The best destination when your business is ready to fly...
UNIVERSITY OF NEWCASTLE

The University of Newcastle (UON) is a world-class institution with a strong commitment to equity, excellence and engagement. We are the most research intensive university in Australia outside of a metropolitan area and we have an exceptional record of achievement. Our researchers collaborate with peers internationally, addressing issues that have far-reaching impact and returning global knowledge and expertise back to the region.

With research strengths in health and medicine, engineering, science, and energy and the environment, the University of Newcastle continues to achieve strong growth in research outcomes with world-class rankings across multiple disciplines. The University is ranked in the Australian top 10 for research outcomes with world-class rankings across multiple disciplines. Newcastle continues to achieve strong growth in research science, and energy and the environment, the University of Newcastle has achieved significant research outcomes with world-class rankings across multiple disciplines.

The University’s Defence and Security research capabilities are of the highest standard with Excellence in Research for Australia (ERA) ratings of 5 (denoting ‘well above world class’) for Applied Mathematics, Chemical Engineering, Mechanical Engineering, Civil Engineering, and Electrical and Electronic Engineering, Macromolecular and Material Chemistry, Psychology and Cognitive Sciences, Neurosciences, Human Movement and Sports Science and Cardiovascular Medicine and Haematology.

Defence research is a focus area at the University of Newcastle and the formation of the Defence and Security Research and Innovation Hub reflects this. The Hub aims to encourage greater engagement between UON researchers and the Defence sector, including both government and industry stakeholders.

Through the development of a framework for collaboration, the Hub aims to create an environment where new opportunities for innovative solutions and research breakthroughs can be generated and translated into practise for the benefit of the Defence sector and its personnel.

The University’s research collaborations with Defence and related industry partners have achieved successful results in the areas of:

- Damage and safety risks for infrastructure subject to explosive blast loading
- Security and counter-terrorism risk assessment
- Weaponing and collateral damage estimation
- Network vulnerability assessment for smart grids
- Robust autonomous systems
- Vibration analysis
- Study of health outcomes in aircraft maintenance personnel
- Investigation of occupational high-G stress by jet-fighter pilots.

WILLIAMTOWN AEROSPACE CENTRE

1 TECHNOLOGY PLACE - A PROJECT BY HUNTER LAND

The Williamtown Aerospace Centre (WAC) is a national award winning regional partnership established to create, enhance and facilitate commercial activities in the land adjoining RAAF base Williamtown and Newcastle Airport.

Located only two hours north of Sydney, Australia, a rare opportunity exists for your organisation to be at the leading edge of aerospace, defence technology and aviation development.

WAC won the 2014 National Economic Development Partnership Award from Economic Development Australia in recognition of the activities which have lead the way to the creation of commercial opportunities at Australia’s largest operating Air Force Base and one of Australia’s fastest growing regional airports.

WAC includes the Newcastle Airport Precinct and 120 hectares of industrial and business land. The WAC will provide first class facilities and a variety of infrastructure solutions to meet the needs of individual organisations of any size or requirement.

WAC will facilitate the expansion of RAAF Base Williamtown capability to meet the changing requirements of the RAAF and its Defence contractors throughout this century.

1 TECHNOLOGY PLACE

- A PrOjECT bY HuNTER LANd

The base is planned to be home to two JSF squadrons and a JSF training squadron. Further, the Williamtown Aerospace Centre is ideally positioned for the Australian JSF maintenance hub whilst the Hunter Region is strategically located to provide the JSF Asia Pacific Sustainment facilities.

The Newcastle Airport Terminal is expanding in anticipation of future international flights. Newcastle Airport has a catchment of over 1.5m people drawing air travelers from the Central Coast, Hunter Valley and Mid North Coast regions generating over 1.2 million.

All Buildings have been designed and built to be Defence Industry Security Program (DISP) ready and have access to Defence Secure IT Networks (subject to Defence approval) to meet the modern requirements of aerospace, defence, technology and aviation and related industry companies.

RAAF Base Williamtown is Australia’s primary Defence Fighter Base, home of the Wedge Tail early warning squadron (AEW&C) and the Ground Telecommunications and Electronics SPO. The Williamtown base will be the RAAF’s command, operations and training base for the new Joint Strike Fighter (JSF) upon its arrival in Australia. The base is planned to be home to two JSF squadrons and a JSF training squadron.-
At Williamtown Aerospace Centre be part of Australia’s national and international Defence Technology capability.

Opportunities exist for aerospace and aviation users to have commercial and industrial space accessible to Defence Secure IT networks, and in close proximity to national transport links via airport, road and Newcastle Port.
HUNTER DEFENCE

The Hunter region has sophisticated defence infrastructure, a large and experienced defence support industry and a proven track record in defence project delivery.

The Defence industry plays a significant role in the regional economy with two major military bases located at Williamtown, 20 minutes drive north of Newcastle; and Singleton, 45 minutes west of Newcastle.

Over 4,000 defence and contractor personnel are employed in the Hunter region injecting more than $350 million into the local economy with an overall economic benefit of approximately $1.3 billion annually. Major upgrades have started at RAAF Base Williamtown worth $1 billion and the Singleton Lone Pine Army Base has recently completed work totalling $165 million.

