

NEW MOBILE RADAR



The first demonstration at Bushy Hill

OUR NEW mobile radar, the S600, which is capable of being towed across country, lifted by helicopter or air transported, was demonstrated for the first time at Bushy Hill, one of the Company's experimental radar sites in Essex. Five customers have already ordered this equipment, which will go mostly overseas, and we are confident that it will win more contracts in the near future.

It is attracting attention because of its flexibility, performance and cost. It was built after two years of intensive market research, design and develop-



RIGHT: Senior Radar Engineers 'on sight'. Left to right I. L. Whitlock, Assistant Manager, Systems 'B', Radar Division; R. P. Shipway, Manager, Antennomics; L. H. Dawson, Consultant, Radar Division; L. W. Whitaker, Engineering Manager, 'B' Radar Division

ment from which evolved the modular concept, and advanced electronics have reduced its size and give outstanding reliability.

The Bushy demonstrations were of a military transportable system which will detect aircraft and give their height and position. For this purpose two radar heads were used, a height-finder head and a surveillance head with associated transmitters in rectangular containers.

Running gear can be fixed to all units of this equipment, which are light and compact and can be lifted by helicopter or transported by aircraft. Models showing how the wheel attachments had been designed were featured in the May issue of the Magazine.

A complete range of transmitters and heads are available for civil air traffic control, and this new Marconi contract winner will be exhibited to the public at the Farnborough Air Show.

LEFT: Radar Division's new mobile S600 being demonstrated for the first time at Bushy. This is the height-finder aerial and behind it is the mobile transmitter container

TOP RIGHT: Many Company people came by coach and car to the demonstrations

RIGHT: Finer points of design interest Company engineers. Pointing, right centre, is C. Latham, Assistant Manager (Engineering), Radar Division

BELOW: Here is the S600 search head. Both aeriels were built at Gateshead with all speed, and here also is the Gateshead party which came south for the demonstrations

