

## Hornet Aircrew Training System (HACTS)



Raytheon Australia achieved the first simulation project for the Australian Defence Force delivered not only on time, but ahead of schedule.

### Delivering true collective training value

Raytheon Australia has been contracted to provide three high fidelity F/A-18 Hornet Tactical Operational Flight Trainers (TOFTs) and 3 Tactical Readiness Trainers (TRTs). The TOFTs are currently in use by the RAAF with the TRTs to commence training mid 2009. When completed, the devices will be fully integrated and provide a distributed training (networked) system inclusive of a Brief / Debrief capability, to provide the ADF with true collective training value.

The HACTS program has seen Raytheon Australia complete production, test, shipment, and integration of the new F/A-18 flight simulators, and is now operating and supporting them for the ADF in RAAF Williamtown and RAAF Tindal.

All Hornet high fidelity Tactical Operational Flight Trainers (and the TRTs) have maintained configuration with the latest HUG 2.2 Mission System configuration, including the capability for Helmet Mounted

Cueing of weapons. Raytheon Australia's demonstrated HACTS capability includes:

- Procurement, delivery and support of three simulator systems reflecting the HUG 2.2 configuration including, removal of obsolete simulators from Williamtown and Tindal facilities and integration of the new simulator systems into the existing facilities;
- Procurement of three TRT systems at the HUG 2.2 configuration with provision for a distributed training capability to network with the F/A-18 simulators;
- Maintaining high availability of the training capability through provision of recurrent fidelity testing, maintenance, logistics and operations support;
- Provision and maintenance of an Australian visual database containing Williamtown and Tindal regions;
- Development and provision of instructional training capability; and

- Provision of engineering services enabling rapid response to urgent requirements and resolution of engineering issues.

### HACTS In Service Support

Raytheon Australia currently maintain the HACTS program under a performance based contract ensuring ongoing mission assurance to our ADF customers.

Capabilities are:

- Maintenance/Availability Planning;
- Maintenance (Authorised Maintenance Organisation);
- Engineering support (Authorised Engineering Organisation);
- Reliability and maintainability analysis;
- Recurrent fidelity testing;
- Training (including development and conduct of a maintenance-training course);
- Documentation, and logistics data management;

- Reachback to the TOFT OEM L-3 Company's Link Simulation and Training Division for spares and system upgrades to keep pace with the ongoing development of the RAAF F/A-18A/B fleet; and
- Supply chain activities, ie; spares and repairable item management.

Raytheon Australia's commitment to the HACTS program continues in the procurement and delivery later this year of three Tactical Readiness Trainers – adding an important dimension to achieving our customer's mission in a fully integrated, distributed training environment.

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**Raytheon Australia**

*Customer Success Is Our Mission*