Avionics Directors
Nick Brumley
Shane Webb

Avionics are Changing the Airfield, Defence, Shipping Ports, Construction/Transport Systems for Industries throughout Australia and SE Asia.

The Avionics Group are specialists in the Supply, Installation, Commissioning & Maintenance of end to end lighting & related management safety systems.

We are Lighting The Way… making your facilities safer by reducing the risk to clients and operators on new and existing installations and by implementing planned maintenance programmes to suit your facilities needs.

AVIONICS
LIGHTING THE WAY

At Avionics, we are committed to add value to your operations by delivering the following:

- Reduce RISK.
- Improve Your Revenue.
- Increase Market Share.
- Simplify the Tendering Process.
- Australian Owned & Operated.
- WHS Certified to AS4801 and OFSC (Office of Federal Safety Commissioner)
- Compliant to AS9001 for Quality.
- Locally sourced and supported Spare Parts, Training & Service
- Overseas Partners.
- We service Australia, New Zealand and Asia

We set the highest benchmarks throughout Australia & South East Asia.

We take the most complex integrated airfield lighting system installations and make them simple.

Our reputation is built on guaranteeing to reduce risk to all stakeholders in Key Operations.
Avionics Maintenance Philosophy upholds 6 key commitments:

1. Work in a safe and reliable manner;
2. Work within the Airport AGL operational management framework;
3. Optimise the life of all the Airports AGL Assets;
4. Comply with all Statutory Requirements relating to the AGL Assets and Avionics provided Services;
5. Ongoing improvement in the quality and reliability of all Avionics provided Services;
6. Operate in an environmentally sustainable and responsible manner.

Avionics provides custom built Maintenance Solution to the aviation industry. Let us discuss your requirements to suit and meet your airport’s needs.

AIRFIELD LIGHTING MAINTENANCE DIVISION

REDUCING RISK ON YOUR MOST VALUABLE ASSET

Avionics currently complete all Preventative and Corrective Maintenance on Sydney Airport, Australia’s largest. We have now divisionalised Maintenance, with specific expertise in this area managing the process.

Avionics are now filling the gap for major airports whom are struggling to keep up with corrective maintenance requirements on the airfield. Our systems and quality assurance will ensure your airfield lighting remains compliant.

Daniel Atherton
Avionics Maintenance Division
Manager – Sydney Airport
Avionics can provide expert aeronautical ground lighting installation for Defence airfields where upgrades are required.

We can provide specialist maintenance and after market Supply to ensure Spares lists are maintained and up to date.

We provide the latest in technology, industry leading evo LED apron floodlights, compliant to MOS139 standards.

Avionics In Pavement Conduit Slotting Operation

AERONAUTICAL GROUND LIGHTING TURNKEY SOLUTIONS

Avionics core business is the design, supply, installation and commissioning of Airfield Lighting and related products.

Our experience is unrivalled in the region and includes outstanding results in the following areas:

- Off pavement pit & duct installations
- Underboring and open cut duct crossings in asphalt and concrete pavements
- Installation and modification of Airfield Lighting Control Systems
- On Pavement slotting and coring for light fitting installation
- Shallow Base and Multi-Section Base Taxiway & Runway light installation
- Deep slotting in asphalt for deep base conduit systems
- Installation of primary, secondary, control cabling and series isolating transformers
- Installation of ILS and navigational aid systems, including earth mats
- High Intensity Approach Lighting Systems (HIALs)
- Illuminated Wind Indicator installation
- Apron Floodlighting Installation
- ALER Airport Lighting Equipment Room Construction & Upgrades
- PAPI Precision Approach Path Indicator System Install & Commissioning
- Movement Area Guidance System Installation
- Visual Docking Guidance System Installation

DEFENCE

Avionics can provide expert aeronautical ground lighting installation for Defence airfields where upgrades are required.

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Avionics have extensive experience since 2008 upgrading the following Defence Airforce Bases:

- RAAF Base Williamtown
- Army Aviation Centre Oakey
- RAAF Base Amberley
- RAAF Base Scherger
- RAAF Bases Pearce & Gin Gin
- RAAF Base Darwin
- RAAF Woomera Aerodrome (SA)
- HMAS Albatross (NSW)
- RAAF Base Curtin (WA)

Our Defence Experience is unrivalled in the region and includes outstanding results Keeping Australia’s Air Force Ready
Passenger Boarding Bridges

Avionics can provide world leading passenger boarding bridges for our growing shipping sector, partnering the world leaders in PBB design and installation.

Michael Chalker
Director of Operations

Environmental Solutions

PFAS Treatment with EVOCRA

Avionics have teamed with EVOCRA—a water treatment specialists with internationally patented process for dealing with the PFAS, found in fire-fighting foam, polluting our waterways on airports worldwide. Evocra has invented a process which eliminates PFAS 100%. Evocra treats the short chain PFAS precursor compounds only, otherwise the problem comes back. Nobody else has this technology on the planet.
SUPPLY

We supply a range of Quality Aeronautical Ground Lighting Components from reputable high end companies such as ATG Airports, ewo, Honeywell Airports, Jembo Cables, OCEM, Jaquith, Pollite, Hella (TKH Group), Integro, Eaton Crouse Hinds & Saint Germaine Weber to name a few.

The above sequence of photographs shows the bonding strength of Weber Tec Grout. A standard 8” diameter shallow base has been installed in asphalt pavement using Weber Tec Grout. Using a jack, a pole is attached to the lid of the base and after 5.9 Tonnes of force is applied to the jack, the surrounding pavement cracks and fails before the base is pulled away from the Weber Tec product. Contact Avionics for more information on this product.
Avionics Airfield Lighting, are specialists in the installation, commissioning & maintenance of aeronautical ground lighting (AGL) & related systems.

Setting benchmarks for installation and safety, integrating simple to the most complex AGL systems. Avionics reduce airport operators RISK.