

2.13 Off Track Error Rate

- a. Using the plus-off-tracked disk on which random flux transistions are recorded off-track +35um from the reference position on all tracks, the drive shall meet the error rate specification.
- b. Using the minus-off-tracked disk on which random flux transistions recorded off-track -35um from the reference position on all tracks, the drive shall meet the error rate specification.

2.14 Temperature Inside Drive

The temperature rise above ambient at the disk surface inside of the drive shall not exceed 10 degrees C when the drive is used at 50% duty cycle Random Seek with random reads and writes. The drive shall be set in free air at an ambient temperature of 50 degrees C maximum.

2.15 Head Life

Head life shall be more than (20,000,000) passes. Measured as follows:

- a. Using a new disk, which is used as the reference disk for signal level, and a new drive, move the head to Track 35, then record 2F signal. Measure the output signal level (Lr).
- b. Insert another new disk into the drive. Move the head from Track 0 to Track 79 and back to Track 0 about 3,000,000 passes.
- c. Change the disk to another new disk.
- d. Repeat (b) and (c) until total number of passes is 20,000,000.
- e. Change the disk to the reference level disk used in (a). Move the head to Track 35, measure the output signal level (Lx).
- f. The ratio of Lx over Lr shall be > 80% as follows:

$$\frac{Lx}{Lr} \times 100\% > 80\%$$

 apple computer inc.

SIZE
A

DRAWING NUMBER
699-0285-A

SCALE:

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