TX-0 COMPUTER
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
CAMBIRDGE 39, MASSACHUSETTS

M-5001-37

Obsolete

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NEW INPUT ROUTINE

Effective immediately, the standard input routine for binary tapes will be that shown on the next page. As before, the block format is:

```
 sto fa        |first address
-sto-la        |last address
 wd 1          |data words
  .
  .
 wd n
 cks           |- sum of all other words in
               |block.
```

Also as before, there are two types of start blocks to denote the end of the tape. Immediate start blocks consist of trn starting address, and transfer at once to the address specified. Delayed start blocks consist of add starting address, and will stop on a halt in the input routine, transferring to the starting address when restart is pressed.

The new input routine contains one halt instruction which is reached for both delayed start blocks and checksum errors. Delayed start blocks will display add starting address in the LR, while checksum errors will display sto last address in the LR. Pushing Restart will transfer to the starting address if stopped on a start block, and will restart the input routine in case of a checksum stop. In the latter case care should be taken that the tape is positioned in the reader at the beginning of a block.

new input routine

readin

17756

```
b,      r3c
        sto a
        trn a
        cyl+lro+xro-opr-opr
        trn d
        r3c+lad-opr
        alr+xro-opr
c,      r3c
a,      xx
        lad
        alr
        ado a
        tix c
        r3c+iad-opr
        tze b
        ldx .-1
d,      hlt
        trx 0

xx=hlt

start add b
```

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