Capability Statement

2024

Ascent

Overview

Specialised engineering, technical support, project management and consulting to Defence and Defence Industry.

Ascent Pty Ltd is a wholly Australian, veteran owned company that specialises in support to Defence and related industries.

Our highly experienced workforce, comprising of nearly 50% veterans, has significant experience in a range of engineering and logistics specialisations, management consultancy, research & development (R&D) and testing & evaluation (T&E). Additionally, we hold certification across all areas of Defence with a specialisation in Guided Weapons and Explosive Ordnance (GWEO) and Aircraft Structural Integrity (ASI).

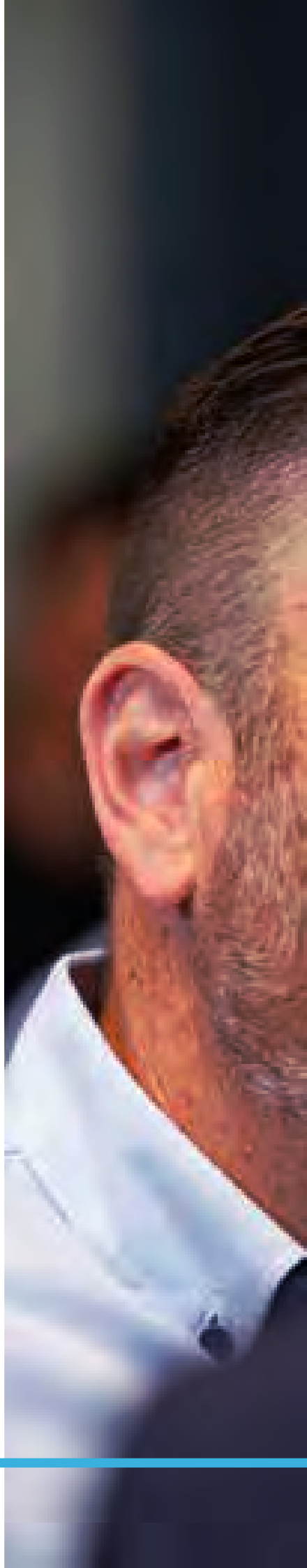
Ascent has an extensive network of relationships, both domestic and international, that allow us to develop innovative and unique solutions to meet our clients' needs. We leverage our knowledge and experience and combine it with specialised subject matter experts in industry and academia to create unique and innovative solutions. Our clients confirm that our personnel play a crucial role in their value chain and deliver exceptional results for their investment.

Ascent is a selective employer and our personnel have been used to effectively multiply the output capability of supported organisations.

Not content to simply provide professional services, Ascent has expanded beyond people to tools, systems, and processes. Recently we have developed software tools to solve ongoing issues such as Aviation Weight and Balance applications and Corrosion Management. This expansion is continuing into T&E capabilities and complex Unmanned Aircraft Systems (UAS) certification methodologies. Ascent are leading the way in solving problems that have remained a thorn in the side of progress for the better part of a decade.

Ascent are Academic and Innovation partners with the University of NSW Canberra via their Launch UNSW Innovation Hub and the University of Adelaide, as well as the Lot Fourteen Innovation precinct.

Ascent is a trusted supplier of professional services and advice to some of the world's leading Defence Prime Contractors, providing support in delivering capability to the ADF. Ascent maintains offices in Canberra, Melbourne and Adelaide with exceptional quality staff in all major Australian states and territories including QLD, NSW, ACT, VIC, SA and WA. Ascent is ready to support you as a strategic partner in meeting your requirements.



"We get the best possible people, to get the best possible outcome for the customer."

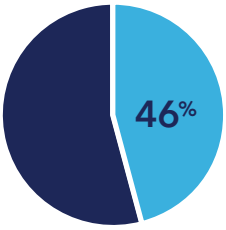
Jason Doherty,
Division Head - Aerospace

Company Data

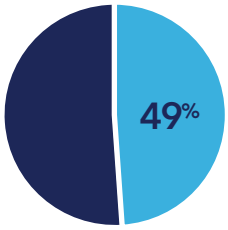
- ✓ Supporting ADF since 2016
- ✓ A Proud Veteran Employer
- ✓ Complex Problem Solvers
- ✓ GWEO Subject Matter Experts

Since its inception, Ascent has grown to a team of 50+ highly experienced and regarded engineers and managers, having built a reputation of always putting customers' needs first and delivering to meet or exceed expectations on time and within budget. Ascent is an approved service provider to the ADF and various primes in the Defence sector both in Australia and the United States of America.

