

### Delivery lists and applications of the Elliott 502 computer.

The Elliott 502, so named because it was at first conceived in about 1960 as a successor to the Elliott 402, was a high-speed, 'limited-edition' transistorised computer designed for a classified real-time on-line data-processing application. It is believed that the first Elliott 502, delivered in 1963 or 1964, was the core of the SIMULATOR X project at the Royal Radar Establishment (RRE) located at Malvern – (see reference 1 in section E4/X5). At RRE the computer was used for RAF fighter interception techniques (track analysis) in connection with the air-defence of the UK. A second Elliott 502 was delivered to the Air Traffic Control Evaluation Unit at Hurn Airport, near Bournemouth, in 1966, possibly for the EUCLID project. A third 502 is believed to have been delivered to the RAF some time after March 1967, for the SIMULATOR M project which followed on directly from the SIMULATOR X work. It is believed that the various projects which involved 502 computers were part of the *Linesman* and *Mediator* proposals for military and civil control of the UK's air space during the Cold War (reference 1).

### Elliott 502.

<b>Date</b>	<b>Customer</b>	<b>Application and notes.</b> (* an asterisk indicates 'on line').
1963/4	Royal Radar Establishment	* Radar simulation (on line).
1966	A.T.C. Evaluation Unit	* Air Traffic Control Procedural simulation (on line).
1967?	Ministry of Aviation	* Simulation (on line).