

RECOMP II USERS' PROGRAM NO. 1002

PROGRAM TITLE: AFIT 017 CODE SHEET TYPE-OUT

PROGRAM CLASSIFICATION: Service Routine

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PURPOSE: This is a utility routine intended to type out the contents of a consecutive block of main memory locations starting at initial address IA and ending at final address FA, in the form commonly used for RECOMP coding sheets.

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Purpose: This is a utility routine intended to type out the contents of a consecutive block of main memory locations starting at initial address IA and ending at final address FA, in the form commonly used for RECOMP coding sheets.

USE: (1) At location 1001 enter

PZE (IA).0 PZE (FA) .0
LC then reads 1002.0.

(2) Position TAB STOPS on typewriter suitably.

TAB DEFEAT SWITCH on typewriter must be BACKWARD

(3) Hit START

Form of type-out

+ CLA	2346	+ 00	2345	0
- STO		- 60	3456	0
+ MPY	7	+ 11	4567	0
+ ADD		+ 01	1234	0
+ TYC	2350	+ 72	0037	0
+ TYC		+ 72	0010	0

Addresses are typed in the center column; four octal digits are typed for the first location and for each subsequent location having a fourth digit of zero; for others, only the fourth digit is typed. On the right, the word is typed in command form, one half-word per line. On the left, the sign and letter symbol for the operation code is typed.

LOCATIONS OCCUPIED: 1001 - 1157; 1200 - 1377.

CODE SHEET TYPE-OUT contd.

RESTRICTIONS: Care must be used in connection with the negative commands used with the trapping mode entry routine. It might well be that a single operation code such as -21, would correspond with one letter symbol in a complex arithmetic package, and another symbol, perhaps in a package for the simulation of index registers. The alphanumeric words in locations 1200-1277 must be adjusted to agree with the negative operation codes currently in use. Each such word uses the first fifteen bits to represent the three letters; the remaining bits of the word are blanks or spaces.