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Memorandum M-2577

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By: RLP  
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Division 6 - Lincoln Laboratory  
Massachusetts Institute of Technology  
Cambridge, Massachusetts

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SUBJECT: SECRET SUPPLEMENT TO BREECHING REPORT FOR DECEMBER 18, 1953

To: Jay W. Forrester

From: Division 6 Staff

(J. A. Arnow) (SECRET)

On 8 December three representatives of the Lockheed Aircraft Company visited the Laboratory to discuss the use of the L-253 weapon system with the Transition System. The present AF contract that Lockheed has to study low-altitude defense has been extended and includes going further into the L-253 system. Some study will be made here to determine further the data that must be secured from Lockheed in order to best utilize the missile. A future meeting was tentatively decided upon for late in January or early in February at Lockheed.

On 9 and 10 December a meeting was held at WRRRC in which the results of the latest simulation work of the F-99 were discussed.

(H. D. Neumann) (SECRET)

Test routines for all parts of the program which simulates target interception by F-99 have been written. Three parts were checked out, and the rest is being tested and modified.

(B. Smulowicz, W. I. Wells) (SECRET)

A theoretical investigation has been started of the possibilities of improving the over-all accuracy of the Lincoln Transition System by using the radial-velocity information available at MTI radar sites.

The summary of preliminary calculations for the guidance of the Bomarc missile has been published in Memorandum M-2443, "Preliminary Studies of the F-99 Interceptor Performance."

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