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MAGNETIC CORE MEMORY

POUGHKEEPSIE, N. Y., April 19 An IBM engineer checks one of the six magnetic core storage units (seen here) of STRETCH -- the most powerful computer in the world. Within these units -- the system's basic "memory" -- can be stored 98,304 words of information, equivalent to more than 1,500,000 decimal digits. Data is retrievable electronically from any unit in little more than two-millionths of a second. Because operation of the core storage units is overlapped, the effective flow of data within STRETCH is increased greatly. The STRETCH system was built for the Los Alamos Scientific Laboratory, New Mexico.

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