

ADM

AUSTRALIAN DEFENCE MAGAZINE

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DEFENCE WEEK PREMIUM EDITION



Between 18 and 25 Hornets will go to the Royal Canadian Air Force.

NIGEL PITTAWAY

BDA COMPLETES LAST HORNET DEEPER MAINTENANCE ACTIVITY

When Hornet A21-43 ceremonially rolled out of Boeing Defence Australia's facility at Williamtown on July 9, it marked the end of Classic Hornet deeper level maintenance work for the RAAF.

NIGEL PITTAWAY | MELBOURNE

The planned withdrawal date for the RAAF's Classic Hornet is December 2021 and the final deeper level maintenance activity was the 163rd carried out on the RAAF Hornet fleet since 2013. According to BDA director of Sustainment Operations, Amy List, the work has sustained 150 jobs in the Hunter region and contributed \$200 million to the national economy over that time.

But the departure of A21-43 doesn't mean the end of Classic Hornet maintenance at Williamtown, as the

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BDA workforce continues to provide line maintenance support for 81 Wing's flying operations, and it is also preparing aircraft for disposal within Australia and overseas.

"THE WORK WE ARE DOING FOR CANADA IS TO ENSURE THE AIRCRAFT HAS SUFFICIENT LIFE ON IT"

"The hangar is still full of aircraft, there's still plenty of work going on associated with the disposals, we have a number of aircraft that we continue to prepare for the Royal Canadian Air Force and there are eight aircraft we're preparing for heritage displays around the nation," List explained.

"And then there are some other aircraft to get ready for commercial sale and the other disposal activities that the Commonwealth is arranging, so the team has plenty of work on the horizon."

Between 18 and 25 Hornets will go to the Royal Canadian Air Force (RCAF) and at least four have already left Williamtown.

"The work we are doing for Canada is to ensure the aircraft has sufficient life on it, so there's a bit of scheduled maintenance and preventative maintenance work, to make sure each aircraft is operational when it arrives," List said.

Other than the maintenance work, each aircraft is dismantled and packaged for transportation to Canada via RCAF C-17A aircraft and List says the BDA facility has "more than a years' work," to prepare aircraft for Canada alone.

The Commonwealth Government is also negotiating the sale of 'up to 46' Hornets to US air training company Air USA, with the final number depending upon how many aircraft Canada eventually takes and at least the first of these aircraft is understood to be on the floor of the BDA facility at Williamtown at the present time.

BDA is also preparing eight Hornets for Heritage display purposes around Australia, including one which will be delivered to the Australian War Memorial in Canberra before the end of the year.

"Right now, we're not seeing any pressure on our workforce, because we have a good plan for disposals and the team can see a fair bit of work coming up, so they're excited to keep delivering on Hornet," List said. "We're also growing Boeing more broadly as well and Wedgetail is growing and there are some other opportunities for the Hunter region for our workforce as well."

In February, ADM reported that Malaysia will send the first two of up to eight of its F/A-18D Hornets to Williamtown for major overhaul by BDA. The deeper level maintenance activities were originally due to begin in April, and while the first aircraft have not yet arrived, regional work is understood to form a key plank in BDA's future strategy, extending the company's 'Classic' Hornet work for another two or three years.

"It would be premature of Boeing to comment, but we stand ready to support our regional customers," a BDA spokesperson said.

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EVALUATE

INDUSTRY UPDATED ON SEA 129 PHASE 5

Defence has provided an update on Project Sea 129 Phase 5, which intends to acquire a new ISR and targeting capability for RAN ships through a maritime unmanned aerial system (UAS).

EWEN LEVICK | SYDNEY

Phase 5 was originally divided into two stages – Stage 1 for a UAS to be deployed on the 12 OPVs and Stage 2 for a second UAS type to equip the nine Hunter-class frigates. The project structure was then changed to allow for a common UAS to operate from both. Now, the industry update provides a more specific outline of how Defence intends to procure the capability.

According to the industry update, the project is being undertaken with a five-year rolling block approach, with Block 1 running from 2024 and Block 2 and 3 from 2029 and 2034 respectively.

