information for decision making. I recommend the best way to collect data, how to plot and analyze it, and what conclusions can be made.

**What's your career highlight so far?**

There is no shortage of unique and challenging problems to be solved. Another great thing about working for Boeing is the possibility of expanding both personal and career boundaries through international assignments.



HEIDI SNOWDON

# Corey Wilson

ScanEagle flight instructor / Boeing Australia / Brisbane, Queensland

**Years with Boeing:** 4

**What are your roles and responsibilities?**

My job is to instruct students from Boeing and the Australian Defence Force on the ScanEagle Unmanned Air System. During my time in Iraq I was a Field Service Representative and provided overwatch and reconnaissance capability under direction from the Australian Army. This included launching, recovering, flight and basic maintenance of the aircraft.

**What's your career highlight so far?**

My most valuable experiences have been doing two three-month tours of Iraq with the Australian Army for ScanEagle. Both stints overseas have served me well in my current position.



COURTESY OF COREY WILSON

# Emma Hodsdon

Business analyst / Boeing Australia Holdings / Sydney, New South Wales

**Years with Boeing:** 5

**What are your roles and responsibilities?**

Currently I am supporting Craig Saddler, president Boeing Australia and South Pacific, in a rotational position as business analyst. I'm responsible for coordinating Boeing's environmental strategy in Australia, and working with Craig on the development of the country strategy. I normally work for International Corporate Communications supporting all parts of the Boeing enterprise in Australia and Asia.

**What's your career highlight so far?**

Not long after I started the 787 was launched. I've really enjoyed watching the progress of the program and can't wait for the first flight! I've also been involved in the organization and execution of some fantastic events including the 777-200LR Worldliner global tour, Wedgetail delivery, Avalon Airshow, and the Phantom Works Australia launch.



# Christopher *Howe*

Materials and Process engineer / Phantom Works Australia, embedded within Hawker de Havilland / Melbourne, Victoria

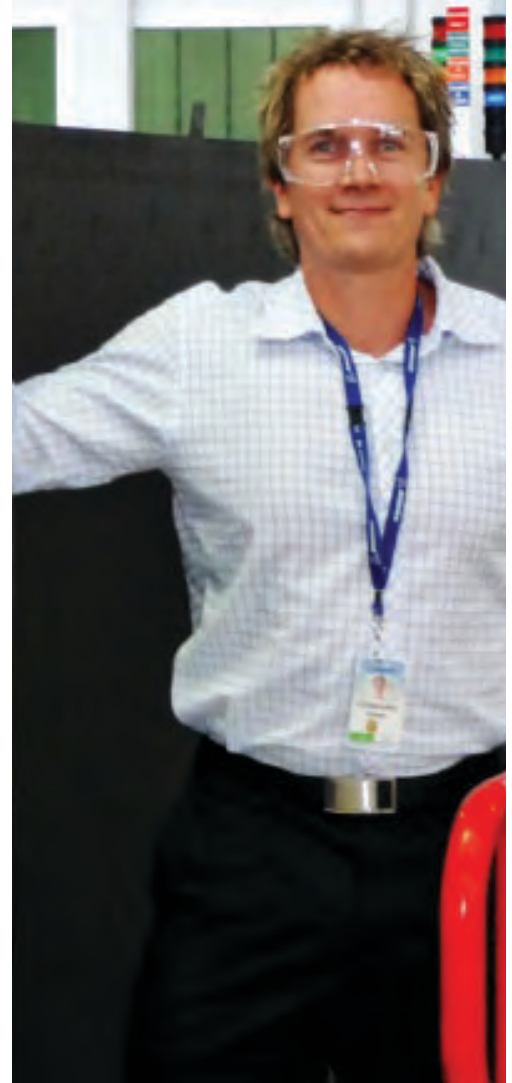
**Years with Boeing:** 9

**What are your roles and responsibilities?**

To research, develop and implement technologies for the manufacture of advanced composite structures, with the responsibility of owning the process from discovery to production readiness.

**What's your career highlight so far?**

Working with a team of people who are passionate and committed to contributing to developing and qualifying new technologies. It means I'm always around talented people who love to smile, who enjoy putting in the necessary effort to achieve success, and can overcome challenges by working together in harmony.



# Carolyn *Tan*

Mechatronics engineer / Hawker de Havilland / Melbourne, Victoria

**Years with Boeing:** 3

**What are your roles and responsibilities?**

I support the 787 Moveable Trailing Edge (MTE) automated assembly production line. My day-to-day tasks include refining processes, training operators, debugging errors, responding to quality concerns, managing consumables, and preventative maintenance. I'm also accountable for the quality of parts produced in the robot cell and the overall cycle time.

**What's your career highlight so far?**

The joy of witnessing the first shipset of the 787 MTE parts complete their journey through the assembly robot cell was a major highlight. It was a grueling schedule of around-the-clock production and support. The team enjoyed a lot of fun times with heaps of positive energy, but naturally it included setbacks, too. All in all though, we reached the goals we set out to achieve and received recognition for a job well done.

# Part of the community

In August, Boeing Australia employees, including Nick Mair (left) and Jamie Paterson, volunteered their time to sell merchandise for Cancer Council Australia's "Daffodil Day." Proceeds funded essential services, education and research programs.

HEIDI SNOWDON

Good corporate citizenship is a core value of Boeing and integral to the way it conducts business worldwide—including in Australia. Here's a look at some of the ways Boeing gives back to communities in this nation:

**Philanthropy:** In 2008, Boeing will donate U.S. \$400,000 through corporate giving to benefit Australian communities. At the highest levels of its community involvement, Boeing is a member of Philanthropy Australia, an organization of Australian entities and individuals that serves the philanthropic goals of its members. Boeing takes a holistic approach to community involvement in Australia by providing support through sponsorships, charity work, community work and ensuring the well-being of its employees, who also choose to work on a range of voluntary projects where help is needed by their local communities.

**Education:** Boeing knows the future of a cutting-edge aerospace industry is rooted in the smart, talented and enthusiastic youth of today. In Australia, the company is passionate about engaging and encouraging young people through education to inspire their interest in science—particularly aerospace and aviation-related projects.

For example, Boeing Australia Limited supports the Aerospace Project, a partnership between the Queensland Government and industry to develop pathways between high schools in this Australian state and the aviation industry. Currently, 17 schools across the state are involved in the project and offer aerospace studies to more than 800 students.

**Scholarships and awards:** Boeing has established a number of scholarships and awards at universities around Australia. Two years ago, Boeing Hawker de Havilland and RMIT University established a travel bursary, or scholarship. This travel bursary offers the best research students in aerospace engineering a chance to undertake a study tour to the United States and see companies building passenger airplanes, military fighter aircraft, helicopters and satellites.

Scholarships and awards aren't only for students. Australian high school teachers also have been given the opportunity to participate in the annual Boeing Space Camp program, a once-in-a-lifetime educational camp to stimulate the teaching of math and science.

—Sarah Hall