

60K 16ms  
90K 12ms  
170K 67ms

8SB05A

**STORAGE ACCESS RELIABILITY TEST**

April 15, 1961

Unit Tested

7305 Central Storage and I/O Control.

A. Purpose of Test

To establish whether the storage unit is basically operational under main frame program command and control.

B. Method of Test

CPU is assumed to be functioning normally. The program is composed of a series of simple self-contained routines. Each is intended to check out a specific function associated with storage operation.

Errors are indicated by a short (routine number) type-out if a specific result is not obtained within a routine. Reference to the program listing will indicate what the routine is checking for and what kind of failure was encountered.

Typical Routine Tests are:

Set for storage mark placement  
Zero emission  
Simple zero compare and unload  
Set wrap around  
Specific number of character unloads  
Storage mark placement by LSB and USB  
Storage mark to dilroy conversion  
Dilroy to storage mark conversion  
ASU selection during SPC 0000 set  
ASU selection during SPC 2000 set  
Specific number of character loads and unloads utilizing LFC and UFC.

C. Area of Machine Required

## 1. Units -

MF, Storage, Typewriter or Printer, CR or Tape

## 2. Memory Locations -

00000 - 35044

D. Loading Procedures

1. Card

Use 8LD10 load cards and 8TR02 ahead and behind the program deck respectively.

Auto-Load 0100 or 0101

2. Tape

Use a tape file generated by 8TR06.

Auto-Load 0200

Refer to 8TR06 write-up for further usage information.

E. Program Control

1. Card Deck

8LD01	2 cards
8SB05	500 cards
8TR02	1 card

2. Alteration Switches

0911 ON	Bypass all type-outs
0912 ON	Repeat a routine
0913 ON	Stop on error
0914 ON	Repeat program
0915	Not used
0916	Not used

3. Check Switches

0901	Program control
0902	Program control
All others in automatic.	

F. Normal Stops

None

**G. Error Stops**

If switch 0913 is on, the program will stop within the routine in which it failed. The routine number will be displayed in the visual display panel.

**H. Printed Results****1. Normal Type-outs**

A single "Z" indicates a complete program pass.

**2. Error Type-outs**

"SB" precedes all routine error indications.

SB 013 indicates Routine #13 failed.

SB 024A indicates one of several ways that Routine #024 failed.

SB 071-128 indicates one of several ways that Routine #071 failed.

ans/g0014787.png

-7080-  
STORAGE OVERALL RELIABILITY CK  
TESTS BANKS 0-4  
PART 1 OF 3 PARTS

April 15, 1961  
ENTER 7080 MODE

```

000004 EEM 3 14 0000 0&-0
000009 TMC 0 11 0014 0-A4
00014 SPC , 0000
00019 SET B 0000
00024 SET B 0255
00029 TMC 0 11 0039 0-C9
00034 TR 1 0079
00039 TAA I 01 0064 00W4
00044 SEL 2 0500
00049 WR R 0085
00054 TMC 0 11 0059 0-E9
00059 TRC 0 12 0064 0&64
00064 TAC I 03 0074 00G4
00069 TR 1 0079
00074 HLT J 0001
00079 TAB I 02 0009 00-9
00084 TR 1 0099

```

ROUTINES 1-5 255 SET-0901 GK  
SAC RESET & SET-0901 CK-BANK 0  
BANK 0 256 D 512 D 1024 D  
RESET TO POSITION 0 ALL SAC D  
SET 255 ALL SAC U  
TEST FOR 0901 ON SET

BYPASS T-0 IF 0911 ON

SB 001

STOP IF 0913 ON

REPEAT IF 0912 ON

2 006 00090 SB 001  
2 001 00091

```

000099 TMC 0 11 0104 0J&4
00104 SPC , 1000
00109 SET B 0000
00114 SET B 0255
00119 TMC 0 11 0129 0JB9
00124 TR 1 0169
00129 TAA I 01 0154 01V4
00134 SEL 2 0500
00139 WR R 0175
00144 TMC 0 11 0149 0JD9
00149 TRC 0 12 0154 0A54
00154 TAC I 03 0164 01F4
00159 TR 1 0169
00164 HLT J 0002
00169 TAB I 02 0099 00R9
00174 TR 1 0189

```

BANK 1 256 U 512 D 1024 D  
RESET TO POSITION 0 ALL SAC D  
SET 255 ALL SAC U  
TEST FOR 0901

SB 002

2 006 00180 SB 002  
2 001 00181

A02

```

01 scans 001 00189 TMC O 11 0194 OJI4
I 00194 SPC , 2000
I 00199 SET B 0000
I 00204 SET B 0255
I 00209 TMC O 11 0219 OKA9
I 00214 TR 1 0259
I
I
I 00219 TAA I 01 0244 02U4
I 00224 SEL 2 0500
I 00229 WR R 0265
I 00234 TMC O 11 0239 OKC9
I 00239 TRC O 12 0244 0B44
I 00244 TAC I 03 0254 02E4
I 00249 TR 1 0259
I
I 00254 HLT J 0003
I 00259 TAB I 02 0189 01Q9
I 00264 TR 1 0279
I

```

```

BANK 2 256 D 512 U 1024 D
RESET TO POSITION 0 ALL SAC D
SET 255 ALL SAC U
TEST FOR 0901

```

SB 003

```

2 006 00270 SB 003
2 001 00271

```

```

I
I 00279 TMC O 11 0284 OKH4
I
I 00284 SPC , 3000
I 00289 SET B 0000
I 00294 SET B 0255
I 00299 TMC O 11 0309 0LG9
I 00304 TR 1 0349
I
I
I 00309 TAA I 01 0334 03T4
I 00314 SEL 2 0500
I 00319 WR R 0355
I 00324 TMC O 11 0329 0LB9
I 00329 TRC O 12 0334 0C34
I 00334 TAC I 03 0344 03D4
I 00339 TR 1 0349
I
I 00344 HLT J 0004
I 00349 TAB I 02 0279 02P9
I 00354 TR 1 0369
I

```

```

BANK 3 256 U 512 U 1024 D
RESET TO POSITION 0 ALL SAC D
SET 255 ALL SAC U
TEST FOR 0901

```

SB 004

```

2 006 00360 SB 004
2 001 00361

```

```

B03.....I
I 00369 TMC O 11 0374 0LG4
I
I 00374 SPC , 4000
I 00379 SET B 0000
I 00384 SET B 0255
I 00389 TMC O 11 0399 0LI9
I 00394 TR 1 0439
I

```

```

BANK 4 256 D 512 D 1024 U
RESET TO POSITION 0 ALL SAC D
SET 255 ALL SAC U
TEST FOR 0901

```

C03  
D03

```

00399 TAA I 01 0424 04S4
00404 SEL 2 0500
00409 WR R 0445
00414 TMC O 11 0419 OMA9
00419 TRC O 12 0424 OD24
00424 TAC I 03 0434 04C4
00429 TR 1 0439
00434 HLT J 0005
00439 TAB I 02 0369 0309
00444 TR 1 0459

```

SB 005

```

2 006 00450
2 001 00451

```

```

SB 005

```

ROUTINES 6-10 255 ZERO CMP

```

00459 TMC O 11 0464 OMF4
00464 SPC 0000
00469 SET B 0000
00474 SET B 0255
00479 TMC O 11 0484 OMH4
00484 CMP 4 12165 S165
00489 TMC O 11 0504 ONG4
00494 TRE L 0594
00499 TR 1 0534
00504 TRE L 0514
00509 TR 1 0554
00514 TAA I 01 0579 05X9
00519 SEL 2 0500
00524 WR R 0600
00529 TR 1 0569
00534 TAA I 01 0579 05X9
00539 SEL 2 0500
00544 WR R 0608
00549 TR 1 0569
00554 TAA I 01 0579 05X9
00559 SEL 2 0500
00564 WR R 0616
00569 TMC O 11 0574 ONG4
00574 TRC O 12 0579 OE79
00579 TAC I 03 0589 05H9
00584 TR 1 0594
00589 HLT J 0006
00594 TAB I 02 0459 04N9
00599 TR 1 0629

```

```

ZERO EMISSION COMPARE---BANK 0
BANK 0 256 D 512 D 1024 D
RESET TO POS 0
SET 255
TEST FOR 255 EQUAL ZEROES
TEST FOR 0901 ON CMP
NO ERRORS
UNEQUAL ONLY
0901 ONLY
0901 AND UNEQUAL

```

SB 006A

0901

SB 006B

UNEQUAL

SB 006C

0901 & UNEQUAL

```

2 007 00606
2 001 00607
2 007 00614
2 001 00615
2 007 00622
2 001 00623

```

```

SB 006A
SB 006B
SB 006C

```

E04

```

F05.....00014006299 TMC 0 11 0634 00C4-#-I
I 00634 SPC , 1000.....#-I
I 00639 SET B 0000 #
I 00644 SET B 0255 #
I 00649 TMC 0 11 0654 00E4-#-I
I 00654 CMP 4 12165 S165.#-I
I 00659 TMC 0 11 0674 00G4-#-I
I 00664 TRE L 0764-----#-I
I 00669 TR 1 0704-----#-I
I 00674 TRE L 0684-----#-I
I 00679 TR 1 0724-----#-I
I 00684 TAA I 01 0749 07U9-#-I
I 00689 SEL 2 0500 #
I 00694 WR R 0770 #
I 00699 TR 1 0739-----#-I
I 00704 TAA I 01 0749 07U9-#-I
I 00709 SEL 2 0500 #
I 00714 WR R 0778 #
I 00719 TR 1 0739-----#-I
I 00724 TAA I 01 0749 07U9-#-I
I 00729 SEL 2 0500 #
I 00734 WR R 0786 #
I 00739 TMC 0 11 0744 0PD4-#-I
I 00744 TRC 0 12 0749 0G49-#-I
I 00749 TAC I 03 0759 07E9-#-I
I 00754 TR 1 0764-----#-I
I 00759 HLT J 0007.....#-I
I 00764 TAB I 02 0629 06K9.#-I
I 00769 TR 1 0799-----#-I

```

ZERO EMISSION COMPARE---BANK 1  
 BANK 1 256 U 512 D 1024 D  
 RESET TO POS 0  
 SET 255  
 TEST FOR 255 EQUAL ZEROES  
 NO ERRORS  
 UNEQUAL ONLY  
 0901 ONLY  
 0901 AND UNEQUAL

SB 007A 0901  
 SB 007B UNEQUAL  
 SB 007C 0901 & UNEQUAL

```

2 007 00776 SB 007A
2 001 00777 #
2 007 00784 SB 007B
2 001 00785 #
2 007 00792 SB 007C
2 001 00793 #

```

```

F05.....00799 TMC 0 11 0804 0QG4-#-I
I 00804 SPC , 2000.....#-I
I 00809 SET B 0000 #
I 00814 SET B 0255 #
I 00819 TMC 0 11 0824 0QB4-#-I
I 00824 CMP 4 12165 S165.#-I
I 00829 TMC 0 11 0844 0QD4-#-I
I 00834 TRC L 0934-----#-I
I 00839 TR 1 0874-----#-I
I 00844 TRE L 0854-----#-I
I 00849 TR 1 0894-----#-I

```

ZERO EMISSION COMPARE---BANK 2  
 BANK 2 256 D 512 U 1024 D  
 RESET TO POS 0  
 SET 255  
 TEST FOR 255 EQUAL ZEROES  
 NO ERRORS  
 UNEQUAL ONLY  
 0901 ONLY  
 0901 AND UNEQUAL



G04.....00854 TAA I 01 0919 09/9  
 00859 SEL 2 0500  
 00864 WR R 0940  
 00869 TR 1 0909

SB 008A 0901

H04.....00874 TAA I 01 0919 09/9  
 00879 SEL 2 0500  
 00884 WR R 0948  
 00889 TR 1 0909

SB 008B UNEQUAL

J04.....00894 TAA I 01 0919 09/9  
 00899 SEL 2 0500  
 00904 WR R 0956  
 00909 TMC O 11 0914 ORA4  
 00914 TRC O 12 0919 0119  
 00919 TAC I 03 0929 09B9  
 00924 TR 1 0934

SB 008C 0901 & UNEQUAL

K04.....00929 HLT J 0008  
 00934 TAB I 02 0799 07R9  
 00939 TR 1 0969

F04

2 007 00946 SB 008A  
 2 001 00947  
 2 007 00954 SB 008B  
 2 001 00955  
 2 007 00962 SB 008C  
 2 001 00963

L06.....00969 TMC O 11 0974 ORG4  
 00974 SPC 3000  
 00979 SET B 0000  
 00984 SET B 0255  
 00989 TMC O 11 0994 OR14  
 00994 CMP 4 12165 S165  
 00999 TMC O 11 1014 1-A4  
 01004 TRE L 1104  
 01009 TR 1 1044

ZERO EMISSION COMPARE---BANK 3  
 BANK 3 256 U 512 U 1024 D  
 RESET TO POS 0  
 SET 255

TEST FOR 255 EQUAL ZEROES

NO ERRORS  
UNEQUAL ONLY

0901 ONLY  
0901 AND UNEQUAL

01014 TRE L 1024  
 01019 TR 1 1064  
 01024 TAA I 01 1089 10Y9  
 01029 SEL 2 0500  
 01034 WR R 1110  
 01039 TR 1 1079

SB 009A 0901

01044 TAA I 01 1089 10Y9  
 01049 SEL 2 0500  
 01054 WR R 1118  
 01059 TR 1 1079

SB 009B UNEQUAL

```

05.....01064 TAA I 01 1089 10Y9-
05.....01069 SEL 2 0500
05.....01074 WR R 1126
05.....01079 TMC O 11 1084 1-H4-
05.....01084 TRC O 12 1089 1B89-
05.....01089 TAC I 03 1099 1019-
05.....01094 TR 1 1104-
05.....01099 HLT J 0009
05.....01104 TAB I 02 0969 0909- L05
05.....01109 TR 1 1139-

```

SB 009C 0901 & UNEQUAL

```

2 007 01116 SB 009A
2 001 01117
2 007 01124 SB 009B
2 001 01125
2 007 01132 SB 009C
2 001 01133

```

```

01139 TMC O 11 1144 1JD4-
01144 SPC 4000
01149 SET B 0000
01154 SET B 0255
01159 TMC O 11 1164 1JF4-
01164 CMP 4 12165 S165
01169 TMC O 11 1184 1JH4-
01174 TRE L 1274-
01179 TR 1 1214-
01184 TRE L 1194-
01189 TR 1 1234-
01194 TAA I 01 1259 12V9-
01199 SEL 2 0500
01204 WR R 1280
01209 TR 1 1249-
01214 TAA I 01 1259 12V9-
01219 SEL 2 0500
01224 WR R 1288
01229 TR 1 1249-
01234 TAA I 01 1259 12V9-
01239 SEL 2 0500
01244 WR R 1296
01249 TMC O 11 1254 1KE4-
01254 TRC O 12 1259 1B59-
01259 TAC I 03 1269 12F9-
01264 TR 1 1274-
01269 HLT J 0010
01274 TAB I 02 1139 11L9- R07
01279 TR 1 1309-

```

ZERO EMISSION COMPARE---BANK 4  
BANK 4 256 D 512 D 1024 U  
RESET TO POS 0  
SET 255  
TEST FOR 255 EQUAL ZEROES  
NO ERRORS  
UNEQUAL ONLY  
0901 ONLY  
0901 AND UNEQUAL

SB 010A 0901

SB 010B UNEQUAL

SB 010C 0901 & UNEQUAL

ns/g002400701286  
 2 001 01287  
 2 007 01294  
 2 001 01295  
 2 007 01302  
 2 001 01303

SB 010A  
 □  
 SB 010B  
 □  
 SB 010C  
 □

ROUTINES 11-15 255 ZERO UNL

```

R06.....□□□□□□□□□□□□□□□□□□□□□□□□□□□□
I □ 01309 RCV U      12174 S174 □
I □ 01314 TMT 9     11649 /649 □
I □ 01319 TMC 0 11  1324 1LB4 □
I □ 01324 SPC ,      0000..... □
I □ 01329 SET B      0000 □
I □ 01334 SET B      0255 □
I □ 01339 TMC 0 11  1344 1LD4 □
I □ 01344 UNL 7     12429 S429 □
I □ 01349 TMC 0 11  1359 1LE9 □
I □ 01354 TR 1      1399 □
I □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
I □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
I □ 01359 TAA I 01   1384 13Y4 □
I □ 01364 SEL 2      0500 □
I □ 01369 WR  R      1405 □
I □ 01374 TMC 0 11  1379 1LG9 □
I □ 01379 TRC 0 12  1384 1C84 □
I □ 01384 TAC I 03   1394 13I4 □
I □ 01389 TR 1      1399 □
I □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
I □ 01394 HLT J      0011..... □
I □ 01399 TAB I 02   1309 13-9 □
I □ 01404 TR 1      1419 □
I □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
  
```

BLANK OUT UNLOAD AREA  
 255 ZERO UNLOAD-0901 CK  
 BANK 0

UNLOAD 255 ZEROES TO MEMORY

SB 011

2 006 01410  
 2 001 01411

SB 011  
 □

```

I □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
I □ 01419 RCV U      12174 S174 □
I □ 01424 TMT 9     11649 /649 □
I □ 01429 TMC 0 11  1434 1MC4 □
I □ 01434 SPC ,      1000..... □
I □ 01439 SET B      0000 □
I □ 01444 SET B      0255 □
I □ 01449 TMC 0 11  1454 1ME4 □
I □ 01454 UNL 7     12429 S429 □
I □ 01459 TMC 0 11  1469 1MF9 □
I □ 01464 TR 1      1509 □
I □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
I □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
I □ 01469 TAA I 01   1494 14Z4 □
I □ 01474 SEL 2      0500 □
I □ 01479 WR  R      1515 □
I □ 01484 TMC 0 11  1489 1MH9 □
I □ 01489 TRC 0 12  1494 1D94 □
I □ 01494 TAC I 03   1504 15E4 □
I □ 01499 TR 1      1509 □
I □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
I □ 01504 HLT J      0012..... □
I □ 01509 TAB I 02   1419 14J9 □
I □ 01514 TR 1      1529 □
I □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
  
```

BLANK OUT UNLOAD AREA  
 255 ZERO UNLOAD-0901 CK  
 BANK 1

UNLOAD 255 ZEROES TO MEMORY

SB 012

S08

2 006 01520  
2 001 01521

SB 012

```
S07.....01529 RCV U      12174 S174  □
I 01534 TMT 9      11649 7649  □
I 01539 TMC 0 11    1544 1ND4- □
I 01544 SPC ,      2000..... □
I 01549 SET B      0000      □
I 01554 SET B      0255      □
I 01559 TMC 0 11    1564 1NF4- □
I 01564 UNL 7      12429 S429. □
I 01569 TMC 0 11    1579 1NG9- □
I 01574 TR 1       1619----- □
I
I 01579 TAA I 01    1604 16 4- □
I 01584 SEL 2      0500      □
I 01589 WR  R      1625      □
I 01594 TMC 0 11    1599 1N19- □
I 01599 TRC 0 12    1604 1F04- □
I 01604 TAC I 03    1614 16A4- □
I 01609 TR 1       1619----- □
I
I 01614 HLT J      0013..... □
+---01619 TAB I 02   1529 15K9. □
 01624 TR 1       1639----- □
I
I
I
I
```

BLANK OUT UNLOAD AREA  
255 ZERO UNLOAD-0901 CK  
BANK 2  
UNLOAD 255 ZEROES TO MEMORY

SB 013

2 006 01630  
2 001 01631

SB 013

```
.....01639 RCV U      12174 S174. □
I 01644 TMT 9      11649 7649  □
I 01649 TMC 0 11    1654 1OE4- □
I
I 01654 SPC ,      3000..... □
I 01659 SET B      0000      □
I 01664 SET B      0255      □
I 01669 TMC 0 11    1674 1OG4- □
I 01674 UNL 7      12429 S429. □
I ..01679 TMC 0 11    1689 1OH9- □
I +---01684 TR 1     1679----- □
I
I
I 01689 TAA I 01    1714 17/4- □
I 01694 SEL 2      0500      □
I 01699 WR  R      1735      □
I 01704 TMC 0 11    1709 1P&9- □
I 01709 TRC 0 12    1714 1G14- □
I 01714 TAC I 03    1724 17B4- □
I 01719 TR 1       1729----- □
I
I 01724 HLT J      0014..... □
+---01729 TAB I 02   1639 16L9. □
 01734 TR 1       1749----- T09
I
I
I
```

BLANK OUT UNLOAD AREA  
255 ZERO UNLOAD-0901 CK  
BANK 3  
UNLOAD 255 ZEROES TO MEMORY

SB 014

2 006 01740  
2 001 01741

SB 014

gs 00000014791

```

01749 RCV U 12174 S174
01754 TMT 9 11649 /649
01759 TMC 0 11 1764 1PF4
01764 SPC , 4000
01769 SET B 0000
01774 SET B 0255
01779 TMC 0 11 1784 1PH4
01784 UNL 7 12429 S429
01789 TMC 0 11 1799 1PI9
01794 TR 1 1839
01799 TAA I 01 1824 18S4
01804 SEL 2 0500
01809 WR R 1845
01814 TMC 0 11 1819 1QA9
01819 TRC 0 12 1824 1H24
01824 TAC I 03 1834 18C4
01829 TR 1 1839
01834 HET J 0015
01839 TAB I 02 1749 17M9
01844 TR 1 1859

```

BLANK OUT UNLOAD AREA

255 ZERO UNLOAD-0901 CK BANK 4

UNLOAD 255 ZEROES TO MEMORY

SB 015

2 006 01850  
2 001 01851

SB 015

ROUTINES 16-20 255 0 UNL-CMP

BLANK OUT UNLOAD AREA

255 ZERO UNL-CMP SAME-EQUAL CK BANK 0

UNL 255 ZEROES

CMP SAME TO MEMORY

NO ERRORS UNEQUAL ONLY

0901 ONLY 0901 AND UNEQUAL

SB 016A

0901 ONLY

SB 016B

UNEQUAL ONLY

U10.....

```

01859 RCV U 12174 S174
01864 TMT 9 11649 /649
01869 TMC 0 11 1874 1QG4
01874 SPC , 0000
01879 SET B 0000
01884 SET B 0255
01889 TMC 0 11 1894 1QI4
01894 UNL 7 12429 S429
01899 TMC 0 11 1904 1R&4
01904 CMP 4 12429 S429
01909 TMC 0 11 1924 1RB4
01914 TRE L 2014
01919 TR 1 1954
01924 TRE L 1934
01929 TR 1 1974
01934 TAA I 01 1999 19Z9
01939 SEL 2 0500
01944 WR R 2020
01949 TR 1 1989
01954 TAA I 01 1999 19Z9
01959 SEL 2 0500
01964 WR R 2028
01969 TR 1 1989

```

Y10

V10

X10

W10

X10

W10

```

V09.....01974 TAA I 01 1999 19Z9
W09.....01979 SEL 2 0500
01984 WR R 2036
01989 TMC O 11 1994 1R14
01994 TRC O 12 1999 1I99
X09.....01999 TAC I 03 2009 20&9
02004 TR 1 2014
02009 HLT J 0016
Y09.....02014 TAB I 02 1859 18N9
02019 TR 1 2049

```

SB 016C 0901 & UNEQUAL

```

2 007 02026 SB 016A
2 001 02027
2 007 02034 SB 016B
2 001 02035
2 007 02042 SB 016C
2 001 02043

```

```

02049 RCV U 12174 S174
02054 TMT 9 11649 /649
02059 TMC O 11 2064 2-F4
02064 SPC , 1000
02069 SET B 0000
02074 SET B 0255
02079 TMC O 11 2084 2-H4
02084 UNL 7 12429 S429
02089 TMC O 11 2094 2-I4
02094 CMP 4 12429 S429
02099 TMC O 11 2114 2JA4
02104 TRE L 2204
02109 TR 1 2144
02114 TRE L 2124
02119 TR 1 2164
02124 TAA I 01 2189 21Y9
02129 SEL 2 0500
02134 WR R 2210
02139 TR 1 2179
02144 TAA I 01 2189 21Y9
02149 SEL 2 0500
02154 WR R 2218
02159 TR 1 2179
02164 TAA I 01 2189 21Y9
02169 SEL 2 0500
02174 WR R 2226
02179 TMC O 11 2184 2JH4
02184 TRC O 12 2189 2A89
02189 TAC I 03 2199 21I9
02194 TR 1 2204
02199 HLT J 0017
02204 TAB I 02 2049 20M9
02209 TR 1 2239

```

BLANK OUT UNLOAD AREA  
255 ZERO UNL-CMP SAME-EQUAL CK  
BANK 1  
UNL 255 ZEROES  
CMP SAME TO MEMORY  
NO ERRORS  
UNEQUAL ONLY  
0901 ONLY  
0901 AND UNEQUAL

SB 017A 0901 ONLY  
SB 017B UNEQUAL ONLY  
SB 017C 0901 & UNEQUAL

Z11

g...ns/g0024007 02216  
 2 001 02217  
 2 007 02224  
 2 001 02225  
 2 007 02232  
 2 001 02233

SB 017A  
 □  
 SB 017B  
 □  
 SB 017C  
 □

z10.....  
 I □ 02239 RCV U 12174 S174 □  
 I □ 02244 TMT 9 11649 /649 □  
 I □ 02249 TMC O 11 2254 2KE4-  
 I □ 02254 SPC , 2000.....  
 I □ 02259 SET B 0000 □  
 I □ 02264 SET B 0255 □  
 I □ 02269 TMC O 11 2274 2KG4-  
 I □ 02274 UNL 7 12429 S429.  
 I □ 02279 TMC O 11 2284 2KH4-  
 I □ 02284 CMP 4 12429 S429.  
 I □ 02289 TMC O 11 2304 2L&4-  
 I □ 02294 TRE L 2394-  
 I □ 02299 TR 1 2334-  
 I □ 02304 TRE L 2314-  
 I □ 02309 TR 1 2354-  
 I □ 02314 TAA I 01 2379 23X9-  
 I □ 02319 SEL 2 0500 □  
 I □ 02324 WR R 2400 □  
 I □ 02329 TR 1 2369-  
 I □ 02334 TAA I 01 2379 23X9-  
 I □ 02339 SEL 2 0500 □  
 I □ 02344 WR R 2408 □  
 I □ 02349 TR 1 2369-  
 I □ 02354 TAA I 01 2379 23X9-  
 I □ 02359 SEL 2 0500 □  
 I □ 02364 WR R 2416 □  
 I □ 02369 TMC O 11 2374 2LG4-  
 I □ 02374 TRC O 12 2379 2C79-  
 I □ 02379 TAC I 03 2389 23H9-  
 I □ 02384 TR 1 2394-  
 I □ 02389 HLT J 0018.....  
 + □ 02394 TAB I 02 2239 22L9.  
 □ 02399 TR 1 2429- AA12

BLANK OUT UNLOAD AREA  
 255 ZERO UNL-CMP SAME-EQUAL CK  
 BANK 2  
 UNL 255 ZEROES  
 CMP SAME TO MEMORY  
 NO ERRORS  
 UNEQUAL ONLY  
 0901 ONLY  
 0901 AND UNEQUAL

SB 018A

SB 018B UNEQUAL ONLY

SB 018C 0901 & UNEQUAL

2 007 02406 SB 018A  
 2 001 02407 □  
 2 007 02414 SB 018B  
 2 001 02415 □  
 2 007 02422 SB 018C  
 2 001 02423 □

AA11  
gscans/90

```

02429 RCV U 12174 S174
02434 TMT 9 11649 /649
02439 TMC 0 11 2444 2MD4
02444 SPC , 3000
02449 SET B 0000
02454 SET B 0255
02459 TMC 0 11 2464 2MF4
02464 UNL 7 12429 S429
02469 TMC 0 11 2474 2MG4
02474 CMP 4 12429 S429
02479 TMC 0 11 2494 2MI4
02484 TRE L 2584
02489 TR 1 2524
02494 TRE L 2504
02499 TR 1 2544
02504 TAA I 01 2569 25W9
02509 SEL 2 0500
02514 WR R 2590
02519 TR 1 2559
02524 TAA I 01 2569 25W9
02529 SEL 2 0500
02534 WR R 2598
02539 TR 1 2559
02544 TAA I 01 2569 25W9
02549 SEL 2 0500
02554 WR R 2606
02559 TMC 0 11 2564 2NF4
02564 TRC 0 12 2569 2E69
02569 TAC I 03 2579 25G9
02574 TR 1 2584
02579 HLT J 0019
02584 TAB I 02 2429 24K9
02589 TR 1 2619

```

BLANK OUT UNLOAD AREA  
255 ZERO UNL-CMP SAME-EQUAL CR  
BANK 3

UNL 255 ZEROES  
CMP SAME TO MEMORY  
NO ERRORS  
UNEQUAL ONLY  
0901 ONLY  
0901 AND UNEQUAL

SB 019A 0901 ONLY

SB 019B UNEQUAL ONLY

SB 019C 0901 & UNEQUAL

```

2 007 02596 SB 019A
2 001 02597
2 007 02604 SB 019B
2 001 02605
2 007 02612 SB 019C
2 001 02613

```

AB13



95 0014792

```

#####
02619 RCV U 12174 S174
02624 TMT 9 11649 /649
02629 TMC 0 11 2634 20C4
#####
02634 SPC 4000
02639 SET B 0000
02644 SET BB 0255
02649 TMC 0 11 2654 20E4
02654 UNL 7 12429 S429
02659 TMC 0 11 2664 20F4
02664 CMP 4 12429 S429
02669 TMC 0 11 2684 20H4
02674 TRE L 2774
02679 TR 1 2714
#####
02684 TRE L 2694
02689 TR 1 2734
#####
02694 TAA I 01 2759 27V9
02699 SEL 2 0500
02704 WR R 2780
02709 TR 1 2749
#####
02714 TAA I 01 2759 27V9
02719 SEL 2 0500
02724 WR R 2788
02729 TR 1 2749
#####
02734 TAA I 01 2759 27V9
02739 SEL 2 0500
02744 WR R 2796
02749 TMC 0 11 2754 2PE4
02754 TRC 0 12 2759 2G59
02759 TAC I 03 2769 27F9
02764 TR 1 2774
#####
02769 HLT J 0020
02774 TAB I 02 2619 26J9
02779 TR 1 2809
#####

```

BLANK OUT UNLOAD AREA  
 255 ZERO UNL-CMP SAME-EQUAL CK  
 BANK 4  
 UNL 255 ZEROES  
 CMP SAME TO MEMORY  
 NO ERRORS  
 UNEQUAL ONLY  
 0901 3NLY  
 0901 AND UNEQUAL

SB 020A 0901 ONLY  
 SB 020B UNEQUAL ONLY  
 SB 020C 0901 & UNEQUAL

```

2 007 02786 SB 020A
2 001 02787
2 007 02794 SB 020B
2 001 02795
2 007 02802 SB 020C
2 001 02803

```

AC14

ROUTINES 21-68  
SET AND RESET SAG 1-128

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C13.....

```

#####
02809 RCV U      12174 S174
02814 TMT 9      11649 /649
#####
02819 SPC 0      0000
02824 SET B      0000
02829 SET B      0255
02834 SET B      0001
02839 UNL 7      12429 S429
02844 TMC 0 11   2849 2QD9
#####
02849 RCV U      12428 S428
02854 TZB 02     2864 2804
02859 TR 1       2874
02864 TZB 04     2959 2Z59
02869 TR 1       2919
02874 TZB 04     2899 2Y99
#####
02879 TAA I 01   2944 29U4
02884 SEL 2      0500
02889 WR R       2965
02894 TR 1       2934
#####
02899 TAA I 01   2944 29U4
02904 SEL 2      0500
02909 WR R       2973
02914 TR 1       2934
#####
02919 TAA I 01   2944 29U4
02924 SEL 2      0500
02929 WR R       2981
02934 TMC 0 11   2939 2RC9
02939 TRC 0 12   2944 2I44
02944 TAC I 03   2954 29E4
02949 TR 1       2959
#####
02954 HLT J      0021
02959 TAB I 02   2809 28-9
02964 TR 1       2994
#####

```

BANK 0

SET 1  
SHOULD UNL 1 ZERO SAC ONLY 1 U

TEST MEM POS 2 FOR NO ZERO  
TEST FOR NO 2 BIT

TEST FOR NO 8 BIT - NO ERRORS

TEST FOR NO 8 BIT

SB 021A 8 AND 2 BIT UP

SB 021B 2 BIT UP

SB 021C 8 BIT UP

AD15

2 007 02971  
 2 001 02972  
 2 007 02979  
 2 001 02980  
 2 007 02987  
 2 001 02988

SB 021A  
 □  
 SB 021B  
 □  
 SB 021C  
 □

AD14 001470

```

02994 RCV U 12174 S174
02999 TMT 9 11649 7649
03004 SPC 0000
03009 SET BB 0000
03014 SET BB 0255
03019 SET BB 0002
03024 UNL 7 12429 S429
03029 TMC 0 11 3034 3-C4
03034 RCV U 12427 S427
03039 TZB 02 3049 30M9
03044 TR 1 3059
03049 TZB 04 3144 3/44
03054 TR 1 3104
03059 TZB 04 3084 3 84
03064 TAA I 01 3129 31S9
03069 SEL 2 0500
03074 WR R 3150
03079 TR 1 3119
03084 TAA I 01 3129 31S9
03089 SEL 2 0500
03094 WR R 3158
03099 TR 1 3119
03104 TAA I 01 3129 31S9
03109 SEL 2 0500
03114 WR R 3166
03119 TMC 0 11 3124 3JB4
03124 TRC 0 12 3129 3A29
03129 TAC I 03 3139 31C9
03134 TR 1 3144
03139 HLT J 0022
03144 TAB I 02 2994 29R4
03149 TR I 3179

```

BANK 0

SET 2 SAC 2 U  
SHOULD UNL 2 ZEROES ONLY

TEST MEM POS 3 FOR NO ZERO  
TEST FOR NO 2 BIT

TEST FOR NO 8 BIT - NO ERRORS

TEST FOR NO 8 BIT

SB 022A 8 AND 2 BIT UP

SB 022B 2 BIT UP

SB 022C 8 BIT UP

AE16

```

2 007 03156 SB 022A
2 001 03157
2 007 03164 SB 022B
2 001 03165
2 007 03172 SB 022C
2 001 03173

```

E15 ans/s0040

```

03179 RCV U 12174 S174
03184 TMT 9 11649 /649
03189 SPC 0000
03194 SET B 0000
03199 SET B 0255
03204 SET B 0004
03209 UNL 7 12429 S429
03214 TMC 0 11 3219 3KA9
03219 RCV U 12425 S425
03224 TZB 02 3234 32L4
03229 TR 1 3244
03234 TZB 04 3329 3T29
03239 TR 1 3289
03244 TZB 04 3269 3S69
03249 TAA I 01 3314 33/4
03254 SEL 2 0500
03259 WR R 3335
03264 TR 1 3304
03269 TAA I 01 3314 33/4
03274 SEL 2 0500
03279 WR R 3343
03284 TR 1 3304
03289 TAA I 01 3314 33/4
03294 SEL 2 0500
03299 WR R 3351
03304 TMC 0 11 3309 3L69
03309 TRC 0 12 3314 3C14
03314 TAC I 03 3324 33B4
03319 TR 1 3329
03324 HLT J 0023
03329 TAB I 02 3179 31P9
03334 TR 1 3364 AF17

```

BANK 0

SET 4 SHOULD UNL 4 ZEROES ONLY SAC 4 U

TEST MEM POS 5 FOR NO ZERO TEST FOR NO 2 BIT

TEST FOR NO 8 BIT - NO ERRORS

TEST FOR NO 8 BIT

SB 023A 8 AND 2 BIT UP

SB 023B 2 BIT UP

SB 023C 8 BIT UP

```

2 007 03341
2 001 03342
2 007 03349
2 001 03350
2 007 03357
2 001 03358

```

```

SB 023A
SB 023B
SB 023C

```

```

#####
03364 RCV U 12174 S174
03369 TMT 9 11649 7649
#####
03374 SPC 0 0000
03379 SET B 0000
03384 SET B 0255
03389 SET B 0008
03394 UNL 7 12429 S429
03399 TMC 0 11 3404 3M64
#####
03404 RCV U 12421 S421
03409 TZB 02 3419 34J9
03414 TR 1 3429
03419 TZB 04 3514 3V14
03424 TR 1 3474
03429 TZB 04 3454 3U54
#####
03434 TAA I 01 3499 34Z9
03439 SEL 2 0500
03444 WR R 3520
03449 TR 1 3489
#####
03454 TAA I 01 3499 34Z9
03459 SEL 2 0500
03464 WR R 3528
03469 TR 1 3489
#####
03474 TAA I 01 3499 34Z9
03479 SEL 2 0500
03484 WR R 3536
03489 TMC 0 11 3494 3MI4
03494 TRC 0 12 3499 3D99
03499 TAC I 03 3509 3589
03504 TR 1 3514
#####
03509 HLT J 0024
03514 TAB I 02 3364 3304
03519 TR 1 3549
#####

```

BANK 0

SET 8 SHOULD UNL 8 ZEROES ONLY SAC 8 U

TEST MEM POS 9 FOR NO ZERO  
TEST FOR NO 2 BIT

TEST FOR NO 8 BIT - NO ERRORS  
TEST FOR NO 8 BIT

SB 024A 8 AND 2 BIT UP

SB 024B 2 BIT UP

SB 024C 8 BIT UP

AG18

```

2 007 03526
2 001 03527
2 007 03534
2 001 03535
2 007 03542
2 001 03543

```

```

SB 024A
0
SB 024B
0
SB 024C
0

```

AG17 ps 7s 001

```

03549 RCV U 12174 S174
03554 TMT 9 11649 7649
03559 SPC 0000
03564 SET B 0000
03569 SET B 0255
03574 SET B 0016
03579 UNL 7 12429 S429
03584 TMC O 11 3589 3NH9
03589 RCV U 12413 S413
03594 TZB 02 3604 36-4
03599 TR 1 3614
03604 TZB 04 3699 3W99
03609 TR 1 3659
03614 TZB 04 3639 3W39
03619 TAA I 01 3684 36Y4
03624 SEL 2 0500
03629 WR R 3705
03634 TR 1 3674
03639 TAA I 01 3684 36Y4
03644 SEL 2 0500
03649 WR R 3713
03654 TR 1 3674
03659 TAA I 01 3684 36Y4
03664 SEL 2 0500
03669 WR R 3721
03674 TMC O 11 3679 30G9
03679 TRC O 12 3684 3F84
03684 TAC I 03 3694 36I4
03689 TR 1 3699
03694 HLT J 0025
03699 TAB I 02 3549 35M9
03704 TR 1 3734 AH19