Block 1 will include first pass, a restricted request for tender and second pass. This block is intended to provide a UAS for the Arafura OPVs and Anzac class ships and will 'refine Navy's understanding of the capabilities that can be achieved using UAS.' In Defence's words, "Block 1 will focus on workforce growth, training system development, Combat Management System integration and payload development."

Block 2 is an approach to market to develop, deliver and support a maritime UAS over the lifetime of the capability that is designed for the OPVs and the Hunter class,



The RAN has two Camcopter S-100 platforms to expand their test and evaluation program ahead of Sea 129 Phase 5.

SCHIEBEL

**“THE PROJECT IS BEING
UNDERTAKEN WITH A FIVE-YEAR
ROLLING BLOCK APPROACH”**

with the capability to embark on other ship classes as required. It requires the industry partner to provide 12 ‘bricks’, defined as “the required number of air vehicles, equipment, spares and tools to achieve the required rate of effort for a deployment.”

Block 3 is a system update according to the strategic environment of the day.

The project is expected to be supported primarily from HMAS Albatross with minor storage at Fleet Bases East and West as well as in Cairns and at HMAS Coonawarra. These are expected to be ready for Block 2 in 2029.

Defence expects to release an invitation to register next month.

DARONMONT SECURES ITS LARGEST-EVER DEFENCE CONTRACT

A new five-year, \$65 million contract with Australian-owned Daronmont Technologies is creating 10 new positions and will support the Mobile Control and Reporting Centre based at RAAF Base Darwin.

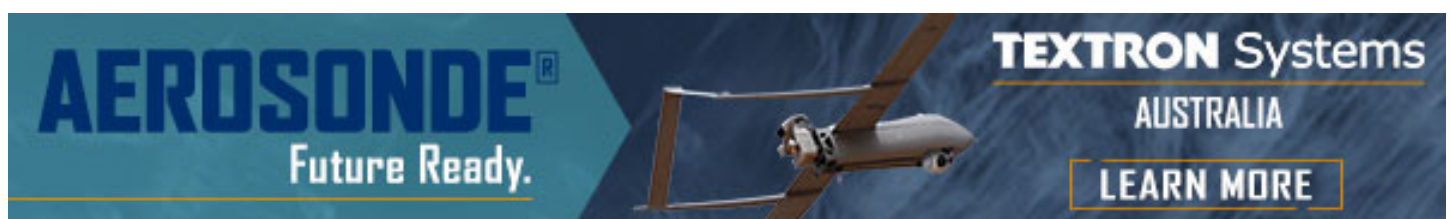
“This contract will enable the Mobile Control and Reporting Centre to be a deployable system providing vital surveillance, battlespace management, and communications services,” Minister for Defence Industry Melissa Price said. “With over 96 per cent Australian industry content, Daronmont’s team of 35 highly skilled software, electronics, IT, mechanical and systems engineers are supporting Defence’s air operations and interoperability with allied and coalition forces.”

The Mobile Control and Reporting Centre is stationed at RAAF Base Darwin, while the simulation system and supporting communications assets are distributed across multiple RAAF sites in Australia.

Daronmont CEO Ben Norris welcomed the signing of Daronmont’s largest Defence contract to date with CASG and Air Force.

“This contract will build on the strong existing relationship between CASG, Air Force

**“THIS CONTRACT WILL
ENABLE THE MOBILE CONTROL
AND REPORTING CENTRE TO
BE A DEPLOYABLE SYSTEM”**





The Mobile Control and Reporting Centre is based at RAAF Base Darwin.

DEFENCE

and Daronmont in support of 114MCRU in garrison and on deployments at home and operations overseas,” Norris said. “Daronmont’s existing services include provision and maintenance of deployable systems and on-site field service representation and will now expand to support ABM-wide Voice Communications and Simulation Systems.”

“This long-term contract provides the ideal base for us to develop our suite of Australian designed and built lightweight, containerised C4I, simulation and laboratory systems for a number of significant additional ADF programs,” Business Development Manager Lee Stanley said.