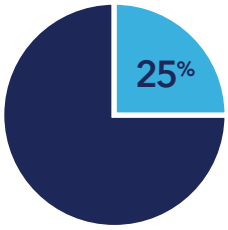
Australian Veteran Owned & Operated



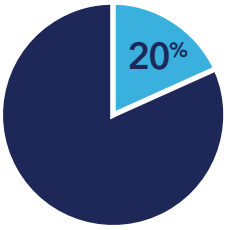
Veterans



Chartered CPEng



On Our Graduate Program



Women

Where We Work

- **24%** SA
- **17%** VIC
- **10%** QLD
- **24%** NSW
- **17%** ACT
- **8%** WA

Recognised Skills

Ascent is a DSS Level 4 recognised service provider for:

- ✓ Guided Weapon Engineering
- ✓ Non-Guided Weapon Engineering
- ✓ Aerospace Systems
- ✓ Submarine Systems
- ✓ Systems Integration
- ✓ Mechanical Engineering
- ✓ Systems and Software Engineering
- ✓ Systems Safety Management and Engineering
- ✓ Technical Publication Authoring

Additionally, we are recognised DSS Level 1-3 for the above and a total of 22 skill sets.

Ascent is also a DIST Panel Level 1-5 recognised service provider to support DSTG for:

- ✓ Aeronautical Engineering
- ✓ Blast Physics
- ✓ Computer Systems Engineering
- ✓ Energetic Materials
- ✓ Logistic Systems Scientists and Engineers
- ✓ Undersea Warfare and Sonar Technologies

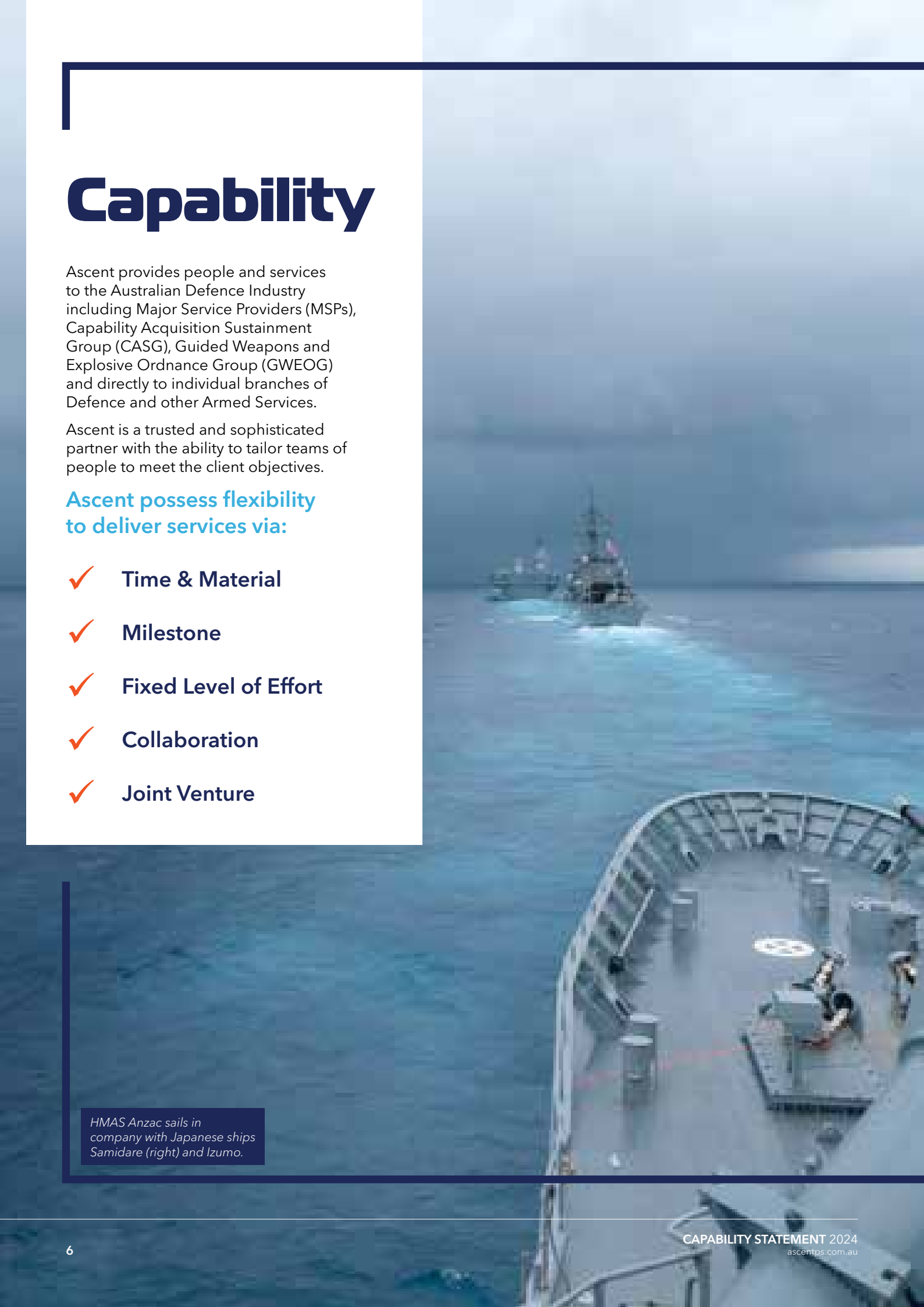
Capability

Ascent provides people and services to the Australian Defence Industry including Major Service Providers (MSPs), Capability Acquisition Sustainment Group (CASG), Guided Weapons and Explosive Ordnance Group (GWEOG) and directly to individual branches of Defence and other Armed Services.

