NATIONAL/ELLIOTT 405 COMPUTER IN LEAPS.

FUNCTIONAL BLOCK DIAGRAM.

MAGNETIC FILM MECHANISMS.

MAGNETIC DISC. CAPACITY 16,384 WORDS IN 256 'SECTORS'

FILM CONTROL UNIT.

FILM CONTROL UNIT.

WORKING STORE

CAPACITY 512 WORDS ACCOMMODATED IN 32 'LINES' OF 16 WORDS EACH.

INPUT COMPILER

ACCUMULATOR

ARITHMETIC UNIT

OUTPUT COMPILER

CARD READER

1.   2.

TAPE READERS

TAPE PUNCH

PAGE PRINTER

MONITOR
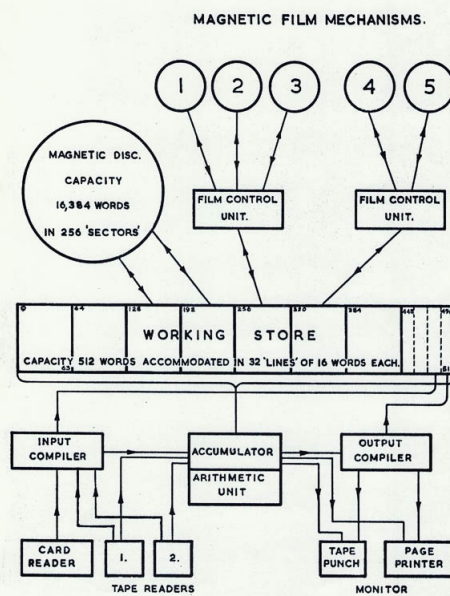
I COMPUTER WORD = 32 BINARY DIGITS (BITS) = A 9 DECIMAL DIGIT NUMBER OR 5 ALPHABETICAL CHARACTERS.

16 COMPUTER WORDS = I 'LINE' OF STORAGE.

64 COMPUTER WORDS = 4 LINES = I SECTOR ON THE DISC OR I BLOCK ON THE FILM.

LEAPS/PUB2.