The Mobile Control and Reporting Centre system has previously deployed to Afghanistan in 2007-2009 and most recently to Papua New Guinea in Dec 2018 in support of operation APEC Assist.

MOST READ ONLINE AT WWW.AUSTRALIANDEFENCE.COM.AU



1. [Defence delays Land 200 Phase 3](#)
2. [Force Structure Plan – air capability investments](#)
3. [Fortress Australia – a defence sovereign capability post-Covid-19](#)
4. [And then there were three – Land 2097 bidders](#)
5. [Defence Strategic Update and Force Structure Review – the highlights and lowlights](#)

HAWKER PACIFIC DELIVERS SPECIAL MISSIONS CAPABILITY TO NZ

Hawker Pacific has delivered its fourth and final special mission Beechcraft King Air 350 to the NZ Defence Force (NZDF).

The new multi-engine KA350 aircraft will begin service with a focus on new aircrew training.

Under a 10-year agreement with the NZDF, Hawker Pacific is responsible for acquisition, modification and delivery of four multi-functioned mission focused King Air 350 (KA350) aircraft. It is also charged with delivering transport and training systems through real in-flight and virtual methods, and supporting these with a ground base training system, including engineering and logistics support, for use by the Royal NZ Air Force (RNZAF) at Base Ohakea.

Building on the NZDF interim Advanced Pilot Training Capability that served its former Beechcraft King Air 200 fleet, this new aircrew training capability provides airborne and ground training systems for multi – engine pilot training while concurrently training and graduating air warfare officers for the first time in NZ in more than two decades.

An acceptance ceremony for the fourth and final KA350 delivery was held at Ohakea with NZ Minister of Defence Ron Mark.

“Hawker Pacific is proud to have successfully completed this milestone delivery to the NZDF,” Craig Purry, Vice President Government Business Asia-Pacific, Jet Aviation, said. “Our experts in special missions and those of our strategic partners



An acceptance ceremony for the fourth and final KA350 delivery was held at Ohakea with NZ Minister of Defence Ron Mark. SUPPLIED

**"I KNOW THESE MODIFIED,
MISSION-FOCUSED AIRCRAFT AND
GROUND TRAINING SYSTEMS WILL
DELIVER ON THEIR ASSIGNMENTS"**

(Marops and Collins Aerospace) have spent three and a half years alongside the RNZAF and NZDF in bringing this comprehensive training capability to life. I know these modified, mission-focused aircraft and ground training systems will deliver on their assignments."

"As we move on to the next phase of our agreement, the Hawker Pacific NZ team whose sterling efforts have enabled this capability, will continue to provide exceptional service as they deliver on the through life, turn-key systems support for the RNZAF 42 Squadron," Purry concluded.

CANBERRA LOOKS TO BUILD AUSTRALIAN MILITARY SATELLITE COMMUNICATION CONSTELLATION

The government is taking the first step towards investing in Australia's first fully owned and controlled military satellite communication constellation, as part of its \$7 billion investment in space capabilities over the next 10 years.

"The Australian Defence Satellite Communications System project will be a critical enabler for the future operational capability of Defence, by providing real time operational and logistical information which is essential for the command and control of deployed forces," Minister for Defence Linda Reynolds said. "In our increasingly information-dependant warfighting domains, it will provide Australian controlled communications and assured access for the ADF and for others including Emergency Services."

The new future satellite communications capability will supplement, and then replace, the existing Defence satellite communications system, with a focus on supporting operations within the Indo-Pacific region.

The sovereign controlled system will be augmented by contracted commercial satellite communications and industry partners, to assure resilient communications globally



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IMAGE COURTESY OF GA-ASI.



L3HARRIS



A soldier providing tactical satellite communications on fire grounds in Balladonia, WA.

DEFENCE

“THE SOVEREIGN CONTROLLED SYSTEM WILL BE AUGMENTED BY CONTRACTED COMMERCIAL SATELLITE COMMUNICATIONS AND INDUSTRY PARTNERS”

for the ADF across a range of space operations.