Ascent is a trusted and sophisticated partner with the ability to tailor teams of people to meet the client objectives.

Ascent possess flexibility to deliver services via:

- ✓ **Time & Material**
- ✓ **Milestone**
- ✓ **Fixed Level of Effort**
- ✓ **Collaboration**
- ✓ **Joint Venture**



HMAS Anzac sails in company with Japanese ships Samidare (right) and Izumo.

Point of Difference

We are building a future workforce

Ascent are a major employer of STEM Graduates. Our philosophy is to raise, train and sustain the future workforce.

We have pooled knowledge

When you engage one team member, you get access to the combined knowledge and resources of the entire extensive Ascent team.

We hire the best

Not everyone is good enough to work at Ascent. We scout for highly qualified and experienced personnel possessing relevant post-graduate qualifications, including Masters in Explosive Ordnance Engineering, Gun Systems Design, Engineering Science, Aerospace Engineering, Business and Project Management. Importantly, we source people with personality and a reputation for delivery and achievement.

We put our customers first

Customer focus and satisfaction where we are reliable and responsive to our customers needs. Your success is our success.

We are accredited

We are made of state, nationally and internationally certified and accredited engineers.

We have been the customer

Ascent founders and employees possess military operational experience across many platforms and weapon systems, which we bring to bear in our engineering, technical, and management delivery.

We have been the designer, manufacturer and tester

Understanding how platforms and weapon systems are designed, tested and manufactured gives us a unique perspective.

We have authority

We provide significant CASG and GWEOG Senior Engineering workforce support, with our personnel having held the highest level of Engineering Authority as Senior Design Engineers, DAARs, Deputy Senior Design Engineers and Chief Engineers across all service domains. Our personnel are qualified and experienced, and are more than capable to fill Regulator defined positions in Aviation and Explosive Ordnance.

We make a difference to the future ADF

Ascent have embarked on several key projects that will define the future ADF:

- Joint Logisitic Corps (JLC) Guided Weapons and Explosive Ordnance including Training Needs Analysis.
- Explosive Ordnance Test and Evaluation collaboration.
- CorroVision – a machine learning tool to predict where corrosion will occur.
- A system of systems approach to assist RAAF Continuing Airworthiness Management Organisations (CAMO) throughout the ADF.

We understand Defence

As an employer of veterans and active reservists, our people understand Defence and ADF needs. We are distributed Australia-wide, with personnel ready to assist in all major capital cities.

Land

Ascent supports the Acquisition and Sustainment of Australian Army GWEO capabilities via the provision of engineering services to GWEOG LEOSPO.

Our Ascent Land Division team hold engineering authority for all army-owned ammunition. Ascent provide senior engineers and engineering staff to LEOSPO for the following projects:

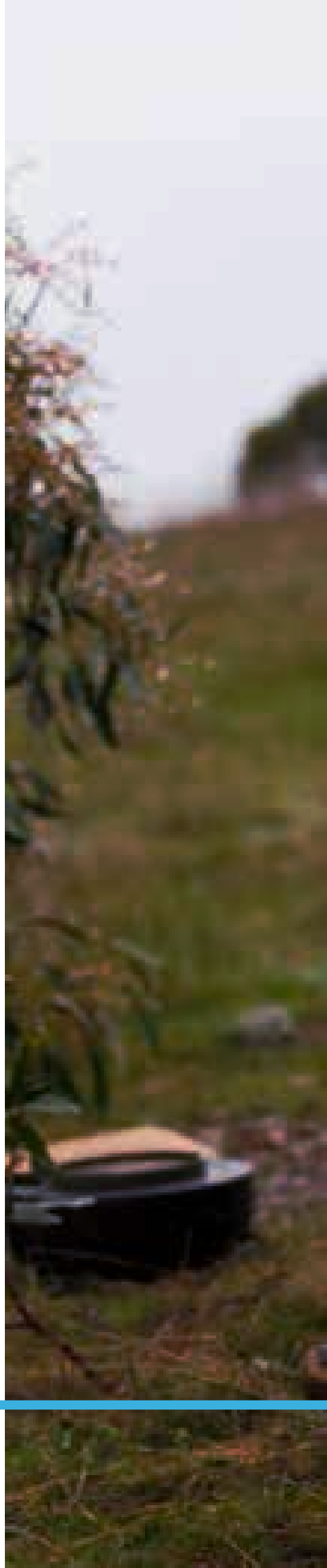
- **L8113** - Long Range Fires (GMLRS-U, GMLRS-AW, GMLRS-ER PrSm)
- **L8116** - Protected Mobile Fires (Self Propelled Howitzer)
- **L17** - Future Artillery Ammunition (155mm Assegai Ammunition)
- **L121PH3B** - Medium and Heavy Vehicle Fleet Replacement
- **L400** - Spike LR2
- **L907** - Main Battle Tank Upgrade
- **L8160** – Combat Engineering Vehicles
- **Sustainment** – Dismounted Combat

CASG

- **ISREW**
  Certification and management of Electronic Countermeasure (ECM) software and hardware, coupled with the Introduction Into Service (IIS) of the Deployable Level 2 Forensics Lab for Counter-Improvised Explosive Device (CIED) exploitation.
- **SOCOM**
  Direct contract with SOCOM for the One Way Loitering Munition (OWL) provision of engineering and technical services for certification for trials.

