Title:

RC36-00569.01

PAPER TAPE PUNCH RELIABILITY

OPERATING INSTRUCTION

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0065 !                                        RC36-00569 PAGE 01
0066
0067 TITLE:           PAPER TAPE PUNCH RELIABILITY PROGRAM.
0068
0069 ABSTRACT:        THIS PROGRAM TESTS PAPER TAPE PUNCHES. THE PROGRAM PUNCHES
0070                  3 DIFFERENT PAPER TAPES THAT CAN BE TESTED BY
0071                  THE PAPER TAPE READER RELIABILITY PROGRAM RC36-00464.
0072
0073 SIZE:            5176 BYTES INCLUDING 1 50 BYTES OUTPUT BUFFER AND
0074                  1 80 BYTES OUTPUT BUFFER.
0075
0076 DATE:            AUGUST 11TH 1977.
0077
0078 SPECIAL REQUIREMENTS (AT COMPILETIME):
0079
0080                  CODEPROCEDURE P0001 (TIME) RCSL: 43-GL182
0081                  CODEPROCEDURE P0023 (DELAY) RCSL: 43-GL1409
0082                  CODEPROCEDURE CHANGETABLE   RCSL: 43-GL1519
0083
0084 GENERAL INFORMATION:
0085
0086                  THE PROGRAM ACTS IN THE FOLLOWING WAY:
0087                  AFTER ALLE PARAMETERS HAVE BEEN INITIALIZED AND A START
0088                  COMMAND HAS BEEN GIVEN, THE PAPER TAPE PUNCH IS STARTED.
0089                  DEPENDING OF THE SELECTED MODE THE PROGRAM PUNCHES ONE OF
0090                  3 DIFFERENT PAPER TAPES.
0091                  IF STATUS ERROR OCCURS THEY ARE ACCUMULATED.
0092                  WHEN THE PROGRAM HAS BEEN RUNNUNG FOR THE SPECIFIED TIME
0093                  OR A HARD ERROR OCCURS, THE PROGRAM IS STOPPED
0094                  AND A STATISTIC IS LOGGED ON THE SELECTED LOG DEVICE.
0095
0096 DRIVERS FOR THE PROGRAM:
0097
0098                  INTERPRETER, DRIVER FOR THE LOG DEVICE,
0099                  (CONVERSION TABLE IF THE LOG DEVICE IS PRINTER),
0100                  THE PROGRAM TIME AND THE PAPER TAPE PUNCH DRIVER.
0101 !
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0103 |                                         RC36-00569 PAGE 02
0104
0105 RUNTIME PARAMETERS:
0106
0107          OUTPUT DEVICE,(PTP),(PTP1)?
0108
0109                  TYPE THE NAME OF THE DEVICE THET IS GOING TO BE TESTED.
0110
0111          OUTPUT LOG DEVICE,(TTY),(LPT),(CPT),(SP)?
0112
0113                  TYPE THE DEVICE WHERE STATISTICS ARE TO BE LOGGED.
0114                  TTY: TELETYPE
0115                  LPT: LINE PRINTER
0116                  CPT: CHARABAND PRINTER
0117                  SP:  SERIAL PRINTER
0118
0119          TESTPERIOD,(HOURS,MINUTES)?
0120
0121                  EFFECTIVE TIME THE TEST SHOULD RUN.
0122
0123          MODE: ALTERNATE(1), FLOATING ZERO(2), COUNT(3),
0124          COUNT IN STEPS(4)?
0125
0126                  TYPE THE DESIRED MODE OF THE PROGRAM.
0127                  1: ALTERNATE
0128                  2: FLOATING ZERO
0129                  3: COUNT
0130                  4: AS MODE 3, BUT THE PUNCH IS STOPPED 0.5 SECOND
0131                     FOR EVERY 1 SECOND.
0132
0133          TO SEE COMMANDS TYPE HELP ELSE NL
0134
0135                  IF ANSWER = HELP THEN ALL POSSIBLE COMMANDS
0136                  AND THE MEANING OF THEM WILL BE DISPLAYED.
0137
0138 INPUT MESSAGES:
0139
0140          START   STARTS EXECUTION WRITING: EXECUTION STARTED HH.MM.SS
0141                  AFTER LOG DEVICE ERROR START MEANS REPEAT THE LOG OUTPUT.
0142
0143          STOP    STOPS EXECUTION WRITING: EXECUTION STOPPED HH.MM.SS
0144                  AFTER LOG DEVICE ERROR STOP MEANS SKKIP THE LOG OUTPUT.
0145
0146          CONT    EXECUTION IS CONTINUED WITHOUT CHANGING STATUS
0147                  WRITING: EXECUTION CONTINUED HH.MM.SS.
0148
0149          INIT    DISPLAY RUNTIME PARAMETERS.
0150 |
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0151 !                                          RC36-00569 PAGE 03
0152
0153 OUTPUT MESSAGES:
0154
0155         EXECUTION STARTED HH.MM.SS
0156
0157              WRITTEN AS ACCEPT OF COMMAND START.
0158
0159         EXECUTION STOPPED HH.MM.SS
0160
0161              WRITTEN AS ACCEPT OF COMMAND STOP.
0162
0163         EXECUTION CONTINUED HH.MM.SS
0164
0165              WRITTEN AS ACCEPT OF COMMAND CONT.
0166
0167         LOG DEVICE ERROR NN
0168
0169              CONSULT THE RC3600 OPERATING GUIDE.
0170
0171 STATISTICS:
0172
0173         THE TEST STATISTIC IS LOGGED OG THE SELECTED LOG DEVICE
0174         WHEN THE TEST IS ENDED.
0175         IT SHOWS THE TIME FOR START, STOP AND THE EFFECTIVE RUNTIME.
0176         FURTHERMORE IT SHOWS THE STATUS ERRORS THAT HAVE OCCURRED.
0177
0178         ERROR NN: NNNNN EXPLANATION
0179
0180         NNNNN IS THE NUMBER OF TIMES THE ERROR HAS OCCURRED.
0181 !
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