IBM FORM 624-7074-0

PROGRAM LISTING

RIPPLE PUNCH BLOCK 1030A

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,008012,019,026030L0653681001,008012,00110011B361080AB421/340080 1 OF 2 1030A 02
,037044N000,340344,348349,357,361368/333080 PROG. CHAIN. ROUTINE 2 OF 2 1030A 03
L057S4510012,049L0772772/2772¤/40/60¤/80L/892702/2702413     CARD 1 OF 3 1030A 04
,019026,033,040044,051051/340001        TITLE PRINT ROUTINE  CARD 2 OF 3 1030A 05
,S01S05,S12,S13S17,S18S25,S29S36,S37S41,S45/333080           CARD 3 OF 3 1030A 06

 LOAD INST
 ADDR ADDR OP A   B                  REMARKS

 396  377  B 389 S621                USE WHEN TESTS ARE RUN FROM TAPE          07
 404  385  B S88                       ,,                                      08
 408  389  N 000                       ,,                                      09
 412  393  M 360 392                   ,,                                      10
 419  400  / 332                     START TEST                                11
 423  404  /                                                                   12
 424  405  L 604 S22                 MODIFY TITLE PRINT TO SKIP HEADINGS       13
 431  412  B S00 S521                BR TO TITLE PRINT ROUTINE IF 1 IN S52     14
 439  420  ¤ 721 741                 EXPAND TABLE FROM 701-760 TO 701-880      15
 446  427  L 760 820                   ,,                                      16
 453  434  L 760 880                   ,,                                      17
 460  441  ¤ 761 821                   ,,                                      18
 467  448  / 180                     CLEAR PUNCH AREA                          19
 471  452  , 101                     SET WM IN PUNCH AREA                      20
 475  456  L 607 614                 LOAD CARD COUNTER                         21
 482  463  M 614 473                 MOVE CARD COUNTER INTO NEXT INSTRUCTION   22
 489  470  M 780 180                 MOVE TABLE INTO PUNCH AREA                23
 496  477  V 495 1012                BR TO PUNCH AND BRANCH IF NO ZONE IN 101  24
 504  485  4                         PUNCH                                     25
 505  486  B 485 B                   B ON TO SCOPE                             26
 510  491  B 505                     BRANCH TO TEST FOR LAST CARD              27
 514  495  4 500                     PUNCH & BRANCH                            28
 518  499  .                         ERROR STOP IF NO BRANCH                   29
 519  500  B 495 B                   B ON TO SCOPE                             30
 524  505  C 611 614                 COMPARE CARD COUNTER WITH 839             31
 531  512  B 526 /                   BRANCH TO ADD 1 IF NOT 839                32
 536  517  B 456 C                   B ON TO REPEAT TEST                       33
 541  522  B 345                     BRANCH TO READ NEXT RECORD                34
 545  526  A 608 614                 ADD 1 TO CARD COUNTER                     35
 552  533  B 463                     BRANCH TO PUNCH NEXT CARD                 36
 619  600  L 420                     BRANCH INSTRUCTION TO MODIFY TITLE PRINT  37
 624  605  7 80                      CONSTANT TO START CARD COUNTER            38
 627  608  1                         CONSTANT TO INCREMENT CARD COUNTER        39
 628  609  8 39                      CONSTANT TO STOP CARD COUNTER             40
 631  612  X XX                      CARD COUNTER                              41
 720  701  A KT4  FLU5‡CMV6 DNW7Δ TABLE TO BE RIPPLE PUNCHED                   42
 740  721  E 0X5  FPY9MCQZ0 HR+*M     ,,                                      43
 760  741  I -,1  &$&1&.*/2 ¤JS3-     ,,                                      44
,019027,031,038042B031T98‡B40CL046352BW04BS88   RIPPLE PUNCH          1030A 45
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DATE								
ENG. CHG. NO.								