IBM FORM 624-7074-0

PROGRAM LISTING

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                    BIT TEST                    BLOCK 3040B

,008012,019,026030L0653681001,008012,00110011B361080AB421/340080 1 OF 2 3040B 02
,037044N000,340344,346349,357,361368/333080 PROG. CHAIN. ROUTINE 2 OF 2 3040B 03
L057S4510012,049L0772772/2772¤/40/60¤/80L/892702/2702413    CARD 1 OF 3 3040B 04
,019026,033,040044,051051/340001        TITLE PRINT ROUTINE  CARD 2 OF 3 3040B 05
,S01S05,S12,S13S17,S18S25,S29S36,S37S41,S45/333080           CARD 3 OF 3 3040B 06

 LOAD INST
 ADDR ADDR OP A    P                 REMARKS

 396  377  B 389 S561                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  B S00 S521                 BR TO TITLE PRINT ROUTINE IF 1 IN S52     13
 432  413  / 080                      CLEAR READ AREA                           14
 436  417  B 348                      BRANCH TO PROGRAM CHAINING ROUTINE        15
 440  421  , 001 078                  LOAD PRINT AREA                           16
 447  428  L 080 299                    ,,                                      17
 454  435  L 072 272                    ,,                                      18
 461  442  B 600 201&                 BR TO CHANGE & CHARAC TO A BIT            19
 469  450  B 484 041                  BR TO TEST EQUAL BITS IF BLANK IN 041     20
 477  458  M 201 472                  MOVE D MODIFIER INTO TEST BIT OP          21
 484  465  W 895 223X                 TEST UNEQUAL BITS                         22
 492  473  W                            ,,                                      23
 493  474  W                            ,,                                      24
 494  475  B 465 B                    B ON TO SCOPE                             25
 499  480  B 513                      BRANCH TO LOAD RESULT COMMENT             26
 503  484  M 201 498                  MOVE D MODIFIER INTO TEST BIT OP          27
 510  491  W 508 223X                 TEST EQUAL BITS                           28
 518  499  B 491 B                    B ON TO SCOPE                             29
 523  504  B 900                      BRANCH TO ERROR PRINT ROUTINE             30
 527  508  B 491 B                    B ON TO SCOPE                             31
 532  513  , 241                      LOAD RESULT COMMENT                       32
 536  517  L 247 267                    ,,                                      33
 543  524  B 950 C                    C ON TO CORRECT PRINT ROUTINE             34
 548  529  B 958                      BRANCH TO SENSE D                         35
 619  600  Y 600 223                  MOVE A BIT INTO 201 & 223                 36
 626  607  Y 600 201                    ,,                                      37
 633  614  B 450                        ,,                                      38
 914  895  B 465 B                    B ON TO SCOPE                             39
 919  900  L /14 285                  BEGIN ERROR PRINT ROUTINE                 40
 926  907  B 916 E                    E ON TO ERROR STOP                        41
 931  912  2 958                      ERROR PRINT                               42
 935  916  . 958                      ERROR STOP                                43
 939  920                            WORD MARK                                 44
 969  950  L /19 285                  CORRECT PRINT ROUTINE                     45
 976  957  2                            ,,                                      46
 977  958  B 421 D                    D ON TO REPEAT                            47
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DATE								
ENG. CHG. NO.								