

Memorandum M-2940

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To: Groups 61, 62, 63 and Production Section of Group 64
From: S. H. Dodd, R. R. Everett, N. H. Taylor
Date: 28 July 1954
SUBJECT: CHANGES IN PROTOTYPE OR PRODUCTION MACHINES

Abstract: The XD-1 and XD-2 Systems have reached a point where changes cannot be made unless mandatory to insure operation. The production design is approaching a similar stage and any suggestions for changes should be made soon.

1. In the FSQ-7 prototypes (XD-1 and XD-2), performance specifications, engineering design and construction have progressed to the point where no more changes can be considered unless the machine as designed fails to operate. Desirable changes may be incorporated after installation in Lexington if they can be shown to be worthwhile.

2. The time schedule for design work and construction of the production FSQ-7 duplex machines is very short and engineering manpower is limited. Any suggestions for changes in the production system should be transmitted to the production planning groups for early consideration. Whenever possible, the production machines will be copied without change from the prototypes. Some changes are necessary from the simplex to duplex arrangement. A few will be evident from early XD-1 experience, but other new proposals must be received during the next few weeks.


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