```

BANK 0

SET 16 SAC 16 U  
SHOULD UNL 16 ZEROES ONLY

TEST MEM POS 17 FOR NO ZERO  
TEST FOR NO 2 BIT

TEST FOR NO 8 BIT - NO ERRORS

TEST FOR NO 8 BIT

SB 025A 8 AND 2 BIT UP

SB 025B 2 BIT UP

SB 025C 8 BIT UP

```

2 007 03711
2 001 03712
2 007 03719
2 001 03720
2 007 03727
2 001 03728

```

```

SB 025A
SB 025B
SB 025C

```

```

#####
H18,001,4796 03734 RCV U 12174 S174
I 03739 TMT 9 11649 7649
I
I 03744 SPC 4 0000
I 03749 SET B 0000
I 03754 SET B 0255
I 03759 SET B 0032
I 03764 UNL 7 12429 S429
I 03769 TMC 0 11 3774 3PG4
I
I 03774 RCV U 12397 S397
I 03779 TZB 02 3789 37Q9
I 03784 TR 1 3799
I 03789 TZB 04 3884 3Y84
I 03794 TR 1 3844
I 03799 TZB 04 3824 3Y24
#####
I
I 03804 TAA I 01 3869 38W9
I 03809 SEL 2 0500
I 03814 WR R 3890
I 03819 TR 1 3859
#####
I
I 03824 TAA I 01 3869 38W9
I 03829 SEL 2 0500
I 03834 WR R 3898
I 03839 TR 1 3859
#####
I
I 03844 TAA I 01 3869 38W9
I 03849 SEL 2 0500
I 03854 WR R 3906
I 03859 TMC 0 11 3864 3QF4
I 03864 TRC 0 12 3869 3H69
I 03869 TAC I 03 3879 38G9
I 03874 TR 1 3884
I
I 03879 HLT J 0026
I 03884 TAB I 02 3734 37L4
I 03889 TR 1 3919
#####

```

BANK 0

SET 32 SHOULD UNL 32 ZEROES ONLY SAC 32 U

TEST MEM POS 33 FOR NO ZERO TEST FOR NO 2 BIT

TEST FOR NO 8 BIT - NO ERRORS

TEST FOR NO 8 BIT

SB 026A

8 AND 2 BIT UP

SB 026B

2 BIT UP

SB 026C

8 BIT UP

AJ20

```

2 007 03896
2 001 03897
2 007 03904
2 001 03905
2 007 03912
2 001 03913

```

```

SB 026A
SB 026B
SB 026C

```

```

03919 RCV U 12174 S174
03924 TMT 9 11649 /649
03929 SPC 0000
03934 SET B 0000
03939 SET B 0255
03944 SET B 0064
03949 UNL 7 12429 S429
03954 TMC 0 11 3959 3RE9
03959 RCV U 12365 S365
03964 TZB 02 3974 39P4
03969 TR 1 3984
03974 TZB 04 4069 4 69
03979 TR 1 4029
03984 TZB 04 4009 4 09
03989 TAA I 01 4054 40V4
03994 SEL 2 0500
03999 WR R 4075
04004 TR 1 4044
04009 TAA I 01 4054 40V4
04014 SEL 2 0500
04019 WR R 4083
04024 TR 1 4044
04029 TAA I 01 4054 40V4
04034 SEL 2 0500
04039 WR R 4091
04044 TMC 0 11 4049 4 09
04049 TRC 0 12 4054 4 54
04054 TAC I 03 4064 40F4
04059 TR 1 4069
04064 HLT J 0027
04069 TAB I 02 3919 39J9
04074 TR 1 4104

```

BANK 0

SET 64 SAC 64 U  
SHOULD UNL 64 ZEROES ONLY

TEST MEM POS 65 FOR NO ZERO  
TEST FOR NO 2 BIT

TEST FOR NO 8 BIT - NO ERRORS  
TEST FOR NO 8 BIT

SB 027A 8 AND 2 BIT UP

SB 027B 2 BIT UP

SB 027C 8 BIT UP

AK21

```

2 007 04081
2 001 04082
2 007 04089
2 001 04090
2 007 04097
2 001 04098

```

```

SB 027A
SB 027B
SB 027C

```



```

04104 RCV U 12174 S174
04109 TMT 9 11649 7649
04114 SPC 0000
04119 SET B 0000
04124 SET B 0255
04129 SET B 0128
04134 UNL 7 12429 S429
04139 TMC 0 11 4144 4JD4
04144 RCV U 12301 S301
04149 TZB 02 4159 41N9
04154 TR 1 4169
04159 TZB 04 4254 4S54
04164 TR 1 4214
04169 TZB 04 4194 4794
04174 TAA I 01 4239 42T9
04179 SEL 2 0500
04184 WR R 4260
04189 TR 1 4229
04194 TAA I 01 4239 42T9
04199 SEL 2 0500
04204 WR R 4268
04209 TR 1 4229
04214 TAA I 01 4239 42T9
04219 SEL 2 0500
04224 WR R 4276
04229 TMC 0 11 4234 4KC4
04234 TRC 0 12 4239 4B39
04239 TAC I 03 4249 42D9
04244 TR 1 4254
04249 HLT J 0028
04254 TAB I 02 4104 41-4
04259 TR 1 4289

```

BANK 0

SET 128 SAC 128 U  
SHOULD UNL 128 ZEROES ONLY

TEST MEM POS 129 FOR NO ZERO  
TEST FOR NO 2 BIT

TEST FOR NO 8 BIT - NO ERRORS

TEST FOR NO 8 BIT

SB 028A 8 AND 2 BIT UP

SB 028B 2 BIT UP

SB 028C 8 BIT UP

```

2 007 04266 SB 028A
2 001 04267
2 007 04274 SB 028B
2 001 04275
2 007 04282 SB 028C
2 001 04283

```

```

AL22.....04289 RCV U 12174 S174
04294 TMT 9 11649 7649
04299 SPC 0000
04304 SET B 0000
04309 SET B 0257
04314 UNL 7 12429 S429
04319 TMC 0 11 4324 4LB4
04324 RCV U 12428 S428
04329 TZB 02 4339 43L9
04334 TR 1 4349
04339 TZB 04 4434 4U34
04344 TR 1 4394
04349 TZB 04 4374 4T74

```

BANK 0

SET 257 SAC 1 WRAP AROUND  
SHOULD UNL 1 ZERO ONLY

TEST MEM POS 2 FOR NO ZERO  
TEST FOR NO 2 BIT

TEST FOR NO 8 BIT - NO ERRORS

TEST FOR NO 8 BIT

NEXT PAGE

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```

04354 TAA I 01 4419 44/9
04359 SEL 2 0500
04364 WR R 4440
04369 TR 1 4409

```

SB 029A 8 AND 2 BIT UP

AM21

```

04374 TAA I 01 4419 44/9
04379 SEL 2 0500
04384 WR R 4448
04389 TR 1 4409

```

SB 029B 2 BIT UP

AN21

```

04394 TAA I 01 4419 44/9
04399 SEL 2 0500
04404 WR R 4456
04409 TMC O 11 4414 4MA4
04414 TRC O 12 4419 4D19
04419 TAC I 03 4429 44B9
04424 TR 1 4434

```

SB 029C 8 BIT UP

AP21

```

04429 HLT J 0029
04434 TAB I 02 4289 42Q9
04439 TR 1 4469

```

AL21

```

2 007 04446 SB 029A
2 001 04447
2 007 04454 SB 029B
2 001 04455
2 007 04462 SB 029C
2 001 04463

```

AQ23

```

04469 RCV U 12174 S174
04474 TMT 9 11649 7649
04479 SPC 0000
04484 SET B 0000
04489 SET B 0258
04494 UNL 7 12429 S429
04499 TMC O 11 4504 4N&4
04504 RCV U 12427 S427
04509 TZB 02 4519 45J9
04514 TR 1 4529
04519 TZB 04 4614 4W14
04524 TR 1 4574
04529 TZB 04 4554 4V54

```

BANK 0  
 SET 258 SAC 2 WRAP AROUND  
 SHOULD UNL 2 ZEROES ONLY  
 TEST MEM POS -3 FOR NO ZERO  
 TEST FOR NO 2 BIT  
 TEST FOR NO 8 BIT - NO ERRORS  
 TEST FOR NO 8 BIT

```

04534 TAA I 01 4599 45Z9
04539 SEL 2 0500
04544 WR R 4620
04549 TR 1 4589

```

SB 030A 8 AND 2 BIT UP

```

04554 TAA I 01 4599 45Z9
04559 SEL 2 0500
04564 WR R 4628
04569 TR 1 4589

```

SB 030B 2 BIT UP

```

R22.....0014798 04574 TAA I 01 4599 45Z9
04579 SEL 2 0500
04584 WR R 4636
AS22.....04589 TMC 0 11 4594 4NI4
04594 TRC 0 12 4599 4E99
T22.....04599 TAC I 03 4609 4689
04604 TR 1 4614
04609 HLT J 0030
U22.....04614 TAB I 02 4469 4409
04619 TR 1 4649

```

SB 030C

8 BIT UP

```

2 007 04626 SB 030A
2 001 04627
2 007 04634 SB 030B
2 001 04635
2 007 04642 SB 030C
2 001 04643

```

```

04649 RCV U 12174 S174
04654 TMT 9 11649 /649
04659 SPC 1000
04664 SET B 0000
04669 SET B 0255
04674 SET B 0001
04679 UNL 7 12429 S429
04684 TMC 0 11 4689 40H9
04689 RCV U 12428 S428
04694 TZB 02 4704 47-4
04699 TR 1 4714
04704 TZB 04 4799 4X99
04709 TR 1 4759
04714 TZB 04 4739 4X39
04719 TAA I 01 4784 47Y4
04724 SEL 2 0500
04729 WR R 4805
04734 TR 1 4774
04739 TAA I 01 4784 47Y4
04744 SEL 2 0500
04749 WR R 4813
04754 TR 1 4774
04759 TAA I 01 4784 47Y4
04764 SEL 2 0500
04769 WR R 4821
04774 TMC 0 11 4779 4PG9
04779 TRC 0 12 4784 4G84
04784 TAC I 03 4794 4714
04789 TR 1 4799
04794 HLT J 0031
04799 TAB I 02 4649 46M9
04804 TR 1 4834

```

BANK 1

SET 1 SHOULD UNL 1 ZERO SAC ONLY 1 U

TEST MEM POS 2 FOR NO ZERO  
TEST FOR NO 2 BIT

TEST FOR NO 8 BIT - NO ERRORS

TEST FOR NO 8 BIT

SB 031A

8 AND 2 BIT UP

SB 031B

2 BIT UP

SB 031C

8 BIT UP

AV24

```

scans/900 2 007 04811 SB 031A
           2 001 04812
           2 007 04819 SB 031B
           2 001 04820
           2 007 04827 SB 031C
           2 001 04828

```

```

AV23..... 04834 RCV U 12174 S174
I 04839 TMT 9 11649 /649
I
I 04844 SPC , 1000
I 04849 SET B 0000
I 04854 SET B 0255
I 04859 SET B 0002
I 04864 UNL 7 12429 S429
I 04869 TMC 0 11 4874 4QG4
I
I 04874 RCV U 12427 S427
I 04879 TZB . 02 4889 48Q9
I 04884 TR 1 4899
I 04889 TZB . 04 4984 4Z84
I 04894 TR 1 4944
I 04899 TZB . 04 4924 4Z24
I
I 04904 TAA I 01 4969 49W9
I 04909 SEL 2 0500
I 04914 WR R 4990
I 04919 TR 1 4959
I
I 04924 TAA I 01 4969 49W9
I 04929 SEL 2 0500
I 04934 WR R 4998
I 04939 TR 1 4959
I
I 04944 TAA I 01 4969 49W9
I 04949 SEL 2 0500
I 04954 WR R 5006
I 04959 TMC 0 11 4964 4RF4
I 04964 TRC 0 12 4969 4I69
I 04969 TAC I 03 4979 49G9
I 04974 TR 1 4984
I
I 04979 HLT J 0032
I 04984 TAB I 02 4834 48L4
I 04989 TR 1 5019

```

BANK 1

SET 2 SHOULD UNL 2 ZEROES ONLY SAC 2 U

TEST MEM POS 3 FOR NO ZERO  
TEST FOR NO 2 BIT

TEST FOR NO 8 BIT - NO ERRORS

TEST FOR NO 8 BIT

SB 032A 8 AND 2 BIT UP

SB 032B 2 BIT UP

SB 032C 8 BIT UP

```

2 007 04996 SB 032A
2 001 04997
2 007 05004 SB 032B
2 001 05005
2 007 05012 SB 032C
2 001 05013

```

```

W2480014799
05019 RCV U 12174 S174
05024 TMT 9 11649 /649
05029 SPC 1000
05034 SET B 0000
05039 SET B 0255
05044 SET B 0004
05049 UNL 7 12429 S429
05054 TMC 0 11 5059 5-E9
05059 RCV U 12425 S425
05064 TZB 02 5074 50P4
05069 TR 1 5084
05074 TZB 04 5169 5/69
05079 TR 1 5129
05084 TZB 04 5109 5/09
05089 TAA I 01 5154 51V4
05094 SEL 2 0500
05099 WR R 5175
05104 TR 1 5144
05109 TAA I 01 5154 51V4
05114 SEL 2 0500
05119 WR R 5183
05124 TR 1 5144
05129 TAA I 01 5154 51V4
05134 SEL 2 0500
05139 WR R 5191
05144 TMC 0 11 5149 5JD9
05149 TRC 0 12 5154 5A54
05154 TAC I 03 5164 51F4
05159 TR 1 5169
05164 HLT J 0033
05169 TAB I 02 5019 50J9
05174 TR 1 5204
AX26

```

BANK 1

SET 4 SHOULD UNL 4 ZEROES ONLY SAC 4 U

TEST MEM POS 5 FOR NO ZERO TEST FOR NO 2 BIT

TEST FOR NO 8 BIT - NO ERRORS

TEST FOR NO 8 BIT

SB 033A 8 AND 2 BIT UP

SB 033B 2 BIT UP

SB 033C 8 BIT UP

```

2 007 05181
2 001 05182
2 007 05189
2 001 05190
2 007 05197
2 001 05198

```

```

SB 033A
SB 033B
SB 033C

```

AX25  
Scans 790143

```

05204 RCV U 12174 S174
05209 TMT 9 11649 7649
05214 SPC 1000
05219 SET B 0000
05224 SET BB 0255
05229 SET BB 0008
05234 UNL 7 12429 S429
05239 TMC O 11 5244 5KD4
05244 RCV U 12421 S421
05249 TZB 02 5259 52N9
05254 TR 1 5269
05259 TZB 04 5354 5T54
05264 TR 1 5314
05269 TZB 04 5294 5S94
05274 TAA I 01 5339 53T9
05279 SEL 2 0500
05284 WR R 5360
05289 TR 1 5329
05294 TAA I 01 5339 53T9
05299 SEL 2 0500
05304 WR R 5368
05309 TR 1 5329
05314 TAA I 01 5339 53T9
05319 SEL 2 0500
05324 WR R 5376
05329 TMC O 11 5334 5LC4
05334 TRC O 12 5339 5C39
05339 TAC I 03 5349 53D9
05344 TR 1 5354
05349 HLT J 0034
05354 TAB I 02 5204 52-4
05359 TR 1 5389

```

BANK 1

SET 8 SHOULD UNL 8 ZEROES ONLY SAC 8 U

TEST MEM POS 9 FOR NO ZERO  
TEST FOR NO 2 BIT

TEST FOR NO 8 BIT - NO ERRORS

TEST FOR NO 8 BIT

SB 034A 8 AND 2 BIT UP

SB 034B 2 BIT UP

SB 034C 8 BIT UP

AY27

```

2 007 05366 SB 034A
2 001 05367
2 007 05374 SB 034B
2 001 05375
2 007 05382 SB 034C
2 001 05383

```

9 726 001480

```

#####
P05389 RCV U      12174 S174  □
□ 05394 TMT 9      11649 /649  □
#####
□ 05399 SPC  ,      1000      □
□ 05404 SET  B      0000      □
□ 05409 SET  B      0255      □
□ 05414 SET  B      0016      □
□ 05419 UNL  7      12429 S429  □
□ 05424 TMC  0 11   5429  5MB9  □
#####
□ 05429 RCV  U      12413 S413  □
□ 05434 TZB  . 02   5444  54M4  □
□ 05439 TR   1      5454      □
□ 05444 TZB  . 04   5539  5V39  □
□ 05449 TR   1      5499      □
□ 05454 TZB  . 04   5479  5U79  □
#####
□ 05459 TAA  I 01   5524  55S4  □
□ 05464 SEL  2      0500      □
□ 05469 WR   R      5545      □
□ 05474 TR   1      5514      □
#####
□ 05479 TAA  I 01   5524  55S4  □
□ 05484 SEL  2      0500      □
□ 05489 WR   R      5553      □
□ 05494 TR   1      5514      □
#####
□ 05499 TAA  I 01   5524  55S4  □
□ 05504 SEL  2      0500      □
□ 05509 WR   R      5561      □
□ 05514 TMC  0 11   5519  5NA9  □
□ 05519 TRC  0 12   5524  5E24  □
□ 05524 TAC  I 03   5534  55C4  □
□ 05529 TR   1      5539      □
#####
□ 05534 HLT  J      0035      □
□ 05539 TAB  I 02   5389  53Q9  □
□ 05544 TR   1      5574      □
#####

```

BANK 1

SET 16 SAC 16 U  
SHOULD UNL 16 ZEROES ONLY

TEST MEM POS 17 FOR NO ZERO  
TEST FOR NO 2 BIT

TEST FOR NO 8 BIT - NO ERRORS

TEST FOR NO 8 BIT

SB 035A 8 AND 2 BIT UP

SB 035B 2 BIT UP

SB 035C 8 BIT UP

AZ28

```

2 007 05551 SB 035A
2 001 05552 □
2 007 05559 SB 035B
2 001 05560 □
2 007 05567 SB 035C
2 001 05568 □

```

```

AZZms/s001 0205574 RCV U 12174 S174
I 05579 TMT 9 11649 7649
I 05584 SPC 1000
I 05589 SET B 0000
I 05594 SET B 0255
I 05599 SET B 0032
I 05604 UNL 7 12429 S429
I 05609 TMC 0 11 5614 50A4
I 05614 RCV U 12397 S397
I 05619 TZB 02 5629 56K9
I 05624 TR 1 5639
I 05629 TZB 04 5724 5X24
I 05634 TR 1 5684
I 05639 TZB 04 5664 5W64
I 05644 TAA I 01 5709 57 9
I 05649 SEL 2 0500
I 05654 WR R 5730
I 05659 TR 1 5699
I 05664 TAA I 01 5709 57 9
I 05669 SEL 2 0500
I 05674 WR R 5738
I 05679 TR 1 5699
I 05684 TAA I 01 5709 57 9
I 05689 SEL 2 0500
I 05694 WR R 5746
I 05699 TMC 0 11 5704 5P64
I 05704 TRC 0 12 5709 5G09
I 05709 TAC I 03 5719 57A9
I 05714 TR 1 5724
I 05719 HLT J 0036
I 05724 TAB I 02 5574 55P4
I 05729 TR 1 5759

```

BANK 1

SET 32 SAC 32 U  
SHOULD UNL 32 ZEROES ONLY

TEST MEM POS 33 FOR NO ZERO  
TEST FOR NO 2 BIT

TEST FOR NO 8 BIT - NO ERRORS

TEST FOR NO 8 BIT

SB 036A 8 AND 2 BIT UP

SB 036B 2 BIT UP

SB 036C 8 BIT UP

BA29

```

2 007 05736 SB 036A
2 001 05737
2 007 05744 SB 036B
2 001 05745
2 007 05752 SB 036C
2 001 05753

```



```

#####
05759 RCV U 12174 S174
05764 TMT 9 11649 7649
#####
05769 SPC 1000
05774 SET B 0000
05779 SET B 0255
05784 SET B 0064
05789 UNL 7 12429 S429
05794 TMC O 11 5799 5PI9
#####
05799 RCV U 12365 S365
05804 TZB 02 5814 58J4
05809 TR 1 5824
05814 TZB 04 5909 5Z09
05819 TR 1 5869
05824 TZB 04 5849 5Y49
#####
05829 TAA I 01 5894 58Z4
05834 SEL 2 0500
05839 WR R 5915
05844 TR 1 5884
#####
05849 TAA I 01 5894 58Z4
05854 SEL 2 0500
05859 WR R 5923
05864 TR 1 5884
#####
05869 TAA I 01 5894 58Z4
05874 SEL 2 0500
05879 WR R 5931
05884 TMC O 11 5889 5QH9
05889 TRC O 12 5894 5H94
05894 TAC I 03 5904 5964
05899 TR 1 5909
#####
05904 HLT J 0037
05909 TAB I 02 5759 57N9
05914 TR 1 5944
#####

```

BANK 1

SET 64 SAC 64 U  
SHOULD UNL 64 ZEROES ONLY

TEST MEM POS 65 FOR NO ZERO  
TEST FOR NO 2 BIT

TEST FOR NO 8 BIT - NO ERRORS  
TEST FOR NO 8 BIT

SB 037A 8 AND 2 BIT UP

SB 037B 2 BIT UP

SB 037C 8 BIT UP

BB30

```

2 007 05921 SB 037A
2 001 05922
2 007 05929 SB 037B
2 001 05930
2 007 05937 SB 037C
2 001 05938

```

```

00149305944 RCV U 12174 S174
05949 TMT 9 11649 /649
05954 SPC 1000
05959 SET B 0000
05964 SET B 0255
05969 SET B 0128
05974 UNL 7 12429 S429
05979 TMC O 11 5984 5RH4
05984 RCV U 12301 S301
05989 TZB . 02 5999 59R9
05994 TR 1 6009
05999 TZB . 04 6094 6 94
06004 TR 1 6054
06009 TZB . 04 6034 6 34
06014 TAA I 01 6079 60X9
06019 SEL 2 0500
06024 WR R 6100
06029 TR 1 6069
06034 TAA I 01 6079 60X9
06039 SEL 2 0500
06044 WR R 6108
06049 TR 1 6069
06054 TAA I 01 6079 60X9
06059 SEL 2 0500
06064 WR R 6116
06069 TMC O 11 6074 6-G4
06074 TRC O 12 6079 6879
06079 TAC I 03 6089 60H9
06084 TR 1 6094
06089 HLT J 0038
06094 TAB I 02 5944 59M4
06099 TR 1 6129

```

BANK 1

SET 128 SAC 128 U  
SHOULD UNL 128 ZEROES ONLY

TEST MEM POS 129 FOR NO ZERO  
TEST FOR NO 2 BIT

TEST FOR NO 8 BIT - NO ERRORS

TEST FOR NO 8 BIT

SB 038A 8 AND 2 BIT UP

SB 038B 2 BIT UP

SB 038C 8 BIT UP

```

2 007 06106 SB 038A
2 001 06107
2 007 06114 SB 038B
2 001 06115
2 007 06122 SB 038C
2 001 06123

```

```

BC31.....06129 RCV U 12174 S174
06134 TMT 9 11649 /649
06139 SPC 1000
06144 SET B 0000
06149 SET B 0260
06154 UNL 7 12429 S429
06159 TMC O 11 6164 6JF4
06164 RCV U 12425 S425
06169 TZB . 02 6179 61P9
06174 TR 1 6189
06179 TZB . 04 6274 6S74
06184 TR 1 6234
06189 TZB . 04 6214 6S14

```

BANK 1

SET 260 SAC 4 WRAP AROUND  
SHOULD UNL 4 ZEROES ONLY

TEST MEM POS 5 FOR NO ZERO  
TEST FOR NO 2 BIT

TEST FOR NO 8 BIT - NO ERRORS

TEST FOR NO 8 BIT

NEXT PAGE

ans/g001480

```

06194 TAA I 01 6259 62V9
06199 SEL 2 0500
06204 WR R 6280
06209 TR 1 6249

```

SB 039A 8 AND 2 BIT UP

BD30

```

06214 TAA I 01 6259 62V9
06219 SEL 2 0500
06224 WR R 6288
06229 TR 1 6249

```

SB 039B 2 BIT UP

BE30

```

06234 TAA I 01 6259 62V9
06239 SEL 2 0500
06244 WR R 6296
06249 TMC O 11 6254 6KE4
06254 TRC O 12 6259 6B59
06259 TAC I 03 6269 62F9
06264 TR 1 6274

```

SB 039C 8 BIT UP

BF30

```

06269 HLT J
06274 TAB I 02 6129 61K9
06279 TR 1 6309

```

BC30

```

2 007 06286 SB 039A
2 001 06287
2 007 06294 SB 039B
2 001 06295
2 007 06302 SB 039C
2 001 06303

```

BG32

```

06309 RCV U 12174 S174
06314 TMT 9 11649 /649
06319 SPC 1000
06324 SET B 0000
06329 SET B 0264
06334 UNL 7 12429 S429
06339 TMC O 11 6344 6LD4
06344 RCV U 12421 S421
06349 TZB 02 6359 63N9
06354 TR 1 6369
06359 TZB 04 6454 6U54
06364 TR 1 6414
06369 TZB 04 6394 6T94

```

BANK 1  
SET 264 SAG 8 WRAP AROUND  
SHOULD UNL 8 ZEROES ONLY

TEST MEM POS 9 FOR NO ZERO  
TEST FOR NO 2 BIT  
TEST FOR NO 8 BIT - NO ERRORS  
TEST FOR NO 8 BIT

```

06374 TAA I 01 6439 64T9
06379 SEL 2 0500
06384 WR R 6460
06389 TR 1 6429

```

BK32  
BJ32  
SB 040A 8 AND 2 BIT UP

```

06394 TAA I 01 6439 64T9
06399 SEL 2 0500
06404 WR R 6468
06409 TR 1 6429

```

SB 040B 2 BIT UP

```

001 06414 TAA I 01 6439 64T9
06419 SEL 2 0500
06424 WR R 6476
J31 06429 TMC O 11 6434 6MC4
06434 TRC O 12 6439 6D39
K31 06439 TAC I 03 6449 64D9
06444 TR 1 6454
06449 HLT J 0040
31 06454 TAB I 02 6309 63-9
06459 TR 1 6489

```

SB 040C 8 BIT UP

```

2 007 06466 SB 040A
2 001 06467
2 007 06474 SB 040B
2 001 06475
2 007 06482 SB 040C
2 001 06483

```

```

06489 RCV U 12174 S174
06494 TMT 9 11649 /649
06499 SPC 2000
06504 SET B 0000
06509 SET B 0255
06514 SET B 0001
06519 UNL 7 12429 S429
06524 TMC O 11 6529 6NB9
06529 RCV U 12428 S428
06534 TZB 02 6544 65M4
06539 TR 1 6554
06544 TZB 04 6639 6W39
06549 TR 1 6599
06554 TZB 04 6579 6V79
06559 TAA I 01 6624 66S4
06564 SEL 2 0500
06569 WR R 6645
06574 TR 1 6614
06579 TAA I 01 6624 66S4
06584 SEL 2 0500
06589 WR R 6653
06594 TR 1 6614
06599 TAA I 01 6624 66S4
06604 SEL 2 0500
06609 WR R 6661
06614 TMC O 11 6619 60A9
06619 TRC O 12 6624 6F24
06624 TAC I 03 6634 66C4
06629 TR 1 6639
06634 HLT J 0041
06639 TAB I 02 6489 64Q9
06644 TR 1 6674

```

BANK 2

SET 1 SHOULD UNL 1 ZERO SAC ONLY 1

TEST MEM POS 2 FOR NO ZERO TEST FOR NO 2 BIT

TEST FOR NO 8 BIT - NO ERRORS

TEST FOR NO 8 BIT

SB 041A 8 AND 2 BIT UP

SB 041B 2 BIT UP

SB 041C 8 BIT UP

BM33

ns/g021 007 06651  
 2 001 06652  
 2 007 06659  
 2 001 06660  
 2 007 06667  
 2 001 06668

SB 041A  
 □  
 SB 041B  
 □  
 SB 041C  
 □

M32

```

  06674 RCV U      12174 S174 □
  06679 TMT 9      11649 /649 □
  06684 SPC  2000
  06689 SET B      0000
  06694 SET BB     0255
  06699 SET BB     0002
  06704 UNL 7      12429 S429 □
  06709 TMC 0 11   6714 6PA4 □
  06714 RCV U      12427 S427 □
  06719 TZB  02    6729 67K9 □
  06724 TR  1      6739
  06729 TZB  04    6824 6Y24 □
  06734 TR  1      6784
  06739 TZB  04    6764 6X64 □
  06744 TAA I 01   6809 68 9 □
  06749 SEL 2      0500
  06754 WR  R      6830
  06759 TR  1      6799
  06764 TAA I 01   6809 68 9 □
  06769 SEL 2      0500
  06774 WR  R      6838
  06779 TR  1      6799
  06784 TAA I 01   6809 68 9 □
  06789 SEL 2      0500
  06794 WR  R      6846
  06799 TMC 0 11   6804 6Q64 □
  06804 TRC 0 12   6809 6H09 □
  06809 TAC I 03   6819 68A9 □
  06814 TR  1      6824
  06819 HLT J      0042
  06824 TAB I 02   6674 66P4 □
  06829 TR  1      6859
  
```

BANK 2

SET 2  
 SHOULD UNL 2 ZEROES ONLY SAC 2 U

TEST MEM POS 3 FOR NO ZERO  
 TEST FOR NO 2 BIT

TEST FOR NO 8 BIT - NO ERRORS

TEST FOR NO 8 BIT

SB 042A

8 AND 2 BIT UP

SB 042B

2 BIT UP

SB 042C

8 BIT UP

BN34

2 007 06836  
 2 001 06837  
 2 007 06844  
 2 001 06845  
 2 007 06852  
 2 001 06853

SB 042A  
 □  
 SB 042B  
 □  
 SB 042C  
 □

0001498899

```

06859 RCV U 12174 S174
06864 TMT 9 11649 /649
06869 SPC 2000
06874 SET B 0000
06879 SET B 0255
06884 SET B 0004
06889 UNL 7 12429 S429
06894 TMC 0 11 6899 6QI9
06899 RCV U 12425 S425
06904 TZB 02 6914 69J4
06909 TR 1 6924
06914 TZB 04 7009 7 09
06919 TR 1 6969
06924 TZB 04 6949 6Z49
06929 TAA I 01 6994 69Z4
06934 SEL 2 0500
06939 WR R 7015
06944 TR 1 6984
06949 TAA I 01 6994 69Z4
06954 SEL 2 0500
06959 WR R 7023
06964 TR 1 6984
06969 TAA I 01 6994 69Z4
06974 SEL 2 0500
06979 WR R 7031
06984 TMC 0 11 6989 6RH9
06989 TRC 0 12 6994 6I94
06994 TAC I 03 7004 7064
06999 TR 1 7009
07004 HLT J 0043
07009 TAB I 02 6859 68N9
07014 TR 1 7044

```

BANK 2

SET 4 SAC 4 U  
SHOULD UNL 4 ZEROES ONLY

TEST MEM POS 5 FOR NO ZERO  
TEST FOR NO 2 BIT

TEST FOR NO 8 BIT - NO ERRORS

TEST FOR NO 8 BIT

SB 043A 8 AND 2 BIT UP

SB 043B 2 BIT UP

SB 043C 8 BIT UP

BP35

```

2 007 07021 SB 043A
2 001 07022
2 007 07029 SB 043B
2 001 07030
2 007 07037 SB 043C
2 001 07038

```

```

BR34 001 2804 07044 RCV U 12174 S174
07049 TMT 9 11649 7649
07054 SPC 2000
07059 SET B 0000
07064 SET B 0255
07069 SET B 0008
07074 UNL 7 12429 S429
07079 TMC 0 11 7084 7-H4
07084 RCV U 12421 S421
07089 TZB 02 7099 70R9
07094 TR 1 7109
07099 TZB 04 7194 7/94
07104 TR 1 7154
07109 TZB 04 7134 7/34
07114 TAA I 01 7179 71X9
07119 SEL 2 0500
07124 WR R 7200
07129 TR 1 7169
07134 TAA I 01 7179 71X9
07139 SEL 2 0500
07144 WR R 7208
07149 TR 1 7169
07154 TAA I 01 7179 71X9
07159 SEL 2 0500
07164 WR R 7216
07169 TMC 0 11 7174 7JG4
07174 TRC 0 12 7179 7A79
07179 TAC I 03 7189 71H9
07184 TR 1 7194
07189 HLT J 0044
07194 TAB I 02 7044 70M4
07199 TR 1 7229

```

BANK 2

SET 8 SHOULD UNL 8 ZEROS ONLY SAC 8 U

TEST MEM POS 9 FOR NO ZERO  
TEST FOR NO 2 BIT

TEST FOR NO 8 BIT - NO ERRORS

TEST FOR NO 8 BIT

SB 044A 8 AND 2 BIT UP

SB 044B 2 BIT UP

SB 044C 8 BIT UP

BQ36

```

2 007 07206
2 001 07207
2 007 07214
2 001 07215
2 007 07222
2 001 07223

```

```

SB 044A
SB 044B
SB 044C

```

```

035 ans/s 000400 07229 RCV U 12174 S174
I 07234 TMT 9 11649 /649
I 07239 SPC 2000
I 07244 SET B 0000
I 07249 SET B 0255
I 07254 SET B 0016
I 07259 UNL 7 12429 S429
I 07264 TMC 0 11 7269 7KF9
I 07269 RCV U 12413 S413
I 07274 TZB 1 02 7284 72Q4
I 07279 TR 1 7294
I 07284 TZB 1 04 7379 7T79
I 07289 TR 1 7339
I 07294 TZB 1 04 7319 7T19
I 07299 TAA I 01 7364 73W4
I 07304 SEL 2 0500
I 07309 WR R 7385
I 07314 TR 1 7354
I 07319 TAA I 01 7364 73W4
I 07324 SEL 2 0500
I 07329 WR R 7393
I 07334 TR 1 7354
I 07339 TAA I 01 7364 73W4
I 07344 SEL 2 0500
I 07349 WR R 7401
I 07354 TMC 0 11 7359 7LE9
I 07359 TRC 0 12 7364 7C64
I 07364 TAC I 03 7374 73G4
I 07369 TR 1 7379
I 07374 HLT J 0045
I 07379 TAB I 02 7229 72K9
I 07384 TR 1 7414 BR37

```

BANK 2

SET 16 SHOULD UNL 16 ZEROES ONLY SAC 16 U

TEST MEM POS 17 FOR NO ZERO  
TEST FOR NO 2 BIT

TEST FOR NO 8 BIT - NO ERRORS

TEST FOR NO 8 BIT

SB 045A 8 AND 2 BIT UP

SB 045B 2 BIT UP

SB 045C 8 BIT UP

```

2 007 07391 SB 045A
2 001 07392
2 007 07399 SB 045B
2 001 07400
2 007 07407 SB 045C
2 001 07408

```



```

07414 RCV U 12174 S174
07419 TMT 9 11649 7649
07424 SPC 2000
07429 SET BB 0000
07434 SET BB 0255
07439 SET BB 0032
07444 UNL 7 12429 S429
07449 TMC 0 11 7454 7ME4
07454 RCV U 12397 S397
07459 TZB 02 7469 7409
07464 TR 1 7479
07469 TZB 04 7564 7V64
07474 TR 1 7524
07479 TZB 04 7504 7V04
07484 TAA I 01 7549 75U9
07489 SEL 2 0500
07494 WR R 7570
07499 TR 1 7539
07504 TAA I 01 7549 75U9
07509 SEL 2 0500
07514 WR R 7578
07519 TR 1 7539
07524 TAA I 01 7549 75U9
07529 SEL 2 0500
07534 WR R 7586
07539 TMC 0 11 7544 7ND4
07544 TRC 0 12 7549 7E49
07549 TAC I 03 7559 75E9
07554 TR 1 7564
07559 HLT J 0046
07564 TAB I 02 7414 74J4
07569 TR 1 7599

```

BANK 2

SET 32 SHOULD UNL 32 ZEROES ONLY SAC 32 U

TEST MEM POS 33 FOR NO ZERO  
TEST FOR NO 2 BIT

TEST FOR NO 8 BIT - NO ERRORS

TEST FOR NO 8 BIT

SB 046A 8 AND 2 BIT UP

SB 046B 2 BIT UP

SB 046C 8 BIT UP

```

2 007 07576
2 001 07577
2 007 07584
2 001 07585
2 007 07592
2 001 07593

```

```

SB 046A
SB 046B
SB 046C

```

BS38

8S37  
yscans/g001420

```

07599 RCV U 12174 S174
07604 TMT 9 11649 /649
07609 SPC 2000
07614 SET B 0000
07619 SET B 0255
07624 SET B 0064
07629 UNL 7 12429 S429
07634 TMC O 11 7639 70C9
07639 RCV U 12365 S365
07644 TZB 02 7654 76N4
07649 TR 1 7664
07654 TZB 04 7749 7X49
07659 TR 1 7709
07664 TZB 04 7689 7W89
07669 TAA I 01 7734 77T4
07674 SEL 2 0500
07679 WR R 7755
07684 TR 1 7724
07689 TAA I 01 7734 77T4
07694 SEL 2 0500
07699 WR R 7763
07704 TR 1 7724
07709 TAA I 01 7734 77T4
07714 SEL 2 0500
07719 WR R 7771
07724 TMC O 11 7729 7PB9
07729 TRC O 12 7734 7G34
07734 TAC I 03 7744 77D4
07739 TR 1 7749
07744 HLT J 0047
07749 TAB I 02 7599 75R9
07754 TR 1 7784

```

BANK 2

SET 64 SHOULD UNL 64 ZEROES ONLY SAC 64

TEST MEM POS 65 FOR NO ZERO  
TEST FOR NO 2 BIT

TEST FOR NO 8 BIT - NO ERRORS

TEST FOR NO 8 BIT

SB 047A 8 AND 2 BIT UP

SB 047B 2 BIT UP

SB 047C 8 BIT UP

BT39

