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Memorandum 6M-3076

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Division 6 - Lincoln Laboratory
Massachusetts Institute of Technology
Lexington 73, Massachusetts

SUBJECT: SECRET SUPPLEMENT TO BIWEEKLY REPORT FOR SEPTEMBER 24, 1954

To: Jay W. Forrester

From: Division 6 Staff

Approved: John B. Bennett 
John B. Bennett

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By: RLC
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(H.D. Neumann) (SECRET)

The simulation required for the investigation of the ability of the SAGE System to guide the F-99 interceptor has been completed and the results sorted with the help of IBM equipment. The results of 14,200 separate interceptions have been presented in graphical form to evaluate the effects of quantization size, sampling rate, target altitude, target maneuver, target-height errors, as well as some modifications of the missile itself, including the effects of seeker control in the dive, and the size of the seeker search raster. A complete description of the results will be published shortly in 6M-3060.

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