

## RP04/5/6 FORMATTER PROGRAM

### ABSTRACT :

*This program formats disk packs in either 16 or 18 bit mode and performs a check of the pack's surface by reading back the written bit pattern.  
You can select a read only mode ('C' = check mode).*

*NOTE: This program is not intended to be a entire sector verification test, for doing that you need more and different data patterns.*

### OPERATING PROCEDURES :

#### START ADDRESSES:

*SA=200 normal starting (inhibit dual ported drives)*

*SA=204 non-standard RH11 or RH70 address/vector (enable dual ported drives)*

*SA=210 select RH11/RH70 addresses (do not inhibit dual ported drives)*

*SA=220 same as 200 but no inhibitions*

#### PROGRAM DIALOG:

*PROGRAM MODE (C or F) : C=check, F = format & check, default <CR> =F*

*OPERATE IN 22 SECTOR (16 bit mode) (Y or N)*

*DRIVE :*

*ENTER ADDRESS LIMITS:<CR> =default*

*SELECT DATA PATTERN : 0=zeros*

*1= ones*

*2= worst case <CR> =default, worst case*

*"Control C" will print you the current cylinder and track address.*

*By typing "control C" during typing the current cylinder and track address, the program will abort. This is the proper way to halt the program. If not done this way, a sector may be improperly formatted.*

<i>RUN TIME:</i>	<i>FORMAT</i>	<i>VERIFICATION</i>	<i>TOTAL</i>
<i>RP04/05</i>	<i>8 min.</i>	<i>4 min.</i>	<i>12 min.</i>
<i>RP06</i>	<i>16 min.</i>	<i>8 min.</i>	<i>24 min.</i>

### SWITCH SETTINGS :

*SW15= 1 halt on error*

*SW13= 1 inhibit error typeout*

*SW10= 1 bell on error*

*SW09= 1 loop on error*

*SW07= 1 print soft errors as they occur*

*SW02= 1 don't display system status after initial start*

*SW01= 1 loop on the current track*

*SW00= 1 loop the program on selected drive*

*use "CONTROL G" to enter software SWR at loc. 176*