The program is executed in the following manner:

A Field (columns 1-5), B Field (columns 21-25), and the Result Should Be Field (columns 41-45) are loaded into the print area for printing purposes. The B Field (alphanumerical) is then loaded into the Result Is print area. Digits in the A Field are then moved into the same print area, one at a time, by chaining five Move Digit Op instructions. The result is then compared with the Result Should Be Field. For unequal conditions the program branches to the Error Print Routine. The position of Sense Switch E then determines whether the machine stops to permit console checking or prints the result with an "ERROR" indication.

Checking Procedure

SENSE SWITCH E ON - Machine stops for errors.

1. Remove the last card in the stacker.
2. Visually check A Field, B Field, and Result Should Be Field with Locations 201-205, 221-225, and 241-245 respectively. Then check Locations 241-245 with Locations 261-265.
3. Check B ≠ A logic light. Should be OUT if Result Should Be and Result Is fields are the same; should be ON if not.

SENSE SWITCH E OFF - Machine prints error results. Examples of error print-out:

| A Field | B Field | Result Should Be | Result Is | |
|---|---|---|---|---|
| 12345 | 67890 | 12345 | 67890 | ERROR |
| &&&&& | ----- | ----- | &&&&& | ERROR |
| 5678 | AKT4 | EOX8 | 5678 | ERROR |
| 1234 | EOX8 | AKT4 | 1234 | ERROR |

SENSE SWITCH C ON - Machine prints correct results. Examples:

| | | | |
|---|---|---|---|
| 12345 | 67890 | 12345 | 12345 |
| &&&&& | ----- | ----- | ----- |
| 5678 | AKT4 | EOX8 | EOX8 |
| 1234 | EOX8 | AKT4 | AKT4 |