

## RH11 RS03/04 DATA RELIABILITY TEST

### ABSTRACT :

*This program verifies that the RH11 controller and the RS03, RS04 disk are operating correctly. This is a reliability diagnostic with a series of disk address and data pattern tests. If there is a power fail while the diagnostic is running, the program will wait for approx. 5 minutes, to give all the drives time to come back up to speed, before restarting the test sequence. With the switch 10 up you will get into the conversational mode where you can change program parameters, like MULTI DRIVE MODE ?, UNIT # ?, WD CT ?, PATTERN, ....*

### OPERATING PROCEDURES :

*.R ZRSCG0*

*all switches down or zero for worst case*

*The program will now map the data buffers in 4k segments up to 124k. It will then type out the parameters of the data buffers.*

### SWITCH SETTINGS :

*SW15= 1 halt on error  
SW14= 1 loop on function  
SW13= 1 inhibit typeouts  
SW12= 1 inhibit comparison in memory  
SW11= 1 halt on completion of transfer  
SW10= 1 enter conversational mode  
SW09= 1 loop on error  
SW08= 1 data reliability mode  
SW07= 1 wait in wait mode for interrupt (waitinstruction)  
SW06= 1 optional timeout of retry errors  
SW05= 1 inhibit pass count  
SW04= 1 allow 8 errors typeout in the compare routine  
SW03= 1 typeout # of errors  
SW02= 1 inhibit memory management  
SW01= 1 data test only  
SW00= 1 drop drive after 20 errors*

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