

RECOMP II USERS' PROGRAM NO. 1134

PROGRAM TITLE: ALPHANUMERIC MEMORY DUMP WITH  
DISPLAY (RELOCATABLE)

PROGRAM CLASSIFICATION: Utility Routine

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PURPOSE: To punch on tape in alphanumeric  
format any preselected portions of  
memory; to provide, at users option,  
display of location being punched,  
typeout of first and last location  
dumped, and/or a tape leader.

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1. PURPOSE

To punch on tape any preselected portions of memory; to provide display, typeout, and tape leader at users option; to provide all these features in a relocatable short program, so that any unused portions of memory may be utilized.

2. RESTRICTIONS

Restrictions on AN-004 relocation routine apply.

3. METHOD

The PNC instruction is used. In case of punch error, the word is repunched.

4. USEAGE

4.1 Into word 0000 (relative), put

+00 LOC 1.0 +00 LOC 2.0

where LOC 1 and LOC 2 are the first and last words to be punched, respectively. The location counter will then read 0001 (relative). Press start to initiate punchout, after setting sense switches as desired.

4.2 Sense switch settings:

B on -- display word being punched (may be selected at will during punchout)

C on -- punch leader before memory dump

D on -- typeout LOC 1 and LOC 2

4.3 The program occupies 0000-0045 (relocatable)

4.4 The program uses both L and V loops and does not restore them

4.5 The program tape contains AN-004 and is relocatable

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- 4.6 The program is capable of dumping itself
- 4.7 The tape punched contains a termination word which prevents memory destruction by reading of the end of the tape, without requiring the tape to halt.

NOTE: To copy, dump:

0000-0045  
3777-4045  
7724-7757

Then put L 77240 (CR) at end of tape