



News from the Boeing world

February 2015

Boeing Australia & South Pacific



Earnings report

Boeing reported record revenues of US\$90.8 billion for the full year of 2014, with company backlog increasing to US\$502 billion.

Speaking about the year ahead, Boeing Chairman and Chief Executive Officer Jim McNerney said that “we will continue to build on our commercial airplanes market leadership, strengthening and repositioning our defense, space and security business and working to better meet the needs of our customers by focusing on improving productivity, executing to development plans and delivering our industry-leading portfolio of innovative aerospace products and services.”

A new year - a new beginning

A message from Maureen Dougherty, President, Boeing Australia & South Pacific:

As Australia ramps up after the holiday season, I wanted to take a moment to wish our key stakeholders – our customers, suppliers, and most especially, our more than 3100 employees – a safe and prosperous 2015.

The start of this year marks the start of my first full year leading Boeing Australia – and I must say, it is quite an honour. I am so excited by the work we do here, and perhaps one easy way to explain why Boeing has such a great story to tell in Australia is by simply walking outside and looking up in the sky.

Chances are, you’ll see a Boeing commercial airplane flying some of the 120,000 people who fly on Boeing-built aircraft everyday in Australia. But there is much more to that plane. There are also our field service representatives who provide on-the-ground support to our customers every day, our Aviall subsidiary that provides critical spare parts, and Jeppesen, which provides advanced flight information solutions. There is also our Training & Flight Services team who provide flight and technical training to airlines. And, of course, there is our Boeing Aerostructures Australia team, which proudly makes 787 moveable trailing edges, 737 ailerons, 747 moveable leading edges and 777 cove lip doors, elevators and rudders.



So it’s not just a Boeing plane you see in that bright blue Australian sky. It’s an entire ecosystem of global Boeing talent – here in Australia, in the US and elsewhere – working together to provide the very best in commercial airplanes.

Next time, I’ll share how our defence business and what we’re doing in research and development are equally exciting stories! Until then, best wishes in the new year.

Maureen

Velocity

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AVALON2015

AUSTRALIAN INTERNATIONAL AIRSHOW
AND AEROSPACE & DEFENCE EXPOSITION

24 FEBRUARY - 1 MARCH 2015 GEELONG, AUSTRALIA

Avalon Airshow

The end of February sees the start of Avalon 2015, the Australian International Airshow and Aerospace & Defence Exposition. Staged every two years in Geelong, near Melbourne, it's a significant aviation and defence showcase for the Australia Pacific region. This year's Avalon theme pays tribute the centennial of landing at Gallipoli and, since then, to "heroes of the sky" – Australian aviators from Gallipoli to today.

Boeing will have a strong presence at the show, according to Sydney Blocher, vice president of Business Development for Boeing Defense, Space & Security.

"Avalon is really an outstanding airshow with great customer participation, and it affords us the opportunity to speak about the innovative Boeing platforms, services and C4ISR solutions that we provide not just here in Australia – but across the region," Blocher said. "Boeing is particularly proud to be an Avalon sponsor in this centennial year when the nation remembers the landing of ANZAC forces at Gallipoli."

For more information about Boeing at Avalon 2015, please contact David Sidman (david.sidman@boeing.com) in Boeing's Sydney office.

Wedgetail endurance mission

During a combat mission over Iraq recently, a Royal Australian Air Force E-7A Wedgetail Airborne Early Warning and Control aircraft made history for the longest Australian command and control mission in a war zone.

At 16 hours and 18 minutes, the E-7A Wedgetail's mission entailed the command and control of large numbers of Coalition aircraft operating in Iraqi airspace as part of the multi-national air campaign confronting ISIL.

Commander of Australia's Air Task Group, Air Commodore Steve Robertson said the endurance mission meant a great deal for Australia's air power capability.

"After already being 'on station' for a number of hours, the Australian Wedgetail crew was advised the Coalition aircraft due to relieve them was delayed," Air Commodore Robertson said.

"Try to imagine coordinating a short-notice, mid-air refuel for a Boeing 737 in the middle of a combat zone. It is no small task."

He added that Australia's ability to 'go above and beyond' is a clear demonstration of the nation's important contribution to the Coalition air campaign.

