

NORD SOFTWARE LIBRARY DISKETTE

CONTAINING : ND-500 STANDARD MICRO PROGRAM

DIRECTORY NAME : ND-10332B
USER NAME : FLOPPY-USER

FILE 0 : (ND-10332B:FLOPPY-USER)CONT-STORE-10200:DATA)1

9 MARCH 1982

PRODUCT	NAME	ND-NUMBER	CATEGORY
	ND-500 standard micro program.	10332B	SPECIAL
		ND-NUMBER FOR SOURCE
ISSUED	DATE 82.03.02	BY	MOH
COMPUTERS	. 10 ! . 12 ! . 50 ! . 100!	X 500!!
INSTR.SET	. 48 BIT FL.!	. 32 BIT FL.!	. COMMERCIAL!
OP.SYSTEM	X SIN III VS!	. SIN III RT!	. ALONE !
DOCUMENTATION	NUMBER: ND - 05.009.01 TITLE: ND-500 Reference manual.		
PURPOSE	Implement the ND-500 standard instruction set.		
PROGRAMS (FILES)	(ND-10332B:FLOPPY-USER)CONT-STORE-10200:DATA		

LOADING/OPERATING PROCEDURE, USE

The micro program is to be copied to the file CONTROL-STORE:DATA on the user SYSTEM.

```
@ENTER-DIRECTORY ND-10332B,<floppy-disk name>,<floppy-disk unit>
@COPY-FILE CONTROL-STORE:DATA (ND:FLOPPY)CONT-STORE-10200:DATA
@RELEASE-DIRECTORY ND-10332B
```

The micro program is loaded to the ND-500 control store by the ND-500-MONITOR using the command :
LOAD-CONTROL-STORE CONTROL-STORE,0,20000 .

The parameters in the command LOAD-CONTROL-STORE may be given as ' , , , , ' causing the monitor to load control store from address 0 to 17777B .

The LOAD-CONTROL-STORE command is only necessary when the micro program is changed. Later restart of the system will cause the micro program to be loaded automatically.

The control store file is to be used with 8K size of control store.

MICROPROGRAM NO.: 102
VERSION : 00
TYPE : ND-500 STANDARD MICROPROGRAM

FEATURES:

Multi-segment multi-user microprogram.
Without BCD-instructions.

EXPLICIT ERRORS CORRECTED FROM PREVIOUS VERSIONS:

ND-500 STANDARD INSTRUCTION SET.

TN LOOP <INDEX>, <LIMIT>, <STEP>, <DISPLACEMENT> ERROR CORRECTION.

DEPENDENCY ON HARDWARE VERSIONS OR ECO'S:

All ECO's up to and including 500-67 must be done.

DEPENDENCY ON SOFTWARE VERSIONS AND RELEASES:

ND-500 monitor system part : Version B
ND-500 monitor subsystem part : Version B
ND-500 swapper : Version B
ND-500 linkage loader : Version C
SINTRAN III : Version G

DATE: 820302

ISSUED BY: MOH