

June 22, 1959

MEMORANDUM TO: Mr. P. O. Underwood

SUBJECT: 1401 Reset Circuitry

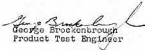
Experience to date in testing the engineering model of the 1401 indicates the definite need for a computer reset button. It is the opinion of the undersigned that such a feature would more than pay for itself in decreased testing time. At present considerable time is spent in setting up the machine following a power on cycle or machine failure.

A comprehensive reset circuit would reset all latches and triggers not already reset by a raw clock pulse, except as follows:

Delta I	A Register C Bit
Set to 1	Read Scan Complete
Clock Triggers	Punch Scan Complete
B Register C Bit	Print Scan Complete

I MAR& Address Register set to switch values

Physically, the button could replace the Delta I button presently located on the C.E. Panel. It could also eliminate the Start Reset button on the Reader-Punch. The Customer Engineer and possibly the customer would find such a circuit invaluable.


George Brockenbrough
Product Test Engineer

GB/mh

CC: Mr. P. Farbanish ←
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