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LaserWriter: Retention of the image on the printing drum

There is no image left on the drum between printings as indicated by signals to the hardware from the microcomputer on the DC controller board.

When the printer is ready to print, it is in standby mode. Upon receipt of a Print command from the interface board, the DC controller initiates an Initial Rotation (INTR) sequence powering up the corona assemblies and starting the main and scanner motors, the preconditioning exposure lamps, and the main motor, which rotates the drum. The printer then goes through all the motions necessary to print.

Then the DC controller initiates a Last Rotation (LSTR) sequence. This rotates the drum once after printing to prepare the drum for the next printing. If a Print command is received during LSTR, the printer cycles back into INTR. If a Print command is not received during LSTR, the drum continues rotating, delivering the paper and removing any residual charge from the drum.

<None>

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