“Over the next 15 years, Defence, in cooperation with the Australian Space Agency, will invest \$50 million in the Australian Space Industry for research and innovation in satellite communication technologies for future consideration,” Minister Reynolds said.

A Request for Tender is set to be released in late 2020 for the sovereign controlled satellite communications capability, which aims to engage a single prime contractor to deliver, upgrade and sustain the capabil-

ity over its life of type.

Potential opportunities for Australian industry involvement include software development, systems integration, facilities construction, system operators, sustainment, and participation in the supply chain through manufacture and supply of sub-systems and components.

Keep an eye out for *ADM's* Tender bulletin to see the latest opportunities and amendments.

PEOPLE ON THE MOVE

The University of Adelaide has appointed Joanne Wallis as Professor of International Security, as part of its plans to enhance its capability in security related research, and contribute additional expertise to major defence projects in the national interest. Joanne is a leading academic voice within the Australian strategic and foreign affairs policy community and the chief investigator on two ARC Discovery Projects, analysing Australian interventions in the Pacific Islands and the operation of the Australia-NZ alliance.

JOINT US-AUSTRALIAN SPACE SURVEILLANCE TELESCOPE TO BE IMPROVED

The government will invest \$87 million towards improving facilities at the joint US-Australian Space Surveillance Telescope, Naval Communications Station Harold E. Holt in Exmouth, on the tip of the North West Cape in WA.

During a visit to the facility in Exmouth, Minister for Defence Linda Reynolds said the significant investment will be used to build a new mirror recoating facility.

"As recently announced in the Defence Strategic Update and Force Structure Plan, the Government is significantly increasing investment in Defence's space capabilities with \$7 billion being invested over the next decade," Minister Reynolds said. "This world-leading, 360-degree telescope enables Defence to better track and identify objects and threats in space including space debris, as well as predict and avoid potential collisions.

"The telescope uses three large mirrors that periodically require a new coat of aluminium to maintain performance. This investment will be used to build a new mirror recoating facility and sustain the telescope through to the middle of 2025."

Minister for Defence Industry and the local Federal Member for Durack Melissa Price said Defence would provide opportunities to grow the Australian space industry through its Space Domain Awareness project.

"Space is a truly global endeavour, and Australia is now looking to make a strong contribution to space safety and security using home-grown technologies and systems," Minister Price said.

After capturing its first images of space in April 2020, the telescope will now undergo extensive testing, and is expected to be fully operational in 2022.



The telescope is expected to be fully operational in 2022.

DEFENCE



Airbus has formed Team Nightjar to respond to the Special Ops helicopter requirement.

DEFENCE

AIRBUS FORMS 'TEAM NIGHTJAR' FOR LAND 2097 PHASE 4

Airbus Helicopters has grouped over 20 Australian partners to form Team Nightjar, as the consortium launches its solution to Land 2097 Phase 4, which is seeking a fleet of helicopters to support Special Operations.

The Team Nightjar members include: Cablex, Cyborg Dynamics, Deakin University, DEWC, ECLIPS, Ferra Engineering, Helicopter Logistics, Helimods, Kinetic Fighting, Kratos Australia, Microflite, PREDICT Australia, QinetiQ Australia, Safran Helicopter Engines Australia, Seeing Machines, Sigma Bravo, Rusada, TAFE NSW, Tagai Management Consultants, Toll Helicopters, University of Technology Sydney, Varley Group and Varley Rafael Australia.

In response to the request for proposal for a four-tonne class, rapidly deployable, multi-role helicopter for the Special Forces, Team Nightjar will be offering a fleet of Airbus H145M and in-country support.

"We recognise the importance of working with Australian companies on this programme, with each partner offering niche capabilities to the Commonwealth. Building on our established commitment to Australian industry, Team Nightjar will have a strong

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**“THE NIGHTJAR IS KNOWN
TO HUNT IN PAIRS AND
CATCH PREY ON THE WING”**

focus on Australian industrial support and innovation,” Andrew Mathewson, Managing Director of Airbus Australia Pacific, said.