Defence Primes

- **NIOA**
  Continued support to Nioa as the Explosive Ordnance Engineering partner of choice, forging progressive independent assurance models for the true "turnkey" approach to the supply of critical new capability. Most recently we have supported them as the sole L159 EO certification provider.
- **Raytheon Australia**
  Technical and engineering services for Land 19 Ph7B.



Australian Army preparing to fire a Javelin FGM-148 direct fire, guided weapon system.

HMAS Warramunga conducting a 5 inch gun firing.

Maritime

Ascent supports the Acquisition and Sustainment of Royal Australian Navy (RAN) GWEO capabilities via the provision of engineering services to GWEOG MEOSPO and the Defence Industry.

Engineering Governance

Ascent provides senior engineer support directly to the MEOSPO Chief Engineering Unit supporting a range of governance activities including staff training and mentoring, development of technical procedures and advising on the application of the Engineering Management System and EO Regulations and policies.

Acquisition

Ascent provides senior engineer acquisition support across a range of RAN weapon acquisitions consolidated under the MEOSPO SEA1300 Program. Weapons include:

- Evolved Sea Sparrow Missile Block II (ESSM BLK 2)
- Standard Missile-6 Block1 (SM-6 BLK 1)
- Tomahawk Land Attack Missile (TLAM) BLK V)
- Standard Missile 2 (SM-2 BLK IIIC)
- Mk 54 Mod 2 Advanced Lightweight Torpedo (ALWT)
- SeaFox Mine Disposal System

Manufacturing

Ascent is collaborating with Rheinmetall Australia to deliver the Explosive Ordnance Certification of the Multi Ammunition Soft Kill System (MASS) introduction into RAN service and local assembly of decoy consumables.

Maritime Cont.

Sustainment

Ascent provides senior engineering sustainment support to various in-service missiles and torpedoes managed by the MEOSPO Navy Missile Maintenance Facility and the Torpedo Maintenance Facility (TMF).

Weapons include:

- SM-2
- ESSM BLK1
- Mk 48 Mod 7 Heavyweight Torpedo
- Mk 54 Mod 0 Lightweight Torpedo
- MU90 Lightweight Torpedo

Ascent has supported the planning and delivery of the Advanced Precision Kill Weapon System (APKWS) in-service Sequential Environmental Test & Evaluation (T&E) Program.

