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Macintosh Internal Hard Drives: Vibration Testing

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The shock limit for the Macintosh SE's internal hard disk drive is defined as 40G -- for an inactive drive.

Apple tests the drive (only) to these limits:

Macintosh SE

.25G, 3 to 300 Hz in the vertical direction (Z-Axis) only. Testing frequency is held for 15 minutes at drive resonance as determined by attached accelerometers.

Macintosh II

.25G, 3 to 300 Hz in all three directions (X-axis, Y-axis, Z-Axis).

Airplane frequencies are at the higher end of the tested frequency spectrum and could easily exceed those frequencies at higher amplitudes.
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