The program is executed in the following manner:

After testing for a "1" in S52 to print or by-pass the title, the Instruction Performed in 454 (columns 1-8) and Result Should Be (columns 41-43) are transferred from the read area to the print area for printing purposes. The instruction is then loaded into the program in Locations 454-461 and executed. As a result of this instruction either B-STAR if no branch or I-STAR if branch is loaded into Locations 261-263 of the print area. The Result Is is then compared with the Result Should Be. For unequal conditions, the program branches to the error print routine and stops the machine with Sense Switch E ON or prints the results with the switch OFF.

Printing for correct results is obtained by setting Sense Switch C to the ON position.

Checking Procedure

SENSE SWITCH E ON - Machine stops for errors.

1. Remove the last card in the stacker.
2. Visually check columns 1-8 in the card with Locations 201-208 and 454-461; also check Locations 241-243 with Locations 261-263.
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:

Instruction Performed in 454	Result Should Be	Result Is	
B500 Branch	458		ERROR
N5009981 No Branch	998	462	ERROR
B500999A Branch	462	998	ERROR
V5009992 No Branch	998	462	ERROR

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

B500 Branch	458	458
N5009981 No Branch	998	998
B500999A Branch	462	462
V5009992 No Branch	998	998

Procedure for Running I-STAR Transfer Test from Tape

1. Manually enter "1" in S57.
2. Set Sense Switch "F" to the OFF position.
   NOTE: This will allow I-STAR Transfer Test to be executed with all other tests that may be chained.

Procedure for Running ONLY I-STAR Transfer Test from Tape

1. Manually enter Block No. 3130 in Locations S73-S76 and "1" in S57.
2. Set Sense Switch "F" to the ON position.
   NOTE: This will allow only the I-STAR Transfer Test to be executed, by-passing all the others.