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Method and System for Implementing in Situ Low Flyheight Warning

Abstract

A Method and apparatus are provided for implementing in situ low flyheight warning in a direct access storage device (DASD). For each head in the DASD, a readback amplitude ratio is identified from two different disk radii. The initial ratio value is stored (202) for each head in the DASD. During operation of the DASD, readback amplitude is monitored (204) and an operating readback amplitude ratio is identified from two different disk radii. A change between the initial ratio value and the operating readback ratio is calculated and compared (206) with a threshold value to identify a low-flying slider. A warning is generated (208) responsive to the change value being greater than the threshold value.

Fig. 2.