NEW OPERATIONS CHECK LIST

**INITIALIZE**

1. Be sure that T-1, T-2, T-3, T-4, T-5, and T-6 are to the left.
2. Be sure that CF-1 is to the left and that CF-2 is to the right.
3. Set flip-flops D-1, D-2, D-3, in the Distributor to the right.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **DIGITRAN COMMANDS** | | | | | | | | | |
| **OPERATION** | **MQ**  **REGISTER**  **SETTING** | **MEMORY**  **REGISTER**  **SETTING** | **ACCUMULATOR**  **REGISTER**  **SETTING** | **SWITCH SETTINGS** | | | | | |
| **MULTIPLY** | **CLEAR** | **COUNT** | **COMPLE-**  **MENT** | **OVER-**  **FLOW** | **AM** |
| **COUNT** |  |  | **0000000** | **OFF** | **OFF** | **ON** | **OFF** | **RUN** | **AUTO** |
| **CLEAR** |  |  |  | **OFF** | **ON** | **OFF** | **OFF** | **RUN** | **MANUAL** |
| **ADD**  **A+B** | **001** | **B** | **A** | **ON** | **OFF** | **OFF** | **OFF** | **RUN** | **AUTO** |
| **MULTIPLY**  **A\*B** | **B** | **A** | **0000000** | **ON** | **OFF** | **OFF** | **OFF** | **RUN** | **AUTO** |
| **SUBTRACT**  **A-B** | **001** | **A** | **B** | **OFF**  **ON** | **OFF**  **OFF** | **OFF**  **OFF** | **ON**  **OFF** | **RUN**  **RUN** | **AUTO**  **AUTO** |
| **DIVIDE**  **A/B** | **111** | **B** | **A** | **OFF**  **ON** | **OFF**  **OFF** | **OFF**  **OFF** | **ON**  **OFF** | **RUN**  **HALT** | **AUTO**  **AUTO** |