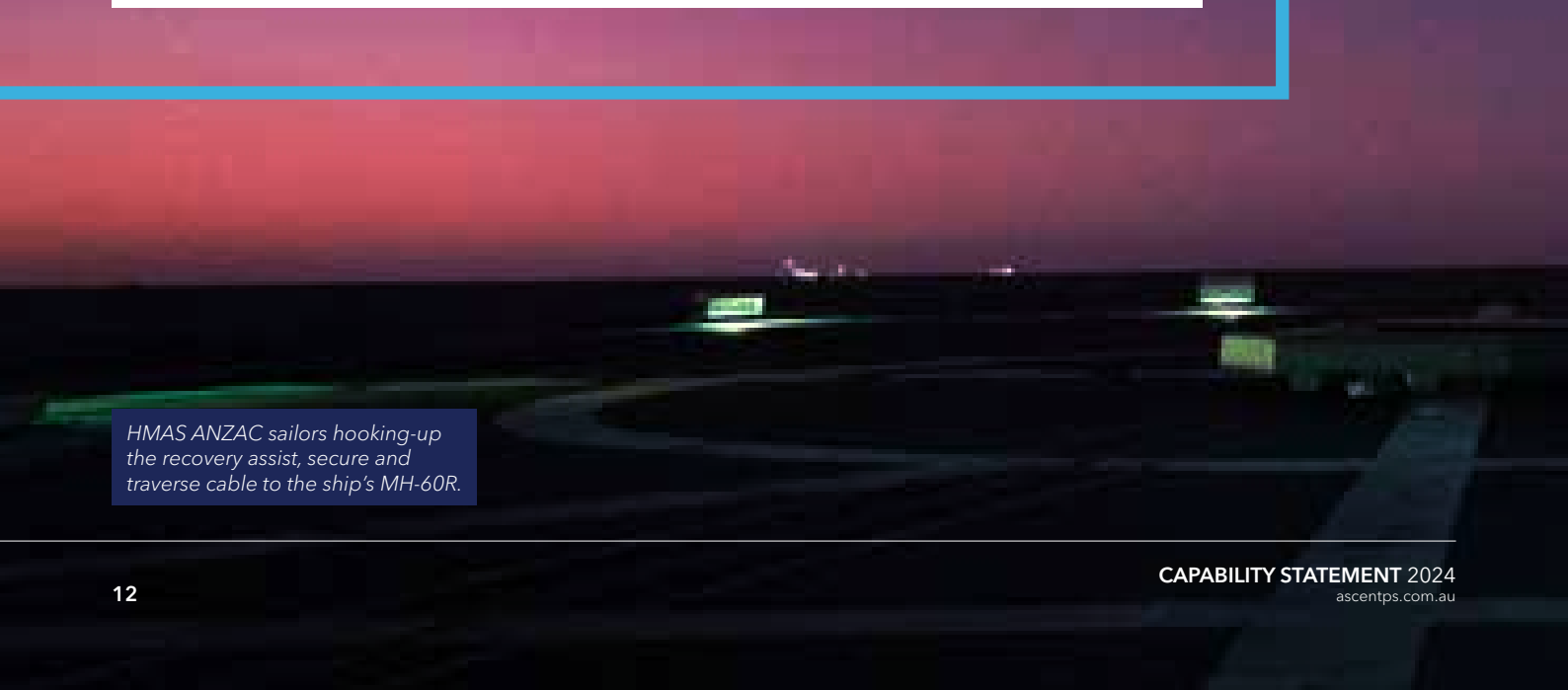
Platform Work

Ascent has also provided support to various Maritime platforms including the MH-60R Seahawk, Collins Class Submarine, Hobart Class, Hunter Class, and the Attack Class Future Submarine prior to termination.

Future Capabilities

Ascent provides ongoing GWEO engineering and senior engineering support to the lifecycle planning and requirements development of the following future Maritime Armaments Cooperative (ACP) and AUKUS programs:

- Mk 48 Heavyweight Torpedo Spiral Upgrades
- Mk 54 Mod 2 Advanced Lightweight Torpedoes (ALWT)



HMAS ANZAC sailors hooking-up the recovery assist, secure and traverse cable to the ship's MH-60R.

Royal Australian Air Force (RAAF) operating Australia's newest F-35A Lightning II's delivered from Luke Air Force Base, Arizona USA.

Aerospace

Explosive Material Branch – Aerospace Explosive Ordnance System Program Office

Ascent supports the Acquisition and Sustainment of RAAF GWEO capabilities via the provision of Engineering Services to GWEOG AEOSPO. Our Ascent Air Division team hold engineering authority for an array of RAAF weapons, counter measures and egress equipment. Ascent provide senior engineers and engineering staff to AEOSPO for the following areas:

- Aircraft Bombs Integrated Product Team
- Non-Guided Integrated Product Team
- Air-To-Surface Integrated Product Team

Ascent also supports a range of governance activities including staff training and mentoring, development of technical procedures and advising on the application of the Engineering Management System and EO Regulations and policies.

Army Helicopter Acquisition Project

LAND 4507
Supporting the introduction into service of the UH-60M Blackhawk Helicopter and its associated installed explosive ordnance.

Heavy Air Lift System Program Office

HALSPO - C17
Supporting the remediation of C-17 installed explosive ordnance certification, and development of instructions for continuing technical integrity.

Air Combat and Electronic Attach System Program Office

Ascent directly support F/A-18F Super Hornet, weapons integration, aircraft stores clearance expertise, and platform upgrade programs.

The Australian Space Agency

In a joint venture with Praxis Aerospace, Ascent provides engineering expertise, and suitably qualified expert support to Australian Space Agency with Return Authorisation (RCD04).

Operational Aviation and Aerospace T&E

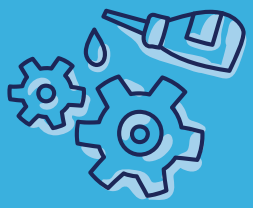
We provide safe, effective, and efficient solutions for customers seeking to deliver aviation capabilities to Defence and Defence Industry across all domains.

The division is growing with dynamic and highly skilled personnel dedicated to providing comprehensive support to, and execution of, aviation flying operations. We specialise in developmental and operational test and evaluation (DT&E/OT&E) of military aircraft and systems, cross domain communication systems, laser systems, and man-portable mission equipment for air effect integration. With a proven track record in aviation operations, safety management systems, capability definition, flight training services, and synthetic training device management, we are committed to delivering unparalleled expertise and support to meet the unique needs of our clients.

Three F-35A Lightning II aircraft.

Operational Aviation and Aerospace T&E Cont.

Core Competencies



Developmental and Operational T&E

Our division possesses extensive experience in planning, executing, and reporting on DT&E and OT&E for a wide range of military systems. Division personnel have qualified as experimental flight test aircrew from leading test pilot schools, and have years of experience testing new and modified aircraft. We have a demonstrated ability to develop certification plans, test plans, verification and validation procedures, and ensure rigorous evaluation and reporting of test results.

Flight Training Services

Our division supports Defence aircraft programs through the provision of comprehensive flight training services for type conversion training on leading Air Force capabilities. We provide high-quality instruction, focused on military pilot training in all phases of type specific training from initial type rating through to captaincy and tactical employment, ensuring the proficiency of aviation personnel.

Aviation Safety Management Systems

We are well-versed in the development and implementation of Aviation Safety Management Systems (ASMS), ensuring the highest standards of safety in all aviation operations. Our expertise extends to incident response and investigation, allowing us to maintain a proactive approach to safety.