```

2 007 07761 SB 047A
2 001 07762
2 007 07769 SB 047B
2 001 07770
2 007 07777 SB 047C
2 001 07778

```

9 138 001 4806

```

07784 RCV U 12174 S174
07789 TMT 9 11649 /649
07794 SPC , 2000
07799 SET B 0000
07804 SET B 0255
07809 SET B 0128
07814 UNL 7 12429 S429
07819 TMC 0 11 7824 7QB4
07824 RCV U 12301 S301
07829 TZB . 02 7839 78L9
07834 TR 1 7849
07839 TZB . 04 7934 7Z34
07844 TR 1 7894
07849 TZB . 04 7874 7Y74
07854 TAA I 01 7919 79/9
07859 SEL 2 0500
07864 WR R 7940
07869 TR 1 7909
07874 TAA I 01 7919 79/9
07879 SEL 2 0500
07884 WR R 7948
07889 TR 1 7909
07894 TAA I 01 7919 79/9
07899 SEL 2 0500
07904 WR R 7956
07909 TMC 0 11 7914 7RA4
07914 TRC 0 12 7919 7I19
07919 TAC I 03 7929 79B9
07924 TR 1 7934
07929 HLT J 0048
07934 TAB I 02 7784 77Q4
07939 TR 1 7969

```

BANK 2

SET 128 SAC 128  
SHOULD UNL 128 ZEROES ONLY

TEST MEM POS 129 FOR NO ZERO  
TEST FOR NO 2 BIT

TEST FOR NO 8 BIT - NO ERRORS

TEST FOR NO 8 BIT

SB 048A 8 AND 2 BIT UP

SB 048B 2 BIT UP

SB 048C 8 BIT UP

```

2 007 07946 SB 048A
2 001 07947
2 007 07954 SB 048B
2 001 07955
2 007 07962 SB 048C
2 001 07963

```

BU40

```

07969 RCV U 12174 S174
07974 TMT 9 11649 /649
07979 SPC , 2000
07984 SET B 0000
07989 SET B 0272
07994 UNL 7 12429 S429
07999 TMC 0 11 8004 8-84
08004 RCV U 12413 S413
08009 TZB . 02 8019 80J9
08014 TR 1 8029
08019 TZB . 04 8114 8/14
08024 TR 1 8074
08029 TZB . 04 8054 8 54

```

BANK 2

SET 272 SAC 16 WRAP AROUND  
SHOULD UNL 16 ZEROES ONLY

TEST MEM POS 17 FOR NO ZERO  
TEST FOR NO 2 BIT

TEST FOR NO 8 BIT - NO ERRORS

TEST FOR NO 8 BIT

NEXT PAGE

gscans/g001498  
 08039 TAA I 01 8099 80Z9  
 08039 SEL 2 0500  
 08044 WR R 8120  
 08049 TR 1 8089

SB 049A 8 AND 2 BIT UP

BV39.....  
 08054 TAA I 01 8099 80Z9  
 08059 SEL 2 0500  
 08064 WR R 8128  
 08069 TR 1 8089

SB 049B 2 BIT UP

BW39.....  
 08074 TAA I 01 8099 80Z9  
 08079 SEL 2 0500  
 08084 WR R 8136  
 08089 TMC O 11 8094 8-14  
 08094 TRC O 12 8099 8&99  
 08099 TAC I 03 8109 81&9  
 08104 TR 1 8114

SB 049C 8 BIT UP

BX39.....  
 08109 HLT J 0049  
 08114 TAB I 02 7969 7909  
 08119 TR 1 8149

BU39

2 007 08126 SB 049A  
 2 001 08127  
 2 007 08134 SB 049B  
 2 001 08135  
 2 007 08142 SB 049C  
 2 001 08143

BY41.....  
 08149 RCV U 12174 S174  
 08154 TMT 9 11649 /649  
 08159 SPC , 2000  
 08164 SET B 0000  
 08169 SET B 0288  
 08174 UNL 7 12429 S429  
 08179 TMC O 11 8184 8JH4  
 08184 RCV U 12397 S397  
 08189 TZB . 02 8199 81R9  
 08194 TR 1 8209  
 08199 TZB . 04 8294 8S94  
 08204 TR 1 8254  
 08209 TZB . 04 8234 8S34

BANK 2

SET 288 SAC 32 WRAP AROUND SHOULD UNL 32 ZEROES ONLY

TEST MEM POS 33 FOR NO ZERO TEST FOR NO 2 BIT

TEST FOR NO 8 BIT - NO ERRORS

TEST FOR NO 8 BIT

08214 TAA I 01 8279 82X9  
 08219 SEL 2 0500  
 08224 WR R 8300  
 08229 TR 1 8269

SB 050A 8 AND 2 BIT UP

08234 TAA I 01 8279 82X9  
 08239 SEL 2 0500  
 08244 WR R 8308  
 08249 TR 1 8269

SB 050B 2 BIT UP

```

08254 TAA I 01 8279 82X9
08259 SEL 2 0500
08264 WR R 8316
CA40 08269 TMC O 11 8274 8KG4
08274 IRC O 12 8279 8B79
B40 08279 TAC I 03 8289 82H9
08284 TR 1 8294
08289 HLT J 0050
C40 08294 TAB I 02 8149 81M9 ---BY40
08299 TR 1 8329

```

SB 050C 8 BIT UP

```

2 007 08306 SB 050A
2 001 08307
2 007 08314 SB 050B
2 001 08315
2 007 08322 SB 050C
2 001 08323

```

```

08329 RCV U 12174 S174
08334 TMT 9 11649 /649
08339 SPC 3000
08344 SET B 0000
08349 SET B 0255
08354 SET B 0001
08359 UNL 7 12429 S429
08364 TMC O 11 8369 8LF9
08369 RCV U 12428 S428
08374 TZB 02 8384 83Q4
08379 TR 1 8394
08384 TZB 04 8479 8U79
08389 TR 1 8439
08394 TZB 04 8419 8U19
08399 TAA I 01 8464 84W4
08404 SEL 2 0500
08409 WR R 8485
08414 TR 1 8454
08419 TAA I 01 8464 84W4
08424 SEL 2 0500
08429 WR R 8493
08434 TR 1 8454
08439 TAA I 01 8464 84W4
08444 SEL 2 0500
08449 WR R 8501
08454 TMC O 11 8459 8ME9
08459 TRC O 12 8464 8D64
08464 TAC I 03 8474 84G4
08469 TR 1 8479
08474 HLT J 0051
08479 TAB I 02 8329 83K9
08484 TR 1 8514 ---CD42

```

BANK 3

SET 1 SHOULD UNL 1 ZERO SAC ONLY 1 U

TEST MEM POS 2 FOR NO ZERO  
TEST FOR NO 2 BIT

TEST FOR NO 8 BIT - NO ERRORS

TEST FOR NO 8 BIT

SB 051A 8 AND 2 BIT UP

SB 051B 2 BIT UP

SB 051C 8 BIT UP

gscans 2 007 08491  
 2 001 08492  
 2 007 08499  
 2 001 08500  
 2 007 08507  
 2 001 08508

SB 051A  
 □  
 SB 051B  
 □  
 SB 051C  
 □

CD41.....  
 □ 08514 RCV U 12174 S174 □  
 □ 08519 TMT 9 11649 /649 □  
 □  
 □ 08524 SPC 3000 □  
 □ 08529 SET B 0000 □  
 □ 08534 SET B 0255 □  
 □ 08539 SET B 0002 □  
 □ 08544 UNL 7 12429 S429 □  
 □ 08549 TMC O 11 8554 8NE4 □  
 □  
 □ 08554 RCV U 12427 S427 □  
 □ 08559 TZB 02 8569 8509 □  
 □ 08564 TR 1 8579 □  
 □ 08569 TZB 04 8664 8W64 □  
 □ 08574 TR 1 8624 □  
 □ 08579 TZB 04 8604 8W04 □  
 □  
 □ 08584 TAA I 01 8649 86U9 □  
 □ 08589 SEL 2 0500 □  
 □ 08594 WR R 8670 □  
 □ 08599 TR 1 8639 □  
 □  
 □ 08604 TAA I 01 8649 86U9 □  
 □ 08609 SEL 2 0500 □  
 □ 08614 WR R 8678 □  
 □ 08619 TR 1 8639 □  
 □  
 □ 08624 TAA I 01 8649 86U9 □  
 □ 08629 SEL 2 0500 □  
 □ 08634 WR R 8686 □  
 □ 08639 TMC O 11 8644 8OD4 □  
 □ 08644 TRC O 12 8649 8F49 □  
 □ 08649 TAC I 03 8659 86E9 □  
 □ 08654 TR 1 8664 □  
 □  
 □ 08659 HLT J 0052..... □  
 □ 08664 TAB I 02 8514 85J4..... □  
 □ 08669 TR 1 8699..... □  
 CE43

BANK 3

SET 2 SAC 2 U  
 SHOULD UNL 2 ZEROES ONLY

TEST MEM POS 3 FOR NO ZERO  
 TEST FOR NO 2 BIT  
 TEST FOR NO 8 BIT - NO ERRORS  
 TEST FOR NO 8 BIT

SB 052A 8 AND 2 BIT UP

SB 052B 2 BIT UP

SB 052C 8 BIT UP

2 007 08676  
 2 001 08677  
 2 007 08684  
 2 001 08685  
 2 007 08692  
 2 001 08693

SB 052A  
 □  
 SB 052B  
 □  
 SB 052C  
 □

```

SE42 001480 08699 RCV U 12174 S174
08704 TMT 9 11649 /649
08709 SPC 3 3000
08714 SET B 0000
08719 SET B 0255
08724 SET B 0004
08729 UNL 7 12429 S429
08734 TMC 0 11 8739 8PC9
08739 RCV U 12425 S425
08744 TZB 02 8754 87N4
08749 TR 1 8764
08754 TZB 04 8849 8Y49
08759 TR 1 8809
08764 TZB 04 8789 8X89
08769 TAA I 01 8834 88T4
08774 SEL 2 0500
08779 WR R 8855
08784 TR 1 8824
08789 TAA I 01 8834 88T4
08794 SEL 2 0500
08799 WR R 8863
08804 TR 1 8824
08809 TAA I 01 8834 88T4
08814 SEL 2 0500
08819 WR R 8871
08824 TMC 0 11 8829 8QB9
08829 TRC 0 12 8834 8H34
08834 TAC I 03 8844 88D4
08839 TR 1 8849
08844 HLT J 0053
08849 TAB I 02 8699 86R9
08854 TR 1 8884

```

BANK 3

SET 4 SHOULD UNL 4 ZEROES ONLY SAC 4 U

TEST MEM POS 5 FOR NO ZERO  
TEST FOR NO 2 BIT

TEST FOR NO 8 BIT - NO ERRORS

TEST FOR NO 8 BIT

SB 053A 8 AND 2 BIT UP

SB 053B 2 BIT UP

SB 053C 8 BIT UP

CF44

```

2 007 08861 SB 053A
2 001 08862
2 007 08869 SB 053B
2 001 08870
2 007 08877 SB 053C
2 001 08878

```

088884 RCV U 12174 S174  
 08889 TMT 9 11649 7649  
 08894 SPC 3000  
 08899 SET B 0000  
 08904 SET B 0255  
 08909 SET B 0008  
 08914 UNL 7 12429 S429  
 08919 TMC 0 11 8924 8RB4  
 08924 RCV U 12421 S421  
 08929 TTB 02 8939 89L9  
 08934 TR 1 8949  
 08939 TTB 04 9034 9 34  
 08944 TR 1 8994  
 08949 TTB 04 8974 8274  
 08954 TAA I 01 9019 90/9  
 08959 SEL 2 0500  
 08964 WR R 9040  
 08969 TR 1 9009  
 08974 TAA I 01 9019 90/9  
 08979 SEL 2 0500  
 08984 WR R 9048  
 08989 TR 1 9009  
 08994 TAA I 01 9019 90/9  
 08999 SEL 2 0500  
 09004 WR R 9056  
 09009 TMC 0 11 9014 9-A4  
 09014 TRC 0 12 9019 9&19  
 09019 TAC I 03 9029 90B9  
 09024 TR 1 9034  
 09029 HLT J 0054  
 09034 TAB I 02 8884 88Q4  
 09039 TR 1 9069

BANK 3

SET 8 SAC 8 U  
SHOULD UNL 8 ZEROES ONLY

TEST MEM POS 9 FOR NO ZERO  
TEST FOR NO 2 BIT

TEST FOR NO 8 BIT - NO ERRORS

TEST FOR NO 8 BIT

SB 054A 8 AND 2 BIT UP

SB 054B 2 BIT UP

SB 054C 8 BIT UP

CG45

- 2 007 09046 SB 054A
- 2 001 09047
- 2 007 09054 SB 054B
- 2 001 09055
- 2 007 09062 SB 054C
- 2 001 09063



```

09069 RCV U 12174 S174
09074 TMT 9 11649 7649
09079 SPC 3000
09084 SET B 0000
09089 SET B 0255
09094 SET B 0016
09099 UNL 7 12429 S429
09104 TMC 0 11 9109 9J69
09109 RCV U 12413 S413
09114 TZB 02 9124 91K4
09119 TR 1 9134
09124 TZB 04 9219 9S19
09129 TR 1 9179
09134 TZB 04 9159 9/59
09139 TAA I 01 9204 92 4
09144 SEL 2 0500
09149 WR R 9225
09154 TR 1 9194
09159 TAA I 01 9204 92 4
09164 SEL 2 0500
09169 WR R 9233
09174 TR 1 9194
09179 TAA I 01 9204 92 4
09184 SEL 2 0500
09189 WR R 9241
09194 TMC 11 9199 9J19
09199 TRC 0 12 9204 9B04
09204 TAC I 03 9214 92A4
09209 TR 1 9219
09214 HLT J 0055
09219 TAB I 02 9069 9009
09224 TR 1 9254

```

BANK 3

SET 16 SHOULD UNL 16 ZEROES ONLY SAC 16 U

TEST MEM POS 17 FOR NO ZERO TEST FOR NO 2 BIT

TEST FOR NO 8 BIT - NO ERRORS

TEST FOR NO 8 BIT

SB 055A 8 AND 2 BIT UP

SB 055B 2 BIT UP

SB 055C 8 BIT UP

CH46

```

2 007 09231 SB 055A
2 001 09232
2 007 09239 SB 055B
2 001 09240
2 007 09247 SB 055C
2 001 09248

```

H45 gscans/90149

```

09254 RCV U 12174 S174
09259 TMT 9 11649 /649
09264 SPC 3000
09269 SET B 0000
09274 SET BB 0255
09279 SET BB 0032
09284 UNL 7 12429 S429
09289 TMC O 11 9294 9KI4
09294 RCV U 12397 S397
09299 TZB . 02 9309 93-9
09304 TR . 1 9319
09309 TZB . 04 9404 9U04
09314 TR . 1 9364
09319 TZB . 04 9344 9T44
09324 TAA I 01 9389 93Y9
09329 SEL 2 0500
09334 WR R 9410
09339 TR 1 9379
09344 TAA I 01 9389 93Y9
09349 SEL 2 0500
09354 WR R 9418
09359 TR 1 9379
09364 TAA I 01 9389 93Y9
09369 SEL 2 0500
09374 WR R 9426
09379 TMC O 11 9384 9LH4
09384 TRC O 12 9389 9C89
09389 TAC I 03 9399 9319
09394 TR 1 9404
09399 HLT J 0056
09404 TAB I 02 9254 92N4
09409 TR 1 9439

```

BANK 3

SET 32 SHOULD UNL 32 ZEROES ONLY SAC 32 U

TEST MEM POS 33 FOR NO ZERO  
TEST FOR NO 2 BIT

TEST FOR NO 8 BIT - NO ERRORS

TEST FOR NO 8 BIT

SB 056A 8 AND 2 BIT UP

SB 056B 2 BIT UP

SB 056C 8 BIT UP

CJ47

```

2 007 09416 SB 056A
2 001 09417
2 007 09424 SB 056B
2 001 09425
2 007 09432 SB 056C
2 001 09433

```

```

09439 RCV U 12174 S174
09444 TMT 9 11649 /649
09449 SPC 3000
09454 SET BB 0000
09459 SET BB 0255
09464 SET BB 0064
09469 UNL 7 12429 S429
09474 TMC 0 11 9479 9MG9
09479 RCV U 12365 S365
09484 TZB 02 9494 94R4
09489 TR 1 9504
09494 TZB 04 9589 9V89
09499 TR 1 9549
09504 TZB 04 9529 9V29
09509 TAA I 01 9574 95X4
09514 SEL 2 0500
09519 WR R 9595
09524 TR 1 9564
09529 TAA I 01 9574 95X4
09534 SEL 2 0500
09539 WR R 9603
09544 TR 1 9564
09549 TAA I 01 9574 95X4
09554 SEL 2 0500
09559 WR R 9611
09564 TMC 0 11 9569 9NF9
09569 TRC 0 12 9574 9E74
09574 TAC I 03 9584 95H4
09579 TR 1 9589
09584 HLT J 0057
09589 TAB I 02 9439 94L9
09594 TR 1 9624

```

BANK 3

SET 64 SHOULD UNL 64 ZEROES ONLY SAC 64 U

TEST MEM POS 65 FOR NO ZERO  
TEST FOR NO 2 BIT

TEST FOR NO 8 BIT - NO ERRORS

TEST FOR NO 8 BIT

SB 057A 8 AND 2 BIT UP

SB 057B 2 BIT UP

SB 057C 8 BIT UP

CK48

```

2 007 09601 SB 057A
2 001 09602
2 007 09609 SB 057B
2 001 09610
2 007 09617 SB 057C
2 001 09618

```

47 cans	09624	RCV U	12174	S174	
09629	TMT 9		11649	7649	
09634	SPC		3000		
09639	SET B		0000		
09644	SET B		0255		
09649	SET B		0128		
09654	UNL 7		12429	S429	
09659	TMC 0 11		9664	90F4	
09664	RCV U		12301	S301	
09669	TZB		02	9679	96P9
09674	TR 1		9689		
09679	TZB		04	9774	9X74
09684	TR 1		9734		
09689	TZB		04	9714	9X14
09694	TAA I		01	9759	97V9
09699	SEL 2		0500		
09704	WR R		9780		
09709	TR 1		9749		
09714	TAA I		01	9759	97V9
09719	SEL 2		0500		
09724	WR R		9788		
09729	TR 1		9749		
09734	TAA I		01	9759	97V9
09739	SEL 2		0500		
09744	WR R		9796		
09749	TMC 0 11		9754	9PE4	
09754	TRC 0 12		9759	9G59	
09759	TAC I		03	9769	97F9
09764	TR 1		9774		
09769	HLT J		0058		
09774	TAB I		02	9624	96K4
09779	TR 1		9809		

BANK 3

SET 128 SAC 128 U  
SHOULD UNL 128 ZEROES ONLY

TEST MEM POS 129 FOR NO ZERO  
TEST FOR NO 2 BIT

TEST FOR NO 8 BIT - NO ERRORS

TEST FOR NO 8 BIT

SB 058A 8 AND 2 BIT UP

SB 058B 2 BIT UP

SB 058C 8 BIT UP

- 2 007 09786 SB 058A
- 2 001 09787
- 2 007 09794 SB 058B
- 2 001 09795
- 2 007 09802 SB 058C
- 2 001 09803

CL49	09809	RCV U	12174	S174	
09814	TMT 9		11649	7649	
09819	SPC		3000		
09824	SET B		0000		
09829	SET B		0320		
09834	UNL 7		12429	S429	
09839	TMC 0 11		9844	9QD4	
09844	RCV U		12365	S365	
09849	TZB		02	9859	98N9
09854	TR 1		9869		
09859	TZB		04	9954	9Z54
09864	TR 1		9914		
09869	TZB		04	9894	9Y94

BANK 3

SET 320 SAC 64 WRAP AROUND  
SHOULD UNL 64 ZEROES ONLY

TEST MEM POS 65 FOR NO ZERO  
TEST FOR NO 2 BIT

TEST FOR NO 8 BIT - NO ERRORS

TEST FOR NO 8 BIT

NEXT PAGE

ans/g001481

```

09874 TAA I 01 9939 99T9
09879 SEL 2 0500
09884 WR R 9960
09889 TR 1 9929

```

SB 059A

8 AND 2 BIT UP

CM48

```

09894 TAA I 01 9939 99T9
09899 SEL 2 0500
09904 WR R 9968
09909 TR 1 9929

```

SB 059B

2 BIT UP

CN48

```

09914 TAA I 01 9939 99T9
09919 SEL 2 0500
09924 WR R 9976
09929 TMC 0 11 9934 9RC4
09934 TRC 0 12 9939 9I39
09939 TAC 1 03 9949 99D9
09944 TR 1 9954

```

SB 059C

8 BIT UP

CP48

```

09949 HLT J 0059
09954 TAB I 02 9809 98-9
09959 TR 1 9989

```

CL48

```

2 007 09966
2 001 09967
2 007 09974
2 001 09975
2 007 09982
2 001 09983

```

```

SB 059A
SB 059B
SB 059C

```

Q50

```

09989 RCV U 12174 S174
09994 TMT 9 11649 /649
09999 SPC 3000
10004 SET B 0000
10009 SET B 0384
10014 UNL 7 12429 S429
10019 TMC 0 11 10024 -B4
10024 RCV U 12301 S301
10029 TZB 02 10039 0L9
10034 TR 1 10049 049
10039 TZB 04 10134 /34
10044 TR 1 10094 094
10049 TZB 04 10074 74

```

BANK 3

SET 384 SAC 128 WRAP AROUND SHOULD UNL 128 ZEROES ONLY

TEST MEM POS 129 FOR NO ZERO TEST FOR NO 2 BIT

TEST FOR NO 8 BIT - NO ERRORS

TEST FOR NO 8 BIT

```

10054 TAA I 01 10119 1/9
10059 SEL 2 0500
10064 WR R 10140 140
10069 TR 1 10109 109

```

SB 060A

8 AND 2 BIT UP

```

10074 TAA I 01 10119 1/9
10079 SEL 2 0500
10084 WR R 10148 148
10089 TR 1 10109 109

```

SB 060B

2 BIT UP

```

R49.....10094 TAA I 01 10119 179---I
gscans/g004208g 10099 SEL 2 0500 I
10104 WR R 10156 156 I
S49.....10109 TMC O 11 10114 JA4---I
10114 TRC O 12 10119 A19---I
T49.....10119 TAC I 03 10129 1B9---I
10124 TR 1 10134 134---I
10129 HLT J 0060.....I
U49.....10134 TAB I 02 9989 99Q9---CQ49
10139 TR 1 10169 169---I

```

SB 060C 8 BIT UP

```

2 007 10146 SB 060A
2 001 10147 I
2 007 10154 SB 060B
2 001 10155 I
2 007 10162 SB 060C
2 001 10163 I

```

```

10169 RCV U 12174 S174..I
10174 TMT 9 11649 7649 I
10179 SPC , 4000 I
10184 SET B 0000 I
10189 SET B 0255 I
10194 SET B 0001 I
10199 UNL 7 12429 S429 I
10204 TMC O 11 10209 K&9---I
10209 RCV U 12428 S428..I
10214 TZB . 02 10224 2K4---I
10219 TR 1 10234 234---I
10224 TZB . 04 10319 T19---I
10229 TR 1 10279 279---I
10234 TZB . 04 10259 S59---I
10239 TAA I 01 10304 3 4---I
10244 SEL 2 0500 I III
10249 WR R 10325 325 I III
10254 TR 1 10294 294---I III
10259 TAA I 01 10304 3 4---I III
10264 SEL 2 0500 I III
10269 WR R 10333 333 I III
10274 TR 1 10294 294---I III
10279 TAA I 01 10304 3 4---I III
10284 SEL 2 0500 I III
10289 WR R 10341 341 I II
10294 TMC O 11 10299 KI9---I II
10299 TRC O 12 10304 C04---I II
10304 TAC I 03 10314 3A4---I II
10309 TR 1 10319 319---I II
10314 HLT J 0061.....I
10319 TAB I 02 10169 109.....I
10324 TR 1 10354 354---CV51

```

BANK 4  
 SET 1 SHOULD UNL 1 ZERO SAC ONLY 1 U

TEST MEM POS 2 FOR NO ZERO  
 TEST FOR NO 2 BIT  
 TEST FOR NO 8 BIT - NO ERRORS  
 TEST FOR NO 8 BIT

SB 061A 8 AND 2 BIT UP

SB 061B 2 BIT UP

SB 061C 8 BIT UP

g...ns/g00148107p10331  
 2 001 10332  
 2 007 10339  
 2 001 10340  
 2 007 10347  
 2 001 10348

SB 061A  
 □  
 SB 061B  
 □  
 SB 061C  
 □

```

CV50.....
I □ 10354 RCV U 12174 S174 □
I □ 10359 TMT 9 11649 /649 □
I □ 10364 SPC , 4000 □
I □ 10369 SET B 0000 □
I □ 10374 SET B 0255 □
I □ 10379 SET B 0002 □
I □ 10384 UNL 7 12429 S429 □
I □ 10389 TMC 0 11 10394 LI4-□
I □ 10394 RCV U 12427 S427.□
I □ 10399 TZB . 02 10409 4-9-□
I □ 10404 TR 1 10419 419-□
I □ 10409 TZB . 04 10504 V04-□
I □ 10414 TR 1 10464 464-□
I □ 10419 TZB . 04 10444 U44-□
I □ 10424 TAA I 01 10489 4Y9-□
I □ 10429 SEL 2 0500 □
I □ 10434 WR R 10510 510 □
I □ 10439 TR 1 10479 479-□
I □ 10444 TAA I 01 10489 4Y9-□
I □ 10449 SEL 2 0500 □
I □ 10454 WR R 10518 518 □
I □ 10459 TR 1 10479 479-□
I □ 10464 TAA I 01 10489 4Y9-□
I □ 10469 SEL 2 0500 □
I □ 10474 WR R 10526 526 □
I □ 10479 TMC 0 11 10484 MH4-□
I □ 10484 TRC 0 12 10489 D89-□
I □ 10489 TAC I 03 10499 419-□
I □ 10494 TR 1 10504 504-□
I □ 10499 HLT J 0062.....□
I □ 10504 TAB I 02 10354 3N4-□
I □ 10509 TR 1 10539 539-□
  
```

BANK 4

SET 2 SHOULD UNL 2 ZEROES ONLY SAC 2 U

TEST MEM POS 3 FOR NO ZERO  
 TEST FOR NO 2 BIT  
 TEST FOR NO 8 BIT - NO ERRORS  
 TEST FOR NO 8 BIT

SB 062A 8 AND 2 BIT UP

SB 062B 2 BIT UP

SB 062C 8 BIT UP

2 007 10516 SB 062A  
 2 001 10517 □  
 2 007 10524 SB 062B  
 2 001 10525 □  
 2 007 10532 SB 062C  
 2 001 10533 □

CW52

```

W51.....#10539 RCV U 12174 S174 □
gscans/g0014910544 TMT 9 11649 /649 □
I □
I □ 10549 SPC , 4000 □
I □ 10554 SET B 0000 □
I □ 10559 SET B 0255 □
I □ 10564 SET B 0004 □
I □ 10569 UNL 7 12429 S429 □
I □ 10574 TMC 0 11 10579 NG9- - - I
I □
I □ 10579 RCV U 12425 S425 . . . I
I □ 10584 TZB . 02 10594 5R4- - - I
I □ 10589 TR 1 10604 604- - - I
I □ 10594 TZB . 04 10689 W89- - - I
I □ 10599 TR 1 10649 649- - - I
I □ 10604 TZB . 04 10629 W29- - - I
I □
I □
I □
I □ 10609 TAA I 01 10674 6X4- - - I
I □ 10614 SEL 2 0500 □ I III
I □ 10619 WR R 10695 695 □ I III
I □ 10624 TR 1 10664 664- - - I
I □
I □
I □
I □ 10629 TAA I 01 10674 6X4- - - I
I □ 10634 SEL 2 0500 □ I III
I □ 10639 WR R 10703 703 □ I III
I □ 10644 TR 1 10664 664- - - I
I □
I □
I □
I □ 10649 TAA I 01 10674 6X4- - - I
I □ 10654 SEL 2 0500 □ I II
I □ 10659 WR R 10711 711 □ I II
I □ 10664 TMC 0 11 10669 OF9- - - I
I □ 10669 TRC 0 12 10674 F74- - - I
I □ 10674 TAC I 03 10684 6H4- - - I
I □ 10679 TR 1 10689 689- - - I
I □
I □ 10684 HLT J 0063 . . . . . I
I □ 10689 TAB I 02 10539 5L9 . . . . . I
I □ 10694 TR 1 10724 724- - - - - CX53
I □

```

BANK 4

SET 4 SHOULD UNL 4 ZEROES ONLY SAC 4 U

TEST MEM POS 5 FOR NO ZERO  
TEST FOR NO 2 BIT

TEST FOR NO 8 BIT - NO ERRORS  
TEST FOR NO 8 BIT

SB 063A 8 AND 2 BIT UP

SB 063B 2 BIT UP

SB 063C 8 BIT UP

```

2 007 10701 SB 063A
2 001 10702 □
2 007 10709 SB 063B
2 001 10710 □
2 007 10717 SB 063C
2 001 10718 □

```



```

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
010724 RCV U      12174 S174
I  10729 TMT 9      11649 /649
I
I  10734 SPC  4000
I  10739 SET B      0000
I  10744 SET B      0255
I  10749 SET B      0008
I  10754 UNL 7      12429 S429
I  10759 TMC 0 11 10764 PF4
I
I  10764 RCV U      12421 S421
I  10769 TZB  02 10779 7P9
I  10774 TR  1 10789 789
I  10779 TZB  04 10874 Y74
I  10784 TR  1 10834 834
I  10789 TZB  04 10814 Y14
I
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
I
I  10794 TAA I 01 10859 8V9
I  10799 SEL 2      0500
I  10804 WR  R      10880 880
I  10809 TR  1      10849 849
I
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
I
I  10814 TAA I 01 10859 8V9
I  10819 SEL 2      0500
I  10824 WR  R      10888 888
I  10829 TR  1      10849 849
I
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
I
I  10834 TAA I 01 10859 8V9
I  10839 SEL 2      0500
I  10844 WR  R      10896 896
I  10849 TMC 0 11 10854 QE4
I  10854 TRC 0 12 10859 H59
I  10859 TAC I 03 10869 8F9
I  10864 TR  1      10874 874
I
I  10869 HLT J      0064
I  10874 TAB I 02 10724 7K4
I  10879 TR  1      10909 909
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

```

BANK 4

SET 8 SAC 8  
SHOULD UNL 8 ZEROES ONLY

TEST MEM POS 9 FOR NO ZERO  
TEST FOR NO 2 BIT

TEST FOR NO 8 BIT - NO ERRORS

TEST FOR NO 8 BIT

SB 064A 8 AND 2 BIT UP

SB 064B 2 BIT UP

SB 064C 8 BIT UP

CY54

```

2 007 10886 SB 064A
2 001 10887
2 007 10894 SB 064B
2 001 10895
2 007 10902 SB 064C
2 001 10903

```

Y53  
gscans

```

10909 RCV U 12174 S174
10914 TMT 9 11649 /649
10919 SPC , 4000
10924 SET B 0000
10929 SET BB 0255
10934 SET B 0016
10939 UNL 7 12429 S429
10944 TMC 0 11 10949 RD9
10949 RCV U 12413 S413
10954 TZB . 02 10964 904
10959 TR 1 10974 974
10964 TZB . 04 11059 / 59
10969 TR 1 11019 /019
10974 TZB . 04 10999 Z99
10979 TAA I 01 11044 /OU4
10984 SEL 2 0500
10989 WR R 11065 /065
10994 TR 1 11034 /034
10999 TAA I 01 11044 /OU4
11004 SEL 2 0500
11009 WR R 11073 /073
11014 TR 1 11034 /034
11019 TAA I 01 11044 /OU4
11024 SEL 2 0500
11029 WR R 11081 /081
11034 TMC 0 11 11039 /-C9
11039 TRC 0 12 11044 /644
11044 TAC I 03 11054 /0E4
11049 TR 1 11059 /059
11054 HLT J 0065
11059 TAB I 02 10909 9-9
11064 TR 1 11094 /094

```

BANK 4

SET 16 SHOULD UNL 16 ZEROES ONLY SAC 16 U

TEST MEM POS 17 FOR NO ZERO  
TEST FOR NO 2 BIT

TEST FOR NO 8 BIT - NO ERRORS

TEST FOR NO 8 BIT

SB 065A

8 AND 2 BIT UP

SB 065B

2 BIT UP

SB 065C

8 BIT UP

CZ55

```

2 007 11071
2 001 11072
2 007 11079
2 001 11080
2 007 11087
2 001 11088

```

```

SB 065A
SB 065B
SB 065C

```

254001481

```

#####
11094 RCV U 12174 S174
11099 TMT 9 11649 /649
11104 SPC 4000
11109 SET B 0000
11114 SET B 0255
11119 SET B 0032
11124 UNL 7 12429 S429
11129 TMC O 11 11134 /JC4
11134 RCV U 12397 S397
11139 TZB 02 11149 /1M9
11144 TR 1 11159 /159
11149 TZB 04 11244 /S44
11154 TR 1 11204 /204
11159 TZB 04 11184 /784
#####
11164 TAA I 01 11229 /2S9
11169 SEL 2 0500
11174 WR R 11250 /250
11179 TR 1 11219 /219
#####
11184 TAA I 01 11229 /2S9
11189 SEL 2 0500
11194 WR R 11258 /258
11199 TR 1 11219 /219
#####
11204 TAA I 01 11229 /2S9
11209 SEL 2 0500
11214 WR R 11266 /266
11219 TMC O 11 11224 /KB4
11224 TRC O 12 11229 /B29
11229 TAC I 03 11239 /2C9
11234 TR 1 11244 /244
11239 HLT J 0066
11244 TAB I 02 11094 /OR4
11249 TR 1 11279 /279
#####

```

BANK 4

SET 32 SHOULD UNL 32 ZEROES ONLY SAC 32 U

TEST MEM POS 33 FOR NO ZERO TEST FOR NO 2 BIT

TEST FOR NO 8 BIT - NO ERRORS

TEST FOR NO 8 BIT

SB 066A 8 AND 2 BIT UP

SB 066B 2 BIT UP

SB 066C 8 BIT UP

DA56

```

2 007 11256 SB 066A
2 001 11257
2 007 11264 SB 066B
2 001 11265
2 007 11272 SB 066C
2 001 11273

```

A55.....  
yscans/g001491

```

11279 RCV U 12174 S174
11289 TMT 9 11649 /649
11289 SPC , 4000
11294 SET B 0000
11299 SET B 0255
11304 SET B 0064
11309 UNL 7 12429 S429
11314 TMC 0 11 11319 /LA9
11319 RCV U 12365 S365
11324 TZB . 02 11334 /3L4
11329 TR 1 11344 /344
11334 TZB . 04 11429 /U29
11339 TR 1 11389 /389
11344 TZB . 04 11369 /T69
11349 TAA I 01 11414 /4/4
11354 SEL 2 0500
11359 WR R 11435 /435
11364 TR 1 11404 /404
11369 TAA I 01 11414 /4/4
11374 SEL 2 0500
11379 WR R 11443 /443
11384 TR 1 11404 /404
11389 TAA I 01 11414 /4/4
11394 SEL 2 0500
11399 WR R 11451 /451
11404 TMC 0 11 11409 /M69
11409 TRC 0 12 11414 /D14
11414 TAC I 03 11424 /4B4
11419 TR 1 11429 /429
11424 HLT J 0067
11429 TAB I 02 11279 /2P9
11434 TR 1 11464 /464

```

BANK 4

SET 64 SHOULD UNL 64 ZEROES ONLY SAC 64 U

TEST MEM POS 65 FOR NO ZERO  
TEST FOR NO 2 BIT

TEST FOR NO 8 BIT - NO ERRORS

TEST FOR NO 8 BIT

SB 067A

8 AND 2 BIT UP

SB 067B

2 BIT UP

SB 067C

8 BIT UP

DB57

```

2 007 11441
2 001 11442
2 007 11449
2 001 11450
2 007 11457
2 001 11458

```

```

SB 067A
□
SB 067B
□
SB 067C
□

```

8565001481

```

11464 RCV U 12174 S174
11469 TMT 9 11649 /649
11474 SPC 4 4000
11479 SET B 0000
11484 SET B 0255
11489 SET B 0128
11494 UNL 7 12429 S429
11499 TMC 0 11 11504 /N64
11504 RCV U 12301 S301
11509 TZB 02 11519 /5J9
11514 TR 1 11529 /529
11519 TZB 04 11614 /W14
11524 TR 1 11574 /574
11529 TZB 04 11554 /V54
11534 TAA I 01 11599 /529
11539 SEL 2 0500
11544 WR R 11620 /620
11549 TR 1 11589 /589
11554 TAA I 01 11599 /529
11559 SEL 2 0500
11564 WR R 11628 /628
11569 TR 1 11589 /589
11574 TAA I 01 11599 /529
11579 SEL 2 0500
11584 WR R 11636 /636
11589 TMC 0 11 11594 /NI4
11594 TRC 0 12 11599 /E99
11599 TAC I 03 11609 /689
11604 TR 1 11614 /614
11609 HLT J 0068
11614 TAB I 02 11464 /404
11619 TR 1 13004 T004

```

BANK 4

SET 128 SAC 128 U  
SHOULD UNL 128 ZEROES ONLY

TEST MEM POS 129 FOR NO ZERO  
TEST FOR NO 2 BIT

TEST FOR NO 8 BIT - NO ERRORS

TEST FOR NO 8 BIT

SB 068A 8 AND 2 BIT UP

SB 068B 2 BIT UP

SB 068C 8 BIT UP

DC58

2 007 11626  
2 001 11627  
2 007 11634  
2 001 11635  
2 007 11642  
2 001 11643

SB 068A  
□  
SB 068B  
□  
SB 068C  
□



ans/g0014816.png

-7080-  
STORAGE OVERALL RELIABILITY CK  
TESTS BANKS 0-4

PART 2 OF 3 PARTS

APRIL 15 1961

ENTER 7080 MODE

ROUTINES 70-74  
STORAGE MARK PLACEMENT CHK AND  
SM TO DILROY CONVERSION -USB

□ 13004 EEM 3 14 0000 06-0 □

I  
I  
I  
I  
I

A04.....

□ 13009 RCV U 21714 J714 □  
□ 13014 BLM \$ 0052 □  
□ 13019 TMC O 11 13024 T-B4-□  
□ 13024 SPC 0000.....□  
□ 13029 SET B 0000 □  
□ 13034 SET BB 0255 □  
□ 13039 SET BB 0128 □  
□ 13044 SET BB 0064 □  
□ 13049 SET BB 0032 □  
□ 13054 SET BB 0016 □  
□ 13059 SET BB 0008 □  
□ 13064 SET BB 0004 □  
□ 13069 SET BB 0002 □  
□ 13074 SET B 0001 □

BANK 0

PLACE SM AT 256  
129  
65  
33  
17  
9  
5  
3  
2

11111111  
1  
-1-  
-1-  
-1-  
-1-  
-1-  
-1-  
-1-  
-1-

□ 13079 SPC , 0000 □  
□ 13084 USB , 05 21969 JZW9 □  
□ 13089 TMC O 11 13094 T-I4-□

BANK 0

UNL ENTIRE 256 STORAGE BANK

□ 13094 RCV U 21968 J968.....□  
□ 13099 TZB • 02 13134 T1L4-□  
□ 13104 TZB • 03 13134 T1C4-□  
□ 13109 TZB • 04 13134 T/34-□  
□ 13114 TZB • 05 13134 T/T4-□  
□ 13119 TZB • 06 13134 T/L4-□  
□ 13124 TZB • 07 13134 T/C4-□  
□ 13129 TZB • 01 13174 T1X4-□  
□ 13134 TAA I 01 13149 T1U9-□  
□ 13139 SEL 2 0500 □  
□ 13144 WR R 13160 T160 □  
□ 13149 RCV U 13826 T826.....□  
□ 13154 TSL 1 01 13814 T8/4-□  
□ 13159 TR 1 13174 T174-□

TEST MEM POS 2 FOR DILROY CONV  
TEST FOR NO 2 BIT ---ERROR  
TEST FOR NO 4 BIT ---ERROR  
TEST FOR NO 8 BIT ---ERROR  
TEST FOR NO A BIT ---ERROR  
TEST FOR NO B BIT ---ERROR  
TEST FOR NO C BIT ---ERROR

TEST FOR EXPECTED MISSING 1 BT

SB 070-1

2 008 13167  
2 001 13168

SB 070-1  
□

801.....gscans/g00

