



THE ROYAL AERONAUTICAL SOCIETY

THE SIMULATION OF AIRBORNE RADAR SYSTEMS

A HALF-DAY SYMPOSIUM SPONSORED BY THE FLIGHT SIMULATION GROUP

at 4 HAMILTON PLACE, LONDON W1V 0BQ

WEDNESDAY 25TH NOVEMBER 1987
COMMENCING AT 2.00PM

The simulation of sensor systems is becoming increasingly important in military aviation, and, as a sensor, radar continues to be pre-eminent. This is particularly relevant to the problem of providing a high fidelity training environment for radar operators within a mission simulator. However, the civil aviation community also continues to require radar as part of the suite of flight deck avionics needed for his crew in modern aircraft.

The Flight Simulation Group of The Royal Aeronautical Society is therefore sponsoring a half-day symposium at which these important aspects of simulation technology will be addressed. The simulation task is complex and demanding, and not least amongst the important question the designer must answer is whether the approach should be one of emulation or simulation.

Papers will be presented on the technical problems which must be addressed in the provision of military mission simulators which have the capability to provide a representation of the radar environment needed for training the radar operators of Airborne Early Warning and Maritime Surveillance aircraft. Speakers will discuss the E-3A AWACS mission simulator and the provision of Searchwater Radar in Sea King and Nimrod simulators. In respect of civil aircraft, the provision of a Weather and Mapping Radar for training purposes is an essential part of the flight deck requirement for many operators. Here, a speaker will discuss the usage and correlation of a system with other environmental models, and will review potential future developments.

The Symposium will be free to members of the Society and their invited guests. If you are interested, please fill in the slip below and return it to the Conference Office at the RAeS.

THE SIMULATION OF AIRBORNE RADAR SYSTEMS

Wednesday 25th November 1987 at 2pm

I wish to attend the Half-day Symposium

NAME GUEST NAME

ADDRESS ADDRESS

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Grade of Membership

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