Synthetic Training Device Management

We excel in managing high-fidelity synthetic training devices, planning for their qualification, defect remediation, and recurrent fidelity checking. Our personnel have completed CASA approved simulator evaluation training and routinely support Defence in this area. These devices provide realistic and immersive training experiences for aviation personnel.

Capability Definition and Documentation

We have a deep understanding of the Defence Capability Life Cycle philosophy, processes and artefacts. Our personnel are proficient in producing capability definition documents, concepts of operations, and functional performance specifications. Our team ensures clarity and alignment with strategic objectives and the needs of capability managers.

Operational Areas of Expertise

Our personnel have a wide variety of real-world operational experience across most of the globe in tactical aviation operations, including Intelligence, Surveillance and Reconnaissance (ISR), air-land integration and terminal attack control, battlespace management, and maritime warfare including undersea warfare. This expertise enables us to provide tailored solutions and insights to enhance operational capabilities.

EA-18G Growlers conducting Air-to-Air Refuelling with a KC-30 Multi-Role Tanker Transport over the Alaskan Mountain Range.

Aircraft Integrity Management

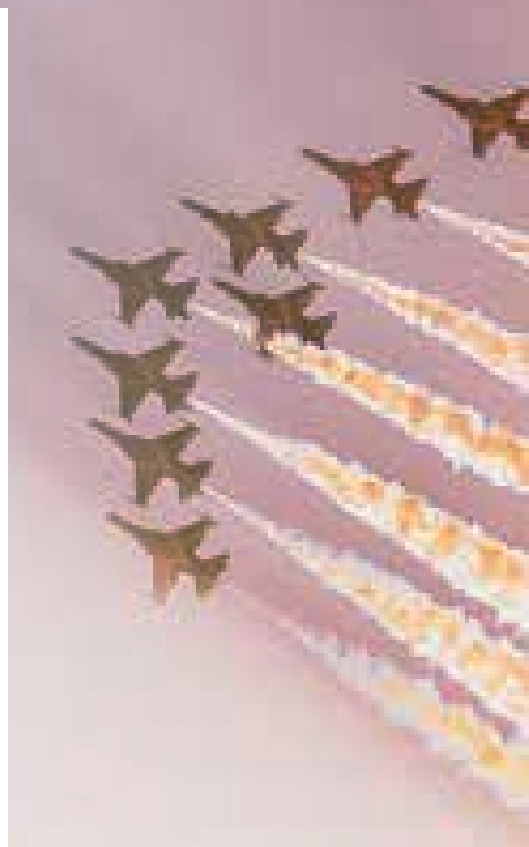
Ascent has broad expertise in the development, management, and implementation of Aircraft Structural Integrity (ASI) and Propulsion Systems Integrity (PSI) programs.

Our skills stem from significant on-aircraft experience that is complimentary to extensive Defence Aviation Safety Regulation (DASR) Part M, Part 21, and Part 145 maintenance experience. In particular, Ascent are industry experts in the Configuration, Role and Environment (CRE) disparities between the Australian Defence Force and US military, and navigating how non-DASR approved products can be consumed and executed within a DASR-compliant aircraft sustainment program.

Our personnel help platform operators, both domestically and internationally, develop, implement, and manage Aircraft Integrity Programs to:

- Reduce duplication of effort
- Align resources to obtain best-for-platform outcomes
- Ensure adequate consideration for outcomes defined by end-user requirements
- Consideration and consultation with, and between, all relevant stakeholders
- Ensure the related continuing airworthiness elements of the platform are met
- Deliver a customer-focused and regulator-compliant engineering service

We implement proactive solutions, within the allocated resource constraints, based on our unique corporate knowledge, experience, and understanding of the regulatory framework. Our ASI capability ensures that we look to challenge the status quo, where appropriate, to ensure we attain the best value for money, with the aim of increasing platform availability whilst maintaining, or improving, platform safety.



In line with requisite industry standards, DASR Part M, and Part 21, Ascent can:

Ensure so far as reasonably practicable that any degradation of integrity, whether actual or perceived, does not present risks to the health and safety of the platform. Additionally, we safeguard the operators by ensuring our personnel have a direct relationship with the end-users and relevant stakeholders.

Assure relevant regulatory and airworthiness requirements are carried out in accordance with the customers' needs. We will ensure any failures, malfunctions or defects are thoroughly investigated, tracked, and rectified, ensuring continuity of platform capability availability.

Monitor changes to maintenance requirement determination, airworthiness limitations, or Configuration, Role & Environment (CRE) and ensure mandatory reporting to regulatory organisations.

Enable cost-effective capability through aligning best practices in line with Ascent's extensive experience gained on stewardship of RAAF and US platforms. This includes the identification of areas for alternative, more efficient and effective solutions to reduce the cost of ownership across the program's lifecycle.

Ascent are not just another engineering company that will provide an engineering analysis report with a list of recommendations. We will be the team that will implement these recommendations onto in-service aircraft as we as enact the necessary programmatic changes and increase platform availability. Although many platforms aim to implement the current industry best-practices (MIL-STD-1530D, MIL-STD-3024, MIL-STD-1798C), we aim to go beyond, especially when it relates to implementing changes and requirements into an Aircraft Integrity program.