```

□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
□ 13174 RCV U      21967 J967 □
□ 13179 TZB . 02 13214 T2J4-□-▼
□ 13184 TZB . 03 13214 T2A4-□-Y
□ 13189 TZB . 04 13214 TS14-□-Y
□ 13194 TZB . 05 13214 TS/4-□-Y
□ 13199 TZB . 06 13214 TSJ4-□-Y
□ 13204 TZB . 07 13214 TSA4-□-Y
□
□ 13209 TZB . 01 13254 T2V4-□-I
□ 13214 TAA I 01 13229 T2S9-□-I
□ 13219 SEL 2      0500 □ I I
□ 13224 WR R      13240 T240 □ I I
□ 13229 RCV U      13826 T826-□-I
□ 13234 TSL 1 01 13814 T8/4-□-I-----E04
□ 13239 TR 1      13254 T254-□-Y
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

```

TEST MEM POS 3 FOR DILROY CONV  
 E  
 R  
 O  
 S  
 OK  
 SB 070-2

2 008 13247 SB 070-2  
 2 001 13248 □

```

□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□ I
□ 13254 RCV U      21965 J965-□-I
□ 13259 TZB . 02 13294 T2R4-□-▼
□ 13264 TZB . 03 13294 T214-□-Y
□ 13269 TZB . 04 13294 TS94-□-Y
□ 13274 TZB . 05 13294 TSZ4-□-Y
□ 13279 TZB . 06 13294 TSR4-□-Y
□ 13284 TZB . 07 13294 TSI4-□-Y
□
□ 13289 TZB . 01 13334 T3T4-□-I
□ 13294 TAA I 01 13309 T3 9-□-I
□ 13299 SEL 2      0500 □ I I
□ 13304 WR R      13320 T320 □ I I
□ 13309 RCV U      13826 T826-□-I
□ 13314 TSL 1 01 13814 T8/4-□-I-----E04
□ 13319 TR 1      13334 T334-□-Y
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

```

TEST MEM POS 5 FOR DILROY CONV  
 E  
 R  
 O  
 S  
 OK  
 SB 070-4

2 008 13327 SB 070-4  
 2 001 13328 □

```

□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□ I
□ 13334 RCV U      21961 J961-□-I
□ 13339 TZB . 02 13374 T3P4-□-▼
□ 13344 TZB . 03 13374 T3G4-□-Y
□ 13349 TZB . 04 13374 TT74-□-Y
□ 13354 TZB . 05 13374 TTX4-□-Y
□ 13359 TZB . 06 13374 TTP4-□-Y
□ 13364 TZB . 07 13374 TTG4-□-Y
□
□ 13369 TZB . 01 13414 T4/4-□-I-----C03
□ 13374 TAA I 01 13389 T3Y9-□-I
□ 13379 SEL 2      0500 □ I I
□ 13384 WR R      13400 T400 □ I I
□ 13389 RCV U      13826 T826-□-I
□ 13394 TSL 1 01 13814 T8/4-□-I-----E04
□ 13399 TR 1      13414 T414-□-I-----C03
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

```

TEST MEM POS 9 FOR DILROY CONV  
 E  
 R  
 O  
 S  
 OK  
 SB 070-8

2 008 13407 SB 070-8  
 2 001 13408 □



ans/g00148

```

13414 RCV U 21953 J953
13419 TZB 02 13454 T4N4
13424 TZB 03 13454 T4E4
13429 TZB 04 13454 TU54
13434 TZB 05 13454 TUV4
13439 TZB 06 13454 TUN4
13444 TZB 07 13454 TUE4
13449 TZB 01 13494 T4Z4
13454 TAA I 01 13469 T4W9
13459 SEL 2 0500
13464 WR R 13480 T480
13469 RCV U 13826 T826
13474 TSL I 01 13814 T874
13479 TR I 13494 T494

```

TEST MEM POS 17 FOR DILROY CVS  
 ERRORS

OK

SB 070-16

2 009 13488  
 2 001 13489

SB 070-16

```

13494 RCV U 21937 J937
13499 TZB 02 13534 T5L4
13504 TZB 03 13534 T5C4
13509 TZB 04 13534 TV34
13514 TZB 05 13534 TVT4
13519 TZB 06 13534 TVL4
13524 TZB 07 13534 TVC4
13529 TZB 01 13574 T5X4
13534 TAA I 01 13549 T5U9
13539 SEL 2 0500
13544 WR R 13560 T560
13549 RCV U 13826 T826
13554 TSL I 01 13814 T874
13559 TR I 13574 T574

```

TEST MEM POS 33 FOR DILROY CVS  
 ERRORS

OK

SB 070-32

2 009 13568  
 2 001 13569

SB 070-32

```

13574 RCV U 21905 J905
13579 TZB 02 13614 T6J4
13584 TZB 03 13614 T6A4
13589 TZB 04 13614 TW14
13594 TZB 05 13614 TW74
13599 TZB 06 13614 TWJ4
13604 TZB 07 13614 TWA4
13609 TZB 01 13654 T6V4
13614 TAA I 01 13629 T6S9
13619 SEL 2 0500
13624 WR R 13640 T640
13629 RCV U 13826 T826
13634 TSL I 01 13814 T874
13639 TR I 13654 T654

```

TEST MEM POS 65 FOR DILROY CVS  
 ERRORS

OK

SB 070-64

2 009 13648  
 2 001 13649

SB 070-64

```

#####
03.....gscans/g00 13654 RCV U 21841 J841
13659 TZB . 02 13694 T6R4
13664 TZB . 03 13694 T6I4
13669 TZB . 04 13694 TW94
13674 TZB . 05 13694 TWZ4
13679 TZB . 06 13694 TWR4
13684 TZB . 07 13694 TWI4
13689 TZB . 01 13739 T7T9
13694 TAA I 01 13709 T7 9
13699 SEL 2 0500
13704 WR R 13720 T720
13709 RCV U 13826 T826
13714 TSL 1 01 13814 T874
13719 TR 1 13739 T739
#####

```

TEST MEM POS 129 FOR DILROY CV  
 E  
 R  
 O  
 R  
 S

OK

SB 070-128

2 010 13729  
 2 001 13730

SB 070-128  
 □

```

#####
13739 RCV U 21714 J714
13744 TZB . 02 13779 T7P9
13749 TZB . 03 13779 T7G9
13754 TZB . 04 13779 TX79
13759 TZB . 05 13779 TXX9
13764 TZB . 06 13779 TXP9
13769 TZB . 07 13779 TXG9
13774 TZB . 01 13804 T8 4
13779 TAA I 01 13794 T7Z4
13784 SEL 2 0500
13789 WR R 13830 T830
13794 RCV U 13826 T826
13799 TSL 1 01 13814 T874
13804 TAB I 02 13009 T0-9
13809 TR 1 13849 T849
#####

```

TEST MEM POS 256 FOR DILROY CV  
 E  
 R  
 O  
 R  
 S

SB 070-255

A01  
 F05

```

#####
13814 TAC I 03 13824 T8B4
13819 TR 1 13829 T829
13824 HLT J 0070
13829 TR 1
#####

```

E01  
 E02  
 E03

2 010 13839  
 2 001 13840

SB 070-255  
 □

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```

13849 RCV U      21714 J714
13854 BLM $      0052
13859 TMC O 11 13864 TQF4
13864 SPC ,      1000
13869 SET B      0000
13874 SET B      0255
13879 SET B      0128
13884 SET B      0064
13889 SET B      0032
13894 SET B      0016
13899 SET B      0008
13904 SET B      0004
13909 SET B      0002
13914 SET B      0001

```

BANK 1

```

PLACE SM AT 256
              129
              65
              33
              17
              9
              3
              2

```

```

13919 SPC ,      1000
13924 USB , 05 21969 JZW9
13929 TMC O 11 13934 TRC4

```

BANK 1

UNL ENTIRE 256 STORAGE BANK

```

13934 RCV U      21968 J968
13939 TZB . 02 13974 T9P4
13944 TZB . 03 13974 T9G4
13949 TZB . 04 13974 TZ74
13954 TZB . 05 13974 TZX4
13959 TZB . 06 13974 TZP4
13964 TZB . 07 13974 TZG4
13969 TZB . 01 14014 U0/4
13974 TAA I 01 13989 T9Y9
13979 SEL 2      0500
13984 WR  R      14000 U000
13989 RCV U      14666 U666
13994 TSL 1 01 14654 U6V4
13999 TR  1      14014 U014

```

```

TEST MEM POS 2 FOR DILROY CONV
TEST FOR NO 2 BIT ---ERROR
TEST FOR NO 4 BIT ---ERROR
TEST FOR NO 8 BIT ---ERROR
TEST FOR NO A BIT ---ERROR
TEST FOR NO B BIT ---ERROR
TEST FOR NO C BIT ---ERROR

```

TEST FOR EXPECTED MISSING 1 BT

SB 071-1

```

2 008 14007
2 001 14008

```

SB 071-1

```

14014 RCV U      21967 J967
14019 TZB . 02 14054 U0N4
14024 TZB . 03 14054 U0E4
14029 TZB . 04 14054 U 54
14034 TZB . 05 14054 U V4
14039 TZB . 06 14054 U N4
14044 TZB . 07 14054 U E4
14049 TZB . 01 14094 U0Z4
14054 TAA I 01 14069 U0W9
14059 SEL 2      0500
14064 WR  R      14080 U080
14069 RCV U      14666 U666
14074 TSL 1 01 14654 U6V4
14079 TR  1      14094 U094

```

```

TEST MEM POS 3 FOR DILROY CONV
E
R
R
O
R
S

```

OK

SB 071-2

```

2 008 14087
2 001 14088

```

SB 071-2



ans/g0014819  
H06.....

```

#####
14334 RCV U 21937 J937
14339 TZB . 02 14374 U3P4
14344 TZB . 03 14374 U3G4
14349 TZB . 04 14374 UT74
14354 TZB . 05 14374 UTX4
14359 TZB . 06 14374 UTP4
14364 TZB . 07 14374 UTG4
#####
14369 TZB . 01 14414 U4/4
14374 TAA I 01 14389 U3Y9
14379 SEL 2 0500
14384 WR R 14400 U400
14389 RCV U 14666 U666
14394 TSL 1 01 14654 U6V4
14399 TR 1 14414 U414
#####

```

TEST MEM POS 33 FOR DILROY CVS

E  
R  
O  
R  
S

OK

SB 071-32

2 009 14408  
2 001 14409

SB 071-32  
□

```

##### I
14414 RCV U 21905 J905
14419 TZB . 02 14454 U4N4
14424 TZB . 03 14454 U4E4
14429 TZB . 04 14454 UU54
14434 TZB . 05 14454 UUV4
14439 TZB . 06 14454 UUN4
14444 TZB . 07 14454 UUE4
#####
14449 TZB . 01 14494 U4Z4
14454 TAA I 01 14469 U4W9
14459 SEL 2 0500
14464 WR R 14480 U480
14469 RCV U 14666 U666
14474 TSL 1 01 14654 U6V4
14479 TR 1 14494 U494
#####

```

TEST MEM POS 65 FOR DILROY CVS

E  
R  
O  
R  
S

OK

SB 071-64

2 009 14488  
2 001 14489

SB 071-64  
□

```

##### I
14494 RCV U 21841 J841
14499 TZB . 02 14534 U5L4
14504 TZB . 03 14534 U5C4
14509 TZB . 04 14534 UV34
14514 TZB . 05 14534 UVT4
14519 TZB . 06 14534 UVL4
14524 TZB . 07 14534 UVC4
#####
14529 TZB . 01 14579 U5X9
14534 TAA I 01 14549 U5U9
14539 SEL 2 0500
14544 WR R 14560 U560
14549 RCV U 14666 U666
14554 TSL 1 01 14654 U6V4
14559 TR 1 14579 U579
#####

```

TEST MEM POS 129 FOR DILROY CV

E  
R  
O  
R  
S

OK

SB 071-128

2 010 14569  
2 001 14570

SB 071-128  
□

J07...gscans/g00...  
 14579 RCV U 21714 J714  
 14589 TZB .02 14619 U6J9  
 14589 TZB .03 14619 U6A9  
 14594 TZB .04 14619 UW19  
 14599 TZB .05 14619 UW79  
 14604 TZB .06 14619 UWJ9  
 14609 TZB .07 14619 UWA9  
 14614 TZB .01 14644 U6U4  
 14619 TAA I 01 14634 U6T4  
 14624 SEL 2 0500  
 14629 WR R 14670 U670  
 14634 RCV U 14666 U666  
 14639 TSL I 01 14654 U6V4  
 14644 TAB I 02 13849 T8M9  
 14649 TR 1 14689 U689  
 14654 TAC I 03 14664 U6F4  
 14659 TR 1 14669 U669  
 14664 HLT J 0071  
 14669 TR 1  
 2 010 14679 SB 071-255  
 2 001 14680

TEST MEM POS 256 FOR DILROY CV  
 E  
 R  
 O  
 R  
 S

SB 071-255

STORAGE MARK PLACEMENT CHK AND SM TO DILROY CONVERSION -USB

L11...  
 14689 RCV U 21714 J714  
 14694 BLM \$ 0052  
 14699 TMC O 11 14704 UP&4  
 14704 SPC , 2000  
 14709 SET B 0000  
 14714 SET B 0255  
 14719 SET B 0128  
 14724 SET B 0064  
 14729 SET B 0032  
 14734 SET B 0016  
 14739 SET B 0008  
 14744 SET B 0004  
 14749 SET B 0002  
 14754 SET B 0001  
 14759 SPC , 2000  
 14764 USB , 05 21969 JZW9  
 14769 TMC O 11 14774 UPG4  
 14774 RCV U 21968 J968  
 14779 TZB .02 14814 U8J4  
 14784 TZB .03 14814 U8A4  
 14789 TZB .04 14814 UY14  
 14794 TZB .05 14814 UY74  
 14799 TZB .06 14814 UYJ4  
 14804 TZB .07 14814 UYA4  
 14809 TZB .01 14854 U8V4  
 14814 TAA I 01 14829 U8S9  
 14819 SEL 2 0500  
 14824 WR R 14840 U840  
 14829 RCV U 15506 V506  
 14834 TSL I 01 15494 V4Z4  
 14839 TR 1 14854 U854

BANK 2

PLACE SM AT 256  
 129  
 65  
 33  
 17  
 9  
 5  
 3  
 2

BANK 2 UNL ENTIRE 256 STORAGE BANK

TEST MEM POS 2 FOR DILROY CONV  
 TEST FOR NO 2 BIT --ERROR  
 TEST FOR NO 4 BIT --ERROR  
 TEST FOR NO 8 BIT --ERROR  
 TEST FOR NO A BIT --ERROR  
 TEST FOR NO B BIT --ERROR  
 TEST FOR NO C BIT --ERROR

TEST FOR EXPECTED MISSING 1 BT

SB 072-1

ans/g0014820.png  
2 008 14847  
2 001 14848

SB 072-1  
□

M08.....

□	14854	RCV	U		21967	J967	□
□	14859	TZB	•	02	14894	U8R4	□
□	14864	TZB	•	03	14894	U8I4	□
□	14869	TZB	•	04	14894	UY94	□
□	14874	TZB	•	05	14894	UYZ4	□
□	14879	TZB	•	06	14894	UYR4	□
□	14884	TZB	•	07	14894	UYI4	□
□							□ I
□	14889	TZB	•	01	14934	U9T4	□
□	14894	TAA	I	01	14909	U9 9	□
□	14899	SEL	2		0500		□ II
□	14904	WR	R		14920	U920	□ II
□	14909	RCV	U		15506	V506	□ II
□	14914	TSL	1	01	15494	V4Z4	□ Q11
□	14919	TR	1		14934	U934	□

TEST MEM POS 3 FOR DILROY CONV

E  
R  
R  
O  
R  
S

OK

SB 072-2

2 008 14927  
2 001 14928

SB 072-2  
□

□	14934	RCV	U		21965	J965	□
□	14939	TZB	•	02	14974	U9P4	□
□	14944	TZB	•	03	14974	U9G4	□
□	14949	TZB	•	04	14974	U274	□
□	14954	TZB	•	05	14974	UZX4	□
□	14959	TZB	•	06	14974	UZP4	□
□	14964	TZB	•	07	14974	UZG4	□
□							□ I
□	14969	TZB	•	01	15014	V0/4	□
□	14974	TAA	I	01	14989	U9Y9	□
□	14979	SEL	2		0500		□ II
□	14984	WR	R		15000	V000	□ II
□	14989	RCV	U		15506	V506	□ II
□	14994	TSL	1	01	15494	V4Z4	□ Q11
□	14999	TR	1		15014	V014	□

TEST MEM POS 5 FOR DILROY CONV

E  
R  
R  
O  
R  
S

OK

SB 072-4

2 008 15007  
2 001 15008

SB 072-4  
□

□	15014	RCV	U		21961	J961	□
□	15019	TZB	•	02	15054	V0N4	□
□	15024	TZB	•	03	15054	V0E4	□
□	15029	TZB	•	04	15054	V 54	□
□	15034	TZB	•	05	15054	V V4	□
□	15039	TZB	•	06	15054	V N4	□
□	15044	TZB	•	07	15054	V E4	□
□							□ I
□	15049	TZB	•	01	15094	V0Z4	□ N10
□	15054	TAA	I	01	15069	V0W9	□
□	15059	SEL	2		0500		□ I
□	15064	WR	R		15080	V080	□ I
□	15069	RCV	U		15506	V506	□
□	15074	TSL	1	01	15494	V4Z4	□ Q11
□	15079	TR	1		15094	V094	□ N10

TEST MEM POS 9 FOR DILROY CONV

E  
R  
R  
O  
R  
S

OK

SB 072-8





ans/g00T4821.png  
2 009 15328  
2 001 15329

SB 072-64  
□

P10.....

□	15334	RCV	U		21841	J841	□	
□	15339	TZB	•	02	15374	V3P4	□	
□	15344	TZB	•	03	15374	V3G4	□	Y
□	15349	TZB	•	04	15374	VT74	□	Y
□	15354	TZB	•	05	15374	VIX4	□	Y
□	15359	TZB	•	06	15374	VTP4	□	Y
□	15364	TZB	•	07	15374	VTG4	□	Y
□							□	I
□	15369	TZB	•	01	15419	V479	□	I
□	15374	TAA	I	01	15389	V3Y9	□	I
□	15379	SEL	2		0500		□	II
□	15384	WR	R		15400	V400	□	II
□	15389	RCV	U		15506	V506	□	II
□	15394	TSL	I	01	15494	V4Z4	□	I
□	15399	TR	I		15419	V419	□	I

TEST MEM POS 129 FOR DILROY CV

E  
R  
R  
O  
R  
S

OK

SB 072-128

2 010 15409  
2 001 15410

SB 072-128  
□

□	15419	RCV	U		21714	J714	□	I
□	15424	TZB	•	02	15459	V4N9	□	I
□	15429	TZB	•	03	15459	V4E9	□	I
□	15434	TZB	•	04	15459	VU59	□	I
□	15439	TZB	•	05	15459	VUV9	□	I
□	15444	TZB	•	06	15459	VUN9	□	I
□	15449	TZB	•	07	15459	VUE9	□	I
□							□	I
□	15454	TZB	•	01	15484	V4Y4	□	I
□	15459	TAA	I	01	15474	V4X4	□	I
□	15464	SEL	2		0500		□	II
□	15469	WR	R		15510	V510	□	II
□	15474	RCV	U		15506	V506	□	II
□	15479	TSL	I	01	15494	V4Z4	□	I
□	15484	TAB	I	02	14689	U6Q9	□	I
□	15489	TR	I		15529	V529	□	I

TEST MEM POS 256 FOR DILROY CV

E  
R  
R  
O  
R  
S

SB 072-255

Q08  
Q09  
Q10.....

□	15494	TAC	I	03	15504	V564	□	I
□	15499	TR	I		15509	V509	□	I
□	15504	HLT	J		0072		□	I
□	15509	TR	I				□	I

2 010 15519  
2 001 15520

SB 072-255  
□

STORAGE MARK PLACEMENT CHK AND  
SM TO DILROY CONVERSION -USB

gscans/g0014910.png

```

11 .....
15 .....
15529 RCV U      21714 J714
15534 BLM $      0052
15539 TMC O 11 15544 VND4
15544 SPC ,      3000
15549 SET B      0000
15554 SET B      0255
15559 SET B      0128
15564 SET B      0064
15569 SET B      0032
15574 SET B      0016
15579 SET B      0008
15584 SET B      0004
15589 SET B      0002
15594 SET B      0001
15599 SPC ,      3000
15604 USB , 05 21969 JZW9
15609 TMC O 11 15614 VOA4
15614 RCV U      21968 J968
15619 TZB . 02 15654 V6N4
15624 TZB . 03 15654 V6E4
15629 TZB . 04 15654 VW54
15634 TZB . 05 15654 VWV4
15639 TZB . 06 15654 VWN4
15644 TZB . 07 15654 VWE4
15649 TZB . 01 15694 V6Z4
15654 TAA I 01 15669 V6W9
15659 SEL 2      0500
15664 WR R      15680 V680
15669 RCV U      16346 W346
15674 TSL 1 01 16334 W3T4
15679 TR 1      15694 V694

```

BANK 3

```

PLACE SM AT 256
              129
              65
              33
              17
              9
              5
              3
              2

```

BANK 3

UNL ENTIRE 256 STORAGE BANK

```

TEST MEM POS 2 FOR DILROY CONV
TEST FOR NO 2 BIT  --ERROR
TEST FOR NO 4 BIT  --ERROR
TEST FOR NO 8 BIT  --ERROR
TEST FOR NO A BIT  --ERROR
TEST FOR NO B BIT  --ERROR
TEST FOR NO C BIT  --ERROR

```

TEST FOR EXPECTED MISSING 1 BT

SB 073-1

```

2 008 15687
2 001 15688

```

SB 073-1

```

15694 RCV U      21967 J967
15699 TZB . 02 15734 V7L4
15704 TZB . 03 15734 V7C4
15709 TZB . 04 15734 VX34
15714 TZB . 05 15734 VXT4
15719 TZB . 06 15734 VXL4
15724 TZB . 07 15734 VXC4
15729 TZB . 01 15774 V7X4
15734 TAA I 01 15749 V7U9
15739 SEL 2      0500
15744 WR R      15760 V760
15749 RCV U      16346 W346
15754 TSL 1 01 16334 W3T4
15759 TR 1      15774 V774

```

```

TEST MEM POS 3 FOR DILROY CONV
E
R
R
O
R
S

```

OK

SB 073-2

```

2 008 15767
2 001 15768

```

SB 073-2

trans/g0014822  
S12.....

□	15774	RCV	U	21965	J965	□
□	15779	TZB	• 02	15814	V8J4	□
□	15784	TZB	• 03	15814	V8A4	□
□	15789	TZB	• 04	15814	VY14	□
□	15794	TZB	• 05	15814	VY74	□
□	15799	TZB	• 06	15814	VYJ4	□
□	15804	TZB	• 07	15814	VYA4	□
□	15809	TZB	• 01	15854	V8V4	□
□	15814	TAA	I 01	15829	V8S9	□
□	15819	SEL	2	0500		□
□	15824	WR	R	15840	V840	□
□	15829	RCV	U	16346	W346	□
□	15834	TSL	1 01	16334	W3T4	□
□	15839	TR	1	15854	V854	□

TEST MEM POS 5 FOR DILROY CONV  
E  
R  
O  
R  
S

OK

SB 073-4

2 008 15847  
2 001 15848

SB 073-4  
□

□	15854	RCV	U	21961	J961	□
□	15859	TZB	• 02	15894	V8R4	□
□	15864	TZB	• 03	15894	V8I4	□
□	15869	TZB	• 04	15894	VY94	□
□	15874	TZB	• 05	15894	VYZ4	□
□	15879	TZB	• 06	15894	VYR4	□
□	15884	TZB	• 07	15894	VYI4	□
□	15889	TZB	• 01	15934	V9T4	□
□	15894	TAA	I 01	15909	V9 9	□
□	15899	SEL	2	0500		□
□	15904	WR	R	15920	V920	□
□	15909	RCV	U	16346	W346	□
□	15914	TSL	1 01	16334	W3T4	□
□	15919	TR	1	15934	V934	□

TEST MEM POS 9 FOR DILROY CONV  
E  
R  
O  
R  
S

OK

SB 073-8

2 008 15927  
2 001 15928

SB 073-8  
□

□	15934	RCV	U	21953	J953	□
□	15939	TZB	• 02	15974	V9P4	□
□	15944	TZB	• 03	15974	V9G4	□
□	15949	TZB	• 04	15974	VZ74	□
□	15954	TZB	• 05	15974	VZX4	□
□	15959	TZB	• 06	15974	VZP4	□
□	15964	TZB	• 07	15974	VZG4	□
□	15969	TZB	• 01	16014	W074	□
□	15974	TAA	I 01	15989	V9Y9	□
□	15979	SEL	2	0500		□
□	15984	WR	R	16000	W000	□
□	15989	RCV	U	16346	W346	□
□	15994	TSL	1 01	16334	W3T4	□
□	15999	TR	1	16014	W014	□

TEST MEM POS 17 FOR DILROY CVS  
E  
R  
O  
R  
S

OK

SB 073-16

2 009 16008  
2 001 16009

SB 073-16  
□

T 13  
gscans/g001

```

16014 RCV U 21937 J937
16019 TZB 02 16054 W0N4
16024 TZB 03 16054 W0E4
16029 TZB 04 16054 W 54
16034 TZB 05 16054 W V4
16039 TZB 06 16054 W N4
16044 TZB 07 16054 W E4
16049 TZB 01 16094 W0Z4
16054 TAA I 01 16069 W0W9
16059 SEL 2 0500
16064 WR R 16080 W080
16069 RCV U 16346 W346
16074 TSL 1 01 16334 W3T4
16079 TR 1 16094 W094

```

TEST MEM POS 33 FOR DILROY CVS

E  
R  
R  
O  
R  
S

OK

SB 073-32

2 009 16088  
2 001 16089

SB 073-32

```

16094 RCV U 21905 J905
16099 TZB 02 16134 W1L4
16104 TZB 03 16134 W1C4
16109 TZB 04 16134 W/34
16114 TZB 05 16134 W/T4
16119 TZB 06 16134 W/L4
16124 TZB 07 16134 W/C4
16129 TZB 01 16174 W1X4
16134 TAA I 01 16149 W1U9
16139 SEL 2 0500
16144 WR R 16160 W160
16149 RCV U 16346 W346
16154 TSL 1 01 16334 W3T4
16159 TR 1 16174 W174

```

TEST MEM POS 65 FOR DILROY CVS

E  
R  
R  
O  
R  
S

OK

SB 073-64

2 009 16168  
2 001 16169

SB 073-64

```

16174 RCV U 21841 J841
16179 TZB 02 16214 W2J4
16184 TZB 03 16214 W2A4
16189 TZB 04 16214 WS14
16194 TZB 05 16214 WS74
16199 TZB 06 16214 WSJ4
16204 TZB 07 16214 WSA4
16209 TZB 01 16259 W2V9
16214 TAA I 01 16229 W2S9
16219 SEL 2 0500
16224 WR R 16240 W240
16229 RCV U 16346 W346
16234 TSL 1 01 16334 W3T4
16239 TR 1 16259 W259

```

TEST MEM POS 129 FOR DILROY CV

E  
R  
R  
O  
R  
S

OK

SB 073-128

2 010 16249  
2 001 16250

SB 073-128

ns/g0014823  
U14.....

```

16259 RCV U 21714 J714
16264 TZB . 02 16299 W2R9
16269 TZB . 03 16299 W2I9
16274 TZB . 04 16299 WS99
16279 TZB . 05 16299 WSZ9
16284 TZB . 06 16299 WSR9
16289 TZB . 07 16299 WSI9
16294 TZB . 01 16324 W3S4
16299 TAA I 01 16314 W3/4
16304 SEL 2 0500
16309 WR R 16350 W350
16314 RCV U 16346 W346
16319 TSL 1 01 16334 W3T4
16324 TAB I 02 15529 V5K9
16329 TR 1 16369 W369
16334 TAC I 03 16344 W3D4
16339 TR 1 16349 W349
16344 HLT J 0073
16349 TR 1

```

TEST MEM POS 256 FOR DILROY CV  
 E  
 R  
 R  
 O  
 R  
 S

SB 073-255

V12  
V13  
V14.....

2 010 16359  
2 001 16360

SB 073-255  
□

STORAGE MARK PLACEMENT CHK AND  
SM TO DILROY CONVERSION -USE

W18.....

```

16369 RCV U 21714 J714
16374 BLM $ 0052
16379 TMC O 11 16384 WLH4
16384 SPC , 4000
16389 SET B 0000
16394 SET B 0255
16399 SET B 0128
16404 SET B 0064
16409 SET B 0032
16414 SET B 0016
16419 SET B 0008
16424 SET B 0004
16429 SET B 0002
16434 SET B 0001
16439 SPC , 4000
16444 USB , 05 21969 JZW9
16449 TMC O 11 16454 WME4
16454 RCV U 21968 J968
16459 TZB . 02 16494 W4R4
16464 TZB . 03 16494 W4I4
16469 TZB . 04 16494 WU94
16474 TZB . 05 16494 WUZ4
16479 TZB . 06 16494 WUR4
16484 TZB . 07 16494 WUI4
16489 TZB . 01 16534 W5T4
16494 TAA I 01 16509 W5 9
16499 SEL 2 0500
16504 WR R 16520 W520
16509 RCV U 17186 X186
16514 TSL 1 01 17174 X1X4
16519 TR 1 16534 W534

```

BANK 4

PLACE SM AT 256  
 129  
 65  
 33  
 17  
 9  
 5  
 3  
 2

BANK 4  
UNL ENTIRE 256 STORAGE BANK

TEST MEM POS 2 FOR DILROY CONV  
 TEST FOR NO 2 BIT --ERROR  
 TEST FOR NO 4 BIT --ERROR  
 TEST FOR NO 8 BIT --ERROR  
 TEST FOR NO A BIT --ERROR  
 TEST FOR NO B BIT --ERROR  
 TEST FOR NO C BIT --ERROR

TEST FOR EXPECTED MISSING 1 BT

SB 074-1

gscars/008146527  
2 001 16528

SB 074-1  
□

15.....

□	16534	RCV	U	21967	J967	□
□	16539	TZB	• 02	16574	W5P4	□
□	16544	TZB	• 03	16574	W5G4	□
□	16549	TZB	• 04	16574	WV74	□
□	16554	TZB	• 05	16574	WVX4	□
□	16559	TZB	• 06	16574	WVP4	□
□	16564	TZB	• 07	16574	WVG4	□
□	16569	TZB	• 01	16614	W6/4	□
□	16574	TAA	I 01	16589	W5Y9	□
□	16579	SEL	2	0500		□
□	16584	WR	R	16600	W600	□
□	16589	RCV	U	17186	X186	□
□	16594	TSL	1 01	17174	X1X4	□
□	16599	TR	1	16614	W614	□

TEST MEM POS 3 FOR DILROY CONV

E  
R  
R  
O  
R  
S

OK

SB 074-2

2 008 16607  
2 001 16608

SB 074-2  
□

□	16614	RCV	U	21965	J965	□
□	16619	TZB	• 02	16654	W6N4	□
□	16624	TZB	• 03	16654	W6E4	□
□	16629	TZB	• 04	16654	WW54	□
□	16634	TZB	• 05	16654	WWV4	□
□	16639	TZB	• 06	16654	WWN4	□
□	16644	TZB	• 07	16654	WWE4	□
□	16649	TZB	• 01	16694	W6Z4	□
□	16654	TAA	I 01	16669	W6W9	□
□	16659	SEL	2	0500		□
□	16664	WR	R	16680	W680	□
□	16669	RCV	U	17186	X186	□
□	16674	TSL	1 01	17174	X1X4	□
□	16679	TR	1	16694	W694	□

TEST MEM POS 5 FOR DILROY CONV

E  
R  
R  
O  
R  
S

OK

SB 074-4

2 008 16687  
2 001 16688

SB 074-4  
□

□	16694	RCV	U	21961	J961	□
□	16699	TZB	• 02	16734	W7L4	□
□	16704	TZB	• 03	16734	W7C4	□
□	16709	TZB	• 04	16734	WX34	□
□	16714	TZB	• 05	16734	WXT4	□
□	16719	TZB	• 06	16734	WXL4	□
□	16724	TZB	• 07	16734	WXC4	□
□	16729	TZB	• 01	16774	W7X4	□
□	16734	TAA	I 01	16749	W7U9	□
□	16739	SEL	2	0500		□
□	16744	WR	R	16760	W760	□
□	16749	RCV	U	17186	X186	□
□	16754	TSL	1 01	17174	X1X4	□
□	16759	TR	1	16774	W774	□

TEST MEM POS 9 FOR DILROY CONV

E  
R  
R  
O  
R  
S

OK

SB 074-8

ans/g0014884.png  
2 008 16767  
2 001 16768

SB 074-8  
□

Y16.....

□	16774	RCV	U	21953	J953	□
□	16779	TZB	• 02	16814	W8J4	□
□	16784	TZB	• 03	16814	W8A4	□
□	16789	TZB	• 04	16814	WY14	□
□	16794	TZB	• 05	16814	WY74	□
□	16799	TZB	• 06	16814	WYJ4	□
□	16804	TZB	• 07	16814	WYA4	□
□						□ I
□	16809	TZB	• 01	16854	W8V4	□
□	16814	TAA	I 01	16829	W8S9	□
□	16819	SEL	2	0500		□ II
□	16824	WR	R	16840	W840	□ II
□	16829	RCV	U	17186	X186	□
□	16834	TSL	1 01	17174	X1X4	□
□	16839	TR	1	16854	W854	□

□

TEST MEM POS 17 FOR DILROY CVS

E  
R  
R  
O  
R  
S

OK

SB 074-16

2 009 16848  
2 001 16849

SB 074-16  
□

□	16854	RCV	U	21937	J937	□
□	16859	TZB	• 02	16894	W8R4	□
□	16864	TZB	• 03	16894	W8I4	□
□	16869	TZB	• 04	16894	WY94	□
□	16874	TZB	• 05	16894	WYZ4	□
□	16879	TZB	• 06	16894	WYR4	□
□	16884	TZB	• 07	16894	WYI4	□
□						□ I
□	16889	TZB	• 01	16934	W9T4	□
□	16894	TAA	I 01	16909	W9 9	□
□	16899	SEL	2	0500		□ II
□	16904	WR	R	16920	W920	□ II
□	16909	RCV	U	17186	X186	□
□	16914	TSL	1 01	17174	X1X4	□
□	16919	TR	1	16934	W934	□

□

TEST MEM POS 33 FOR DILROY CVS

E  
R  
R  
O  
R  
S

OK

SB 074-32

2 009 16928  
2 001 16929

SB 074-32  
□

□	16934	RCV	U	21905	J905	□
□	16939	TZB	• 02	16974	W9P4	□
□	16944	TZB	• 03	16974	W9G4	□
□	16949	TZB	• 04	16974	WZ74	□
□	16954	TZB	• 05	16974	WZX4	□
□	16959	TZB	• 06	16974	WZP4	□
□	16964	TZB	• 07	16974	WZG4	□
□						□ I
□	16969	TZB	• 01	17014	X074	□
□	16974	TAA	I 01	16989	W9Y9	□
□	16979	SEL	2	0500		□ II
□	16984	WR	R	17000	X000	□ I
□	16989	RCV	U	17186	X186	□
□	16994	TSL	1 01	17174	X1X4	□
□	16999	TR	1	17014	X014	□

□

TEST MEM POS 65 FOR DILROY CVS

E  
R  
R  
O  
R  
S

OK

SB 074-64

gscans/g0014907.png  
2 009 17008  
2 001 17009

SB 074-64  
□

Z17.....

