

REALtime

The official newsletter of Radiola Aerospace Limited ISSUE 10 AUGUST 2011



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Welcome to REALtime



In this edition, we announce the Company's certification by the United Kingdom Civil Aviation Authority as an approved flight inspection organisation, one of the most significant achievements in our history.

CAP670 certification opens up the opportunity for Radiola Aerospace to market its flight inspection services throughout Europe. Development of a comprehensive safety management system is also featured, along with an update on the delivery of aeronautical navigation systems to customers in the Pacific region.

The continued success of the Company is based on the dedication and professionalism of our staff, excellent customer relationships, and partnerships with key manufacturers and service providers.

In this regard, the teaming agreements we have for aircraft and pilot services with Corporate Air in Canberra, and Diamond Executive Aviation in Northern Yorkshire are cornerstones in our provision of flight validation and flight inspection services.

Brent Albiston
Managing Director

Increase in capacity to meet demand....



We have placed an order with Airfield Technology of Kansas for a second AT940 flight inspection system, to be delivered in September, making a total of four flight inspection systems operated by the Company.



One AT940 system will be permanently based in the UK, with the second system available as a backup and for major projects in North Africa, Africa and the Middle East.

Safety Management System (SMS)



In anticipation of a mandatory requirement for formal safety management systems by civil aviation authorities under whose jurisdictions we operate, Radiola Aerospace has developed a comprehensive SMS as an integral part of the Company's quality systems documentation. Draft procedures have been circulated to these authorities for review.

CAP 670 UK CAA

In early September the UK Civil aviation Authority, Safety Regulations Group, issued Radiola Aerospace approval to conduct flight inspection under the regulatory requirements of UK CAA CAP 670, arguably the most stringent flight inspection approval in the world.

Achieving this approval required an extremely detailed demonstration of capability with regard to:

- Company quality systems
- Technical capability of flight inspection equipment,
- Measurement uncertainty of the complete flight inspection solution
- Training, qualification and currency of engineers, flight inspectors and pilots
- Flight inspection procedures and tolerances
- Reporting of flight inspection results



Radiola Aerospace is delighted to now offer flight inspection services in the European region to this standard.



Projects

The Radiola engineering team has been extremely busy conducting several international projects whilst still providing maintenance services to existing customers such as the RNZAF for navigation aid maintenance and Environment Waikato for the Real Time Passenger Information system.

- **Port Moresby International Airport.**

Papua New Guinea, now has two new instrument landing systems installed, tested and commissioned by Radiola Aerospace during the first quarter of 2011. The project ran to schedule despite various environmental challenges.

- **Cooks Islands DVOR/DME completed.**

Radiola Aerospace has delivered a new DVOR/DME at Rarotonga International Airport in the Cook Islands. The project, which included electronic equipment from Selex Systems Integration and a 30 metre counterpoise constructed to Radiola specifications by Chapman Engineering in Christchurch, was completed in June after the successful commissioning flight inspection.

- **Paraparamu lighting.**

In mid July Radiola Aerospace started the airfield lighting upgrade at Paraparamu airfield for Kapiti Coast Airport Limited, New Zealand. The project involves new PAPI, REILS, Cabling, CCR, and other runway lighting along with control systems and integration with legacy equipment. The project is due for completion before the end of August.



FLIGHT INSPECTION AND FLIGHT VALIDATION



Our flight inspection and flight validation teams were also very busy during the first half of 2011. Missions have been completed at more than 100 airfields worldwide including Morocco, Sudan, Iraq and the Caribbean as well as regular commitments with customers in Australia, Fiji and New Zealand. A significant number of radar commissionings were included in the programme.

Flight inspection operations from our UK operating base in Yorkshire using the Diamond 42 aircraft have grown substantially this year, with more than 350 flying hours completed to date. The aircraft, fitted with the AT 940 automatic flight inspection system is proving to be a very versatile solution for customer flight inspection requirements.

February 2011 marked the beginning of the new flight validation contract for the Civil Aviation Safety Authority in Australia. Flight validation of instrument approach procedures in Australia is conducted on a three year cycle. The first mission for the year represented the start of the second cycle around the country using the Cessna Conquest operated by Corporate Air in Canberra. This aircraft continues to provide a versatile high performance solution to validation requirements in Australia.



“DVOR/DME installation, Rarotonga International Airport, Cook Islands...commissioned June 2011”.



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