The local consortium says it will deliver “world leading training solutions, empower indigenous participation, and enable rapid design and delivery of enhancements throughout the program’s lifetime.”

It also says the teaming proposal will generate over “\$250 million of economic benefits and more than 170 Australian jobs.”

Australia’s smallest nocturnal bird of prey, the nightjar’s characteristics include agility, stealth through its compact size, excellent camouflage, silence in flight and non-reflective eyes. The nightjar is known to hunt in pairs and catch prey on the wing, combining its heightened senses, agility, speed, power and focus – hence its adoption by the Airbus consortium.

HUNTER CLASS PROGRAM WELCOMES FIRST APPRENTICES

**The first intake of apprentices from SA has started
work on the Hunter Class Frigate Program with ASC
Shipbuilding, a BAE Systems Australia company.**

The 18 apprentices will form part of the growing workforce that will build the nine Hunter class anti-submarine warfare frigates. The students have all been recruited from 10 SA schools.



The students have all been recruited from 10 SA schools.

BAE SYSTEMS AUSTRALIA

"The high school students will work in steelwork, mechanical, electrical and technical trades and will have the opportunity to begin their training while also completing school," Minister for Defence Industry Melissa Price said.

"This apprenticeship program complements the work that ASC Shipbuilding is doing with its Diploma of Digital Technology. This is a terrific program that began earlier this year and which teaches the digital technology skills needed to work on the Hunter class frigates."

**"PROGRAMS SUCH AS THIS ARE
IMPORTANT IN CREATING LONG
AND REWARDING CAREERS"**

ASC Shipbuilding will hire over 500 apprentices throughout the multi-decade Hunter Class Frigate Program, with a second intake of 22 students to occur later this year.

By the time nine anti-submarine warfare frigates are built, it's estimated that three-quarters of the program workforce, including senior executives, will have

started as graduates or apprentices.

"Recruiting our first group of apprentices is an important and significant step for the Hunter Class Frigate Program," ASC Shipbuilding Managing Director Hunter Class Frigate Program, Craig Lockhart said. "Programs such as this are important in creating long and rewarding careers in the industry."

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FORTHCOMING EVENTS

ADM EVENTS

More detail on ADM Events can be found on our [dedicated website](#).

- [ADM Women in Defence Awards](#) – 23 October 2020 | National Arboretum
- [Defence in the North](#) – 28 October 2020 | Darwin Convention Centre
- [ADM Space Summit](#) – 2 December 2020, Hyatt Hotel | Canberra
- [ADM Congress](#) – 3 February 2021, Hyatt Hotel | Canberra
- [ADM DEBSS](#) – 23 February 2021, Hotel Realm | Canberra

STRATEGIC VISION 2020: THE ASPI CONFERENCE SERIES

DATE 22 July – 14 August 2020
LOCATION Online – Free registration
WEBSITE <https://www.aspi.org.au/event/strategic-vision-2020-aspi-conference-series>

The Australian Strategic Policy Institute (ASPI) is delighted to invite you to our virtual conference series, Strategic Vision 2020. Over the course of four weeks, join Australian Walkley Award winning journalist, Stan Grant, in conversation with global thought leaders and policy makers on the big, strategic challenges Australia and the world are facing.

IPSWICH INDUSTRY NETWORK UPDATE WEBINAR

DATE 23 July 2020
LOCATION Online
WEBSITE <https://register.gotowebinar.com/register/4518575383361782544>

You are invited to attend the Education, Research and Training webinar on Thursday 23 July from 11 am to 12.30 pm. A great opportunity to hear directly from industry panel via this interactive, informative and insightful webinar series. The Panel will share their practical insights on: how are they managing and their best practices through COVID-19 pandemic, any contingency tactic that helped them to remain competitive, and how industry and government partnerships assist to offer opportunities for SMEs.