□	17014	RCV	U	21841	J841	□	
□	17019	TZB	• 02	17054	XON4	□	Y
□	17024	TZB	• 03	17054	XOE4	□	Y
□	17029	TZB	• 04	17054	X 54	□	Y
□	17034	TZB	• 05	17054	X V4	□	Y
□	17039	TZB	• 06	17054	X N4	□	Y
□	17044	TZB	• 07	17054	X E4	□	Y
□						□	I
□	17049	TZB	• 01	17099	XOZ9	□	I
□	17054	TAA	I 01	17069	XOW9	□	I
□	17059	SEL	2	0500		□	II
□	17064	WR	R	17080	X080	□	II
□	17069	RCV	U	17186	X186	□	II
□	17074	TSL	I 01	17174	X1X4	□	I
□	17079	TR	1	17099	X099	□	Y

TEST MEM POS 129 FOR DILROY CV

E  
R  
R  
O  
R  
S

OK

SB 074-128

2 010 17089  
2 001 17090

SB 074-128  
□

□	17099	RCV	U	21714	J714	□	I
□	17104	TZB	• 02	17139	X1L9	□	I
□	17109	TZB	• 03	17139	X1C9	□	I
□	17114	TZB	• 04	17139	X/39	□	I
□	17119	TZB	• 05	17139	X/T9	□	I
□	17124	TZB	• 06	17139	X/L9	□	I
□	17129	TZB	• 07	17139	X/C9	□	I
□						□	I
□	17134	TZB	• 01	17164	X1W4	□	I
□	17139	TAA	I 01	17154	X1V4	□	I
□	17144	SEL	2	0500		□	II
□	17149	WR	R	17190	X190	□	II
□	17154	RCV	U	17186	X186	□	II
□	17159	TSL	I 01	17174	X1X4	□	I
□	17164	TAB	I 02	16369	W309	□	I
□	17169	TR	1	17209	X209	□	I

TEST MEM POS 256 FOR DILROY CV

E  
R  
R  
O  
R  
S

SB 074-255

AA15  
AA16

AA17.....

□	17174	TAC	I 03	17184	X1H4	□	I
□	17179	TR	1	17189	X189	□	I
□	17184	HLT	J	0074		□	I
□	17189	TR	1			□	I

W15  
AB19

2 010 17199  
2 001 17200

SB 074-255  
□



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ROUTINES 75-79  
STORAGE MARK PLACEMENT CHK AND  
SM TO DILROY CONVERSION -USB

```

B18..... 17209 RCV U      21714 J714  □
I  17214 BLM $        0052          □
I  17219 TMC O 11 17224 XKB4-□-□-
I  17224 SPC ,        0000.....□
I  17229 SET B        0000          □
I  17234 SET B        0256          □
I  17239 SPC ,        0000          □
I  17244 USB , 05 21969 JZW9 □
I  17249 TMC O 11 17254 XKE4-□-□-
I  17254 RCV U      21969 J969.....□
I  17259 TZB . 03 17294 X214-□-□-
I  17264 TZB . 05 17294 XSZ4-□-□-
I  17269 TZB . 06 17294 XSR4-□-□-
I  17274 TZB . 02 17294 X2R4-□-□-
I  17279 TZB . 04 17294 XS94-□-□-
I  17284 TZB . 07 17294 XSI4-□-□-
I  17289 TZB . 01 17324 X3S4-□-□-
I  17294 TAA I 01 17309 X3 9.....□
I  17299 SEL 2        0500          □
I  17304 WR  R      17330 X330 □
I  17309 TAC I 03 17319 X3A9.....□
I  17314 TR  1      17324 X324-□-□-
I  17319 HLT J        0075.....□
I  17324 TAB I 02 17209 X2-9.....□
I  17329 TR  1      17344 X344-□-□-

```

```

BANK 0
PLACE SM AT 1 -256 WRAP AROUND

BANK 0
UNL ENTIRE 256 STORAGE BANK

TEST MEM POS 1 FOR DILROY CONV
TEST FOR NO 4 BIT ---ERROR
TEST FOR NO A BIT ---ERROR
TEST FOR NO B BIT ---ERROR
TEST FOR NO 2 BIT ---ERROR
TEST FOR NO 8 BIT ---ERROR
TEST FOR NO C BIT ---ERROR

TEST FOR EXPECTED MISSING 1 BT

```

```

2 006 17335 SB 075
2 001 17336  □

```

SB 075

STORAGE MARK PLACEMENT CHK AND  
SM TO DILROY CONVERSION -USB

```

AC20..... 17344 RCV U      21714 J714.....□
I  17349 BLM $        0052          □
I  17354 TMC O 11 17359 XLE9-□-□-
I  17359 SPC ,        1000.....□
I  17364 SET B        0000          □
I  17369 SET B        0256          □
I  17374 SPC ,        1000          □
I  17379 USB , 05 21969 JZW9 □
I  17384 TMC O 11 17389 XLH9-□-□-
I  17389 RCV U      21969 J969.....□
I  17394 TZB . 03 17429 X4B9-□-□-AD20
I  17399 TZB . 05 17429 XUS9-□-□-AD20
I  17404 TZB . 06 17429 XUK9-□-□-AD20
I  17409 TZB . 02 17429 X4K9-□-□-AD20
I  17414 TZB . 04 17429 XU29-□-□-AD20
I  17419 TZB . 07 17429 XUB9-□-□-AD20
I  17424 TZB . 01 17459 X4V9-□-□-AE20

```

```

BANK 1
PLACE SM AT 1 -256 WRAP AROUND

BANK 1
UNL ENTIRE 256 STORAGE BANK

TEST MEM POS 1 FOR DILROY CONV
TEST FOR NO 4 BIT ---ERROR
TEST FOR NO A BIT ---ERROR
TEST FOR NO B BIT ---ERROR
TEST FOR NO 2 BIT ---ERROR
TEST FOR NO 8 BIT ---ERROR
TEST FOR NO C BIT ---ERROR

TEST FOR EXPECTED MISSING 1 BT

```

NEXT PAGE



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```

AF20.....
I 17614 RCV U 21714 J714
I 17619 BLM $ 0052
I 17624 TMC O 11 17629 XOB9
I 17629 SPC , 3000
I 17634 SET B 0000
I 17639 SET B 0256
I 17644 SPC , 3000
I 17649 USB , 05 21969 JZW9
I 17654 TMC O 11 17659 XOE9
I 17659 RCV U 21969 J969
I 17664 TZB . 03 17699 X6I9
I 17669 TZB . 05 17699 XWZ9
I 17674 TZB . 06 17699 XWR9
I 17679 TZB . 02 17699 X6R9
I 17684 TZB . 04 17699 XW99
I 17689 TZB . 07 17699 XWI9
I 17694 TZB . 01 17729 X7S9
I 17699 TAA I 01 17714 X7/4
I 17704 SEL 2 0500
I 17709 WR R 17735 X735
I 17714 TAC I 03 17724 X7B4
I 17719 TR 1 17729 X729
I 17724 HLT J 0078
I 17729 TAB I 02 17614 X6J4
I 17734 TR 1 17749 X749

```

2 006 17740 SB 078  
2 001 17741

BANK 3  
PLACE SM AT 1 -256 WRAP AROUND  
BANK 3  
UNL ENTIRE 256 STORAGE BANK

TEST MEM POS 1 FOR DILROY CONV  
TEST FOR NO 4 BIT ---ERROR  
TEST FOR NO A BIT ---ERROR  
TEST FOR NO B BIT ---ERROR  
TEST FOR NO 2 BIT ---ERROR  
TEST FOR NO 8 BIT ---ERROR  
TEST FOR NO C BIT ---ERROR

TEST FOR EXPECTED MISSING 1 BT

SB 078

```

AG22.....
I 17749 RCV U 21714 J714
I 17754 BLM $ 0052
I 17759 TMC O 11 17764 XPF4
I 17764 SPC , 4000
I 17769 SET B 0000
I 17774 SET B 0256
I 17779 SPC , 4000
I 17784 USB , 05 21969 JZW9
I 17789 TMC O 11 17794 XPI4
I 17794 RCV U 21969 J969
I 17799 TZB . 03 17834 X8C4
I 17804 TZB . 05 17834 XYT4
I 17809 TZB . 06 17834 XYL4
I 17814 TZB . 02 17834 X8L4
I 17819 TZB . 04 17834 XY34
I 17824 TZB . 07 17834 XYC4
I 17829 TZB . 01 17864 X8W4

```

NEXT PAGE

BANK 4  
PLACE SM AT 1 -256 WRAP AROUND  
BANK 4  
UNL ENTIRE 256 STORAGE BANK

TEST MEM POS 1 FOR DILROY CONV  
TEST FOR NO 4 BIT ---ERROR  
TEST FOR NO A BIT ---ERROR  
TEST FOR NO B BIT ---ERROR  
TEST FOR NO 2 BIT ---ERROR  
TEST FOR NO 8 BIT ---ERROR  
TEST FOR NO C BIT ---ERROR

TEST FOR EXPECTED MISSING 1 BT

gscans/g0014905.png

```

H21..... 17834 TAA I 01 17849 X889 - I
          17839 SEL 2      0500      I
          17844 WR  R      17870 X870  I
          17849 TAC I 03 17859 X8E9 - I
          17854 TR  1      17864 X864 - I
          17859 HLT J      0079      I
J21..... 17864 TAB I 02 17749 X7M9 - AG21
          17869 TR  1      19004 Z004 - AK23

```

SB 079

```

2 006 17875
2 001 17876

```

```

SB 079

```

ans/g0014827.png

ROUTINES 80-81  
BANK 1 ASU SELECTION DURING  
BANK 0 SPC 0000 SETTING  
SM PLACEMENT & DILROY CHK -USB

AK22  
AK28.....

```

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
19004 RCV U      21714 J714
19009 BLM $      0052
19014 TMC O 11 19019 Z-A9-----I
19019 SPC ,      0000.....I
19024 SET B      0000
19029 SET B      0255
19034 SET B 01   0000 00 0
19039 SET B 01   0255 02V5
19044 SET B 01   0001 00 1
19049 SET B 02   0002 00-2
19054 SET B 03   0003 00&3
19059 SET B 04   0004 0 04
19064 SET B 05   0005 0 5
19069 SET B 06   0006 0 -6
19074 SET B 07   0007 0 &7
19079 SET B 08   0008 0-08
19084 SET B 09   0009 0- 9
19089 SET B 10   0010 0-J0
19094 SET B 11   0011 0-A1
19099 SET B 12   0012 0&12
19104 SET B 13   0013 0&13
19109 SET B 14   0014 0&J4
19114 SET B 15   0015 0&A5
19119 SPC ,      1000
19124 USB , 05 21969 JZW9
19129 TMC O 11 19134 ZJC4-----I
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
19134 RCV U      21968 J968.....I
19139 TZB . 03 19174 Z1G4-----X
19144 TZB . 05 19174 Z/X4-----X
19149 TZB . 06 19174 Z/P4-----X
19154 TZB . 02 19174 Z1P4-----X
19159 TZB . 04 19174 Z/74-----X
19164 TZB . 07 19174 Z/G4-----X
19169 TZB . 01 19214 Z2/4-----AL24
19174 TAA I 01 19189 Z1Y9-----I
19179 SEL 2      0500
19184 WR R      19200 Z200
19189 RCV U      20341 -341.....I
19194 TSL 1 01 20329 -3S9-----AR28
19199 TR 1      19214 Z214-----AL24
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

```

BANK 0 ACC 00  
RESET  
SET ACC 255

BANK 1 ASU 01			
SET ASU 01-15	255		
PLACE SM AT	2	--ASU 01 AT	2
	19	02	3
	36	03	4
	53	04	5
	70	05	6
	87	06	7
	104	07	8
	121	08	9
	138	09	10
	155	10	11
	172	11	12
	189	12	13
	206	13	14
	223	14	15
	240	15	16

BANK 1 ASU 01-15  
UNL ENTIRE 256 STORAGE BANK

TEST MEM POS 2 FOR DILROY  
TEST FOR NO 4 BIT- E  
TEST FOR NO A BIT- R  
TEST FOR NO B BIT- R  
TEST FOR NO 2 BIT- O  
TEST FOR NO 8 BIT- R  
TEST FOR NO C BIT- S  
TEST FOR EXP MISSING 1 BIT -OK

SB 080-01

2 009 19208  
2 001 19209

SB 080-01  
□

gscans/g0014904.png

```

L23.....19214 RCV U 21951 J951
19219 TZB . 03 19254 Z2E4
19224 TZB . 05 19254 ZSV4
19229 TZB . 06 19254 ZSN4
19234 TZB . 02 19254 Z2N4
19239 TZB . 04 19254 ZS54
19244 TZB . 07 19254 ZSE4
19249 TZB . 01 19294 Z2Z4
19254 TAA I 01 19269 Z2W9
19259 SEL 2 0500
19264 WR R 19280 Z280
19269 RCV U 20341 -341
19274 TSL 1 01 20329 -3S9
19279 TR 1 19294 Z294

```

TEST MEM POS 19 FOR DILROY

SB 080-02

2 009 19288
2 001 19289

SB 080-02

```

19294 RCV U 21934 J934
19299 TZB . 03 19334 Z3C4
19304 TZB . 05 19334 ZTT4
19309 TZB . 06 19334 ZTL4
19314 TZB . 02 19334 Z3L4
19319 TZB . 04 19334 ZT34
19324 TZB . 07 19334 ZTC4
19329 TZB . 01 19374 Z3X4
19334 TAA I 01 19349 Z3U9
19339 SEL 2 0500
19344 WR R 19360 Z360
19349 RCV U 20341 -341
19354 TSL 1 01 20329 -3S9
19359 TR 1 19374 Z374

```

TEST MEM POS 36 FOR DILROY

SB 080-03

2 009 19368
2 001 19369

SB 080-03

```

19374 RCV U 21917 J917
19379 TZB . 03 19414 Z4A4
19384 TZB . 05 19414 ZU/4
19389 TZB . 06 19414 ZUJ4
19394 TZB . 02 19414 Z4J4
19399 TZB . 04 19414 ZU14
19404 TZB . 07 19414 ZUA4
19409 TZB . 01 19454 Z4V4
19414 TAA I 01 19429 Z4S9
19419 SEL 2 0500
19424 WR R 19440 Z440
19429 RCV U 20341 -341
19434 TSL 1 01 20329 -3S9
19439 TR 1 19454 Z454

```

TEST MEM POS 53 FOR DILROY

SB 080-04

2 009 19448
2 001 19449

SB 080-04

trans/g0014828  
AM24.....

```

19454 RCV U 21900 J900
19459 TZB . 03 19494 Z414
19464 TZB . 05 19494 ZUZ4
19469 TZB . 06 19494 ZUR4
19474 TZB . 02 19494 Z4R4
19479 TZB . 04 19494 ZU94
19484 TZB . 07 19494 ZUI4
19489 TZB . 01 19534 Z5T4
19494 TAA I 01 19509 Z5 9
19499 SEL 2 0500
19504 WR R 19520 Z520
19509 RCV U 20341 -341
19514 TSL 1 01 20329 -3S9
19519 TR 1 19534 Z534

```

TEST MEM POS 70 FOR DILROY

SB 080-05

2 009 19528  
2 001 19529

SB 080-05

```

19534 RCV U 21883 J883
19539 TZB . 03 19574 Z5G4
19544 TZB . 05 19574 ZVX4
19549 TZB . 06 19574 ZVP4
19554 TZB . 02 19574 Z5P4
19559 TZB . 04 19574 ZV74
19564 TZB . 07 19574 ZVG4
19569 TZB . 01 19614 Z6/4
19574 TAA I 01 19589 Z5Y9
19579 SEL 2 0500
19584 WR R 19600 Z600
19589 RCV U 20341 -341
19594 TSL 1 01 20329 -3S9
19599 TR 1 19614 Z614

```

TEST MEM POS 87 FOR DILROY

SB 080-06

2 009 19608  
2 001 19609

SB 080-06

```

19614 RCV U 21866 J866
19619 TZB . 03 19654 Z6E4
19624 TZB . 05 19654 ZWV4
19629 TZB . 06 19654 ZWN4
19634 TZB . 02 19654 Z6N4
19639 TZB . 04 19654 ZW54
19644 TZB . 07 19654 ZWE4
19649 TZB . 01 19694 Z6Z4
19654 TAA I 01 19669 Z6W9
19659 SEL 2 0500
19664 WR R 19680 Z680
19669 RCV U 20341 -341
19674 TSL 1 01 20329 -3S9
19679 TR 1 19694 Z694

```

TEST MEM POS 104 FOR DILROY

SB 080-07

2 009 19688  
2 001 19689

SB 080-07

gscans/g0014903.mpg

AN25.....

□	19694	RCV	U		21849	J849	□
□	19699	TZB	•	03	19734	Z7C4	□
□	19704	TZB	•	05	19734	ZXT4	□
□	19709	TZB	•	06	19734	ZXL4	□
□	19714	TZB	•	02	19734	Z7L4	□
□	19719	TZB	•	04	19734	ZX34	□
□	19724	TZB	•	07	19734	ZXC4	□
□	19729	TZB	•	01	19774	Z7X4	□
□	19734	TAA	I	01	19749	Z7U9	□
□	19739	SEL	2		0500		□
□	19744	WR	R		19760	Z760	□
□	19749	RCV	U		20341	-341	□
□	19754	TSL	1	01	20329	-3S9	□
□	19759	TR	1		19774	Z774	□

TEST MEM POS 121 FOR DILROY

SB 080-08

2 009 19768  
2 001 19769

SB 080-08

□	19774	RCV	U		21832	J832	□
□	19779	TZB	•	03	19814	Z8A4	□
□	19784	TZB	•	05	19814	ZY/4	□
□	19789	TZB	•	06	19814	ZYJ4	□
□	19794	TZB	•	02	19814	Z8J4	□
□	19799	TZB	•	04	19814	ZY14	□
□	19804	TZB	•	07	19814	ZYA4	□
□	19809	TZB	•	01	19854	Z8V4	□
□	19814	TAA	I	01	19829	Z8S9	□
□	19819	SEL	2		0500		□
□	19824	WR	R		19840	Z840	□
□	19829	RCV	U		20341	-341	□
□	19834	TSL	1	01	20329	-3S9	□
□	19839	TR	1		19854	Z854	□

TEST MEM POS 138 FOR DILROY

SB 080-09

2 009 19848  
2 001 19849

SB 080-09

□	19854	RCV	U		21815	J815	□
□	19859	TZB	•	03	19894	Z8I4	□
□	19864	TZB	•	05	19894	ZYZ4	□
□	19869	TZB	•	06	19894	ZYR4	□
□	19874	TZB	•	02	19894	Z8R4	□
□	19879	TZB	•	04	19894	ZY94	□
□	19884	TZB	•	07	19894	ZYI4	□
□	19889	TZB	•	01	19934	Z9T4	□
□	19894	TAA	I	01	19909	Z9 9	□
□	19899	SEL	2		0500		□
□	19904	WR	R		19920	Z920	□
□	19909	RCV	U		20341	-341	□
□	19914	TSL	1	01	20329	-3S9	□
□	19919	TR	1		19934	Z934	□

TEST MEM POS 155 FOR DILROY

SB 080-10

2 009 19928  
2 001 19929

SB 080-10



ns/g0014829  
P26

TEST MEM POS 172 FOR DILROY

```

19934 RCV U 21798 J798
19939 TZB . 03 19974 Z9G4-
19944 TZB . 05 19974 ZZX4-
19949 TZB . 06 19974 ZP4-
19954 TZB . 02 19974 Z9P4-
19959 TZB . 04 19974 ZZ74-
19964 TZB . 07 19974 ZZG4-
19969 TZB . 01 20014 -0/4-
19974 TAA I 01 19989 Z9Y9-
19979 SEL 2 0500
19984 WR R 20000 -000
19989 RCV U 20341 -341-
19994 TSL 1 01 20329 -3S9-
19999 TR 1 20014 -014-

```

SB 080-11

2 009 20008  
2 001 20009

SB 080-11

```

20014 RCV U 21781 J781-
20019 TZB . 03 20054 -0E4-
20024 TZB . 05 20054 -V4-
20029 TZB . 06 20054 -N4-
20034 TZB . 02 20054 -ON4-
20039 TZB . 04 20054 -54-
20044 TZB . 07 20054 -E4-
20049 TZB . 01 20094 -0Z4-
20054 TAA I 01 20069 -0W9-
20059 SEL 2 0500
20064 WR R 20080 -080
20069 RCV U 20341 -341-
20074 TSL 1 01 20329 -3S9-
20079 TR 1 20094 -094-

```

TEST MEM POS 189 FOR DILROY

SB 080-12

2 009 20088  
2 001 20089

SB 080-12

```

20094 RCV U 21764 J764-
20099 TZB . 03 20134 -1C4-
20104 TZB . 05 20134 -/T4-
20109 TZB . 06 20134 -/L4-
20114 TZB . 02 20134 -1L4-
20119 TZB . 04 20134 -/34-
20124 TZB . 07 20134 -/C4-
20129 TZB . 01 20174 -1X4-
20134 TAA I 01 20149 -1U9-
20139 SEL 2 0500
20144 WR R 20160 -160
20149 RCV U 20341 -341-
20154 TSL 1 01 20329 -3S9-
20159 TR 1 20174 -174-

```

TEST MEM POS 206 FOR DILROY

SB 080-13

2 009 20168  
2 001 20169

SB 080-13

gscans/g0014902019  
AQ27.....

```

#####
20174 RCV U 21747 J747
20179 TZB . 03 20214 -2A4-
20184 TZB . 05 20214 -S74-
20189 TZB . 06 20214 -SJ4-
20194 TZB . 02 20214 -2J4-
20199 TZB . 04 20214 -S14-
20204 TZB . 07 20214 -SA4-
20209 TZB . 01 20254 -2V4-
20214 TAA I 01 20229 -2S9-
20219 SEL 2 0500
20224 WR R 20240 -240
20229 RCV U 20341 -341
20234 TSL 1 01 20329 -3S9-
20239 TR 1 20254 -254-
#####

```

TEST MEM POS 223 FOR DILROY

SB 080-14

2 009 20248  
2 001 20249

SB 080-14

```

##### I I
20254 RCV U 21730 J730
20259 TZB . 03 20294 -2I4-
20264 TZB . 05 20294 -SZ4-
20269 TZB . 06 20294 -SR4-
20274 TZB . 02 20294 -2R4-
20279 TZB . 04 20294 -S94-
20284 TZB . 07 20294 -SI4-
20289 TZB . 01 20319 -379-
20294 TAA I 01 20309 -3 9
20299 SEL 2 0500
20304 WR R 20345 -345
20309 RCV U 20341 -341
20314 TSL 1 01 20329 -3S9-
20319 TAB I 02 19004 Z0-4
20324 TR 1 20359 -359-
#####

```

TEST MEM POS 240 FOR DILROY

SB 080-15

AR23  
AR24  
AR25  
AR26  
AR27.....

```

##### I I
20329 TAC I 03 20339 -3C9-
20334 TR 1 20344 -344-
20339 HLT J 0080
20344 TR 1
#####

```

2 009 20353  
2 001 20354

SB 080-15

BANK 3 ASU SELECTION DURING  
BANK 2 SPC 2000 SETTING  
SM PLACEMENT & DILROY CHK -USB

ans/g0014830.png

S28

AS34.....

```

#####
□ 20359 RCV U      21714 J714 □
□ 20364 BLM $      0052 □
□ 20369 TMC O 11 20374 -LG4- □
#####
□ 20374 SPC $      2000..... □
□ 20379 SET B      0000 □
□ 20384 SET B      0255 □
#####
□ 20389 SET B 01   0000 00 0 □
□ 20394 SET B 01   0255 02V5 □
□ 20399 SET B 01   0001 00 1 □
□ 20404 SET B 02   0002 00-2 □
□ 20409 SET B 03   0003 00&3 □
□ 20414 SET B 04   0004 0 04 □
□ 20419 SET B 05   0005 0 5 □
□ 20424 SET B 06   0006 0 -6 □
□ 20429 SET B 07   0007 0 &7 □
□ 20434 SET B 08   0008 0-08 □
□ 20439 SET B 09   0009 0- 9 □
□ 20444 SET B 10   0010 0-J0 □
□ 20449 SET B 11   0011 0-A1 □
□ 20454 SET B 12   0012 0&12 □
□ 20459 SET B 13   0013 0&13 □
□ 20464 SET B 14   0014 0&14 □
□ 20469 SET B 15   0015 0&A5 □
#####
□ 20474 SPC $      3000 □
□ 20479 USB $ 05 21969 JZW9 □
□ 20484 TMC O 11 20489 -MH9- □
#####
□ 20489 RCV U      21968 J968... □
□ 20494 TZB • 03 20529 -5B9- □
□ 20499 TZB • 05 20529 -VS9- □
□ 20504 TZB • 06 20529 -VK9- □
□ 20509 TZB • 02 20529 -5K9- □
□ 20514 TZB • 04 20529 -V29- □
□ 20519 TZB • 07 20529 -VB9- □
#####
□ 20524 TZB • 01 20569 -5W9- □ AT30
□ 20529 TAA I 01 20544 -5U4- □
□ 20534 SEL 2     0500 □
□ 20539 WR  R     20555 -555 □
□ 20544 RCV U     21696 J696... □
□ 20549 TSL 1 01 21684 J6Y4... □ AY34
□ 20554 TR  1     20569 -569- □ AT30
#####

```

BANK 2 ACC 00  
RESET  
SET ACC 255

```

BANK 3 ASU 01
SET ASU 01-15 255
PLACE SM AT 2--ASU 01 AT 2
              19   02  3
              36   03  4
              53   04  5
              70   05  6
              87   06  7
             104   07  8
             121   08  9
             138   09 10
             155   10 11
             172   11 12
             189   12 13
             206   13 14
             223   14 15
             240   15 16

```

BANK 3 ASU 01-15  
UNL ENTIRE 256 STORAGE BANK

```

TEST MEM POS 2 FOR DILROY
TEST FOR NO 4 BIT- E
TEST FOR NO A BIT- R
TEST FOR NO B BIT- R
TEST FOR NO 2 BIT- O
TEST FOR NO 8 BIT- R
TEST FOR NO C BIT- S
TEST FOR EXP MISSING 1 BIT -OK

```

SB 081-01

2 009 20563  
2 001 20564

SB 081-01  
□



ns/g0014831  
U30.....

```

#####
20809 RCV U 21900 J900
20814 TZB 03 20849 -8D9
20819 TZB 05 20849 -YU9
20824 TZB 06 20849 -YM9
20829 TZB 02 20849 -8M9
20834 TZB 04 20849 -Y49
20839 TZB 07 20849 -YD9
20844 TZB 01 20889 -8Y9
20849 TAA I 01 20864 -8W4
20854 SEL 2 0500
20859 WR R 20875 -875
20864 RCV U 21696 J696
20869 TSL 1 01 21684 J6Y4
20874 TR 1 20889 -889
#####

```

TEST MEM POS 70 FOR DILROY

SB 081-05

2 009 20883  
2 001 20884

SB 081-05

```

#####
20889 RCV U 21883 J883
20894 TZB 03 20929 -9B9
20899 TZB 05 20929 -ZS9
20904 TZB 06 20929 -ZK9
20909 TZB 02 20929 -9K9
20914 TZB 04 20929 -Z29
20919 TZB 07 20929 -ZB9
20924 TZB 01 20969 -9W9
20929 TAA I 01 20944 -9U4
20934 SEL 2 0500
20939 WR R 20955 -955
20944 RCV U 21696 J696
20949 TSL 1 01 21684 J6Y4
20954 TR 1 20969 -969
#####

```

TEST MEM POS 87 FOR DILROY

SB 081-06

2 009 20963  
2 001 20964

SB 081-06

```

#####
20969 RCV U 21866 J866
20974 TZB 03 21009 J069
20979 TZB 05 21009 J 9
20984 TZB 06 21009 J -9
20989 TZB 02 21009 J0-9
20994 TZB 04 21009 J 09
20999 TZB 07 21009 J 69
21004 TZB 01 21049 J0W9
21009 TAA I 01 21024 J0S4
21014 SEL 2 0500
21019 WR R 21035 J035
21024 RCV U 21696 J696
21029 TSL 1 01 21684 J6Y4
21034 TR 1 21049 J049
#####

```

TEST MEM POS 104 FOR DILROY

SB 081-07

2 009 21043  
2 001 21044

SB 081-07

gscans/g00  
V31.....

```

21049 RCV U      21849 J849
21054 TZB . 03  21089 JOH9
21059 TZB . 05  21089 J Y9
21064 TZB . 06  21089 J Q9
21069 TZB . 02  21089 JOQ9
21074 TZB . 04  21089 J 89
21079 TZB . 07  21089 J H9
21084 TZB . 01  21129 J1S9
21089 TAA I 01  21104 J1 4
21094 SEL 2      0500
21099 WR R      21115 J115
21104 RCV U      21696 J696
21109 TSL 1 01  21684 J6Y4
21114 TR 1      21129 J129

```

TEST MEM POS 121 FOR DILROY

SB 081-08

2 009 21123  
2 001 21124

SB 081-08  
□

```

21129 RCV U      21832 J832
21134 TZB . 03  21169 J1F9
21139 TZB . 05  21169 J/W9
21144 TZB . 06  21169 J/O9
21149 TZB . 02  21169 J109
21154 TZB . 04  21169 J/69
21159 TZB . 07  21169 J/F9
21164 TZB . 01  21209 J2 9
21169 TAA I 01  21184 J1Y4
21174 SEL 2      0500
21179 WR R      21195 J195
21184 RCV U      21696 J696
21189 TSL 1 01  21684 J6Y4
21194 TR 1      21209 J209

```

TEST MEM POS 138 FOR DILROY

SB 081-09

2 009 21203  
2 001 21204

SB 081-09  
□

```

21209 RCV U      21815 J815
21214 TZB . 03  21249 J2D9
21219 TZB . 05  21249 JSU9
21224 TZB . 06  21249 JSM9
21229 TZB . 02  21249 J2M9
21234 TZB . 04  21249 JS49
21239 TZB . 07  21249 JSD9
21244 TZB . 01  21289 J2Y9
21249 TAA I 01  21264 J2W4
21254 SEL 2      0500
21259 WR R      21275 J275
21264 RCV U      21696 J696
21269 TSL 1 01  21684 J6Y4
21274 TR 1      21289 J289

```

TEST MEM POS 155 FOR DILROY

SB 081-10

2 009 21283  
2 001 21284

SB 081-10  
□

ns/g0014832  
W32.....

```

□ 21289 RCV U 21798 J798 □
□ 21294 TZB • 03 21329 J3B9-□-□
□ 21299 TZB • 05 21329 JTS9-□-□
□ 21304 TZB • 06 21329 JTK9-□-□
□ 21309 TZB • 02 21329 J3K9-□-□
□ 21314 TZB • 04 21329 JT29-□-□
□ 21319 TZB • 07 21329 JTB9-□-□
□
□ 21324 TZB • 01 21369 J3W9-□-□
□ 21329 TAA I 01 21344 J3U4-□-□
□ 21334 SEL 2 0500 □ II
□ 21339 WR R 21355 J355 □ II
□ 21344 RCV U 21696 J696-□-□
□ 21349 TSL 1 01 21684 J6Y4-□-□
□ 21354 TR 1 21369 J369-□-□

```

TEST MEM POS 172 FOR DILROY

SB 081-11

AY34

2 009 21363  
2 001 21364

SB 081-11  
□

```

□ 21369 RCV U 21781 J781-□-□
□ 21374 TZB • 03 21409 J4&9-□-□
□ 21379 TZB • 05 21409 JU-9-□-□
□ 21384 TZB • 06 21409 JU-9-□-□
□ 21389 TZB • 02 21409 J4-9-□-□
□ 21394 TZB • 04 21409 JU09-□-□
□ 21399 TZB • 07 21409 JU&9-□-□
□
□ 21404 TZB • 01 21449 J4U9-□-□
□ 21409 TAA I 01 21424 J4S4-□-□
□ 21414 SEL 2 0500 □ II
□ 21419 WR R 21435 J435 □ II
□ 21424 RCV U 21696 J696-□-□
□ 21429 TSL 1 01 21684 J6Y4-□-□
□ 21434 TR 1 21449 J449-□-□

```

TEST MEM POS 189 FOR DILROY

SB 081-12

AY34

2 009 21443  
2 001 21444

SB 081-12  
□

```

□ 21449 RCV U 21764 J764-□-□
□ 21454 TZB • 03 21489 J4H9-□-□
□ 21459 TZB • 05 21489 JUY9-□-□
□ 21464 TZB • 06 21489 JUQ9-□-□
□ 21469 TZB • 02 21489 J4Q9-□-□
□ 21474 TZB • 04 21489 JU89-□-□
□ 21479 TZB • 07 21489 JUH9-□-□
□
□ 21484 TZB • 01 21529 J5S9-□-□
□ 21489 TAA I 01 21504 J5 4-□-□
□ 21494 SEL 2 0500 □ I
□ 21499 WR R 21515 J515 □ I
□ 21504 RCV U 21696 J696-□-□
□ 21509 TSL 1 01 21684 J6Y4-□-□
□ 21514 TR 1 21529 J529-□-□

```

TEST MEM POS 206 FOR DILROY

SB 081-13

AX34

2 009 21523  
2 001 21524

SB 081-13  
□

```

gscans/g001.....
X33.....
21529 RCV U      21747 J747
21534 TZB . 03  21569 J5F9
21539 TZB . 05  21569 JVV9
21544 TZB . 06  21569 JVO9
21549 TZB . 02  21569 J509
21554 TZB . 04  21569 JVV9
21559 TZB . 07  21569 JVF9
21564 TZB . 01  21609 J6 9
21569 TAA I 01  21584 J5Y4
21574 SEL 2      0500
21579 WR  R      21595 J595
21584 RCV U      21696 J696
21589 TSL 1 01  21684 J6Y4
21594 TR  1      21609 J609

```

TEST MEM POS 223 FOR DILROY

SB 081-14

```

2 009 21603
2 001 21604

```

```

SB 081-14

```

```

21609 RCV U      21730 J730
21614 TZB . 03  21649 J6D9
21619 TZB . 05  21649 JWU9
21624 TZB . 06  21649 JWM9
21629 TZB . 02  21649 J6M9
21634 TZB . 04  21649 JW49
21639 TZB . 07  21649 JWD9
21644 TZB . 01  21674 J6X4
21649 TAA I 01  21664 J6W4
21654 SEL 2      0500
21659 WR  R      21700 J700
21664 RCV U      21696 J696
21669 TSL 1 01  21684 J6Y4
21674 TAB I 02  20359 -3N9
21679 TR  1      23004 L004

```

TEST MEM POS 240 FOR DILROY

SB 081-15

AS29

```

AY29
AY30
AY31
AY32
AY33

```

```

21684 TAC I 03  21694 J614
21689 TR  1      21699 J699
21694 HLT J      0081
21699 TR  1

```

```

2 009 21708
2 001 21709

```

```

SB 081-15

```

5 260 21969 00 STORAGE TO MEMORY UNLOADING AREA



ans/g0014833.png

PART 3 OF 3 PARTS APRIL 15, 196

ROUTINE 82  
BANK 0 SPC 0000 SETTING  
BANK 1 ASU SELECTION DURING  
SM PLACEMENT & DILROY CHK-LSB

```

A07..... 23004 RCV U 21704 J704
23009 BLM $ 0052
23014 TMC O 11 23019 L-A9
23019 SPC , 0000
23024 SET B 0000
23029 SET B 0255
23034 SET B 01 0000 00 0
23039 SET B 01 0255 02V5
23044 SET B 01 0001 00 1
23049 SET B 02 0002 00-2
23054 SET B 03 0003 00G3
23059 SET B 04 0004 0 04
23064 SET B 05 0005 0 5
23069 SET B 06 0006 0 -6
23074 SET B 07 0007 0 &7
23079 SET B 08 0008 0-08
23084 SET B 09 0009 0- 9
23089 SET B 10 0010 0-J0
23094 SET B 11 0011 0-A1
23099 SET B 12 0012 0&12
23104 SET B 13 0013 0&13
23109 SET B 14 0014 0&14
23114 SET B 15 0015 0&15
23119 SPC , 1000
23124 USB , 05 21959 JZV9
23129 TMC O 11 23134 LJC4
23134 SET B 01 0000 00 0
23139 SET B 01 0255 02V5
23144 SPC , 1000
23149 LSB , 04 21959 JZ59
23154 RCV U 21704 J704
23159 BLM $ 0052
23164 TMC O 11 23169 LJF9
23169 SPC , 1000
23174 USB , 05 21959 JZV9
23179 TMC O 11 23184 LJH4
23184 RCV U 21958 J958
23189 TZB . 03 23224 L2B4
23194 TZB . 05 23224 LSS4
23199 TZB . 06 23224 LSK4
23204 TZB . 02 23224 L2K4
23209 TZB . 04 23224 LS24
23214 TZB . 07 23224 LSB4
23219 TZB . 01 23274 L2X4
23224 TAA I 01 23249 L2U9
23229 SEL 2 0500
23234 WR R 23260 L260
23239 TMC O 11 23244 LKD4
23244 TRC O 12 23249 LB49
23249 RCV U 24536 M536
23254 TSL 1 01 24524 M5S4
23259 TR 1 23274 L274

```

```

BANK 0 ACC 00
RESET
SET ACC 255
BANK 1 ASU 01
SET ASU 01-15 255
PLACE SM AT 002--ASU 01 AT 02
019 02 03
036 03 04
053 04 05
070 05 06
087 06 07
104 07 08
121 08 09
138 09 10
155 10 11
172 11 12
189 12 13
206 13 14
223 14 15
240 15 16

```

BANK 1 ASU 01-15  
UNL ENTIRE 256 STORAGE BANK

BANK 1 ASU 01-15  
LOAD ENTIRE 256 STORAGE BANK

BLANK MEMORY UNLOADING AREA

BANK 1 ASU 01-15  
UNL ENTIRE 256 STORAGE BANK

```

TEST MEM POS 2 FOR DILROY
TEST FOR NO 4 BIT-E
TEST FOR NO A BIT-R
TEST FOR NO B BIT-R
TEST FOR NO 2 BIT-O
TEST FOR NO 8 BIT-R
TEST FOR NO C BIT-S
TEST FOR EXP MISSING 1 BIT-OK

```

SB 082-01

gscans/g0014898.png  
2 009 23268  
2 001 23269

SB 082-01  
□

```

B01.....
□ 23274 RCV U      21941 J941 □
□ 23279 TZB . 03 23314 L3A4-□-✓
□ 23284 TZB . 05 23314 LT/4-□-✓
□ 23289 TZB . 06 23314 LTJ4-□-✓
□ 23294 TZB . 02 23314 L3J4-□-✓
□ 23299 TZB . 04 23314 LT14-□-✓
□ 23304 TZB . 07 23314 LTA4-□-✓
□ 23309 TZB . 01 23364 L3W4-□-✓
□ 23314 TAA I 01 23339 L3T9-□-✓
□ 23319 SEL 2      0500 □ II
□ 23324 WR  R      23350 L350 □ II
□ 23329 TMC O 11 23334 LLC4-□-✓
□ 23334 TRC O 12 23339 LC39-□-✓
□ 23339 RCV U      24536 M536-□-✓
□ 23344 TSL 1 01 24524 M5S4-□-✓
□ 23349 TR  1      23364 L364-□-✓

```

TEST MEM POS 19 FOR DILROY

SB 082-02

L07

2 009 23358  
2 001 23359

SB 082-02  
□

