

# The Marconi Company Limited

## press information

### BRITISH RADAR SUCCESS IN RUSSIA

#### Anglo-French Secondary Radar at Moscow A.T.C. Centre

British radar equipment is now in operation for the first time at the principal Soviet air traffic control centre for the Moscow area, situated at Vnukovo Airport, near the Russian capital.

Mr. Bill McKenzie, leader of the Marconi team, speaking by telephone from Moscow after the initial demonstration, said, "The whole exercise has been a complete success. We have been able to demonstrate all the performance characteristics of the SECAR, secondary radar equipment to our complete satisfaction, and also, I think, to the satisfaction of the very high level Soviet delegation, many of whom were experts in secondary radar. We are now starting an evaluation programme which is expected to last about two months. Apart from an Antonov 12 aircraft fitted with a Russian built transponder, which has been providing responses for today's evaluation, we have made arrangements to pick up casual traffic from the Moscow International Airport, through the co-operation of the Soviet Air Traffic Control authorities, who are doing everything that they can to help us."

The Marconi/Thomson secondary radar equipment, SECAR, is one of the most advanced and effective civil air traffic control aids in the world. It provides both height and identity information to supplement the radar display, enabling air traffic controllers to evaluate the complete air situation at once, and without the need to question the pilot on the radio telephone.

The equipment was transported to Moscow from Chelmsford some two months ago, and has been set up there by Marconi engineers. The complete system was first demonstrated to a high-level delegation of Soviet visitors at the beginning of this week. Altitude and identity decoding, in both the active and passive modes, were demonstrated, together with emergency radio failure decoding and special position identification decoding. The very advanced sidelobe suppression, which is a feature of the SECAR equipment was fully displayed, and the radar was used at extreme range to establish the validity of the predicted cover.

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With the compliments of The Marconi Company Limited, Chelmsford, Essex.

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