Our goal is to be the industry leaders in the management and implementation of ASI programs to deliver real, measurable outcomes to in-service aircraft, and we have the experience, and the track record to prove it.

The Republic of Korea Air Force Black Eagles aerobatic team during a demonstration at the Australian International Airshow 2023.

Innovator Program

Aras Innovator is a product lifecycle management tool that began implementation throughout Explosive Material Branch (EMB, now GWEO Delivery Division) mid-2022 and has been utilised to manage the configurations, and capture engineering changes, of all EMB (now GWEODD) Explosive Ordnance inventory items.

So why did we leave Emerald and move to Innovator? In 2018, a review of the EMB Configuration Management (CM) system was conducted with a recommendation to DENG that EMB consider the implementation of Innovator as an interim activity to resolve serious CM deficiencies within EMB and prepare EMB data for an eventual migration to enterprise resource planning (ERP) in 3-5 years. In the finest traditions of the Australian Defence Force, ERP now has an estimated delivery date for Explosive Ordnance inventory items past 2030. As a result, the scope of the Innovator project has increased from a stop-gap measure to a sustained configuration management and inventory health reporting solution with the Engineering Management System (EMS) at its core.

As such, some of the features that Innovator provides are:

- A holistic solution that provides cradle-to-grave management of configuration Items
- Aligning disparate management of baseline information across all IPTs
- Aligning disparate business processes and allowing for the identification and correction of "unique" interpretations of the EMS
- Accountability of all members in the system
- Compliance with CASG policy and successful closure of numerous CASG audit Corrective Actions (CARS)
- The ability to report on all aspects of the engineering change process
- A comprehensive understanding of all items in inventory
- Tracking and management of energetic material and its relationship to in-service EO
- Visibility and ability to highlight deficits and new requirements with the EMS and Configuration Management Plan (CMP)

Whilst the Innovator Configuration Team has led the change, none of this would have been possible without all of the Ascent Engineers who have provided support and pragmatic advice that is based on good engineering and configuration management principles.

Australian Army soldier inventories ammunition.

Australian Army Boxer Combat Reconnaissance Vehicle.

Defence EO Professionalisation Framework (DEOPF)

The Defence EO Professionalisation Framework program forms part of Defence's overall EO enterprise workforce reform plan.

The GWEO Program in the Joint Capabilities Group (JCG) has recognised the need to develop an EO Professionalisation Framework, which stemmed from previous organisational and report findings into the EO enterprise workforce.

The DEOPF is one of several reform activities currently being delivered across the Australian Defence Organisation (ADO).

DEOP engaged Noetic to review the current, all Services and Group arrangements for the EO workforce. Their key outcomes were seeking to:

- Adopt an enterprise-wide approach on how ADO deliver EO capabilities as well as develop and train the EO workforce to deliver said capabilities
- Create a Professionalisation Framework based on capability requirements that align to a common and agreed set of EO Occupational Standards
- Optimise the Joint Training System by aligning EO training to the agreed capability standards

Defence acknowledges that Ascent and other industry stakeholders are integral to the success of the Defence EO Professionalisation Program and the EO Enterprise.

The Problem

In today's fast-paced and dynamic military aviation environment, the reliability and accuracy of Weight and balance (W&B) calculations are absolutely paramount. Traditional W&B calculation tools have remained unevolved for decades, and ultimately present a set of challenges that can no longer be ignored. These tools are often implemented as cumbersome spreadsheets, or as commercial off-the-shelf (COTS) software packages originally intended for civilian applications. While they may serve their intended purpose for pre-flight loading calculations, they fall short when it comes to addressing the unique and safety-critical demands of military operators.

While conventional tools such as spreadsheets or electronic forms are widely used, they introduce a significant risk of user error, especially in a high-pressure and time-sensitive military setting. Such solutions are highly bespoke to specific aircraft and fail to conform to universally recognised regulatory requirements and best practices. By design, critical considerations for system safety, software reliability, cybersecurity, and Human Machine Interface (HMI) design, often take a back seat in these bespoke solutions.

Although the adoption of readily available civilian tools may alleviate some of this burden, they cannot account for the various weight-changing scenarios military operators encounter on a day-to-day basis. In civilian aviation, the idea of cargo or other objects falling off the aircraft is generally considered a safety issue. However, in the military, this is the norm. In-flight refuelling, weapons expenditure and paratroopers are just a subset of the various in-flight weight-changing scenarios that must be considered. Ultimately necessitating dynamic decision-making by aircrew to effectively manage their associated hazards.

In the modern setting, every moment counts, and operators often have little capacity and capability to perform gross error checks. Current solutions introduce an element of uncertainty and potential inefficiency that can compromise mission readiness and, most importantly, the safety of operations.

A Pilot Focussed Solution

Enter AeroATLAS, a ground-breaking solution developed by Ascent. AeroATLAS represents a seismic shift in military W&B calculation, as it has been meticulously crafted from the ground up to address all the specific needs and challenges of military operations. It's not merely a repackaging of existing tools; it's a holistic approach to enhancing the entire W&B calculation process.

