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315

ELECTRONIC DATA PROCESSING SYSTEM



OPERATOR'S HANDBOOK

THE NATIONAL CASH REGISTER COMPANY

*TRADEMARK

315

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THE NATIONAL CASH REGISTER COMPANY
DAYTON 9, OHIO, U.S.A.

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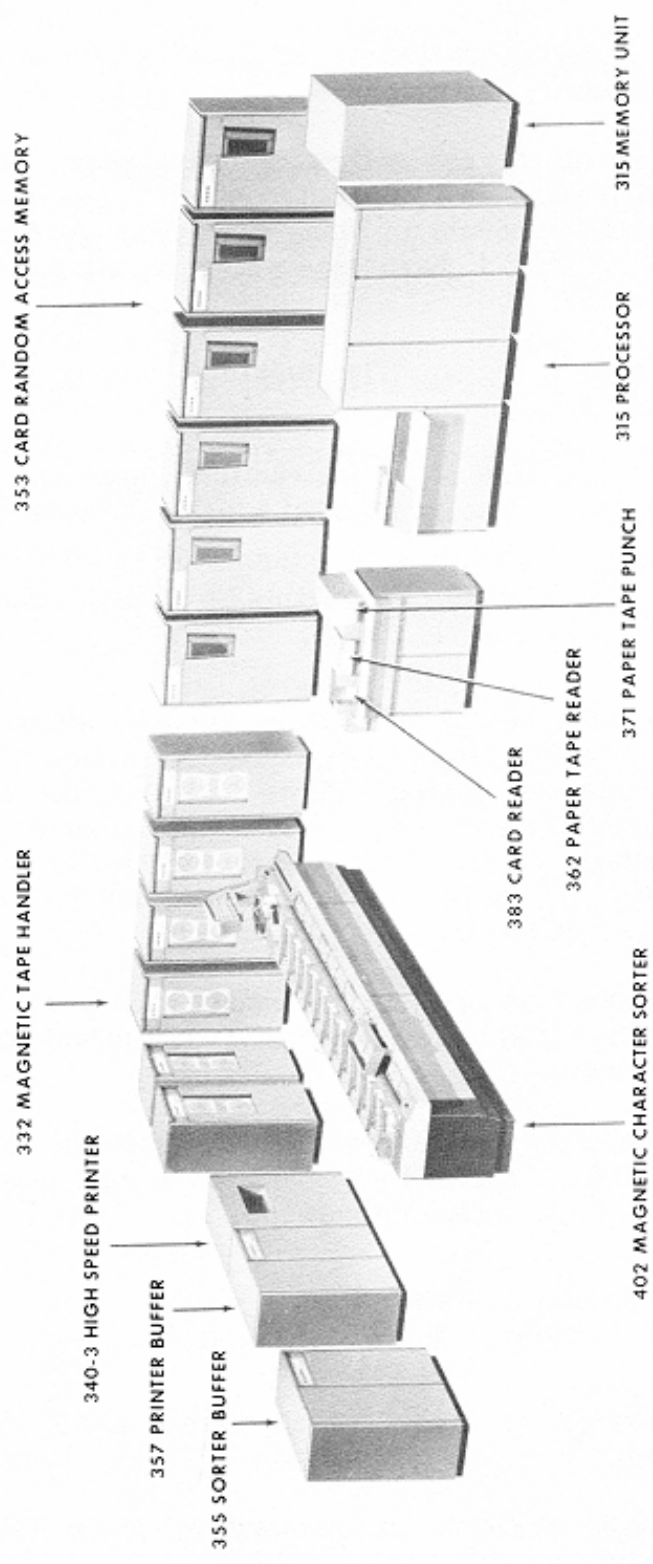


Figure 1. Complete System

I. DEFINITIONS

- ADDRESS** - A numeric expression or label which designates a location in memory.
- ALPHA** - Each of the characters resulting when the 12 bits of a slab are treated as two 6-bit configurations in which a 6-bit configuration equals an Alpha character. An Alpha may represent any of the 64 characters which the computer can read, write, or store.
- BIT** - A binary digit. The smallest unit of information within a character.
- BLOCK TIME** - A micro step of an instruction, equal to 6 micro-seconds in duration. The number of blocks in each instruction varies.
- NOTE: DO NOT confuse this block with a block of information on magnetic tape.
- CHARACTER** - One of a set of elementary symbols which may be arranged in ordered groups to express information; these symbols may include the decimal digits 0 thru 9, the non-decimal digits (@ , ∅ & . and -), the letters A thru Z, and the remaining symbols of the Code Chart, which the computer can read, write, or store. A character may be an Alpha (6 bits) or a Digit (4 bits).
- DATA** - A collection of facts, information, etc., represented by Alpha or Digit characters, which is processed or produced by the computer.
- DIGIT** - Each of the characters resulting when the 12 bits of a slab are treated as three 4-bit groups. A digit may represent any of the following characters:
- Decimal digits are 0 thru 9
Non-decimal digits are @ , ∅ & . -
- INSTRUCTION** - A set of characters which defines a step in a computer program.
- LOCATION** - A unit position in memory in which information may be stored; identified by an address.

- MEMORY - Synonymous with storage, but carries the implication of "internal", i.e., memory from which instructions may be executed.
- REST STATE - (sometimes called REST BLOCK) That time when the Processor is ON, but not processing. The Processor is ready to receive manual input. The REST STATE can be verified by viewing the REST indicator on the Console indicator panel.
- SLAB - The contents of a single memory location, consisting of 12 bits (2 Alpha characters or 3 Digit characters).
- SYMBOL - Any of the characters of the Code Chart that are not numeric or alphabetic.
- WORD - A set of characters, having some particular significance, which is treated as a whole. A word is made up of 1 to 8 slabs.