```

□ 23364 RCV U      21924 J924-□-✓
□ 23369 TZB . 03 23404 L4G4-□-✓
□ 23374 TZB . 05 23404 LU 4-□-✓
□ 23379 TZB . 06 23404 LU-4-□-✓
□ 23384 TZB . 02 23404 L4-4-□-✓
□ 23389 TZB . 04 23404 LU04-□-✓
□ 23394 TZB . 07 23404 LUG4-□-✓
□ 23399 TZB . 01 23454 L4V4-□-✓
□ 23404 TAA I 01 23429 L4S9-□-✓
□ 23409 SEL 2      0500 □ II
□ 23414 WR  R      23440 L440 □ II
□ 23419 TMC O 11 23424 LMB4-□-✓
□ 23424 TRC O 12 23429 LD29-□-✓
□ 23429 RCV U      24536 M536-□-✓
□ 23434 TSL 1 01 24524 M5S4 □ I
□ 23434 TSL 1 01 24524 M5S4 □ I
□ 23434 TSL 1 01 24524 M5S4 □ I

```

TEST MEM POS 36 FOR DILROY

SB 082-03

2 009 23448  
2 001 23449

SB 082-03  
□

```

□ 23454 RCV U      21907 J907-□-✓
□ 23459 TZB . 03 23494 L4I4-□-✓-----C03
□ 23464 TZB . 05 23494 LUZ4-□-✓-----C03
□ 23469 TZB . 06 23494 LUR4-□-✓-----C03
□ 23474 TZB . 02 23494 L4R4-□-✓-----C03
□ 23479 TZB . 04 23494 LU94-□-✓-----C03
□ 23484 TZB . 07 23494 LUI4-□-✓-----C03
□ 23489 TZB . 01 23544 L5U4-□-✓-----D03

```

TEST MEM POS 53 FOR DILROY

NEXT PAGE

ns/g001483  
C02.....

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□ 23494 TAA I 01 23519 L579 □
□ 23499 SEL 2 0500 □
□ 23504 WR R 23530 L530 □
□ 23509 TMC O 11 23514 LNA4 □
□ 23514 TRC O 12 23519 LE19 □
□ 23519 RCV U 24536 M536 □
□ 23524 TSL 1 01 24524 M5S4 □-----L07
□ 23529 TR 1 23544 L544 □
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SB 082-04

2 009 23538  
2 001 23539

SB 082-04  
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D02.....

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□ 23544 RCV U 21890 J890 □
□ 23549 TZB • 03 23584 L5H4 □
□ 23554 TZB • 05 23584 LVY4 □
□ 23559 TZB • 06 23584 LVQ4 □
□ 23564 TZB • 02 23584 L5Q4 □
□ 23569 TZB • 04 23584 LV84 □
□ 23574 TZB • 07 23584 LVH4 □
□ 23579 TZB • 01 23634 L6T4 □
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TEST MEM POS 70 FOR DILROY

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□ 23584 TAA I 01 23609 L6 9 □
□ 23589 SEL 2 0500 □
□ 23594 WR R 23620 L620 □
□ 23599 TMC O 11 23604 L084 □
□ 23604 TRC O 12 23609 LF09 □
□ 23609 RCV U 24536 M536 □
□ 23614 TSL 1 01 24524 M5S4 □-----L07
□ 23619 TR 1 23634 L634 □
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SB 082-05

2 009 23628  
2 001 23629

SB 082-05  
□

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□ 23634 RCV U 21873 J873 □
□ 23639 TZB • 03 23674 L6G4 □
□ 23644 TZB • 05 23674 LWX4 □
□ 23649 TZB • 06 23674 LWP4 □
□ 23654 TZB • 02 23674 L6P4 □
□ 23659 TZB • 04 23674 LW74 □
□ 23664 TZB • 07 23674 LWG4 □
□ 23669 TZB • 01 23724 L7S4 □-----E04
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

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TEST MEM POS 87 FOR DILROY

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□ 23674 TAA I 01 23699 L6Z9 □
□ 23679 SEL 2 0500 □
□ 23684 WR R 23710 L710 □
□ 23689 TMC O 11 23694 L0I4 □
□ 23694 TRC O 12 23699 LF99 □
□ 23699 RCV U 24536 M536 □
□ 23704 TSL 1 01 24524 M5S4 □-----L07
□ 23709 TR 1 23724 L724 □-----E04
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

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SB 082-06

2 009 23718  
2 001 23719

SB 082-06  
□

scans/g001  
E03.....

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□ 23724 RCV U 21856 J856 □
□ 23729 TZB . 03 23764 L7F4 □
□ 23734 TZB . 05 23764 LXW4 □
□ 23739 TZB . 06 23764 LXO4 □
□ 23744 TZB . 02 23764 L7O4 □
□ 23749 TZB . 04 23764 LX64 □
□ 23754 TZB . 07 23764 LXF4 □
□ 23759 TZB . 01 23814 L874 □
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TEST MEM POS 104 FOR DILROY

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□ 23764 TAA I 01 23789 L7Y9 □
□ 23769 SEL 2 0500 □
□ 23774 WR R 23800 L800 □
□ 23779 TMC O 11 23784 LPH4 □
□ 23784 TRC O 12 23789 LG89 □
□ 23789 RCV U 24536 M536 □
□ 23794 TSL I 01 24524 M5S4 □-----L07
□ 23799 TR I 23814 L814 □
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SB 082-07

2 009 23808  
2 001 23809

SB 082-07  
□

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□ 23814 RCV U 21839 J839 □
□ 23819 TZB . 03 23854 L8E4 □
□ 23824 TZB . 05 23854 LYV4 □
□ 23829 TZB . 06 23854 LYN4 □
□ 23834 TZB . 02 23854 L8N4 □
□ 23839 TZB . 04 23854 LY54 □
□ 23844 TZB . 07 23854 LYE4 □
□ 23849 TZB . 01 23904 L9 4 □
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TEST MEM POS 121 FOR DILROY

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I
□□□□□□□□□□□□□□□□□□□□□□□□□□□□
□ 23854 TAA I 01 23879 L8X9 □
□ 23859 SEL 2 0500 □
□ 23864 WR R 23890 L890 □
□ 23869 TMC O 11 23874 LQG4 □
□ 23874 TRC O 12 23879 LH79 □
□ 23879 RCV U 24536 M536 □
□ 23884 TSL I 01 24524 M5S4 □-----L07
□ 23889 TR I 23904 L904 □
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SB 082-08

2 009 23898  
2 001 23899

SB 082-08  
□

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□ 23904 RCV U 21822 J822 □
□ 23909 TZB . 03 23944 L9D4 □-----F05
□ 23914 TZB . 05 23944 LZU4 □-----F05
□ 23919 TZB . 06 23944 LZM4 □-----F05
□ 23924 TZB . 02 23944 L9M4 □-----F05
□ 23929 TZB . 04 23944 LZ44 □-----F05
□ 23934 TZB . 07 23944 LZD4 □-----F05
□ 23939 TZB . 01 23994 L9Z4 □-----G05
□□□□□□□□□□□□□□□□□□□□□□□□□□□□

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TEST MEM POS 138 FOR DILROY

NEXT PAGE

9 04 001 483

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□ 23944 TAA I 01 23969 L9W9 □
□ 23949 SEL 2 0500 □
□ 23954 WR R 23980 L980 □
□ 23959 TMC O 11 23964 LRF4 □
□ 23964 TRC O 12 23969 LI69 □
□ 23969 RCV U 24536 M536 □
□ 23974 TSL 1 01 24524 M5S4 □-----L07
□ 23979 TR 1 23994 L994 □
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

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SB 082-09

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2 009 23988 SB 082-09
2 001 23989 □

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G04.....

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□ 23994 RCV U 21805 J805 □
□ 23999 TZB • 03 24034 MOC4 □
□ 24004 TZB • 05 24034 M T4 □
□ 24009 TZB • 06 24034 M L4 □
□ 24014 TZB • 02 24034 MOL4 □
□ 24019 TZB • 04 24034 M 34 □
□ 24024 TZB • 07 24034 M C4 □
□ 24029 TZB • 01 24084 MOY4 □
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TEST MEM POS 155 FOR DILROY

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□ 24034 TAA I 01 24059 MOV9 □
□ 24039 SEL 2 0500 □
□ 24044 WR R 24070 M070 □
□ 24049 TMC O 11 24054 M-E4 □
□ 24054 TRC O 12 24059 M559 □
□ 24059 RCV U 24536 M536 □
□ 24064 TSL 1 01 24524 M5S4 □-----L07
□ 24069 TR 1 24084 M084 □
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

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SB 082-10

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2 009 24078 SB 082-10
2 001 24079 □

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□ 24084 RCV U 21788 J788 □
□ 24089 TZB • 03 24124 M1B4 □
□ 24094 TZB • 05 24124 M/S4 □
□ 24099 TZB • 06 24124 M/K4 □
□ 24104 TZB • 02 24124 M1K4 □
□ 24109 TZB • 04 24124 M/24 □
□ 24114 TZB • 07 24124 M/B4 □
□ 24119 TZB • 01 24174 M1X4 □-----H06
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

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TEST MEM POS 172 FOR DILROY

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I
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□ 24124 TAA I 01 24149 M1U9 □
□ 24129 SEL 2 0500 □
□ 24134 WR R 24160 M160 □
□ 24139 TMC O 11 24144 MJD4 □
□ 24144 TRC O 12 24149 MA49 □
□ 24149 RCV U 24536 M536 □
□ 24154 TSL 1 01 24524 M5S4 □-----L07
□ 24159 TR 1 24174 M174 □-----H06
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

```

SB 082-11

```

2 009 24168 SB 082-11
2 001 24169 □

```

scans/g00143561819  
H05.....

TEST MEM POS 189 FOR DILROY

```

□ 24174 RCV U      21771 J771 □
□ 24179 TZB  • 03 24214 M2A4 □
□ 24184 TZB  • 05 24214 MS74 □
□ 24189 TZB  • 06 24214 MSJ4 □
□ 24194 TZB  • 02 24214 M2J4 □
□ 24199 TZB  • 04 24214 MS14 □
□ 24204 TZB  • 07 24214 MSA4 □
□ 24209 TZB  • 01 24264 M2W4 □

```

```

□ 24214 TAA I 01 24239 M2T9 □
□ 24219 SEL 2     0500     □
□ 24224 WR   R     24250 M250 □
□ 24229 TMC O 11 24234 MKC4 □
□ 24234 TRC O 12 24239 MB39 □
□ 24239 RCV U     24536 M536 □
□ 24244 TSL 1 01 24524 M5S4 -----L07
□ 24249 TR   1     24264 M264 □

```

SB 082-12

2 009 24258  
2 001 24259

SB 082-12  
□

```

□ 24264 RCV U      21754 J754 □
□ 24269 TZB  • 03 24304 M3&4 □
□ 24274 TZB  • 05 24304 MT 4 □
□ 24279 TZB  • 06 24304 MT-4 □
□ 24284 TZB  • 02 24304 M3-4 □
□ 24289 TZB  • 04 24304 MT04 □
□ 24294 TZB  • 07 24304 MT&4 □
□ 24299 TZB  • 01 24354 M3V4 □

```

TEST MEM POS 206 FOR DILROY

```

□ 24304 TAA I 01 24329 M3S9 □
□ 24309 SEL 2     0500     □
□ 24314 WR   R     24340 M340 □
□ 24319 TMC O 11 24324 MLB4 □
□ 24324 TRC O 12 24329 MC29 □
□ 24329 RCV U     24536 M536 □
□ 24334 TSL 1 01 24524 M5S4 -----L07
□ 24339 TR   1     24354 M354 □

```

SB 082-13

2 009 24348  
2 001 24349

SB 082-13  
□

```

□ 24354 RCV U      21737 J737 □
□ 24359 TZB  • 03 24394 M3I4 -----J07
□ 24364 TZB  • 05 24394 MTZ4 -----J07
□ 24369 TZB  • 06 24394 MTR4 -----J07
□ 24374 TZB  • 02 24394 M3R4 -----J07
□ 24379 TZB  • 04 24394 MT94 -----J07
□ 24384 TZB  • 07 24394 MTI4 -----J07
□ 24389 TZB  • 01 24444 M4U4 -----K07

```

TEST MEM POS 223 FOR DILROY

▼  
NEXT PAGE

ans/g0014836  
J06.....

```

#####
24394 TAA I 01 24419 M4/9
24399 SEL 2      0500
24404 WR  R      24430 M430
24409 TMC O 11  24414 MMA4
24414 TRC O 12  24419 MD19
24419 RCV U      24536 M536
24424 TSL 1 01  24524 M5S4
24429 TR  1      24444 M444
#####

```

SB 082-14

2 009 24438  
2 001 24439

SB 082-14  
□

K06.....

```

#####
24444 RCV U      21720 J720
24449 TZB * 03  24484 M4H4
24454 TZB * 05  24484 MUY4
24459 TZB * 06  24484 MUQ4
24464 TZB * 02  24484 M4Q4
24469 TZB * 04  24484 MU84
24474 TZB * 07  24484 MUH4
24479 TZB * 01  24544 M5U4
#####

```

TEST MEM POS 240 FOR DILROY

```

#####
24484 TAA I 01  24509 M5 9
24489 SEL 2      0500
24494 WR  R      24550 M550
24499 TMC O 11  24504 MNE4
24504 TRC O 12  24509 ME09
24509 RCV U      24536 M536
24514 TSL 1 01  24524 M5S4
24519 TR  1      24544 M544
#####

```

SB 082-15

L01  
L02  
L03  
L04  
L05  
L06.....

```

#####
24524 TAC I 03  24534 M5C4
24529 TR  1      24539 M539
24534 HLT J      0082
24539 TR  1      □
24544 TAB I 02  23004 L0-4
24549 TR  1      24564 M564
#####

```

STOP ON ERROR IF 913 ON

LOOP-IN ROUTINE IF 912 ON

A01  
M08

2 009 24558  
2 001 24559

SB 082-15  
□

gscans/g0014895.png

ROUTINE 83  
BANK 2 SPC 2000 SETTING  
BANK 3 ASU SELECTION DURING  
SM PLACEMENT & DILROY CHK-LSB

```

007
014.....
□ 24564 RCV U      21704 J704 □
□ 24569 BLM $      0052   □
□ 24574 TMC O 11 24579 MNG9 □
□ 24579 SPC ,      2000   □
□ 24584 SET B      0000   □
□ 24589 SET B      0255   □
□ 24594 SET B 01 0000 00 0 □
□ 24599 SET B 01 0255 02V5 □
□ 24604 SET B 01 0001 00 1 □
□ 24609 SET B 02 0002 00-2 □
□ 24614 SET B 03 0003 00G3 □
□ 24619 SET B 04 0004 0 04 □
□ 24624 SET B 05 0005 0 5 □
□ 24629 SET B 06 0006 0 -6 □
□ 24634 SET B 07 0007 0 &7 □
□ 24639 SET B 08 0008 0-08 □
□ 24644 SET B 09 0009 0- 9 □
□ 24649 SET B 10 0010 0-J0 □
□ 24654 SET B 11 0011 0-A1 □
□ 24659 SET B 12 0012 0&12 □
□ 24664 SET B 13 0013 0&13 □
□ 24669 SET B 14 0014 0&14 □
□ 24674 SET B 15 0015 0&A5 □
□ 24679 SPC ,      3000   □
□ 24684 USB , 05 21959 JZV9 □
□ 24689 TMC O 11 24694 MOI4 □

```

```

BANK 2 ACC 00
RESET
SET ACC 255
BANK 3 ASU 01
SET ASU 01-15 255
PLACE SM AT 002--ASU 01 AT 2
                                02 3
                                03 4
                                04 5
                                05 6
                                06 7
                                07 8
                                08 9
                                09 10
                                10 11
                                11 12
                                12 13
                                13 14
                                14 15
                                15 16

```

BANK 3 ASU 01-15  
UNL ENTIRE 256 STORAGE BANK

```

□ 24694 SET B 01 0000 00 0 □
□ 24699 SET B 01 0255 02V5 □
□ 24704 SPC ,      3000   □
□ 24709 LSB , 04 21959 JZ59 □
□ 24714 RCV U      21704 J704 □
□ 24719 BLM $      0052   □
□ 24724 TMC O      24729 M729 □
□ 24729 SPC ,      3000   □
□ 24734 USB , 05 21959 JZV9 □
□ 24739 TMC O 11 24744 MPD4 □

```

BANK 3 ASU 01-15  
LOAD ENTIRE 256 STORAGE BANK

BLANK MEMORY UNLOADING AREA

BANK 3 ASU 01-15  
UNL ENTIRE 256 STORAGE BANK

```

□ 24744 RCV U      21958 J958 □
□ 24749 TZB . 03 24784 M7H4 □
□ 24754 TZB . 05 24784 MXY4 □
□ 24759 TZB . 06 24784 MXQ4 □
□ 24764 TZB . 02 24784 M7Q4 □
□ 24769 TZB . 04 24784 MX84 □
□ 24774 TZB . 07 24784 MXH4 □
□ 24779 TZB . 01 24834 M8T4-----N09

```

```

TEST MEM POS 2 FOR DILROY
TEST FOR NO 4 BIT-E
TEST FOR NO A BIT- R
TEST FOR NO B BIT- R
TEST FOR NO 2 BIT- O
TEST FOR NO 8 BIT- R
TEST FOR NO C BIT- S
TEST FOR EXP MISSING 1 BIT-OK

```

```

□ 24784 TAA I 01 24809 M8 9 □
□ 24789 SEL 2      0500   □
□ 24794 WR R      24820 M820 □
□ 24799 TMC O 11 24804 MQ&4 □
□ 24804 TRC O 12 24809 MH09 □
□ 24809 RCV U      26096 O096 □
□ 24814 ISL 1 01 26084 O0Y4-----X14
□ 24819 TR I      24834 M834-----NC9

```

SB 083-01

2 009 24828  
2 001 24829

SB 083-01



ans/g0014837 p29  
N08.....

TEST MEM POS 19 FOR DILROY

```

#####
24834 RCV U 21941 J941 □
24839 TZB • 03 24874 M8G4 □
24844 TZB • 05 24874 MYX4 □
24849 TZB • 06 24874 MYP4 □
24854 TZB • 02 24874 M8P4 □
24859 TZB • 04 24874 MY74 □
24864 TZB • 07 24874 MYG4 □
24869 TZB • 01 24924 M9S4 □
#####

```

```

#####
24874 TAA I 01 24899 M8Z9 □
24879 SEL 2 0500 □
24884 WR R 24910 M910 □
24889 TMC O 11 24894 MQI4 □
24894 TRC O 12 24899 MH99 □
24899 RCV U 26096 0096 □
24904 TSL 1 01 26084 00Y4 □-----X14
24909 TR 1 24924 M924 □
#####

```

SB 083-02

2 009 24918  
2 001 24919

SB 083-02  
□

```

#####
24924 RCV U 21924 J924 □
24929 TZB • 03 24964 M9F4 □
24934 TZB • 05 24964 MZW4 □
24939 TZB • 06 24964 MZO4 □
24944 TZB • 02 24964 M9O4 □
24949 TZB • 04 24964 MZ64 □
24954 TZB • 07 24964 MZF4 □
24959 TZB • 01 25014 NO14 □
#####

```

TEST MEM POS 36 FOR DILROY

```

#####
24964 TAA I 01 24989 M9Y9 □
24969 SEL 2 0500 □
24974 WR R 25000 NO00 □
24979 TMC O 11 24984 MRH4 □
24984 TRC O 12 24989 M189 □
24989 RCV U 26096 0096 □
24994 TSL 1 01 26084 00Y4 □-----X14
24999 TR 1 25014 NO14 □
#####

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SB 083-03

2 009 25008  
2 001 25009

SB 083-03  
□

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#####
25014 RCV U 21907 J907 □
25019 TZB • 03 25054 NOE4 □-----P10
25024 TZB • 05 25054 N V4 □-----P10
25029 TZB • 06 25054 N N4 □-----P10
25034 TZB • 02 25054 NON4 □-----P10
25039 TZB • 04 25054 N 54 □-----P10
25044 TZB • 07 25054 N E4 □-----P10
25049 TZB • 01 25104 N1 4 □-----Q10
#####

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TEST MEM POS 53 FOR DILROY

NEXT PAGE

scans/g0014894.pdg  
P09.....

25054	TAA	I	01	25079	N0X9	
25059	SEL	2		0500		
25064	WR	R		25090	N090	
25069	TMC	O	11	25074	N-G4	
25074	TRC	O	12	25079	N&79	
25079	RCV	U		26096	0096	
25084	TSL	1	01	26084	00Y4	-----X14
25089	TR	1		25104	N104	

SB 083-04

2 009 25098 SB 083-04  
2 001 25099

Q09.....

25104	RCV	U		21890	J890	
25109	TZB	.	03	25144	N1D4	
25114	TZB	.	05	25144	N/U4	
25119	TZB	.	06	25144	N/M4	
25124	TZB	.	02	25144	N1M4	
25129	TZB	.	04	25144	N/44	
25134	TZB	.	07	25144	N/D4	
25139	TZB	.	01	25194	N1Z4	

TEST MEM POS 70 FOR DILROY

25144	TAA	I	01	25169	N1W9	
25149	SEL	2		0500		
25154	WR	R		25180	N180	
25159	TMC	O	11	25164	NJF4	
25164	TRC	O	12	25169	NA69	
25169	RCV	U		26096	0096	
25174	TSL	1	01	26084	00Y4	-----X14
25179	TR	1		25194	N194	

SB 083-05

2 009 25188 SB 083-05  
2 001 25189

25194	RCV	U		21873	J873	
25199	TZB	.	03	25234	N2C4	
25204	TZB	.	05	25234	NST4	
25209	TZB	.	06	25234	NSL4	
25214	TZB	.	02	25234	N2L4	
25219	TZB	.	04	25234	NS34	
25224	TZB	.	07	25234	NSC4	
25229	TZB	.	01	25284	N2Y4	-----R11

TEST MEM POS 87 FOR DILROY

25234	TAA	I	01	25259	N2V9	
25239	SEL	2		0500		
25244	WR	R		25270	N270	
25249	TMC	O	11	25254	NKE4	
25254	TRC	O	12	25259	N&59	
25259	RCV	U		26096	0096	
25264	TSL	1	01	26084	00Y4	-----X14
25269	TR	1		25284	N284	-----R11

SB 083-06

2 009 25278 SB 083-06  
2 001 25279

9 0014838 R10

TEST MEM POS 104 FOR DILROY

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25284 RCV U 21856 J856 □
□ 25289 TZB • 03 25324 N3B4 □
□ 25294 TZB • 05 25324 NTS4 □
□ 25299 TZB • 06 25324 NTK4 □
□ 25304 TZB • 02 25324 N3K4 □
□ 25309 TZB • 04 25324 NT24 □
□ 25314 TZB • 07 25324 NTB4 □
□ 25319 TZB • 01 25374 N3X4 □
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

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25324 TAA I 01 25349 N3U9 □
□ 25329 SEL 2 0500 □
□ 25334 WR R 25360 N360 □
□ 25339 TMC O 11 25344 NLD4 □
□ 25344 TRC O 12 25349 NC49 □
□ 25349 RCV U 26096 0096 □
□ 25354 TSL 1 01 26084 00Y4 □-----X14
□ 25359 TR 1 25374 N374 □
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

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SB 083-07

2 009 25368  
2 001 25369

SB 083-07  
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25374 RCV U 21839 J839 □
□ 25379 TZB • 03 25414 N4A4 □
□ 25384 TZB • 05 25414 NU/4 □
□ 25389 TZB • 06 25414 NUJ4 □
□ 25394 TZB • 02 25414 N4J4 □
□ 25399 TZB • 04 25414 NU14 □
□ 25404 TZB • 07 25414 NUA4 □
□ 25409 TZB • 01 25464 N4W4 □
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

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TEST MEM POS 121 FOR DILROY

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25414 TAA I 01 25439 N4T9 □
□ 25419 SEL 2 0500 □
□ 25424 WR R 25450 N450 □
□ 25429 TMC O 11 25434 NMC4 □
□ 25434 TRC O 12 25439 ND39 □
□ 25439 RCV U 26096 0096 □
□ 25444 TSL 1 01 26084 00Y4 □-----X14
□ 25449 TR 1 25464 N464 □
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

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SB 083-08

2 009 25458  
2 001 25459

SB 083-08  
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25464 RCV U 21822 J822 □
□ 25469 TZB • 03 25504 N5&4 □-----S12
□ 25474 TZB • 05 25504 NV 4 □-----S12
□ 25479 TZB • 06 25504 NV-4 □-----S12
□ 25484 TZB • 02 25504 N5-4 □-----S12
□ 25489 TZB • 04 25504 NV04 □-----S12
□ 25494 TZB • 07 25504 NV&4 □-----S12
□ 25499 TZB • 01 25554 N5V4 □-----T12
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

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TEST MEM POS 138 FOR DILROY

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Stans/g00148925504 TAA I 01 25529 N5S9 □
□ 25509 SEL 2 0500 □
□ 25514 WR R 25540 N540 □
□ 25519 TMC O 11 25524 NNB4 □
□ 25524 TRC O 12 25529 NE29 □
□ 25529 RCV U 26096 0096 □
□ 25534 TSL 1 01 26084 00Y4 -----X14
□ 25539 TR 1 25554 N554 □
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

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SB 083-09

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2 009 25548 SB 083-09
2 001 25549 □

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T11.....□ 25554 RCV U 21805 J805 □
□ 25559 TZB • 03 25594 N5I4 □
□ 25564 TZB • 05 25594 NVZ4 □
□ 25569 TZB • 06 25594 NVR4 □
□ 25574 TZB • 02 25594 N5R4 □
□ 25579 TZB • 04 25594 NV94 □
□ 25584 TZB • 07 25594 NVI4 □
□ 25589 TZB • 01 25644 N6U4 □
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

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TEST MEM POS 155 FOR DILROY

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□ 25594 TAA I 01 25619 N6/9 □
□ 25599 SEL 2 0500 □
□ 25604 WR R 25630 N630 □
□ 25609 TMC O 11 25614 NOA4 □
□ 25614 TRC O 12 25619 NF19 □
□ 25619 RCV U 26096 0096 □
□ 25624 TSL 1 01 26084 00Y4 -----X14
□ 25629 TR 1 25644 N644 □
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

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SB 083-10

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2 009 25638 SB 083-10
2 001 25639 □

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□ 25644 RCV U 21788 J788 □
□ 25649 TZB • 03 25684 N6H4 □
□ 25654 TZB • 05 25684 NWY4 □
□ 25659 TZB • 06 25684 NWQ4 □
□ 25664 TZB • 02 25684 N6Q4 □
□ 25669 TZB • 04 25684 NW84 □
□ 25674 TZB • 07 25684 NWH4 □
□ 25679 TZB • 01 25734 N7T4 -----U13
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

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TEST MEM POS 172 FOR DILROY

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□ 25684 TAA I 01 25709 N7 9 □
□ 25689 SEL 2 0500 □
□ 25694 WR R 25720 N720 □
□ 25699 TMC O 11 25704 NP&4 □
□ 25704 TRC O 12 25709 NG09 □
□ 25709 RCV U 26096 0096 □
□ 25714 TSL 1 01 26084 00Y4 -----X14
□ 25719 TR 1 25734 N734 -----U13
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

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SB 083-11

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2 009 25728 SB 083-11
2 001 25729 □

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012.....

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□ 25734 RCV U 21771 J771 □
□ 25739 TZB • 03 25774 N7G4 □
□ 25744 TZB • 05 25774 NXX4 □
□ 25749 TZB • 06 25774 NXP4 □
□ 25754 TZB • 02 25774 N7P4 □
□ 25759 TZB • 04 25774 NX74 □
□ 25764 TZB • 07 25774 NXG4 □
□ 25769 TZB • 01 25824 N8S4 □

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TEST MEM POS 189 FOR DILROY

```

□ 25774 TAA I 01 25799 N7Z9 □
□ 25779 SEL 2 0500 □
□ 25784 WR R 25810 N810 □
□ 25789 TMC O 11 25794 NPI4 □
□ 25794 TRC O 12 25799 NG99 □
□ 25799 RCV U 26096 0096 □
□ 25804 TSL 1 01 26084 00Y4 □-----X14
□ 25809 TR 1 25824 N824 □

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SB 083-12

2 009 25818  
2 001 25819

SB 083-12  
□

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□ 25824 RCV U 21754 J754 □
□ 25829 TZB • 03 25864 N8F4 □
□ 25834 TZB • 05 25864 NYW4 □
□ 25839 TZB • 06 25864 NYO4 □
□ 25844 TZB • 02 25864 N8O4 □
□ 25849 TZB • 04 25864 NY64 □
□ 25854 TZB • 07 25864 NYF4 □
□ 25859 TZB • 01 25914 N9/4 □

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TEST MEM POS 206 FOR DILROY

```

□ 25864 TAA I 01 25889 N8Y9 □
□ 25869 SEL 2 0500 □
□ 25874 WR R 25900 N900 □
□ 25879 TMC O 11 25884 NQH4 □
□ 25884 TRC O 12 25889 NH89 □
□ 25889 RCV U 26096 0096 □
□ 25894 TSL 1 01 26084 00Y4 □-----X14
□ 25899 TR 1 25914 N914 □

```

SB 083-13

2 009 25908  
2 001 25909

SB 083-13  
□

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□ 25914 RCV U 21737 J737 □
□ 25919 TZB • 03 25954 N9E4 □-----V14
□ 25924 TZB • 05 25954 NZV4 □-----V14
□ 25929 TZB • 06 25954 NZN4 □-----V14
□ 25934 TZB • 02 25954 N9N4 □-----V14
□ 25939 TZB • 04 25954 NZ54 □-----V14
□ 25944 TZB • 07 25954 NZE4 □-----V14
□ 25949 TZB • 01 26004 00 4 □-----W14

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TEST MEM POS 223 FOR DILROY

NEXT PAGE

gscans/g0014832.png  
W13.....

25954	TAA	I	01	25979	N9X9	□
25959	SEL	2		0500		□
25964	WR	R		25990	N990	□
25969	TMC	O	11	25974	NRG4	□
25974	TRC	O	12	25979	N179	□
25979	RCV	U		26096	0096	□
25984	TSL	1	01	26084	00Y4	□
25989	TR	1		26004	0004	□

SB 083-14

2 009 25998  
2 001 25999

SB 083-14  
□

W13.....

26004	RCV	U		21720	J720	□
26009	IZB	•	03	26044	00D4	□
26014	IZB	•	05	26044	0 U4	□
26019	IZB	•	06	26044	0 M4	□
26024	IZB	•	02	26044	00M4	□
26029	IZB	•	04	26044	0 44	□
26034	IZB	•	07	26044	0 D4	□
26039	IZB	•	01	26104	01 4	□

TEST MEM POS 240 FOR DILROY

X08  
X09  
X10  
X11  
X12  
X13.....

26044	TAA	I	01	26069	00W9	□
26049	SEL	2		0500		□
26054	WR	R		26110	0110	□
26059	TMC	O	11	26064	0-F4	□
26064	TRC	O	12	26069	0669	□
26069	RCV	U		26096	0096	□
26074	TSL	1	01	26084	00Y4	□
26079	TR	1		26104	0104	□

SB 083-15

STOP ON ERROR IF 913 ON

26084	TAC	I	03	26094	00I4	□
26089	TR	1		26099	0099	□
26094	HLT	J		0083		□
26099	TR	1				□
26104	TAB	I	02	24564	M504	□
26109	TR	1		26124	0124	□

LOOP-IN ROUTINE IF 912 ON

2 009 26118  
2 001 26119

SB 083-15  
□

ROUTINES 84-108  
SPECIFIC NUMBER OF CHARACTER  
UNLOADS---UFC  
BANK 0

Y14.....

■	26124	RCV	U	29529	R529	■
■	26129	BLM	\$	0002		■
■	26134	SPC	\$	0000		■
■	26139	SET	B	0255		■
■	26144	SET	B	0001		■
■	26149	UFC	\$	03	29526	R5B6
■	26154	RCV	U	29526	R526	■
■	26159	TZB	\$	02	26174	01P4
■	26164	TZB	\$	04	26174	0774
■	26169	TZB	\$	03	26204	0264
■	26174	TAA	I	01	26189	01Y9
■	26179	SEL	2	0500		■
■	26184	WR	R	26270	0270	■
■	26189	TAC	I	03	26199	0119
■	26194	TR	I	26204	0204	■
■	26199	HLT	J	0	84	■
■	26204	RCV	U	29525	R525	■
■	26209	TZB	\$	02	26219	02J9
■	26214	TR	1	26234	0234	■
■	26219	TZB	\$	03	26229	02B9
■	26224	TR	1	26234	0234	■
■	26229	TZB	\$	04	26264	0564
■	26234	TAA	I	01	26249	02U9
■	26239	SEL	2	0500		■
■	26244	WR	R	26279	0279	■
■	26249	TAC	I	03	26259	02E9
■	26254	TR	I	26264	0264	■
■	26259	HLT	J	0084		■
■	26264	TAB	I	02	26124	01K4
■	26269	TR	I	26294	0294	■

ROUTINE 84 TESTING ONE-  
CHARACTER  
UNLOAD

T-O SB 084-A

T-O SB 084-B

Z16

2 008 26277  
 2 001 26278  
 2 008 26286  
 2 001 26287

SB 084-A  
 ■  
 SB 084-B  
 ■

ROUTINE 85

TESTING TWO  
CHARACTER  
UNLOAD

scans/g00189  
215

I	□	26294	RCV	U		29529	R529	□
I	□	26299	BLM	\$		0002		□
I	□	26304	SPC	,		0121		□
I	□	26309	SET	B		0255		□
I	□	26314	SET	B		0002		□
I	□	26319	UFC	,	03	29527	R5B7	□
I	□	26324	RCV	U		29526	R526	□
I	□	26329	TZB	.	02	26344	03M4	□
I	□	26334	TZB	.	04	26344	0T44	□
I	□	26339	TZB	.	03	26374	03G4	□
I	□	26344	TAA	.	01	26359	03V9	□
I	□	26349	SEL	2		0500		□
I	□	26354	WR	R		26440	0440	□
I	□	26359	TAC	I	03	26369	03F9	□
I	□	26364	TR	I		26374	0374	□
I	□	26369	HLT	J		0085		□
I	□	26374	RCV	U		29525	R525	□
I	□	26379	TZB	.	02	26389	03Q9	□
I	□	26384	TR	I		26404	0404	□
I	□	26389	TZB	.	03	26399	03I9	□
I	□	26394	TR	I		26404	0404	□
I	□	26399	TZB	.	04	26434	0U34	□
I	□	26404	TAA	.	01	26419	04/9	□
I	□	26409	SEL	2		3 500	500	□
I	□	26414	WR	R		26449	0449	□
I	□	26419	TAC	I	03	26429	04B9	□
I	□	26424	TR	I		26434	0434	□
I	□	26429	HLT	J		0085		□
I	□	26434	TAB	I	02	26294	02R4	□
I	□	26439	TR	I		26464	0464	□

-----AA17

T-O SB 085-A

T-O SB 085-B

2 008 26447  
2 001 26448  
2 008 26456  
2 001 26457

SB 085-A  
□  
SB 085-B  
□



ns/g0014841...  
AA16

I	26464	RCV	U		29529	R529	□
I	26469	BLM	\$		0002		□
I	26474	SPC	\$		0313		□
I	26479	SET	B		0255		□
I	26484	SET	B		0003		□
I	26489	UFC	03		29528	R588	□
I	26494	RCV	U		29526	R526	□
I	26499	TZB	02		26514	05J4	□
I	26504	TZB	04		26514	0V14	□
I	26509	TZB	03		26544	05D4	□
I	26514	TAA	01		26529	05S9	□
I	26519	SEL	2		0500		□
I	26524	WR	R		26610	0610	□
I	26529	TAC	03		26539	05C9	□
I	26534	TR	I		26544	0544	□
I	26539	HLT	J		0 86		□
I	26544	RCV	U		29525	R525	□
I	26549	TZB	02		26559	05N9	□
I	26554	TR	1		26574	0574	□
I	26559	TZB	03		26569	05F9	□
I	26564	TR	I		26574	0574	□
I	26569	TZB	04		26604	0W04	□
I	26574	TAA	01		26589	05Y9	□
I	26579	SEL	2		0500		□
I	26584	WR	R		26619	0619	□
I	26589	TAC	03		26599	05I9	□
I	26594	TR	I		26604	0604	□
I	26599	HLT	J		0086		□
I	26604	TAB	02		26464	0404	□
I	26609	TR	1		26634	0634	□

ROUTINE 86

TESTING THREE  
CHARACTER  
UNLOAD

T-O SB 086-A

T-O SB 086-B

AB18

2 008 26617  
 2 001 26618  
 2 008 26626  
 2 001 26627

SB 086-A  
 □  
 SB 086-B  
 □

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817 817 817 gscans/g00148207258
  26634 RCV U 29529 R529 
  26639 BLM $ 0002 
  26644 SPC , 0435 
  26649 SET B 0255 
  26654 SET B 0004 
  26659 UFC + 03 29529 R5B9 
  26664 RCV U 29526 R526 
  26669 TZB . 02 26684 06Q4 
  26674 TZB . 04 26684 0W84 
  26679 TZB . 03 26714 07A4 
  26684 TAA I 01 26699 06Z9 
  26689 SEL 2 0500 
  26694 WR R R 26780 0780 
  26699 TAC I I 03 26709 0769 
  26704 TR I I 26714 0714 
  26709 HLT J 0087 
  26714 RCV U 29525 R525 
  26719 TZB . 02 26729 07K9 
  26724 TR I 26744 0744 
  26729 TZB . 03 26739 07C9 
  26734 TR I 26744 0744 
  26739 TZB . 04 26774 0X74 
  26744 TAA I 01 26759 07V9 
  26749 SEL 2 0500 
  26754 WR R R 26789 0789 
  26759 TAC I I 03 26769 07F9 
  26764 TR I I 26774 0774 
  26769 HLT J 0087 
  26774 TAB I 02 26634 06L4 
  26779 TR I 26804 0804 AC19

```

ROUTINE 087

TESTING FOUR  
CHARACTER  
UNLOAD

T-O SB 087-A

T-O SB 087-B

