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. Zones in the A Field are then moved into the same print area, one position at a time, by chaining five Move Zone 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	67890	12345	ERROR
&&&&&	-----	&&&&&	-----	ERROR
AKT4	5678	EOX8	AKT4	ERROR
5678	AKT4	1234	5678	ERROR

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

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