AeroATLAS is not just a software package, it's a strategic enabler for military aviation. When paired with its operator-focused HMI layout, AeroATLAS empowers efficient pre-flight planning, dynamic in-flight crew, and weight management. In addition to routine pre-flight loading calculations, it is designed to accommodate a wide range of complex and mission-critical considerations.

AeroATLAS seamlessly manages:

- Weight changes due to stores or weapons expenditure to ensure lateral imbalances are always within limits and enable on-ground safety and in-flight manoeuvrability
- In-flight crew movements, guaranteeing that personnel are precisely where they should be during missions to mitigate hazardous centre of gravity shifts at higher operating loads
- Air-to-air re-fuelling planning, fuel pump failure analysis, and cargo or paratrooper drop considerations, streamlining these complex operations at the touch of a screen. Goodbye, cumbersome paper-forms!

The Differentiator

What sets AeroATLAS apart is its unwavering commitment to safety, compliance, and best practices. It adheres to a "universal design basis" that encapsulates regulatory requirements and best practices from multiple aviation bodies, including EASA, FAA, NAVAIR, and DASA. This comprehensive approach ensures that AeroATLAS is not just a solution for today's needs but is ready to adapt to evolving regulations and industry standards.

Moreover, AeroATLAS boasts a modular, configuration-driven software design. This means that it can be effortlessly tailored to meet the specific requirements of any aircraft platform and regulatory environment. It provides a truly "plug and play" solution that can be readily deployed to enhance W&B management for military aircraft, regardless of the complexity of operations or the regulatory landscape.

Don't **Weight** Any Longer!

AeroATLAS is a game-changing solution that sets a new standard in military W&B calculation. AeroATLAS is not just a software tool; it's a strategic asset for military aviation operations, streamlining processes, optimising aircraft performance, and ultimately ensuring the success, safety, and compliance of every mission. Contact us today to request a demonstration and to learn more about how AeroATLAS can be readily configured to satisfy the dynamic operations of your fleet.

AeroATLAS

Revolutionising Military Weight & Balance Calculation via Advanced Tactical Loading of Aircraft Systems

CorroVision

Advancing Excellence Through Innovation

Contact Us Today

Ready to explore the possibilities that CorroVision offers?
Contact us today to learn how CorroVision can transform your approach to corrosion prevention, mitigation, and management.

Our Commitment to Innovation

We are committed to pushing the boundaries of innovation to enhance the safety, reliability, and cost-effectiveness of critical platforms. We take immense pride in announcing a transformative addition to our capabilities: CorroVision - the cutting-edge solution for corrosion prediction and management.

CorroVision: Revolutionising Corrosion Management

We have partnered with an Adelaide-based advanced predictive and prescriptive analytics company to harness the power of machine learning. Together, we are pioneering the application of machine learning principles to prevent, mitigate, and manage corrosion across various platforms.

The Power of Collaboration

Our collaboration seamlessly merges our corrosion-related structural integrity expertise with our partner organisation's machine-learning prowess. This synergy forms the backbone of CorroVision, a software tool poised to redefine how corrosion is addressed in various industries.

Versatile Application

Initially designed with aircraft in mind, CorroVision's capabilities transcend boundaries. It can be effectively employed on any platform with access to critical platform and exogenous data. Whether it's naval vessels, bridges, infrastructure, or more, CorroVision adapts to your specific needs.

Predictive Precision

CorroVision's core strength lies in its predictive abilities. By analysing historical data, environmental factors, and other relevant information, the tool forecasts corrosion severity with remarkable precision. This foresight empowers you to make proactive decisions that impact your bottom line positively.

Efficiency Unleashed

With CorroVision, maintenance scheduling becomes a strategic advantage. By predicting corrosion severity, maintenance activities are optimised for maximum efficiency. Unscheduled downtime is significantly reduced, translating into increased platform availability and operational reliability.

Cost-Effective Solutions

Efficient maintenance scheduling not only improves availability but also lowers the total cost of ownership. By addressing corrosion issues before they escalate, CorroVision mitigates costly repairs and unplanned downtime. Your resources are maximised, and your budget is safeguarded.

Data-Driven Excellence

CorroVision epitomises data-driven decision-making. It empowers you with the insights needed to prioritise maintenance and allocate resources with precision. Safety and reliability are enhanced, and resources are utilised to their fullest potential.

Elevating Capability

By effectively managing corrosion and its ramifications, CorroVision elevates the overall capability of your platforms. In sectors where platform availability is mission-critical, such as defence or commercial aviation, CorroVision is a game-changer.

Join the Future with CorroVision

At Ascent, we invite you to embrace the future of corrosion management. CorroVision is not just a tool; it's a paradigm shift. It exemplifies our unwavering commitment to innovation and excellence.

Pilot perspective from an Indonesian Air Force F-16 Fighting Falcon aircraft.

©Ascent Pty Ltd. All rights reserved.

ABN 97 613 991 110

ascentps.com.au | +61 (0) 2 6100 1185 | info@ascentps.com.au
P.O. Box 13036, University of Adelaide, South Australia 5005

V2024.1