

6673
Memorandum M-2048

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Air Traffic Control Project
Servomechanisms Laboratory
Massachusetts Institute of Technology
Cambridge, Massachusetts

SUBJECT: BI-WEEKLY REPORT, MAY 12, 1950

1.0 GENERAL

(W. G. Welchman)

Work in connection with Course 6.536 has been fairly heavy during the second week owing to the correction of homework and the preparation of two Quiz papers. A class of 17 and five listeners seem to be finding the course interesting, and several of these are doing very well. The emphasis has been on manipulation, with problems involving sets of numbers as examples.

The order of presentation of some of the material in Summary Report 5 has been modified.

(W. K. Linvill)

Completed work on progress control along a path. Engineering note on the work is complete.

(A. Ordan)

The thesis on error correction under azimuth progress control was completed.

(D. R. Israel)

Work continued on the programming of a system for altitude approach. Efforts were made towards the determination of several of the parameters, and calculations were made of the effects of wind upon the schedule. Flow diagrams both for the complete approach scheme and for the scheduling part of the program have been constructed.

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