

B. Rewrite

1. Have the boom positioned on the track specified by the user program.
2. Have the availability table for the quarter-track specified by the user program in Table 4.

C. Nonaddressed write

1. Have the boom positioned on the track being used for nonaddressed writes on the third specified by the user program.
2. Have a list of the addresses of the necessary number of free sectors in the quarter-track to be used; this list is generated by the I-O Processor from Table 1, 2, or 3.

D. Held write

1. Have the boom positioned on the track specified by the user program.
2. Have the availability table for the quarter-track specified by the user program in Table 4.
3. Have a list of the addresses of the necessary number of free sectors in the quarter-track specified by the user program; this list is generated by the I-O Processor from Table 4 and used for nonaddressed held writes.

The I-O Processor contains subroutines to perform the actions needed to fulfill each of the three possible preconditions, as well as routines which handle special cases, such as the assignment of a held quarter-track to a user. Note that one precondition—namely, having the correct availability table in Table 4—may require drum writing and reading operations to be performed; in any case, if the boom is moved, the current contents of Table