```

2 008 26787
2 001 26788
2 008 26796
2 001 26797

```

```

SB 087-A
  SB 087-B
  SB

```

ns/g0014842  
AC18

```

#####
26804 RCV U 29529 R529
26809 BLM $ 0002
26814 SPC $ 0617
26819 SET B 0255
26824 SET B 0005
26829 UFC $ 03 29530 R5C0
26834 RCV U 29526 R526
26839 TZB $ 02 26854 08M4
26844 TZB $ 04 26854 0Y54
26849 TZB $ 03 26884 08M4
26854 TAA I 01 26869 08W9
26859 SEL I 2 0500
26864 WR R 26950 0950
26869 TAC I 03 26879 08G9
26874 TR I 26884 0884
26879 HLT J 0088
26884 RCV U 29525 R525
26889 TZB $ 02 26899 08R9
26894 TR I 26914 0914
26899 TZB $ 03 26909 0969
26904 TR I 26914 0914
26909 TZB $ 04 26944 0Z44
26914 TAA I 01 26929 0959
26919 SEL I 2 0500
26924 WR R 26959 0959
26929 TAC I 03 26939 09C9
26934 TR I 26944 0944
26939 HLT J 0088
26944 TAB I 02 26804 08-4
26949 TR I 26974 0974
#####

```

ROUTINE 088

TESTING FIVE  
CHARACTER  
UNLOAD

T-O SB 088-A

T-O SB 088-B

AD20

```

2 008 26957
2 001 26958
2 008 26966
2 001 26967

```

```

SB 088-A
#
SB 088-B
#

```

gscans/g0014997519

27314	RCV	U	29529	R529	□
27319	BLM	\$	0002		□
27324	SPC	\$	1313		□
27329	SET	B	0255		□
27334	SET	B	0003		□
27339	UFC	\$ 03	29528	R5B8	□
27344	RCV	U	29526	R526	□
27349	TZB	\$ 02	27364	P304	□
27354	TZB	\$ 04	27364	PT64	□
27359	TZB	\$ 03	27394	P314	□
27364	TAA	I 01	27379	P3X9	□
27369	SEL	I 2	0500		□
27374	WR	R	27460	P460	□
27379	TAC	I 03	27389	P3H9	□
27384	TR	I	27394	P394	□
27389	HLT	J	0091		□
27394	RCV	U	29525	R525	□
27399	TZB	\$ 02	27409	P4-9	□
27404	TR	I	27424	P424	□
27409	TZB	\$ 03	27419	P4A9	□
27414	TR	I	27424	P424	□
27419	TZB	\$ 04	27454	PU54	□
27424	TAA	I 01	27439	P4T9	□
27429	SEL	I 2	0500		□
27434	WR	R	27469	P469	□
27439	TAC	I 03	27449	P4D9	□
27444	TR	I	27454	P454	□
27449	HLT	J	0091		□
27454	TAB	I 02	27314	P3J4	□
27459	TR	I	27484	P484	□

ROUTINE 091

TESTING THREE  
CHARACTER  
UNLOAD

T-O SB 091-A

T-O SB 091-B

AG23

2 008 27467  
 2 001 27468  
 2 008 27476  
 2 001 27477

SB 091-A  
 □  
 SB 091-B  
 □

ans/g0014843

AE20

□	27144	RCV	U		29529	R529	□
□	27149	BLM	\$		0002		□
□	27154	SPC	+		1121		□
□	27159	SET	B		0255		□
□	27164	SET	B		0002		□
□	27169	UFC	+	03	29527	R5B7	□
□	27174	RCV	U		29526	R526	□
□	27179	TZB	+	02	27194	P1R4	□
□	27184	TZB	+	04	27194	P/94	□
□	27189	TZB	+	03	27224	P2B4	□
□	27194	TAA	I	01	27209	P2 9	□
□	27199	SEL	R		0500		□
□	27204	WR	R		27290	P290	□
□	27209	TAC	I	03	27219	P2A9	□
□	27214	TR	I		27224	P224	□
□	27219	HLT	J		0090		□
□	27224	RCV	U		29525	R525	□
□	27229	TZB	+	02	27239	P2L9	□
□	27234	TR	I		27254	P254	□
□	27239	TZB	+	03	27249	P2D9	□
□	27244	TR	I		27254	P254	□
□	27249	TZB	+	04	27284	PS84	□
□	27254	TAA	I	01	27269	P2W9	□
□	27259	SEL	R		0500		□
□	27264	WR	R		27299	P299	□
□	27269	TAC	I	03	27279	P2G9	□
□	27274	TR	I		27284	P284	□
□	27279	HLT	J		0090		□
□	27284	TAB	I	02	27344	P1M4	□
□	27289	TR	I		27314	P314	□

ROUTINE 090

TESTING TWO CHARACTER UNLOAD

T-0 SB 090-A

T-0 SB 090-B

AF22

2 008 27297  
 2 001 27298  
 2 008 27306  
 2 001 27307

SB 090-A  
 □  
 SB 090-B  
 □

BANK 1

ROUTINE 089

TESTING ONE CHARACTER UNLOAD

```
D19.....  
I 26974 RCV U 29529 R529  
I 26979 BLM $ 0002  
I 26984 SPC 1000  
I 26989 SET B 0255  
I 26994 SET B 0001  
I 26999 UFC 03 29526 R5B6  
I 27004 RCV U 29526 R526  
I 27009 TZB 02 27024 POK4  
I 27014 TZB 04 27024 P 24  
I 27019 TZB 03 27054 POE4  
I 27024 TAA I 01 27039 POT9  
I 27029 SEL 2 R 0500  
I 27034 WR I 03 27120 P120  
I 27039 TAC I 03 27049 POD9  
I 27044 TR I 1 27054 P054  
I 27049 HLT J 0089  
I 27054 RCV U 29525 R525  
I 27059 TZB 02 27069 P009  
I 27064 TR I 1 27084 P084  
I 27069 TZB 03 27079 P069  
I 27074 TR I 1 27084 P084  
I 27079 TZB 04 27114 P/14  
I 27084 TAA I 01 27099 P0Z9  
I 27089 SEL 2 R 0500  
I 27094 WR I 03 27129 P129  
I 27099 TAC I 03 27109 P169  
I 27104 TR I 1 27114 P114  
I 27109 HLT J 0089  
I 27114 TAB I 02 26974 09P4  
I 27119 TR I 1 27144 P144 -----AE21  
.....
```

T-O SB 089-A

T-O SB 089-B

2 008 27127  
2 001 27128  
2 008 27136  
2 001 27137

SB 089-A  
□  
SB 089-B  
□

ns/g0014844  
AG22

27484	RCV	U	29529	R529	□
27489	BLM	\$	0002		□
27494	SPC	,	1435		□
27499	SET	B	0255		□
27504	SET	B	0004		□
27509	UFC	,	03	29529	R589
27514	RCV	U	29526	R526	□
27519	TZB	,	02	27534	P5L4
27524	TZB	,	04	27534	PV34
27529	TZB	,	03	27564	P5F4
27534	TAA	I	01	27549	P5U9
27539	SEL			0500	
27544	WR	R	27630	P630	□
27549	TAC	I	03	27559	P5E9
27554	TR	I		27564	P564
27559	HLT	J		0092	
27564	RCV	U	29525	R525	□
27569	TZB	,	02	27579	P5P9
27574	TR	I		27594	P594
27579	TZB	,	03	27589	P5H9
27584	TR	I		27594	P594
27589	TZB	,	04	27624	PW24
27594	TAA	I	01	27609	P6 9
27599	SEL			0500	
27604	WR	R	27639	P639	□
27609	TAC	I	03	27619	P6A9
27614	TR	I		27624	P624
27619	HLT	J		0092	
27624	TAB	I	02	27484	P4Q4
27629	TR	I		27654	P654

ROUTINE 092

TESTING FOUR  
CHARACTER  
UNLOAD

T-O SB 092-A

T-O SB 092-B

AH24

2 008 27637  
 2 001 27638  
 2 008 27646  
 2 001 27647

SB 092-A  
 □  
 SB 092-B  
 □

```

gscans/g0014997759
H23.....
I 27654 RCV U 29529 R529
I 27659 BLM $ 0002
I 27664 SPC , 1617
I 27669 SET B 0255
I 27674 SET B 0005
I 27679 UFC , 03 29530 R5C0
I 27684 RCV U 29526 R526
I 27689 TZB . 02 27704 P7-4
I 27694 TZB . 04 27704 PX04
I 27699 TZB . 03 27734 P7C4
I 27704 TAA I 01 27719 P779
I 27709 SEL 2 0500
I 27714 WR R 27800 P800
I 27719 TAC I 03 27729 P7B9
I 27724 TR I 27734 P734
I 27729 HLT J 0093
I 27734 RCV U 29525 R525
I 27739 TZB . 02 27749 P7M9
I 27744 TR 1 27764 P764
I 27749 TZB . 03 27759 P7E9
I 27754 TR 1 27764 P764
I 27759 TZB . 04 27794 PX94
I 27764 TAA I 01 27779 P7X9
I 27769 SEL 2 0500
I 27774 WR R 27809 P809
I 27779 TAC I 03 27789 P7H9
I 27784 TR I 27794 P794
I 27789 HLT J 0093
I 27794 TAB I 02 27654 P6N4
I 27799 TR 1 27824 P824

```

ROUTINE 093

TESTING FIVE  
CHARACTER  
UNLOAD

T-O SB 093-A

T-O SB 093-B

AJ25

```

2 008 27807
2 001 27808
2 008 27816
2 001 27817

```

```

SB 093-A
  2
SB 093-B
  2

```



BANK 2

ns/g0014845.png

AJ24.....

```

#####
I 27824 RCV U 29529 R529  #
I 27829 BLM S 0002  #
I 27834 SPC 2000  #
I 27839 SET B 0255  #
I 27844 SET B 0001  #
I 27849 UFC 03 29526 R5B6  #
I 27854 RCV U 29526 R526  #
I 27859 TZB 02 27874 P8P4  #
I 27864 TZB 04 27874 PY74  #
I 27869 TZB 03 27904 P964  #
I 27874 TAA 01 27889 P8Y9  #
I 27879 SEL 2 0500  #
I 27884 WR R 27970 P970  #
I 27889 TAC I 03 27899 P8I9  #
I 27894 TR 1 27904 P904  #
I 27899 HLT J 0094  #
I 27904 RCV U 29525 R525  #
I 27909 TZB 02 27919 P9J9  #
I 27914 TR 1 27934 P934  #
I 27919 TZB 03 27929 P8B9  #
I 27924 TR 1 27934 P934  #
I 27929 TZB 04 27964 PZ64  #
I 27934 TAA 01 27949 P9U9  #
I 27939 SEL 2 0500  #
I 27944 WR R 27979 P979  #
I 27949 TAC I 03 27959 P9E9  #
I 27954 TR 1 27964 P964  #
I 27959 HLT J 0094  #
I 27964 TAB I 02 27824 P8K4  #
I 27969 TR 1 27994 P994  #
#####

```

ROUTINE 094

TESTING ONE  
CHARACTER  
UNLOAD

T-O SB 094-A

T-O SB 094-B

AK26

```

2 008 27977
2 001 27978
2 008 27986
2 001 27987

```

```

SB 094-A
#
SB 094-B
#

```

gscans/g001#88  
AK25

I	27994	RCV	U	29529	R529	□
I	27999	BLM	\$	0002		□
I	28004	SPC	?	2121		□
I	28009	SET	B	0255		□
I	28014	SET	B	0002		□
I	28019	UFC	03	29527	R5B7	□
I	28024	RCV	U	29526	R526	□
I	28029	TZB	02	28044	Q0M4	□
I	28034	TZB	04	28044	Q 44	□
I	28039	TZB	03	28074	Q0G4	□
I	28044	TAA	01	28059	Q0V9	□
I	28049	SEL	2	0500		□
I	28054	WR	R	28140	Q140	□
I	28059	TAC	03	28069	Q0F9	□
I	28064	TR	1	28074	Q074	□
I	28069	HLT	J	0095		□
I	28074	RCV	U	29525	R525	□
I	28079	TZB	02	28089	Q0Q9	□
I	28084	TR	1	28104	Q104	□
I	28089	TZB	03	28099	Q019	□
I	28094	TR	1	28104	Q104	□
I	28099	TZB	04	28134	Q/34	□
I	28104	TAA	01	28119	Q179	□
I	28109	SEL	2	0500		□
I	28114	WR	R	28149	Q149	□
I	28119	TAC	03	28129	Q1B9	□
I	28124	TR	1	28134	Q134	□
I	28129	HLT	J	0095		□
I	28134	TAB	02	27994	P9R4	□
I	28139	TR	1	28164	Q164	□

ROUTINE 095

TESTING TWO  
CHARACTER  
UNLOAD

T-0 SB 095-A

T-0 SB 095-B

AL27

2 008 28147  
 2 001 28148  
 2 008 28156  
 2 001 28157

SB 095-A  
 □  
 SB 095-B  
 □

ns/g0014846  
AL26

I	28164	RCV	U	29529	R529	□
I	28169	BLM	\$	0002		□
I	28174	SPC	+	2313		□
I	28179	SET	B	0255		□
I	28184	SET	B	0003		□
I	28189	UFC	+	03	29528	R5B8
I	28194	RCV	U	29526	R526	□
I	28199	TZB	+	02	28214	Q2J4
I	28204	TZB	+	04	28214	Q514
I	28209	TZB	+	03	28244	Q2D4
I	28214	TAA	+	01	28229	Q259
I	28219	SEL	2	0500		□
I	28224	WR	R	28310	Q310	□
I	28229	TAC	+	03	28239	Q2C9
I	28234	TR	+	28244	Q244	□
I	28239	HLT	J	0096		□
I	28244	RCV	U	29525	R525	□
I	28249	TZB	+	02	28259	Q2N9
I	28254	TR	+	28274	Q274	□
I	28259	TZB	+	03	28269	Q2F9
I	28264	TR	+	28274	Q274	□
I	28269	TZB	+	04	28304	Q104
I	28274	TAA	+	01	28289	Q2Y9
I	28279	SEL	2	0500		□
I	28284	WR	R	28319	Q319	□
I	28289	TAC	+	03	28299	Q2I9
I	28294	TR	+	28304	Q304	□
I	28299	HLT	J	0096		□
I	28304	TAB	+	02	28364	Q104
I	28309	TR	+	28334	Q334	□

ROUTINE 096

TESTING THREE  
CHARACTER  
UNLOAD

T-O SB 096-A

T-O SB 096-B

AM28

2 008 28317  
 2 001 28318  
 2 008 28326  
 2 001 28327

SB 096-A  
 □  
 SB 096-B  
 □



ns750014847  
AN28.....

28504	RCV	U		29529	R529	□
28509	BLM	\$		0002		□
28514	SPC	•		2617		□
28519	SET	B		0255		□
28524	SET	B		0005		□
28529	WFC	•	03	29530	R5C0	□
28534	RCV	U		29526	R526	□
28539	TZB	•	02	28554	Q5N4	□
28544	TZB	•	04	28554	QV54	□
28549	TZB	•	03	28584	Q5H4	□
28554	TAA	•	01	28569	Q5W9	□
28559	SEL	I	2	0500		□
28564	WR	R		28655	Q655	□
28569	TAC	I	03	28579	Q5G9	□
28574	TR	I		28584	Q584	□
28579	HLT	J		0098		□
28584	RCV	U		29525	R525	□
28589	TZB	•	02	28599	Q5R9	□
28594	TR	I		28614	Q614	□
28599	TZB	•	03	28609	Q689	□
28604	TR	I		28614	Q614	□
28609	TZB	•	04	28649	QW49	□
28614	TAA	•	01	28629	Q6S9	□
28619	SEL	I	2	0500		□
28624	WR	R		28664	Q664	□
28629	TAC	I	03	28644	Q6D4	□
28634	TR	I		28649	Q649	□
28639	HLT	J		0098		□
28644	HLT	J		0098		□
28649	TAB	I	02	28504	Q5-4	□
28654	TR	I		28679	Q679	□

ROUTINE 098

TESTING FIVE  
CHARACTER  
UNLOAD

T-O SB 098-A

T-O SB 098-B

AP30

2	000	28662
2	001	28663
2	000	28671
2	001	28672

SB	098-A
□	
SB	098-B
□	

BANK 3

gscans/g0014884.png

P29	28679	RCV	U	29529	R529	
	28684	BLM	\$	0002		
	28689	SPC	,	3000		
	28694	SET	B	0255		
	28699	SET	B	0001		
	28704	UFC	03	29526	R5B6	
	28709	RCV	U	29526	R526	
	28714	TZB	02	28729	Q7K9	
	28719	FZB	04	28729	QX29	
	28724	TZB	03	28759	Q7E9	
	28729	TAA	01	28744	Q7U4	
	28734	SEL	2	0500		
	28739	WR		28825	Q825	
	28744	TAC	03	28754	Q7E4	
	28749	TR	1	28759	Q759	
	28754	HLT	J	0099		
	28759	RCV	U	29525	R525	
	28764	TZB	02	28774	Q7P4	
	28769	TR	1	28789	Q789	
	28774	TZB	03	28784	Q7H4	
	28779	TR	1	28789	Q789	
	28784	TZB	04	28819	QY19	
	28789	TAA	01	28804	Q8 4	
	28794	SEL	2	0500		
	28799	WR		28834	Q834	
	28804	TAC	03	28814	Q8A4	
	28809	TR	1	28819	Q819	
	28814	HLT	J	0099		
	28819	TAB	02	28679	Q6P9	
	28824	TR	1	28849	Q849	AQ31

ROUTINE 099

TESTING ONE CHARACTER UNLOAD

T-O SB 099-A

T-O SB 099-B

2 008 28832  
 2 001 28833  
 2 008 28841  
 2 001 28842

SB 099-A  
 □  
 SB 099-B  
 □

ns/g0014848  
AQ30

28849	RCV	U		29529	R529	□
28854	BLM	\$		0002		□
28859	SPC			3121		□
28864	SET	B		0255		□
28869	SET	B		0002		□
28874	UFC		03	29527	R5B7	□
28879	RCV	U		29526	R526	□
28884	TZB		02	28899	Q8R9	□
28889	TZB		04	28899	QY99	□
28894	TZB		03	28929	Q9B9	□
28899	TAA		01	28914	Q974	□
28904	SEL	2		0500		□
28909	WR	R		28995	Q995	□
28914	TAC	I	03	28924	Q9B4	□
28919	TR	I		28929	Q929	□
28924	HLT	J		0100		□
28929	RCV	U		29525	R525	□
28934	TZB		02	28944	Q9M4	□
28939	TR	I		28959	Q959	□
28944	TZB		03	28954	Q9E4	□
28949	TR	I		28959	Q959	□
28954	TZB		04	28989	QZ89	□
28959	TAA		01	28974	Q9X4	□
28964	SEL	2		0500		□
28969	WR	R		29004	R004	□
28974	TAC	I	03	28984	Q9H4	□
28979	TR	I		28989	Q989	□
28984	HLT	J		0100		□
28989	TAB	I	02	28849	Q8M9	□
28994	TR	1		29019	R019	□

ROUTINE 100

TESTING TWO-  
CHARACTER  
UNLOAD

T-O SB 100-A

T-O SB 100-B

AR32

2 008 29002  
 2 001 29003  
 2 008 29011  
 2 001 29012

SB 100-A  
 SB 100-B  
 □

ROUTINE 101

TESTING THREE  
CHARACTER  
UNLOAD

T-0 SB 101-A

T-0 SB 101-B

AS33

AR31	29019	RCV	U	29529	R529	□
I	29024	BLM	\$	0002		□
I	29029	SPC	,	3313		□
I	29034	SET	B	0255		□
I	29039	SET	B	0003		□
I	29044	UFC	,	03	29528	R5B8
I	29049	RCV	U	29526	R526	□
I	29054	TZB	,	02	29069	R009
I	29059	TZB	,	04	29069	R 69
I	29064	TZB	,	03	29099	R019
I	29069	TAA	I	01	29084	R0Y4
I	29074	SEL	2	0500		□
I	29079	WR	R	03	29165	R165
I	29084	TAC	I	03	29094	R014
I	29089	TR	I	03	29099	R099
I	29094	HLT	J	0101		□
I	29099	RCV	U	29525	R525	□
I	29104	TZB	,	02	29114	R1J4
I	29109	TR	I	03	29129	R129
I	29114	TZB	,	03	29124	R1B4
I	29119	TR	I	04	29129	R129
I	29124	TZB	,	01	29159	R759
I	29129	TAA	I	01	29144	R1U4
I	29134	SEL	2	0500		□
I	29139	WR	R	03	29174	R174
I	29144	TAC	I	03	29154	R1E4
I	29149	TR	I	03	29159	R159
I	29154	HLT	J	0101		□
I	29159	TAB	I	02	29019	R0J9
I	29164	TR	I	02	29189	R189

2 008 29172  
 2 001 29173  
 2 008 29181  
 2 001 29182

SB 101-A  
 SB 101-B  
 □



ROUTINE 102

TESTING FOUR  
CHARACTER  
UNLOAD

```

ns750014849
AS32.....
29189 RCV U 29529 R529
29194 BLM $ 0002
29199 SPC $ 3435
29204 SET $ 0255
29209 SET B 0004
29214 UFC $ 03 29529 R5B9
29219 RCV U 29526 R526
29224 TZB $ 02 29239 R2L9
29229 TZB $ 04 29239 R539
29234 TZB $ 03 29269 R2F9
29239 TAA I 01 29254 R2V4
29244 SEL I 2 0500
29249 WR R 03 29335 R335
29254 TAC I 03 29264 R2F4
29259 TR I 29269 R269
29264 HLT J 0102
29269 RCV U 29525 R525
29274 TZB $ 02 29284 R2Q4
29279 TR I 29299 R299
29284 TZB $ 03 29294 R2I4
29289 TR I 29299 R299
29294 TZB $ 04 29329 RT29
29299 TAA I 01 29314 R3/4
29304 SEL I 2 0500
29309 WR R 29344 R344
29314 TAC I 03 29324 R3B4
29319 TR I 29329 R329
29324 HLT J 0102
29329 TAB I 02 29189 R1Q9
29334 TR I 29359 R359

```

T-O SB 102-A

T-O SB 102-B

AT34

```

2 008 29342
2 001 29343
2 008 29351
2 001 29352

```

```

SB 102-A
SB 102-B

```

AT335/a001488

2	9359	RCV	U	29529	R529	□
I	29364	BLM	\$	0002		□
I	29369	SPC	,	3617		□
I	29374	SET	B	0255		□
I	29379	SET	B	0005		□
I	29384	UFC	‡	03	29530	R5C0
I	29389	RCV	U	29526	R526	□
I	29394	TZB	•	02	29409	R4-9
I	29399	TZB	•	04	29409	RU09
I	29404	TZB	•	03	29439	R4C9
I	29409	TAA	I	01	29424	R4S4
I	29414	SEL	2	0500		□
I	29419	WR	R	03	29505	R505
I	29424	TAC	I	03	29434	R4C4
I	29429	TR	1		29439	R439
I	29434	HLT	J	0103		□
I	29439	RCV	U	29525	R525	□
I	29444	TZB	•	02	29454	R4N4
I	29449	TR	1		29469	R469
I	29454	TZB	•	03	29464	R4F4
I	29459	TR	1		29469	R469
I	29464	TZB	•	04	29499	RU99
I	29469	TAA	I	01	29484	R4Y4
I	29474	SEL	2	0500		□
I	29479	WR	R	03	29514	R514
I	29484	TAC	I	03	29494	R4I4
I	29489	TR	1		29499	R499
I	29494	HLT	J	0103		□
I	29499	TAB	I	02	29359	R3N9
I	29504	TR	1		29539	R539

ROUTINE 103 TESTING FIVE CHARACTER UNLOAD

T-O SB 103-A

T-O SB 103-B

AU35

2	008	29512					SB 103-A
2	001	29513					□
2	008	29521					SB 103-B
2	001	29522					□
5	005	29529	00				UNLOADING AREA
5	005	29534					UP IN MEMORY

BANK 4

g...ns/g0014850.png

ROUTINE 104

TESTING ONE CHARACTER UNLOAD

AU34

29539	RCV	U		29529	R529	□
29544	BLM	\$		0002		□
29549	SPC	\$		4000		□
29554	SET	B		0255		□
29559	SET	B		0001		□
29564	UFC	\$	03	29526	R5B6	□
29569	RCV	U		29526	R526	□
29574	TZB	\$	02	29589	R5Q9	□
29579	TZB	\$	04	29589	RV89	□
29584	TZB	\$	03	29619	R6A9	□
29589	TAA	I	01	29604	R6 4	□
29594	SEL	2		0500		□
29599	WR	R		29685	R685	□
29604	TAC	I	03	29614	R6A4	□
29609	TR	I		29619	R619	□
29614	HLT	J		0104		□
29619	RCV	U		29525	R525	□
29624	TZB	\$	02	29634	R6L4	□
29629	TR	I		29649	R649	□
29634	TZB	\$	03	29644	R6D4	□
29639	TR	I		29649	R649	□
29644	TZB	\$	04	29679	RW79	□
29649	TAA	I	01	29664	R6W4	□
29654	SEL	2		0500		□
29659	WR	R		29694	R694	□
29664	TAC	I	03	29674	R6G4	□
29669	TR	I		29679	R679	□
29674	HLT	J		0104		□
29679	TAB	I	02	29539	R5L9	□
29684	TR	I		29709	R709	□

AV36

T-O SB 104-A

T-O SB 104-B

- 2 008 29692
- 2 001 29693
- 2 008 29701
- 2 001 29702

- SB 104-A
- 
- SB 104-B
-

ROUTINE 105

TESTING TWO  
CHARACTER  
UNLOAD

T-O SB 105-A

T-O SB 105-B

AW37

```

gtrans/g001 29709 RCV U 29529 R529
AV35 29714 BLM $ 0002
I 29719 SPC , 4121
I 29724 SET B 0255
I 29729 SET B 0002
I 29734 UFC , 03 29527 R5B7
I 29739 RCV U 29526 R526
I 29744 TZB . 02 29759 R7N9
I 29749 TZB . 04 29759 RX59
I 29754 TZB . 03 29789 R7H9
I 29759 TAA I 01 29774 R7X4
I 29764 SEL 2 0500
I 29769 WR R 29855 R855
I 29774 TAC I 03 29784 R7H4
I 29779 TR I 29789 R789
I 29784 HLT J 0105
I 29789 RCV U 29525 R525
I 29794 TZB . 02 29804 R8-4
I 29799 TR I 29819 R819
I 29804 TZB . 03 29814 R8A4
I 29809 TR I 29819 R819
I 29814 TZB . 04 29849 RY49
I 29819 TAA I 01 29834 R8T4
I 29824 SEL 2 0500
I 29829 WR R 29864 R864
I 29834 TAC I 03 29844 R8D4
I 29839 TR I 29849 R849
I 29844 HLT J 0105
I 29849 TAB I 02 29709 R7-9
I 29854 TR 1 29879 R879

```

```

2 008 29862
2 001 29863
2 008 29871
2 001 29872

```

```

SB 105-A
I
SB 105-B
I

```

ns/g0014851  
AW36

29879	RCV	U		29529	R529	□
29884	BLM	\$		0002		□
29889	SPC	+		4313		□
29894	SET	B		0255		□
29899	SET	B		0003		□
29904	UFC	+	03	29528	R5B8	□
29909	RCV	U		29526	R526	□
29914	TZB	+	02	29929	R9K9	□
29919	TZB	+	04	29929	RZ29	□
29924	TZB	+	03	29959	R9E9	□
29929	TAA	I	01	29944	R9U4	□
29934	SEL	2		0500		□
29939	WR	R		30025	&025	□
29944	TAC	I	03	29954	R9E4	□
29949	TR	1		29959	R959	□
29954	HLT	J		0106		□
29959	RCV	U		29525	R525	□
29964	TZB	+	02	29974	R9P4	□
29969	TR	1		29989	R989	□
29974	TZB	+	03	29984	R9H4	□
29979	TR	1		29989	R989	□
29984	TZB	+	04	30019	& 19	□
29989	TAA	I	01	30004	&0 4	□
29994	SEL	2		0500		□
29999	WR	R		30034	&034	□
30004	TAC	I	03	30014	&0A4	□
30009	TR	1		30019	&019	□
30014	HLT	J		0106		□
30019	TAB	I	02	29879	R8P9	□
30024	TR	1		30049	&049	□

*control char's  
unloaded, but  
in 3008 gives 3 ch.*

ROUTINE 106

TESTING THREE  
CHARACTER  
UNLOAD

T-O SB 106-A

T-O SB 106-B

AX38

2 008 30032  
 2 001 30033  
 2 008 30041  
 2 001 30042

SB 106-A  
 □  
 SB 106-B  
 □

gscans/g00  
AX37

ROUTINE 107

TESTING FOUR  
CHARACTER  
UNLOAD

I	30049	RCV	U	29529	R529	□
I	30054	BLM	\$	0002		□
I	30059	SPC	,	4435		□
I	30064	SET	B	0255		□
I	30069	SET	B	0004		□
I	30074	UFC	03	29529	R5B9	□
I	30079	RCV	U	29526	R526	□
I	30084	TZB	02	30099	60R9	□
I	30089	TZB	04	30099	6 99	□
I	30094	TZB	03	30129	61B9	□
I	30099	TAA	01	30114	6174	□
I	30104	SEL	I 2	0500		□
I	30109	WR	R	30195	6195	□
I	30114	TAC	I 03	30124	61B4	□
I	30119	TR	I	30129	6129	□
I	30124	HLT	J	0107		□
I	30129	RCV	U	29525	R525	□
I	30134	TZB	02	30144	61M4	□
I	30139	TR	I	30159	6159	□
I	30144	TZB	03	30154	61E4	□
I	30149	TR	I	30159	6159	□
I	30154	TZB	04	30189	6789	□
I	30159	TAA	I 01	30174	61X4	□
I	30164	SEL	I 2	0500		□
I	30169	WR	R	30204	6204	□
I	30174	TAC	I 03	30184	61H4	□
I	30179	TR	I	30189	6189	□
I	30184	HLT	J	0107		□
I	30189	TAB	I 02	30049	60M9	□
I	30194	TR	I	30219	6219	□

T-O SB 105-A

T-O SB 107-B

AY39

2	008	30202
2	001	30203
2	008	30211
2	001	30212

SB 107-A
□
SB 107-B
□

ns/g0014852  
Y38

□	30219	RCV	U	29529	R529	□
□	30224	BLM	\$	0002		□
□	30229	SPC	•	4617		□
□	30234	SET	B	0255		□
□	30239	SET	B	0005		□
□	30244	UFC	•	03	29530	R5C0
□	30249	RCV	U	29526	R526	□
□	30254	TZB	•	02	30269	6209
□	30259	TZB	•	04	30269	6S69
□	30264	TZB	•	03	30299	6219
□	30269	TAA	I	01	30284	62Y4
□	30274	SEL	2	0500		□
□	30279	WR	R	03	30365	6365
□	30284	TAC	I	03	30294	6214
□	30289	TR	I	03	30299	6299
□	30294	HLT	J	0108		□
□	30299	RCV	U	29525	R525	□
□	30304	TZB	•	02	30314	63J4
□	30309	TR	1	03	30329	6329
□	30314	TZB	•	03	30324	63B4
□	30319	TR	1	03	30329	6329
□	30324	TZB	•	04	30359	6T59
□	30329	TAA	I	01	30344	63U4
□	30334	SEL	2	0500		□
□	30339	WR	R	03	30374	6374
□	30344	TAC	I	03	30354	63E4
□	30349	TR	1	03	30359	6359
□	30354	HLT	J	0108		□
□	30359	TAB	I	02	30219	62J9
□	30364	TR	1	03	30389	6389

ROUTINE 108

TESTING FIVE  
CHARACTER  
UNLOAD

T-O SB 108-A

T-O SB 108-B

AZ40

2 008 30372  
 2 001 30373  
 2 008 30381  
 2 001 30382

SB 108-A  
 □  
 SB 108-B  
 □

gscans/g0014879.png

ROUTINES 109--133  
SPECIFIC NUMBER OF CHARACTER LOADS-----LFC

BANK 0

+ 0389

Address	Op	Op2	Op3	Op4	Op5	Op6	Op7
AZ39 30389	RCV	U		32979	B979		
30394	BLM	\$		0002			
30399	SPC	,		0000			
30404	SET	B		0255			
30409	SET	B		0001			
30414	UFC	,	03	32976	B9G6		
30419	SET	B		0256			
30424	LFC	,	02	32976	B9P6		
30429	UFC	,	03	32976	B9G6		
30434	RCV	U		32976	B976		
30439	TZB	.	02	30454	G4N4		
30444	TZB	.	04	30454	G4U54		
30449	TZB	.	03	30484	G4H4		
30454	TAA	I	01	30469	G4W9		
30459	SEL	R	02	0500			
30464	WR	R		30550	G550		
30469	TAC	I	03	30479	G4G9		
30474	TR	I		30484	G484		
30479	HLT	J		0109			
30484	RCV	U		32975	B975		
30489	TZB	.	02	30499	G4R9		
30494	TR	I		30514	G514		
30499	TZB	.	03	30509	G5G9		
30504	TR	I		30514	G514		
30509	TZB	.	04	30544	G4V44		
30514	TAA	I	01	30529	G5S9		
30519	SEL	R	02	0500			
30524	WR	R		30559	G559		
30529	TAC	I	03	30539	G5C9		
30534	TR	I		30544	G544		
30539	HLT	J		0109			
30544	TAB	I	02	30389	G3Q9		
30549	TR	I		30574	G574		BA41

ROUTINE 109

TESTING ONE CHARACTER-LOAD

T-O SB 109-A

T-O SB 109-B

2 008 30557  
2 001 30558  
2 008 30566  
2 001 30567

SB 109-A  
□  
SB 109-B  
□



ns7g0014853  
BA40

30574	RCV	U		32979	B979	□
30579	BLM	\$		0002		□
30584	SPC	\$		0121		□
30589	SET	B		0255		□
30594	SET	B		0002		□
30599	UFC	\$	03	32977	B9G7	□
30604	SET	B		0257		□
30609	LFC	\$	02	32977	B9P7	□
30614	UFC	\$	03	32977	B9G7	□
30619	RCV	U		32976	B976	□
30624	TZB	\$	02	30639	66L9	□
30629	TZB	\$	04	30639	6W39	□
30634	TZB	\$	03	30669	66F9	□
30639	TAA	I	01	30654	66V4	□
30644	SEL	2		0500		□
30649	WR	R		30735	6735	□
30654	TAC	I	03	30664	66F4	□
30659	TR	1		30669	6669	□
30664	HLT	J		0110		□
30669	RCV	U		32975	B975	□
30674	TZB	\$	02	30684	66Q4	□
30679	TR	1		30699	6699	□
30684	TZB	\$	03	30694	6614	□
30689	TR	1		30699	6699	□
30694	TZB	\$	04	30729	6X29	□
30699	TAA	I	01	30714	6774	□
30704	SEL	2		0500		□
30709	WR	R		30744	6744	□
30714	TAC	I	03	30724	6784	□
30719	TR	1		30729	6729	□
30724	HLT	J		0110		□
30729	TAB	I	02	30574	65P4	□
30734	TR	1		30759	6759	□

ROUTINE 110

TESTING TWO  
CHARACTER-  
LOAD

T-O SB 110-A

T-O SB 110-B

BB42

2 008 30742  
 2 001 30743  
 2 008 30751  
 2 001 30752

SB 110-A  
 □  
 SB 110-B  
 □

ROUTINE 111

TESTING THREE  
CHARACTER-  
LOAD

T-O SB 111-A

T-O SB 111-B

BC43

```

scans/g001
BB41.....
I 30759 RCV U 32979 B979
I 30764 BLM $ 0002
I 30769 SPC $ 0313
I 30774 SET B 0255
I 30779 SET B 0003
I 30784 UFC $ 03 32978 B9G8
I 30789 SET B 0258
I 30794 LFC $ 02 32978 B9P8
I 30799 UFC $ 03 32978 B9G8
I 30804 RCV U 32976 B976
I 30809 TZB $ 02 30824 68K4
I 30814 TZB $ 04 30824 6Y24
I 30819 TZB $ 03 30854 68E4
I 30824 TAA I 01 30839 68T9
I 30829 SEL 0500
I 30834 WR R 30920 6920
I 30839 TAC I 03 30849 68D9
I 30844 TR I 1 30854 6854
I 30849 HLT J 0111
I 30854 RCV U 32975 B975
I 30859 TZB $ 02 30869 6809
I 30864 TR I 1 30884 6884
I 30869 TZB $ 03 30879 68G9
I 30874 TR I 1 30884 6884
I 30879 TZB $ 04 30914 6Z14
I 30884 TAA I 01 30899 68Z9
I 30889 SEL 0500
I 30894 WR R 30929 6929
I 30899 TAC I 03 30909 69E9
I 30904 TR I 1 30914 6914
I 30909 HLT J 0111
I 30914 TAB I 02 30759 67N9
I 30919 TR I 1 30944 6944

```

2 008 30927  
 2 001 30928  
 2 008 30936  
 2 001 30937

SB 111-A  
 SB 111-B

ns/g0014854  
BC42

```

#####
I 30944 RCV U 32979 B979  #
I 30949 BLM $ 0002  #
I 30954 SPC $ 0435  #
I 30959 SET $ 0255  #
I 30964 SET B 0004  #
I 30969 UFC $ 03 32979 B9G9  #
I 30974 SET B 0259  #
I 30979 LFC $ 02 32979 B9P9  #
I 30984 UFC $ 03 32979 B9G9  #
I 30989 RCV U 32976 B976  #
I 30994 TZB $ 02 31009 A0-9  #
I 30999 TZB $ 04 31009 A 09  #
I 31004 TZB $ 03 31039 A0C9  #
I 31009 TAA I 01 31024 A0S4  #
I 31014 SEL 2 0500  #
I 31019 WR R 31105 A105  #
I 31024 TAC I 03 31034 A0C4  #
I 31029 TR I 31039 A039  #
I 31034 HLT J 0112  #
I 31039 RCV U 32975 B975  #
I 31044 TZB $ 02 31054 A0N4  #
I 31049 TR I 31069 A069  #
I 31054 TZB $ 03 31064 A0F4  #
I 31059 TR I 31069 A069  #
I 31064 TZB $ 04 31099 A 99  #
I 31069 TAA I 01 31084 A0Y4  #
I 31074 SEL 2 0500  #
I 31079 WR R 31114 A114  #
I 31084 TAC I 03 31094 A014  #
I 31089 TR I 31099 A099  #
I 31094 HLT J 0112  #
I 31099 TAB I 02 30944 69M4  #
I 31104 TR I 31129 A129  #
#####

```

ROUTINE 112

TESTING FOUR  
CHARACTER-  
LOAD

T-O SB 112-A

T-O SB 112-B

BD44

