

# AIR COMBAT OFFICER TRAINING SYSTEM

The modern Air Combat Officer (ACO) requires advanced sensor and tactical picture compilation skills for mission management.

The Cirrus ACO Training System (ACOTS) has been developed for the RAAF to provide cost effective ACO mission management training.



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## benefits

- high fidelity simulation of multi-mode imaging and tracking radar
- simulation of actual terrain returns, synthetic contacts and weather
- flexible tactical picture compilation via moving map
- simulation of optic sensors, text chat and link (NCW) contact
- weapons and battle damage assessment
- simulation of mission file manipulation
- powerful instructor software maximises knowledge transfer
- compatible with PFPS/JMPS designed missions and overlays
- cost effective COTS based design in use with RAAF and RAN



## overview



The ACO Training System has been developed in close cooperation with the RAAF to provide cost effective simulation training in ACO mission management skills.

The heart of the ACOTS is a high fidelity radar simulator which emulates the operation of modern multi-mode radars, and simulates the ground returns of actual terrain from aircraft position and orientation in the presence of environmental effects.

Instructors may inject synthetic contacts to challenge the ACO's ability to develop their tactical picture within the context of their mission.

The operation of imaging sensors is also emulated, enabling training in target confirmation procedures.

Synthetic contacts may be configured to represent a variety of emitters, which are detected by a simulated on-board RWR sensor.

The instructor is provided powerful functionality to script lesson scenarios, emulate link traffic and to monitor ACO student behaviours.

The ACOTS is the answer to the challenge of mission training for the modern Air Combat Officer.