2020 INTERNATIONAL ROUNDTABLE WORKSHOP – BRISBANE

DATE 27 August 2020
LOCATION QUT Brisbane, Gardens Point Campus, Brisbane City
WEBSITE <https://iccpm.com/events/2020-rts-brisbane/>

The International Centre for Complex Project Management (ICCPM) invites project leaders to participate in the 2020 International Roundtable Series. Workshops will be held in key Australian locations and internationally.

AUSCERT 2020

DATE: 15-18 September
LOCATION: The Star, Gold Coast
WEBSITE: www.auscert.org.au/giveaway..

The AusCERT Conference is the oldest information security conference in Australia. Each year, we attract in the vicinity of 800 participants and approximately 50 sponsors. AusCERT is hosting more than 50 speakers at AusCERT2020, as well as an array of tutorials, workshops, networking events & much more.

2020 VERNON PARKER ORATION AND DINNER

DATE 13 October 2020
LOCATION Hotel Realm, Canberra
WEBSITE navalinstitute.com.au/2020-vernon-parker-oration-and-dinner

Sir Peter Cosgrove has kindly agreed to deliver the 2020 Vernon Parker Oration on 17 June. Sir Peter was Governor-General from 2014-2019 and former Chief of the Defence Force. In January 2020 Sir Peter accepted the voluntary role as chairman of the Business Council of Australia's Community Rebuilding Initiative in response to the 2019/20 bushfires.

2020 ANI GOLDRICK SEMINAR – REMOTE AND AUTONOMOUS SYSTEMS AT SEA

DATE 13 and 14 October 2020
LOCATION Adams Auditorium, Australian Defence Force Academy
WEBSITE navalinstitute.com.au/latest-ani-events-and-archive/

The 2020 ANI Goldrick Seminar will discuss a wide range of issues around Remote and Autonomous Systems at Sea. It will comprise six sessions over 1.5 days covering an overview of Remote and Autonomous Systems at Sea (RAS); RAS in the Littoral Domain; RAS in the Maritime Air Domain; RAS in the Undersea Domain; Measuring Effective, and Legal and Ethical Considerations.

4TH ANNUAL SYSTEMS MODELLING CONFERENCE 2020

DATE 27 October 2020

LOCATION Online

WEBSITE <https://www.unsw.adfa.edu.au/conferences/SMC-2020>

The Capability Systems Centre runs one-day conference on the use of whole-systems approach to design and manage complex problem in socio-technical and socio-ecological systems. The daylong virtual conference on October 27th will feature showcases on the use of systems thinking and systems modelling in a wide range of areas. The event provides a platform for researchers and practitioners to communicate about scientific and practical aspects of real-world problems, receive feedback, and share learning lessons.

10TH BIENNIAL SIA CONFERENCE 2020

DATE: 17-18 November 2020

LOCATION Hotel Realm, Canberra

WEBSITE <https://www.submarineinstitute.com/sia-conferences>

The 10th Biennial SIA Conference will be held 17-18 November 2020 at the Hotel Realm, Canberra. This year's theme is 'Submarine Build and Sustainment Programs: The Strategic Nature of Reliable, Sovereign Supply Chains'. The Call for Presentations is available on the website.

2021

43RD COSPAR SCIENTIFIC ASSEMBLY

DATE 28 Jan-4 Feb 2021

LOCATION International Convention Centre Sydney

WEBSITE www.cospar2020.org

The Australian space research community enthusiastically extends the invitation to you, to meet with us for COSPAR 2020, and in so doing to forge the friendships and opportunities that will connect space research for global impact. The 2020 Assembly will combine the latest in space research findings with activities designed to enrich the global space research community – including helping equip our future leaders, and workshopping with space industry – and inspire the next generation of scientists and engineers.

LOCATE21

DATE 30 March – 1 April 2021 (rescheduled dates)
LOCATION Brisbane Convention and Exhibition Centre
WEBSITE <https://www.locateconference.com/2021/>

Due to COVID-19, Locate20 has been rescheduled for Locate21 happening in Brisbane March 30 – 1 April 2021. The event will focus on how geospatial technologies are intersecting with business, Government and defence to address national challenges. It's Australia's premier spatial conference with the inclusion of over 50 inspiring thought-leaders including speakers from government, academia, the defence force, technology, mining, natural resources and more. We believe this conference is of interest to defence personnel.

