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LaserWriter IINTX: LaserJet Compatibility and Bitmapped Fonts

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TOPIC -----

I have a Macintosh/DOS cluster running under TOPS with a LaserWriter IINTX as a common printer. The TOPS system is the latest versions. The LaserWriter IINTX is being set up as a LaserJet Plus as described in the manual.

The output from the DOS software is ragged and poorly defined. The resolution looks like it came from a dot-matrix printer (72 dpi).

If the software output is printed to a direct HP LaserJet, the quality of the output is just what I want (300 dpi).

My questions:

- 1) How fully does the LaserWriter IINTX emulate the LaserJet Plus? Is the compatibility only 80-85%, or will the LaserWriter IINTX fully become a LaserJet?
- 2) Is there a limit to the number of times the printer can be reset (resetting from a LaserWriter mode to a LaserJet mode)?

DISCUSSION -----

- 1) Adobe Systems has performed tests comparing LaserWriter IINTX and LaserJet Plus. Their finding is that a LaserWriter IINTX in LaserJet Plus emulation mode is generally faster than a LaserJet Plus, and is more than 95% compatible. The newer ROMs in the LaserWriter IINTX will increase compatibility even more.

The LaserWriter IINTX in LaserJet emulation does not fully support

LaserJet bitmapped fonts, but does support PostScript fonts. This may explain your problems with the "jagged" output, if you're using LaserJet bitmapped fonts.

- 2) The minimum number of "switches" is 100,000, if all performed via software. We don't have the number for the DIP switches, as there are too many variables to take into account.

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