

## RH11 RS04 MAINTENANCE MODE DIAGNOSTIC

## ABSTRACT :

*This program has two modes. The operator may select which drive he wants tested or he can let the program sequence through all the drives on the system. The first part of this diagnostic will test the drive registers associated with the drive under test. The program will also test the RH controller registers to confirm that the controller is working correctly. The second part of this diagnostic will test the drive in maintenance mode. This "MAINTENANCE MODE" test capability isolates the digital electronics from the analog and allows independent testing of the digital logic.*

## OPERATING PROCEDURES :

*.R ZRSDC0*

*The program will type :*

*TEST ALL DRIVES ? (Y or N)*

*If the operator types "Y" it will test all drives*

*If the operator types "N" the program will type*

*TYPE UNIT #*

*Tests only that drive ; program prints*

*ALL ERROR LIGHTS ON SELECTED UNIT SHOULD BE ON*

*-CHECK- THEN HIT CONTINUE*

*SA=220*

*The program will then test all RS04 drives on the system.*

## SWITCH SETTINGS :

*SW15= 1 halt on error*

*SW14= 1 loop on test*

*SW13= 1 inhibit typeouts*

*SW12= 1 typeout all errors in data compare routine*

*SW11= 1 run maintenance mode verify test*

*SW10= 1 bell on error*

*SW09= 1 loop on error*

*SW08= 1 loop on test in SW <7:0>*

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