The E-7A Wedgetail crew completed two air-to-air refuels during this mission, allowing it to stay airborne and make the historic time.



A Royal Australian Air Force E-7A Wedgetail Airborne Early Warning and Control aircraft in the skies of the Middle East.



Four Royal Australian Air Force F/A-18F Super Hornets flying in "echelon right" formation briefly share the same Middle Eastern airspace as a Royal Australian Air Force E-7A Wedgetail Airborne Early Warning and Control aircraft. An Air Force E-7A Wedgetail recently made history for the longest Australian command-and-control mission in a war zone, clocking in at 16 hours, 18 minutes

The crew first deployed to the Middle East in September, 2014 and were regularly undertaking lengthy missions of approximately 13 hours. Including planning and debriefing, the extension to over 16 hours airborne resulted in the aircrew working toward their duty limits.

"The Australian crew's responsiveness and flexibility made up for a shortfall that night," Robertson said.

Commander of the E-7A Wedgetail Task Element Wing Commander Christian Martin echoed this praise but acknowledged there were also many in Australia who shared in this achievement.

"The performance and reliability of the aircraft are a direct result of the dedication of a joint 'Wedgetail team' comprising our Wing Headquarters back home, the Airborne Early Warning and Control Special Projects Office and Boeing Defence Australia," Martin said, noting that the E-7A Wedgetail has developed into a world class command and control platform.

Boeing Defence Australia's Wedgetail In Service Support (WISS) sustainment team provides engineering, maintenance/field service representative support, supply chain and training services to maintain operational availability of deployed Wedgetail aircraft.

Australian technology innovations show enterprise-wide potential

A pint-sized machine known as a scarf composite repair robot captured the attention of an enterprise Composite Process Action Team (PAT) during a visit to Boeing Aerostructures Australia. Developed by Boeing Research & Technology (BR&T)-Australia, the robot has helped employees at Boeing Australia Component Repairs in Melbourne achieve a 90 percent improvement in the time taken to complete 737 thrust reverser inner-wall repairs.

The automated repairs invention was one of a number of advanced manufacturing innovations demonstrated during the visit. The team, represented by Composite Manufacturing Business Unit leaders from Boeing's defense and commercial businesses, were in Australia to share best practices and understand composite technologies that can be replicated across Boeing. BR&T-Australia's robotics has already been used to repair test panels at the Advanced Developmental Composite facility in the Puget Sound region.

"Boeing Aerostructures Australia is world class in the understanding and development of resin-infusion technology as well as the application of robotic automation," said Mick Norris, director of Advanced Developmental Composites and a PAT member. "Centers of excellence such as Boeing Aerostructures Australia are critical to continued advancement of the company's product and process development."

"The unique co-location of manufacturing, research and engineering design in Melbourne provides an enormous opportunity to realise safety, quality and productivity step changes," said Jo Staines, general manager of Business Operations at Boeing Aerostructures Australia.

Boeing, Air New Zealand finalise order for two 787-9 Dreamliners



Boeing and Air New Zealand have finalised an order for two additional 787-9 Dreamliners, valued at US\$514 million at current list prices. The order, booked in 2014, comes six months after Air New Zealand celebrated the first 787-9 delivery in July.

"The entry into service program has gone very smoothly and we've been incredibly pleased with the aircraft's performance," said Christopher Luxon, chief executive officer, Air New Zealand. "These new 787-9 Dreamliners will provide us with additional flexibility as we move forward with our growth plans."

This order will eventually increase the airline's fleet to a total of 12 787-9s, which will operate alongside 15 777-200ERs (Extended Range) and 777-300ERs.

"Air New Zealand was the first airline in the world to take delivery of a 787-9 and one of the first to recognise the synergies of operating both the 787 and 777. The order shows their confidence

in our long-haul products," said Dinesh Keskar, senior vice president, Asia Pacific and India Sales, Boeing Commercial Airplanes. "With its new aircraft and superior passenger experience, it is no surprise Air New Zealand was voted Airline of the Year by Airlineratings.com for the second year in a row."

Air New Zealand is the launch customer of the 787-9 and currently operates three of the aircraft in its fleet. Including today's announcement, the airline now has nine unfilled 787-9s on order.

To date, 58 customers around the world have ordered 1,071 787s.