

|      |    |     |    |   |
|------|----|-----|----|---|
| 0130 | 01 |     |    |   |
| 31   | B9 | PHI | R9 |   |
| 32   | F8 | LDI |    | ;Then set R9.0 = 00 so not to           |
| 33   | 00 |     |    |   |
| 34   | A9 | PLO | R9 | ;Accidentally display half pages        |
| 35   | 30 | BN  |    | ;Branch to exit point displaying memory |
| 36   | 21 |     |    | ;And homing cursor @ 0121               |

#### PAGE BACKWARDS

|      |    |     |    |  |
|------|----|-----|----|--|
| 0137 | 99 | GHI | R9 |  |
| 38   | FB | XRI |    | ;Test if R9.1 points to first page of text |
| 39   | 04 |     |    |  |
| 3A   | 32 | BZ  |    | ;If so, branch to set R9.0 = 00 so to      |
| 3B   | 32 |     |    | ;Not page back past first page             |
| 3C   | 29 | DEC | R9 | ;Else decrement R9                         |
| 3D   | 89 | GLO | R9 |  |
| 3E   | 3A | BNZ |    | ;Until R9.0 = 00 (R9.1, then, is one       |
| 3F   | 3C |     |    | ;Less than before unless displaying        |
| 0140 | 30 | BN  |    | ;From mid page)                            |
| 41   | 21 |     |    | ;Then branch to exit point                 |

0142-43 Filler

#### INSERT LINE

|      |       |     |    |  |
|------|-------|-----|----|--|
| 0144 | E2    | SEX | 2  | ;X = 2   |
| 45   | D4    | SEP | R4 |  |
| 46   | 02    |     |    | ;Call Carriage Return                            |
| 47   | 98    |     |    |  |
| 48   | D4    | SEP | R4 |  |
| 49   | 02    |     |    | ;Call Cursor Up - cursor will now be at          |
| 4A   | 7F    |     |    | ;Extreme left and <u>cannot</u> be on last line  |
| 4B   | F8    | LDI |    |  |
| 4C   | 05/09 |     |    | ;3K=05/4K=09                                     |
| 4D   | BE    | PHI | RE |  |
| 4E   | BF    | PHI | RF | ;RE.1, RF.1 = Last memory page of text           |
| 4F   | F8    | LDI |    |  |
| 0150 | EF    |     |    |  |
| 51   | AE    | PLO | RE | ;RE = 05/09 -EF- Last character next to last row |
| 52   | F8    | LDI |    |  |
| 53   | FF    |     |    |  |
| 54   | AF    | PLO | RF | ;RF = 05/09 -FF- Last character last row         |
| 55   | 0E    | LDN | RE | ;Get data above                                  |
| 56   | 5F    | STR | RF | ;Put data below                                  |
| 57   | 9E    | GHI | RE |  |
| 58   | 52    | STR | R2 | ;Push RE.1                                       |
| 59   | 9A    | GHI | RA | ;Test if RE.1 = RA.1 (line pointer)              |
| 5A   | F3    | XOR |    |  |