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## LW Pro 810: How to Minimize Skewing (8/94)

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TOPIC -----

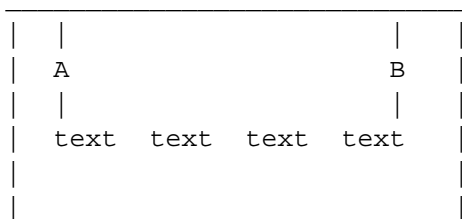
How can I correct paper skewing problems when feeding paper from the LaserWriter Pro 810 manual feed tray? The image appears rotated slightly on the page when it emerges from the printer.

DISCUSSION -----

Because the LaserWriter Pro 810 paper feed system is an electromechanical mechanism, a certain amount of print skew can occur on printouts. The manual feed tray is especially susceptible to skewing because the positioning of the paper is determined by the user rather than a cassette tray. By taking a few simple precautions the user can minimize print skew.

Print skew is defined as the difference between the distance from the leading edge of the page to the top of the beginning of a line of text (distance "A" in diagram) and the distance from the leading edge of the paper to the top of the end of a line of text (distance "B" in diagram). If the paper enters the paper path 'skewed' then the image on the paper will appear rotated slightly on the paper when it emerges from the printer.

Paper



User's can take a few precautions to minimize skew depending on the paper source. The information below should help minimize the problems experienced by customers.

Paper cassettes  
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Print skew is at a minimum when printing from the paper cassettes. The only precautions to take are to make sure that the paper guides are closed snug against both sides of the paper stacked in the tray. If the guides are not closed snugly when the tray is refilled, paper will slip as it is fed into the printer.

#### Manual feed

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The manual feed slot is very sensitive about how straight a sheet of paper is positioned at the rollers inside of the feed slot. Print skew is most visible if the paper guides are not placed against the sides of the paper, thereby allowing the paper to skew when it is picked up.

Another suggestion for improving the skewing of paper when printing from the manual feed slot is to put tension on the paper before it is picked by the feed rollers. This is done by placing the sheet of paper squarely into the manual feed slot until it contacts the registration rollers. Once the paper makes contact with the rollers continue pushing forward while holding the sheet at both corners of the page so that a small upward buckle (~1/4") appears at the entrance of the slot.

User's who will be using the manual feed slot frequently and require good registration should purchase the Automated Media Feeder which attaches to the manual feed slot and provides a more stable paper pickup tray for up to 100 sheets of paper.

#### Optional Multi-Media Power Feeder

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The optional Automated Media Feeder (Part No. M1763G/A) is an excellent way to conveniently feed multiple envelopes, card stock and transparencies. The feeder attaches to the printer over the manual feed slot. The only precautions needed to minimize skew from the Automated Media Feeder is to make sure that the adjustable paper guides are closed snugly against the paper stack when refilling the feeder tray.

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15 August 1994 - Changed title to reflect actual contents of article.

#### Support Information Services

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