IBM FORM 624-7074-0

PROGRAM LISTING

BRANCH LAST CARD BLOCK 9999A

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,0080121001                                                                  9999A 02

 LOAD INST
 ADDR ADDR OP A   B                  REMARKS

 419  400  L 452 456                  START LOOP COUNTER FOR FIRST OPERATION      03
 426  407  B 436 A                    SENSE A WITH SWITCH ON & CARDS IN HOPPER    04
 431  412  B 407 B                    B ON TO SCOPE                               05
 436  417  A 452 456                  ADD 1 TO COUNTER                            06
 443  424  B 445 4534                 BRANCH IF 4000 IN COUNTER                   07
 451  432  B 407                      BRANCH TO REPEAT LOOP IF NOT 4000 IN CTR    08
 455  436  B 407 B                    B ON TO SCOPE                               09
 460  441  . 407                      ERROR STOP IF BRANCH ON NOT LAST CARD       10
 464  445  1 001                      START LOADING REMAINDER OF PROGRAM CARDS    11
 468  449  0 001                      CONSTANT TO INCREMENT LOOP COUNTER          12
 472  453  X XXX                      LOOP COUNTER                                13
8400                                TRAILER CARD-START FIRST OPERATION      9999A 14
 519  500  L 452 456                  START LOOP COUNTER FOR SECOND OPERATION     15
 526  507  B 521 A                    SENSE A SWITCH ON & NO CARDS IN HOPPER      16
 531  512  B 507 B                    B ON TO SCOPE                               17
 536  517  . 507                      ERROR STOP IF NO BRANCH ON LAST CARD        18
 540  521  B 507 B                    B ON TO SCOPE                               19
 545  526  A 452 456                  ADD 1 TO COUNTER                            20
 552  533  B 599 4534                 BRANCH IF 4000 INCOUNTER                    21
 560  541  B 507                      BRANCH TO REPEAT LOOP IF NOT 4000 IN CTR    22
 618  599  .                          STOP TO SET A SWITCH OFF FOR THIRD OPER.    23
 619  600  L 452 456                  START LOOP COUNTER FOR THIRD OPERATION      24
 626  607  B 636 A                    SENSE A SWITCH OFF & NO CARDS IN HOPPER     25
 631  612  B 607 B                    B ON TO SCOPE                               26
 636  617  A 452 456                  ADD 1 TO COUNTER                            27
 643  624  B 699 4534                 BRANCH IF 4000 IN COUNTER                   28
 651  632  B 607                      BRANCH TO REPEAT LOOP IF NOT 4000 IN CTR    29
 655  636  B 607 B                    B ON TO SCOPE                               30
 660  641  . 607                      ERROR STOP IF BR ON LAST CARD A SW OFF      31
 664  645                             WORD MARK                                   32
 718  699  .                          STOP END OF TEST                            33
 719  700  B 500                      BRANCH TO REPEAT 2ND & 3RD OPERATIONS       34
8500                                TRAILER CARD-START 2ND & 3RD OPERATIONS 9999A 35
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DATE								
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