```

2 008 31112
2 001 31113
2 008 31121
2 001 31122

```

```

SB 112-A
#
SB 112-B
#

```

scans/g00148  
BD43

I	□	31129	RCV	U		32979	B979	□
I	□	31134	BLM	\$		0002		□
I	□	31139	SPC	\$		0617		□
I	□	31144	SET	B		0255		□
I	□	31149	SET	B		0005		□
I	□	31154	UFC	\$	03	32980	B9H0	□
I	□	31159	SET	B		0260		□
I	□	31164	LFC	\$	02	32980	B9Q0	□
I	□	31169	UFC	\$	03	32980	B9H0	□
I	□	31174	RCV	U		32976	B976	□
I	□	31179	TZB	•	02	31194	A1R4	□
I	□	31184	TZB	•	04	31194	A/94	□
I	□	31189	TZB	•	03	31224	A2B4	□
I	□	31194	TAA	I	01	31209	A2 9	□
I	□	31199	SEL	2		0500		□
I	□	31204	WR	R		31290	A290	□
I	□	31209	TAC	I	03	31219	A2A9	□
I	□	31214	TR	I		31224	A224	□
I	□	31219	HLT	J		0113		□
I	□	31224	RCV	U		32975	B975	□
I	□	31229	TZB	•	02	31239	A2L9	□
I	□	31234	TR	1		31254	A254	□
I	□	31239	TZB	•	03	31249	A2D9	□
I	□	31244	TR	1		31254	A254	□
I	□	31249	TZB	•	04	31284	AS84	□
I	□	31254	TAA	I	01	31269	A2W9	□
I	□	31259	SEL	2		0500		□
I	□	31264	WR	R		31299	A299	□
I	□	31269	TAC	I	03	31279	A2G9	□
I	□	31274	TR	1		31284	A284	□
I	□	31279	HLT	J		0113		□
I	□	31284	TAB	I	02	31129	A1K9	□
I	□	31289	TR	1		31314	A314	□

ROUTINE 113

TESTING FIVE  
CHARACTER-  
LOAD

T-O SB 113-A

T-O SB 113-B

BE45

2 008 31297  
 2 001 31298  
 2 008 31306  
 2 001 31307

SB 113-A  
 □  
 SB 113-B  
 □

BE44	31314	RCV	U	32979	B979	□
I	31319	BLM	\$	0002		□
I	31324	SPC	\$	1000		□
I	31329	SET	BB	0255		□
I	31334	SET	B	0001		□
I	31339	UFC	B	03	32976	B9G6
I	31344	SET	B	0256		□
I	31349	LFC	\$	02	32976	B9P6
I	31354	UFC	\$	03	32976	B9G6
I	31359	RCV	U		32976	B976
I	31364	TZB	\$	02	31379	A3P9
I	31369	TZB	\$	04	31379	AT79
I	31374	TZB	\$	03	31409	A4E9
I	31379	TAA	I	01	31394	A3Z4
I	31384	SEL	2	0500		□
I	31389	WR	R		31475	A475
I	31394	TAC	I	03	31404	A4E4
I	31399	TR	I		31409	A409
I	31404	HLT	J		0114	
I	31409	RCV	U		32975	B975
I	31414	TZB	\$	02	31424	A4K4
I	31419	TR	I		31439	A439
I	31424	TZB	\$	03	31434	A4C4
I	31429	TR	I		31439	A439
I	31434	TZB	\$	04	31469	AU69
I	31439	TAA	I	01	31454	A4V4
I	31444	SEL	2	0500		□
I	31449	WR	R		31484	A484
I	31454	TAC	I	03	31464	A4F4
I	31459	TR	I		31469	A469
I	31464	HLT	J		0114	
I	31469	TAB	I	02	31314	A3J4
I	31474	TR	1		31499	A499

ROUTINE 114

TESTING ONE  
CHARACTER-  
LOAD

T-O SB 114-A

T-O SB 114-B

BF46

2 008 31482  
 2 001 31483  
 2 008 31491  
 2 001 31492

SB 114-A  
 □  
 SB 114-B  
 □

gscans/g00  
8F45

I	31499	RCV	U	32979	B979	□	
I	31504	BLM	\$	0002		□	
I	31509	SPC	+	1121		□	
I	31514	SET	B	0255		□	
I	31519	SET	B	0002		□	
I	31524	UFC	+	03	32977	B9G7	□
I	31529	SET	B	0257		□	
I	31534	LFC	+	02	32977	B9P7	□
I	31539	UFC	+	03	32977	B9G7	□
I	31544	RCV	U	32976	B976	□	
I	31549	TZB	•	31564	A504	□	
I	31554	TZB	•	04	31564	AV64	□
I	31559	TZB	•	03	31594	A5I4	□
I	31564	TAA	I	01	31579	A5X9	□
I	31569	SEL		0500		□	
I	31574	WR	I	2	31660	A660	□
I	31579	TAC	I	03	31589	A5H9	□
I	31584	TR	I		31594	A594	□
I	31589	HLT	J		0115		□
I	31594	RCV	U	32975	B975	□	
I	31599	TZB	•	02	31609	A6-9	□
I	31604	TR	I	1	31624	A624	□
I	31609	TZB	•	03	31619	A6A9	□
I	31614	TR	I		31624	A624	□
I	31619	TZB	•	04	31654	AW54	□
I	31624	TAA	I	01	31639	A6T9	□
I	31629	SEL		0500		□	
I	31634	WR	I	2	31669	A669	□
I	31639	TAC	I	03	31649	A6D9	□
I	31644	TR	I		31654	A654	□
I	31649	HLT	J		0115		□
I	31654	TAB	I	02	31499	A4R9	□
I	31659	TR	I	1	31684	A684	□

ROUTINE 115

TESTING TWO  
CHARACTER-  
LOAD

T-O SB 115-A

T-O SB 115-B

BG47

2 008 31667  
 2 001 31668  
 2 008 31676  
 2 001 31677

SB 115-A  
 □  
 SB 115-B  
 □

ns/g0014856  
BG46

```

I 31684 RCV U 32979 B979
I 31689 BLM $ 0002
I 31694 SPC B 1313
I 31699 SET B 0255
I 31704 SET B 0003
I 31709 UFC 03 32978 B9G8
I 31714 SET B 0258
I 31719 LFC 02 32978 B9P8
I 31724 UFC 03 32978 B9G8
I 31729 RCV U 32976 B976
I 31734 TZB 02 31749 A7M9
I 31739 TZB 04 31749 AX49
I 31744 TZB 03 31779 A7G9
I 31749 TAA I 01 31764 A7W4
I 31754 SEL R 0500
I 31759 WR I 03 31845 A845
I 31764 TAC I 03 31774 A7G4
I 31769 TR I 31779 A779
I 31774 HLT J 0116
I 31779 RCV U 32975 B975
I 31784 TZB 02 31794 A7R4
I 31789 TR 1 31809 A809
I 31794 TZB 03 31804 A864
I 31799 TR 1 31809 A809
I 31804 TZB 04 31839 AY39
I 31809 TAA I 01 31824 A854
I 31814 SEL R 0500
I 31819 WR I 31854 A854
I 31824 TAC I 03 31834 A8C4
I 31829 TR I 31839 A839
I 31834 HLT J 0116
I 31839 TAB I 02 31684 A6Q4
I 31844 TR 1 31869 A869

```

ROUTINE 116

TESTING THREE  
CHARACTER-  
LOAD

T-O SB 116-A

T-O SB 116-B

BH48

```

2 008 31852 SB 116-A
2 001 31853
2 008 31861 SB 116-B
2 001 31862

```

gscans/g00  
H47

```

I 31869 RCV U 32979 B979
I 31874 BLM $ 0002
I 31879 SPC , 1435
I 31884 SET B 0255
I 31889 SET B 0004
I 31894 UFC , 03 32979 B9G9
I 31899 SET B 0259
I 31904 LFC , 02 32979 B9P9
I 31909 UFC , 03 32979 B9G9
I 31914 RCV U 32976 B976
I 31919 TZB . 02 31934 A9L4
I 31924 TZB . 04 31934 AZ34
I 31929 TZB . 03 31964 A9F4
I 31934 TAA I 01 31949 A9U9
I 31939 SEL R 0500
I 31944 WR I 2 32030 B030
I 31949 TAC I 03 31959 A9E9
I 31954 TR I 1 31964 A964
I 31959 HLT J 0117
I 31964 RCV U 32975 B975
I 31969 TZB . 02 31979 A9P9
I 31974 TR I 1 31994 A994
I 31979 TZB . 03 31989 A9H9
I 31984 TR I 1 31994 A994
I 31989 TZB . 04 32024 B 24
I 31994 TAA I 01 32009 B0 9
I 31999 SEL R 0500
I 32004 WR I 2 32039 B039
I 32009 TAC I 03 32019 B0A9
I 32014 TR I 1 32024 B024
I 32019 HLT J 0117
I 32024 TAB I 02 31869 A809
I 32029 TR I 32054 B054

```

ROUTINE 117

TESTING FOUR  
CHARACTER-  
LOAD

T-O SB 117-A

T-O SB 117-B

BJ49

```

2 008 32037
2 001 32038
2 008 32046
2 001 32047

```

```

SB 117-A
  32037
SB 117-B
  32046

```



gs/g0014857  
BJ48.....

ROUTINE 118

TESTING FIVE  
CHARACTER-  
LOAD

I	32054	RCV	U	32979	B979	□
I	32059	BLM	\$	0002		□
I	32064	SPC	,	1617		□
I	32069	SET	B	0255		□
I	32074	SET	B	0005		□
I	32079	UFC	,	03	32980	B9H0
I	32084	SET	B	0260		□
I	32089	LFC	,	02	32980	B9Q0
I	32094	UFC	,	03	32980	B9H0
I	32099	RCV	U	32976	B976	□
I	32104	TZB	,	02	32119	B1J9
I	32109	TZB	,	04	32119	B119
I	32114	TZB	,	03	32149	B1D9
I	32119	TAA	I	01	32134	B1T4
I	32124	SEL	R	0500		□
I	32129	WR	R	32215	B215	□
I	32134	TAC	I	03	32144	B1D4
I	32139	TR	I	1	32149	B149
I	32144	HLT	J	0118		□
I	32149	RCV	U	32975	B975	□
I	32154	TZB	,	02	32164	B104
I	32159	TR	I	1	32179	B179
I	32164	TZB	,	03	32174	B1G4
I	32169	TR	I	1	32179	B179
I	32174	TZB	,	04	32209	BS09
I	32179	TAA	I	01	32194	B1Z4
I	32184	SEL	R	0500		□
I	32189	WR	R	32224	B224	□
I	32194	TAC	I	03	32204	B264
I	32199	TR	I	1	32209	B209
I	32204	HLT	J	0118		□
I	32209	TAB	I	02	32054	B0N4
I	32214	TR	I	1	32239	B239

T-O SB 118-A

T-O SB 118-B

BK50

2 008 32222  
 2 001 32223  
 2 008 32231  
 2 001 32232

SB 118-A  
 □  
 SB 118-B  
 □

BANK 2

gscans/g0014874.png

BK49	32239	RCV	U	32979	B979	□
I	32244	BLM	\$	0002		□
I	32249	SPC	,	2000		□
I	32254	SET	B	0255		□
I	32259	SET	B	0001		□
I	32264	UFC	,	03	32976	B9G6
I	32269	SET	B	0256		□
I	32274	LFC	,	02	32976	B9P6
I	32279	UFC	,	03	32976	B9G6
I	32284	RCV	U	32976	B976	□
I	32289	TZB	,	02	32304	B3-4
I	32294	TZB	,	04	32304	BT04
I	32299	TZB	,	03	32334	B3C4
I	32304	TAA	I	01	32319	B3/9
I	32309	SEL	2	0500		□
I	32314	WR	R	32400	B400	□
I	32319	TAC	I	03	32329	B3B9
I	32324	TR	1	32334	B334	□
I	32329	HLT	J	0119		□
I	32334	RCV	U	32975	B975	□
I	32339	TZB	,	02	32349	B3M9
I	32344	TR	1	32364	B364	□
I	32349	TZB	,	03	32359	B3E9
I	32354	TR	1	32364	B364	□
I	32359	TZB	,	04	32394	BT94
I	32364	TAA	I	01	32379	B3X9
I	32369	SEL	2	0500		□
I	32374	WR	R	32409	B409	□
I	32379	TAC	I	03	32389	B9H9
I	32384	TR	1	32394	B394	□
I	32389	HLT	J	0119		□
I	32394	TAB	I	02	32239	B2L9
I	32399	TR	1	32424	B424	□

ROUTINE 119

TESTING ONE CHARACTER-LOAD

T-O SB 119-A

T-O SB 119-B

BL51

2 008 32407  
 2 001 32408  
 2 008 32416  
 2 001 32417

SB 119-A  
 □  
 SB 119-B  
 □

BL 50 0014858

I	32424	RCV	U		32979	B979	□
I	32429	BLM	\$		0002		□
I	32434	SPC	+	B	2121		□
I	32439	SET			0255		□
I	32444	SET	B	B	0002		□
I	32449	UFC	+	03	32977	B9G7	□
I	32454	SET	B		0257		□
I	32459	LFC	+	02	32977	B9P7	□
I	32464	UFC	+	03	32977	B9G7	□
I	32469	RCV	U		32976	B976	□
I	32474	TZB		02	32489	B4Q9	□
I	32479	TZB		04	32489	BU89	□
I	32484	TZB		03	32519	B5A9	□
I	32489	TAA	I	01	32504	B5 4	□
I	32494	SEL			0500		□
I	32499	WR	R		32585	B585	□
I	32504	TAC	I	03	32514	B5A4	□
I	32509	TR	J		32519	B519	□
I	32514	HLT	J		0120		□
I	32519	RCV	U		32975	B975	□
I	32524	TZB		02	32534	B5L4	□
I	32529	TR		1	32549	B549	□
I	32534	TZB		03	32544	B5D4	□
I	32539	TR		1	32549	B549	□
I	32544	TZB		04	32579	BV79	□
I	32549	TAA	I	01	32564	B5W4	□
I	32554	SEL			0500		□
I	32559	WR	R		32594	B594	□
I	32564	TAC	I	03	32574	B5G4	□
I	32569	TR	J		32579	B579	□
I	32574	HLT	J		0120		□
I	32579	TAB	I	02	32424	B4K4	□
I	32584	TR	I		32609	B609	□

ROUTINE 120

TESTING TWO CHARACTER LOAD

T-O SB 120-A

T-O SB 120-B

BM52

2 008 32592  
 2 001 32593  
 2 008 32601  
 2 001 32602

SB 120-A  
 □  
 SB 120-B  
 □

BN51 1/2 001 4873

I	□	32609	RCV	U		32979	B979	□
I	□	32614	BLM	\$		0002		□
I	□	32619	SPC	‡		2313		□
I	□	32624	SET	B		0255		□
I	□	32629	SET	B		0003		□
I	□	32634	UFC	‡	03	32978	B9G8	□
I	□	32639	SET	B		0258		□
I	□	32644	LFC	‡	02	32978	B9P8	□
I	□	32649	UFC	‡	03	32978	B9G8	□
I	□	32654	RCV	U		32976	B976	□
I	□	32659	TZB	‡	02	32674	B6P4	□
I	□	32664	TZB	•	04	32674	BW74	□
I	□	32669	TZB	•	03	32704	B7E4	□
I	□	32674	TAA	I	01	32689	B6Y9	□
I	□	32679	SEL	2		0500		□
I	□	32684	WR	R		32770	B770	□
I	□	32689	TAC	I	03	32699	B6I9	□
I	□	32694	TR	I		32704	B704	□
I	□	32699	HLT	J		0121		□
I	□	32704	RCV	U		32975	B975	□
I	□	32709	TZB	‡	02	32719	B7J9	□
I	□	32714	TR	I		32734	B734	□
I	□	32719	TZB	‡	03	32729	B7B9	□
I	□	32724	TR	I		32734	B734	□
I	□	32729	TZB	‡	04	32764	BX64	□
I	□	32734	TAA	I	01	32749	B7U9	□
I	□	32739	SEL	2		0500		□
I	□	32744	WR	R		32779	B779	□
I	□	32749	TAC	I	03	32759	B7E9	□
I	□	32754	TR	I		32764	B764	□
I	□	32759	HLT	J		0121		□
I	□	32764	TAB	I	02	32609	B6-9	□
I	□	32769	TR	I		32794	B794	□

ROUTINE 121

TESTING THREE  
CHARACTER-  
LOAD

T-O SB 121-A

T-O SB 121-B

BN53

2 008 32777  
 2 001 32778  
 2 008 32786  
 2 001 32787

SB 121-A  
 □  
 SB 121-B  
 □

ns/g0014859  
BN52.....

```

32794 RCV U 32979 B979
32799 BLM $ 0002
32804 SPC $ 2435
32809 SET B 0255
32814 SET B 0004
32819 UFC $ 03 32979 B9G9
32824 SET B 0259
32829 LFC $ 02 32979 B9P9
32834 UFC $ 03 32979 B9G9
32839 RCV U 32976 B976
32844 TZB $ 02 32859 B8N9
32849 TZB $ 04 32859 BY59
32854 TZB $ 03 32889 B8H9
32859 TAA I 01 32874 B8X4
32864 SEL R 2 0500
32869 WR I 2 32955 B955
32874 TAC I 03 32884 B8H4
32879 TR I 1 32889 B889
32884 HLT J 0122
32889 RCV U 32975 B975
32894 TZB $ 02 32904 B9-4
32899 TR I 1 32919 B919
32904 TZB $ 03 32914 B9A4
32909 TR I 1 32919 B919
32914 TZB $ 04 32949 BZ49
32919 TAA I 01 32934 B9T4
32924 SEL R 2 0500
32929 WR I 2 32964 B964
32934 TAC I 03 32944 B9D4
32939 TR I 1 32949 B949
32944 HLT J 0122
32949 TAB I 02 32794 B7R4
32954 TR I 1 32989 B989

```

ROUTINE 122

TESTING FOUR  
CHARACTER-  
LOAD

T-O SB 122-A

T-O SB 122-B

BP54

```

2 008 32962 SB 122-A
2 001 32963
2 008 32971 SB 122-B
2 001 32972
5 005 32979 00 UNLOADING AREA
5 005 32984 IN MEMORY

```

ROUTINE 123

TESTING FIVE  
CHARACTER-  
LOAD

gscans/g001  
BP53

I	32989	RCV	U	32979	B979	□	
I	32994	BLM	\$	0002		□	
I	32999	SPC	,	2617		□	
I	33004	SET	B	0255		□	
I	33009	SET	B	0005		□	
I	33014	UFC	,	03	32980	B9H0	□
I	33019	SET	B	0260		□	
I	33024	LFC	,	02	32980	B9Q0	□
I	33029	UFC	,	03	32980	B9H0	□
I	33034	RCV	U	32976	B976	□	
I	33039	TZB	,	02	33054	CON4	□
I	33044	TZB	,	04	33054	C 54	□
I	33049	TZB	,	03	33084	COH4	□
I	33054	TAA	I	01	33069	COW9	□
I	33059	SEL	2	0500		□	
I	33064	WR	R	33150	C150	□	
I	33069	TAC	I	03	33079	COG9	□
I	33074	TR	I	33084	CO84	□	
I	33079	HLT	J	0123		□	
I	33084	RCV	U	32975	B975	□	
I	33089	TZB	,	02	33099	COR9	□
I	33094	TR	1	33114	C114	□	
I	33099	TZB	,	03	33109	C169	□
I	33104	TR	1	33114	C114	□	
I	33109	TZB	,	04	33144	C/44	□
I	33114	TAA	I	01	33129	C159	□
I	33119	SEL	2	0500		□	
I	33124	WR	R	33159	C159	□	
I	33129	TAC	I	03	33139	C1C9	□
I	33134	TR	1	33144	C144	□	
I	33139	HLT	J	0123		□	
I	33144	TAB	I	02	32989	B9Q9	□
I	33149	TR	1	33174	C174	□	

T-O SB 123-A

T-O SB 123-B

BQ55

2 008 33157  
 2 001 33158  
 2 008 33166  
 2 001 33167

SB 123-A  
 □  
 SB 123-B  
 □

BANK 3

ROUTINE 124

TESTING ONE CHARACTER LOAD

BQ54.....

I	33174	RCV	U	32979	B979	□
I	33179	BLM	\$	0002		□
I	33184	SPC		3000		□
I	33189	SET	B	0255		□
I	33194	SET	B	0001		□
I	33199	UFC	03	32976	B9G6	□
I	33204	SET	B	0256		□
I	33209	LFC	02	32976	B9P6	□
I	33214	UFC	03	32976	B9G6	□
I	33219	RCV	U	32976	B976	□
I	33224	TZB	02	33239	C2L9	□
I	33229	TZB	04	33239	C539	□
I	33234	TZB	03	33269	C2F9	□
I	33239	TAA	01	33254	C2V4	□
I	33244	SEL	2	0500		□
I	33249	WR	R	33335	C335	□
I	33254	TAC	03	33264	C2F4	□
I	33259	TR	I	33269	C269	□
I	33264	HLT	J	0124		□
I	33269	RCV	U	32975	B975	□
I	33274	TZB	02	33284	C2Q4	□
I	33279	TR	1	33299	C299	□
I	33284	TZB	03	33294	C214	□
I	33289	TR	1	33299	C299	□
I	33294	TZB	04	33329	CT29	□
I	33299	TAA	01	33314	C3/4	□
I	33304	SEL	2	0500		□
I	33309	WR	R	33344	C344	□
I	33314	TAC	03	33324	C3B4	□
I	33319	TR	I	33329	C329	□
I	33324	HLT	J	0124		□
I	33329	TAB	I	33174	C1P4	□
I	33334	TR	1	33359	C359	□

T-0 SB 124-A

T-0 SB 124-B

BR56

2 008 33342  
 2 001 33343  
 2 008 33351  
 2 001 33352

SB 124-A  
 □  
 SB 124-B  
 □

ROUTINE 125

TESTING TWO  
CHARACTER-  
LOAD

scans/g00148  
BR55

I	33359	RCV	U	32979	B979	□
I	33364	BLM	\$	0002		□
I	33369	SPC	,	3121		□
I	33374	SET	B	0255		□
I	33379	SET	B	0002		□
I	33384	UFC	03	32977	B9G7	□
I	33389	SET	B	0257		□
I	33394	LFC	02	32977	B9P7	□
I	33399	UFC	03	32977	B9G7	□
I	33404	RCV	U	32976	B976	□
I	33409	TZB	02	33424	C4K4	□
I	33414	TZB	04	33424	CU24	□
I	33419	TZB	03	33454	C4E4	□
I	33424	TAA	01	33439	C4T9	□
I	33429	SEL	2	0500		□
I	33434	WR	R	33520	C520	□
I	33439	TAC	I	33449	C4D9	□
I	33444	TR	I	33454	C454	□
I	33449	HLT	J	0125		□
I	33454	RCV	U	32975	B975	□
I	33459	TZB	02	33469	C409	□
I	33464	TR	1	33484	C484	□
I	33469	TZB	03	33479	C4G9	□
I	33474	TR	1	33484	C484	□
I	33479	TZB	04	33514	CV14	□
I	33484	TAA	01	33499	C4Z9	□
I	33489	SEL	2	0500		□
I	33494	WR	R	33529	C529	□
I	33499	TAC	I	33509	C5E9	□
I	33504	TR	1	33514	C514	□
I	33509	HLT	J	0125		□
I	33514	TAB	I	33359	C3N9	□
I	33519	TR	1	33544	C544	□

T-O SB 125-A

T-O SB 125-B

BS57

2 008 33527  
 2 001 33528  
 2 008 33536  
 2 001 33537

SB 125-A  
 □  
 SB 125-B  
 □



ROUTINE 126

TESTING THREE  
CHARACTER-  
LOAD

```

33544 RCV U 32979 B979
33549 BLM $ 0002
33554 SPC B 3313
33559 SET B 0255
33564 SET B 0003
33569 UFC B 03 32978 B9G8
33574 SET B 0258
33579 LFC B 02 32978 B9P8
33584 UFC B 03 32978 B9G8
33589 RCV U 32976 B976
33594 TZB B 02 33609 C6-9
33599 TZB B 04 33609 CW09
33604 TZB B 03 33639 C6C9
33609 TAA I 01 33624 C6S4
33614 SEL R 0500
33619 WR I 33705 C705
33624 TAC I 03 33634 C6C4
33629 TR I 33639 C639
33634 HLT J 0126
33639 RCV U 32975 B975
33644 TZB B 02 33654 C6N4
33649 TR I 33669 C669
33654 TZB B 03 33664 C6F4
33659 TR I 33669 C669
33664 TZB B 04 33699 CW99
33669 TAA I 01 33684 C6Y4
33674 SEL R 0500
33679 WR I 33714 C714
33684 TAC I 03 33694 C6I4
33689 TR I 33699 C699
33694 HLT J 0126
33699 TAB I 02 33544 C5M4
33704 TR I 33729 C729

```

T-O SB 126-A

T-O SB 126-B

BT58

```

2 008 33712
2 001 33713
2 008 33721
2 001 33722

```

```

SB 126-A
B
SB 126-B
B

```

BT 57 0014

33729	RCV	U		32979	B979	□
33734	BLM	\$		0002		□
33739	SPC	,		3435		□
33744	SET	B	B	0255		□
33749	SET	B	B	0004		□
33754	UFC	,	03	32979	B9G9	□
33759	SET	B	B	0259		□
33764	LFC	,	02	32979	B9P9	□
33769	UFC	,	03	32979	B9G9	□
33774	RCV	U		32976	B976	□
33779	TZB	,	02	33794	C7R4	□
33784	TZB	,	04	33794	CX94	□
33789	TZB	,	03	33824	C8B4	□
33794	TAA	I	01	33809	C8 9	□
33799	SEL	I	2	0500		□
33804	WR	R		33890	C890	□
33809	TAC	I	03	33819	C8A9	□
33814	TR	I		33824	C824	□
33819	HLT	J		0127		□
33824	RCV	U		32975	B975	□
33829	TZB	,	02	33839	C8L9	□
33834	TR	I		33854	C854	□
33839	TZB	,	03	33849	C8D9	□
33844	TR	I		33854	C854	□
33849	TZB	,	04	33884	CY84	□
33854	TAA	I	01	33869	C8W9	□
33859	SEL	I	2	0500		□
33864	WR	R		33899	C899	□
33869	TAC	I	03	33879	C8G9	□
33874	TR	I		33884	C884	□
33879	HLT	J		0127		□
33884	TAB	I	02	33729	C7K9	□
33889	TR	I		33914	C914	□

ROUTINE 127

TESTING FOUR CHARACTER-LOAD

T-O SB 127-A

T-O SB 127-B

-----BU59

2 008 33897  
 2 001 33898  
 2 008 33906  
 2 001 33907

SB 127-A  
 □  
 SB 127-B  
 □

95/0014862  
058

33914	RCV	U		32979	B979	□
33919	BLM	\$		0002		□
33924	SPC	\$		3617		□
33929	SET	B		0255		□
33934	SET	B		0005		□
33939	UFC	\$	03	32980	B9H0	□
33944	SET	B		0260		□
33949	LFC	\$	02	32980	B9Q0	□
33954	UFC	\$	03	32980	B9H0	□
33959	RCV	U		32976	B976	□
33964	TZB	\$	02	33979	C9P9	□
33969	TZB	\$	04	33979	CZ79	□
33974	TZB	\$	03	34009	D0&9	□
33979	TAA	I	01	33994	C9Z4	□
33984	SEL	I	2	0500		□
33989	WR	R		34075	D075	□
33994	TAC	I	03	34004	D0&4	□
33999	TR	I		34009	D009	□
34004	HLT	J		0128		□
34009	RCV	U		32975	B975	□
34014	TZB	\$	02	34024	D0K4	□
34019	TR	I		34039	D039	□
34024	TZB	\$	03	34034	D0C4	□
34029	TR	I		34039	D039	□
34034	TZB	\$	04	34069	D 69	□
34039	TAA	I	01	34054	D0V4	□
34044	SEL	I	2	0500		□
34049	WR	R		34084	D084	□
34054	TAC	I	03	34064	D0F4	□
34059	TR	I		34069	D069	□
34064	HLT	J		0128		□
34069	TAB	I	02	33914	C9J4	□
34074	TR	I		34099	D099	□

ROUTINE 128

TESTING FIVE  
CHARACTER-  
LOAD

T-O SB 128-A

T-O SB 128-B

BV60

2 008 34082  
 2 001 34083  
 2 008 34091  
 2 001 34092

SB 128-A  
 □  
 SB 128-B  
 □

gscans/g0014869.png

BANK 4

```

BV59.....
I 34099 RCV U 32979 B979
I 34104 BLM $ 0002
I 34109 SPC , 4000
I 34114 SET , BB 0255
I 34119 SET B 0001
I 34124 UFC , 03 32976 B9G6
I 34129 SET B 0256
I 34134 LFC , 02 32976 B9P6
I 34139 UFC , 03 32976 B9G6
I 34144 RCV U 32976 B976
I 34149 TZB . 02 34164 D104
I 34154 TZB . 04 34164 D/64
I 34159 TZB . 03 34194 D114
I 34164 TAA I 01 34179 D1X9
I 34169 SEL 2 R I 0500
I 34174 WR R I 34260 D260
I 34179 TAC I 03 34189 D1H9
I 34184 TR I 34194 D194
I 34189 HLT J 0129
I 34194 RCV U 32975 B975
I 34199 TZB . 02 34209 D2-9
I 34204 FR I 34224 D224
I 34209 TZB . 03 34219 D2A9
I 34214 TR I 34224 D224
I 34219 TZB . 04 34254 DS54
I 34224 TAA I 01 34239 D2T9
I 34229 SEL 2 R I 0500
I 34234 WR R I 34269 D269
I 34239 TAC I 03 34249 D209
I 34244 TR I 34254 D254
I 34249 HLT J 0129
I 34254 TAB I 02 34099 D0R9
I 34259 TR I 34284 D284

```

ROUTINE 129

TESTING ONE CHARACTER-LOAD

T-O SB 129-A

T-O SB 129-B

BW61

```

2 008 34267
2 001 34268
2 008 34276
2 001 34277

```

```

SB 129-A
SB 129-B

```

ns/g0014863.  
BW60

I	34284	RCV	U		32979	B979	□
I	34289	BLM	\$		0002		□
I	34294	SPC	‡		4121		□
I	34299	SET	B		0255		□
I	34304	SET	B		0002		□
I	34309	UFC	‡	03	32977	B9G7	□
I	34314	SET	B		0257		□
I	34319	LFC	‡	02	32977	B9P7	□
I	34324	UFC	‡	03	32977	B9G7	□
I	34329	RCV	U		32976	B976	□
I	34334	TZB	‡	02	34349	D3M9	□
I	34339	TZB	‡	04	34349	DT49	□
I	34344	TZB	‡	03	34379	D3G9	□
I	34349	TAA	I	01	34364	D3W4	□
I	34354	SEL	2		0500		□
I	34359	WR	R		34445	D445	□
I	34364	TAC	I	03	34374	D3G4	□
I	34369	TR	1		34379	D379	□
I	34374	HLT	J		0130		□
I	34379	RCV	U		32975	B975	□
I	34384	TZB	‡	02	34394	D3R4	□
I	34389	TR	1		34409	D409	□
I	34394	TZB	‡	03	34404	D464	□
I	34399	TR	1		34409	D409	□
I	34404	FZB	‡	04	34439	DU39	□
I	34409	TAA	I	01	34424	D4S4	□
I	34414	SEL	2		0500		□
I	34419	WR	R		34454	D454	□
I	34424	TAC	I	03	34434	D4G4	□
I	34429	TR	1		34439	D439	□
I	34434	HLT	J		0130		□
I	34439	TAB	I	02	34284	D2Q4	□
I	34444	TR	1		34469	D469	□

ROUTINE 130

TESTING TWO  
CHARACTER-  
LOAD

T-O SB 130-A

T-O SB 130-B

-----BX62

2 008 34452  
 2 001 34453  
 2 008 34461  
 2 001 34462

SB 130-A  
 □  
 SB 130-B  
 □

gscans/g001  
X61.....

34469	RCV	U	32979	B979	□
34474	BLM	\$	0002		□
34479	SPC	•	4313		□
34484	SET	B	0255		□
34489	SET	B	0003		□
34494	UFC	• 03	32978	B9G8	□
34499	SET	B	0258		□
34504	LFC	• 02	32978	B9P8	□
34509	LFC	• 03	32978	B9G8	□
34514	RCV	U	32976	B976	□
34519	TZB	• 02	34534	D5L4	□
34524	TZB	• 04	34534	DV34	□
34529	TZB	• 03	34564	D5F4	□
34534	TAA	I 01	34549	D5U9	□
34539	SEL	I 2	0500		□
34544	WR	R	34630	D630	□
34549	TAC	I 03	34559	D5E9	□
34554	TR	I	34564	D564	□
34559	HLT	J	0131		□
34564	RCV	U	32975	B975	□
34569	TZB	• 02	34579	D5P9	□
34574	TR	I	34594	D594	□
34579	TZB	• 03	34589	D5H9	□
34584	TR	I	34594	D594	□
34589	TZB	• 04	34624	DW24	□
34594	TAA	I 01	34609	D6 9	□
34599	SEL	I 2	0500		□
34604	WR	R	34639	D639	□
34609	TAC	I 03	34619	D6A9	□
34614	TR	I	34624	D624	□
34619	HLT	J	0131		□
34624	TAB	I 02	34469	D409	□
34629	TR	I	34654	D654	□

ROUTINE 131

TESTING THREE  
CHARACTER-  
LOAD

T-O SB 131-A

T-O SB 131-B

BY63

2	008	34637
2	001	34638
2	008	34646
2	001	34647

SB 131-A
□
SB 131-B
□

ns/g0014864  
BY62.....

I	34654	RCV	U	32979	B979	□	
I	34659	BLM	\$	0002		□	
I	34664	SPC	+	4435		□	
I	34669	SET	B	0255		□	
I	34674	SET	B	0004		□	
I	34679	UFC	+	03	32979	B9G9	□
I	34684	SET	B	0259		□	
I	34689	LFC	+	02	32979	B9P9	□
I	34694	UFC	+	03	32979	B9G9	□
I	34699	RCV	U	32976	B976	□	
I	34704	TZB	+	02	34719	D7J9	□
I	34709	TZB	+	04	34719	DX19	□
I	34714	TZB	+	03	34749	D7D9	□
I	34719	TAA	I	01	34734	D7T4	□
I	34724	SEL	R		0500		□
I	34729	WR	I		34815	D815	□
I	34734	TAC	I	03	34744	D7D4	□
I	34739	TR	I		34749	D749	□
I	34744	HLT	J		0132		□
I	34749	RCV	U	32975	B975	□	
I	34754	TZB	+	02	34764	D704	□
I	34759	TR	1		34779	D779	□
I	34764	TZB	+	03	34774	D7G4	□
I	34769	TR	1		34779	D779	□
I	34774	TZB	+	04	34809	DY09	□
I	34779	TAA	I	01	34794	D7Z4	□
I	34784	SEL	R		0500		□
I	34789	WR	I		34824	D824	□
I	34794	TAC	I	03	34804	D864	□
I	34799	TR	I		34809	D809	□
I	34804	HLT	J		0132		□
I	34809	TAB	I	02	34654	D6N4	□
I	34814	TR	I		34839	D839	□

ROUTINE 132

TESTING FOUR  
CHARACTER=  
LOAD

T-O SB 132-A

T-O SB 132-B

BZ64

2 008 34822  
 2 001 34823  
 2 008 34831  
 2 001 34832

SB 132-A  
 □  
 SB 132-B  
 □

3263 scans/g001

□	34839	RCV	U		32979	B979	□
I	34844	BLM	\$		0002		□
I	34849	SPC			4617		□
I	34854	SET	B		0255		□
I	34859	SET	B		0005		□
I	34864	UFC	‡	03	32980	B9H0	□
I	34869	SET	B		0260		□
I	34874	LFC		02	32980	B9Q0	□
I	34879	UFC		03	32980	B9H0	□
I	34884	RCV	U		32976	B976	□
I	34889	TZB	•	02	34904	D9-4	□
I	34894	TZB	•	04	34904	DZ04	□
I	34899	TZB	•	03	34934	D9C4	□
I	34904	TAA	I	01	34919	D979	□
I	34909	SEL	2		0500		□
I	34914	WR	R		35025	E025	□
I	34919	TAC	I	03	34929	D9B9	□
I	34924	TR	I		34934	D934	□
I	34929	HLT	J		0133		□
I	34934	RCV	U		32975	B975	□
I	34939	TZB	•	02	34949	D9M9	□
I	34944	TR	1		34964	D964	□
I	34949	TZB	•	03	34959	D9E9	□
I	34954	TR	1		34964	D964	□
I	34959	TZB	•	04	34994	DZ94	□
I	34964	TAA	I	01	34979	D9X9	□
I	34969	SEL	2		0500		□
I	34974	WR	R		35034	E034	□
I	34979	TAC	I	03	34989	D9H9	□
I	34984	TR	I		34994	D994	□
I	34989	HLT	J		0133		□
I	34994	TAB	I	02	34839	D8L9	□

-----

□	34999	TAA	I	01	35019	E079	□
□	35004	SEL	2		0500		□
□	35009	WR	R	01	35043	E043	□
□	35014	NOP	A		0004		□
□	35019	TAF	I	04	0004	0 04	□
□	35024	TR	1		18219	Y219	□

ROUTINE 133 TESTING FIVE CHARACTER-LOAD

T-0 SB 133-A

T-0 SB 133-B

LOOP-IN PROGRAM 8SB05

T-0 Z

2	008	35032	SB 133-A
2	001	35033	□
2	008	35041	SB 133-B
2	001	35042	□
2	001	35043	Z
2	001	35044	□