LAND FORCES 2021

DATE June 1-3 2021
LOCATION Brisbane Convention Centre
WEBSITE www.landforces.com.au

The biennial LAND FORCES exposition is an international industry event to showcase equipment, technology and services for the armies of Australia and the Indo-Asia-Pacific. The Land Forces 2020 team is now setting about ensuring the event will achieve its goals of providing an effective platform for the exchange of ideas on key land forces issues and of taking Australian industry to the world.

ROTORTECH 2021

DATE 15-17 June 2021
LOCATION Royal International Convention Centre, Brisbane
WEBSITE www.rotortech.com.au

The new dates for Rotortech will be Tuesday 15 June to Thursday 17 June 2021. The venue, the Royal International Convention Centre in Brisbane, is unchanged. Rotortech is the region's premier helicopter and unmanned flight systems showcase and forum, featuring more than 100 participating companies and key speakers from industry and government. We believe that deferring Rotortech to its new June 2021 dates will achieve this goal by moving the event to a time where the COVID situation will have improved and the current uncertainties will have passed.

PROJECT AND PROGRAM MANAGEMENT SYMPOSIUM

DATE 10 – 12 August 2021 (rescheduled dates)
LOCATION Canberra Rex Hotel
WEBSITE <https://www.pgcsymposium.org.au>

Foresight is more valuable than hindsight! PGCS 2020 is designed to help project and program managers, and their sponsors and senior managers, develop the skills and understanding needed to deliver projects success in the next decade. Creating the organisational capability needed to underpin the consistent delivery of successful projects in the 2020's starts at the top. Now in its 8th year, PGCS 2020 will focus on ways to build the foundations needed to create project and program success

AVALON 2021

DATE 23-28 November 2021
LOCATION Avalon Airport

The Australian International Airshow and Aerospace & Defence Exposition is one of Asia-Pacific's most prestigious aviation and aerospace events and the most comprehensive aviation, aerospace and defence exposition in the southern hemisphere. Avalon hosts multiple concurrent conferences and expo streams, across the spectrum of Defence, Airlines, Business and General Aviation, Sport and Recreational Aviation, Airports, MRO, Space, Unmanned Systems, Air Safety and Ground Equipment.

2022

PACIFIC 2020 BECOMES INDO PACIFIC 2022

DATE May 2022
LOCATION Sydney Convention Centre
WEBSITE www.pacificexpo.com.au

Reflecting the increasing importance of the Indo Pacific region to the entire world, the PACIFIC International Maritime Exposition will become the INDO PACIFIC International Maritime Exposition from 2022. Initially, there will be a new timing. Instead of the previously planned PACIFIC dates in August 2021, INDO PACIFIC will now, in the wake of COVID 19, initially be held during May 2022.

VARIOUS DATES

NSW DEFENCE INNOVATION NETWORK'S REGIONAL ROAD SHOW

DATE: Various**LOCATION:** Various**WEBSITE:** defenceinnovationnetwork.com/din-regional-road-show-2019-20

NSW Defence Innovation Network and AIDN will be undertaking a series of small business focused regional forums across NSW. Register to attend and hear about the programs, grants, opportunities and services the NSW Defence Innovation Network (DIN) provides to the small business community across NSW. We encourage small businesses to engage with us and participate in opportunities across our networks, including DIN's seven partner universities, as well as with other state and federal agencies.

ICCPM ONLINE WORKSHOPS

DATE Various**LOCATION** Online**WEBSITE** www.iccpm.com/online-workshop-webinars

Designed to support project teams who are experiencing new challenges due to COVID-19 concerns – Learn how to mitigate new risk levels, effectively deploy virtual teams, manage messy problems and more. ICCPM Online Workshops and Webinars provide you with an easily accessible and engaging option to continue your training from anywhere in the world. These options provide you and your team with a conducive learning environment to support your complex project success.