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.

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| **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** |