



**RADIOLA**  
AEROSPACE  
Technology to guide your future



[www.radaero.com](http://www.radaero.com)  
[sales@radaero.com](mailto:sales@radaero.com)

**Radiola Aerospace Limited**  
Level 7, 14 Hartham Place  
PO Box 50243  
Porirua City 5240  
New Zealand  
P: +64 4 237 9230  
F: +64 4 237 9231

**Radiola Aerospace PTY Limited**  
116 Crawford Street, Office No: 7  
Queanbeyan  
NSW 2620  
Australia  
P: +61 2 6284 2736  
F: +61 2 6299 6213



## Radiola Aerospace technology to guide your future

**Radiola Aerospace is a world-leading aviation integrator specialising in the delivery and support of solutions that use state-of-the-art navigation and communications technologies.**

Whether the requirement is for ground-based systems, or specialist applications designed to extract maximum operational benefit from space-based technologies, we have the knowledge, experience and flexibility to deliver exactly what each customer requires.

Our reputation in this safety-critical environment rests on proven project delivery in more than 40 locations worldwide.

With multiple aviation certifications and approvals, backed up by AS/NZS ISO 9001:2000 certification, Radiola Aerospace is a safe, reliable and trustworthy industry partner.

### **NAVIGATION AND COMMUNICATIONS SYSTEMS**

Radiola Aerospace has long standing experience in the delivery, maintenance and support of ground-air communications systems, and traditional ground-based navigation systems such as ILS, VOR, DME, and NDB, enabling us to accurately assess the specific requirements of each customer and to deliver quality systems in a timely and cost-effective manner.

We also deliver tailored GPS-based solutions that enable the precise tracking, monitoring, control and management of airborne and ground-based assets, ensuring maximum efficiency and operational effectiveness.

### **FLIGHT INSPECTION AND FLIGHT VALIDATION SERVICES**

Flight inspection and flight validation represent the final critical steps in the delivery of ground and space-based navigation solutions in the safety-critical aviation environment.

Radiola Aerospace flight inspection uses specialist test equipment to ensure that the "signal in space" performance of ground based navigation aids meets the exacting requirements of ICAO Annex 10 and DOC 8071. Our flight validation service ensures that each instrument approach procedure meets the required operational and safety criteria of the particular regulatory environment.

### **INSTRUMENT FLIGHT PROCEDURE DESIGN**

The quality and efficiency of instrument flight procedures are critical to the safety of air travel, and to the reduction of airline operating costs and emissions.

Capitalising on the emergence and proliferation of GPS-based instrument flight procedures and Required Navigation Performance (RNP) solutions, Radiola Aerospace is able to deliver a wide range of instrument flight procedure design solutions tailored to specific airline, airport and airspace requirements.



## Technology Solutions for Aerospace

### **AVIATION CONSULTANCY**

Radiola Aerospace provides expert, specialist advice on a wide range of aviation subjects, including:

- ▶ Airport ground infrastructure
- ▶ Airspace management
- ▶ Air traffic management
- ▶ Flight inspection and flight validation
- ▶ Safety management systems
- ▶ Regulatory compliance
- ▶ Aircraft special mission applications, including flight inspection aircraft and systems.

### **MILITARY SOLUTIONS**

Radiola Aerospace has a long history of supporting military operations at home and in deployed situations either directly, or in support of prime contractors.

We have delivered customised systems in places that range from Australia and New Zealand, to Timor L'este, Iraq and Afghanistan, and to organisations that include the RAAF, RNZAF, USAF, USACE and USMC.

Our specialty is the delivery of systems and services that enable aircraft to land in safety, day or night, in all weather, at home or deployed, and systems that accurately track vehicles, equipment and personnel in high and low - threat environments.

### **SUPPORT SERVICES**

Products and services are delivered by highly qualified and experienced technical staff who are available to meet specific customer support requirements at any time, anywhere in the world. Services include 24/7 operation and support of ground-based navigation installations, on-line and telephone support for remote fault isolation and rectification, spares management and "turn-key" control centre operations.

### **CERTIFICATIONS AND APPROVALS**

Our international status and professional reputation are amply demonstrated by certifications and approvals from ICAO, the New Zealand Civil Aviation Authority (NZCAR Part 171), the Australian Civil Aviation Safety Authority (MOS Part 173), and the British Overseas Territories (OTAR Part 173), together with a wide acceptance of these approvals by other regulatory authorities.