RAAF Base Williamtown is home to 3,500 Defence uniformed, civilian, contractor and staff and is the primary fighter base for the Royal Australian Air Force. The Base hosts the headquarters and two units of the RAAF’s operational groups. These include HQ Air Combat Group (ACG), two squadrons of F/A-18 Hornet, and two training squadrons of F/A-18 Hornet and BAE Hawk 127 and Forward Air Control Development Unit with Pilatus PC 9 aircraft. The Base is also home to HQ Surveillance and Response Group (SRG), with Radar Units, a Wedgetail Airborne Early Warning and Control (AEW&C) Squadron and the unit responsible for managing Defence Air Traffic Control units throughout Australia. RAAF Base Williamtown also hosts three Defence Materiel Organisation (DMO) organisations which provide through-life-support services to the Hunter region.

Lone Pine Barracks and the Australian Army School of Infantry is eight kilometers from Singleton. The School of Infantry is responsible for the arms training of all recruits into the Australian Army. The Barracks has approximately 500 permanent employees and up to 2000 recruits pass through the School annually. The base also houses the New Australian Army Infantry Museum with artefacts and collections from the 19th century through to today.

HUNTERNET

HunterNet is a network of small and medium-sized manufacturing, engineering and consulting companies located in the Hunter region of NSW. It connects 200 companies, active in national and international markets in defence, power generation, mineral processing, transportation, major resource projects, infrastructure, advanced manufacturing and Information Technology.

For more information, visit: www.hunternet.com.au

BOHEMIA INTERACTIVE

As a global leader in military training simulation, Bohemia Interactive provides many of the world’s premier militaries with high-fidelity, cost-effective technologies for tactical military training. Leveraging advanced game-based technology, Bohemia Interactive creates a range of breakthrough, military-specific training and simulation software products.

Virtual Battlespace (VBS), Bohemia Interactive’s flagship training product, is considered the industry standard in game-based simulation, and is used by the majority of NATO partners for daily tactical training and mission rehearsal.


VBS is also used by the French Air Force for Forward Air Controller (FAC) training on the NATO-accredited SIMFAC and by the UK’s Royal Air Force at their Joint Forward Air Controller Training and Standards Unit (JFACTSU), a NATO and US Joint Services accredited schoolhouse for Forward Air Controller training.

Williamtown Aerospace Centre is home to the Australian headquarters of Bohemia Interactive, with two offices in the United States, as well as offices in the United Kingdom, the Czech Republic and Poland.

Sydney, Central Coast, Newcastle and Hunter Valley offices means on the ground expertise in casual, contract and permanent recruitment from executive to office support to blue collar roles as well as technical, engineering and specialist IT talent. HR services including outplacement, organisational development, coaching and psychological assessment adds further value to clients.

Forsythes’ longevity, local ownership and respected corporate brand provide both employers and job seekers a uniquely personal and professional consulting experience.

Contact Forsythes Recruitment on 02 4935 3600

For more information, visit: www.forsythesrecruitment.com.au

FORSYTHES

Recruitment
THE HUNTER REGION

The Hunter region offers NSW significant cost advantages that only a region can provide.

The Hunter Region offers excellent educational and medical facilities with the world class University of Newcastle, the largest TAFE in NSW, as well as first class medical services and the Hunter Medical Research Institute.

The Williamtown Aerospace Centre and Newcastle Airport are within easy reach of the entire Hunter region.

Nowhere is the wide array of choice more evident than in the three Council areas of Newcastle, Port Stephens and Singleton.

Newcastle is New South Wales’ second city and offers all the benefits of big city living with none of the downsides. From the architectural diversity and vibrant culture of the city’s historic heart to the spacious blocks of the suburbs, Newcastle has an abundance of choice, all within 30 minutes drive of the airport.

Port Stephens is the proud home of Newcastle Airport and just up the road is the blue water paradise of Port Stephens proper, centred around the famous holiday town of Nelson Bay. The Port Stephens region is nature’s wonderland, offering secluded bays, beaches, and national park in the east while in the west, the rolling hills and farmland around the Hunter, Williams and Paterson Rivers.

The Upper Hunter offers all of the benefits of country and vineyard life with Singleton just a short drive up the new Hunter Expressway. The heart of the Hunter Valley, Singleton is a premium visitor destination offering diverse experiences from large commercial wineries to boutique cellar doors, fine dining in award winning restaurants, world class museums, national parks and a wonderful seasonal program of events.

The region offers a variety of lifestyle choices, including city, coastal, lake and rural housing options all within easy reach of the cultural, recreational and entertainment facilities of Newcastle, the regional city.

WAC PROJECT PARTNERS:

Port Stephens Council  
portstephens.nsw.gov.au

The City of Newcastle  
newcastle.nsw.gov.au

The University of Newcastle Australia  
newcastle.edu.au

Hunterland.com.au

Singleton Council  
singleton.nsw.gov.au

Forsythes Recruitment  
forsythesrecruitment.com.au

Mercure.com.au

Douglas Partners  
douglaspartners.com.au

Boltec Civil  
boltecivil.com.au

AW Johnson  
adwjohnson.com.au

Hunter Defence  
hunterdefence.com

For All Enquiries, see: williamtownaerospace.com.au

DISCLAIMER:
Whilst every effort has been made to ensure that the information in this publication is reliable and accurate, Williamtown Aerospace Centre and the project partners cannot be held responsible for any consequences resulting from inadvertent errors contained herein.