PROGRAM

```
PG LIN  CT  LABEL   OP    A OPERAND     B OPERAND        D      LOC   INSTRUCTION COMMENTS   F7100

A1 080                  *
A1 090                  *             READ IN DIAG DESIRED ROUTINE
A1 100                  *
A1 110   8  P11110  MCW   %T0           ID    -  4       R      0544  M %T0 670 R   READ IN ID
A1 113   7          NOP   C91020        P13020&  3               0552  N 770 669     NOP OPERATION
A1 114   5          B     P11010                         %      0559  B 502 %       BR READ ERROR
A1 120   5          B     P11010                         *      0564  B 502 *       BR LOOP FOR ERR
A1 130   7  P11130  C     0080          ID                      0569  C 080 674     COMP ID TO ID
A1 140   5          B     P12010                         /      0576  B 597 /       BR NOT EQUAL
A1 150   4  P11150  B     0001                                  0581  B 001         BR TO 001 & EX
A1 160                  *
A1 170                  *             TAPE INDICATOR ROUTINE
A1 180                  *
A2 003   7          MCW   C91030        P13020&  3               0585  M 773 669     MOVE RETRN ADDR
A2 004   5          B     P13010                         L      0592  B 661 L       BR TAPE ERROR
A2 010   8  P12010  MCW   %U1           0001            R      0597  M %U1 001 R   READ TAPE REC
A2 020   5          B     P12110                         K      0605  B 614 K       BR EOR TAPE #1
A2 030   4          B     P11130                                0610  B 569         BR TO COMPARE
A2 040                  *
A2 050                  *             REREAD TAPE FROM START ROUTINE
A2 060                  *
A2 110   5  P12110  CU    %U1                            R      0614  U %U1 R       REWIND TAPE #1
A2 120   4  P12120  NOP   P12180                                0619  N 634         BR OR NOP INST
A2 130   7          MCW   BR            P12120                  0623  M 743 619     SET NOP TO BR
A2 140   4          B     P12010                                0630  B 597         BR TO READ REC
A2 150                  *
A2 160                  *             WRONG ID NUM READ INTO 1407 ROUT
A2 170                  *
A2 180   8  P12180  MCW   %T0           WR3   - 18       W      0634  M %T0 745 W   WR NO ID INFO
A2 190   8          MCW   %T0           WR3   *&  1      W      0642  M %T0 764 W   CARR RETURN
A2 195   7          MCW   NOP           P12120                  0650  M 744 419     SET INST TO NOP
A2 200   4          H     START                                 0657  . 420
A2 210                  *
A2 220                  *             CONSTANTS
A2 230                  *
A3 010   5  P13010  CU    %U1                            B      0661  U %U1 B       BACKSPACE TAPE
A3 020   4  P13020  H     0000                                  0666  . 000         HALT & BR ERROR
I  010   5  ID      DCW   *                                     0674
I  015   1          DCW   *                                     0675
```