SPERRY UNIVAC
COMPUTER SYSTEMS

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General

SPERRY UNIVAC 0798 Printer Subsystem

Operator's Guide

This library memo announces the release and availability of "SPERRY UNIVAC® 0798 Printer Subsystem Operator's Guide," UP-8882 Update A. It is a Standard Library Item (SLI).

The 0798 printer subsystem is a peripheral device for use with a terminal or controller that is part of a computer system. It prints serially character-by-character at rates up to 300 characters per second. The 0798 printer prints bidirectionally, forward or reverse, whichever is determined by its electronic intelligence as more efficient.

The desk-top unit prints a maximum of 132 colums per line of standard density characters (10 characters per inch). An expanded density capability, which provides double-width characters, can be selected on command from the host controller. An optional, switch-selectable compressed density feature, which provides 14 characters per inch, is also available. Paper forms are loaded from the bottom or the rear of the printer.

This update corrects an error in Table 2–1.

This book is included in the standard library for the SPERRY UNIVAC System 80, UTS 20, UTS 40 and UTS 4020. Additional copies of UP-8882 and/or this update may be ordered by your local Sperry Univac representative.

LIBRARY MEMO ONLY	LIBRARY MEMO AND ATTACHMENTS	THIS SHEET IS:
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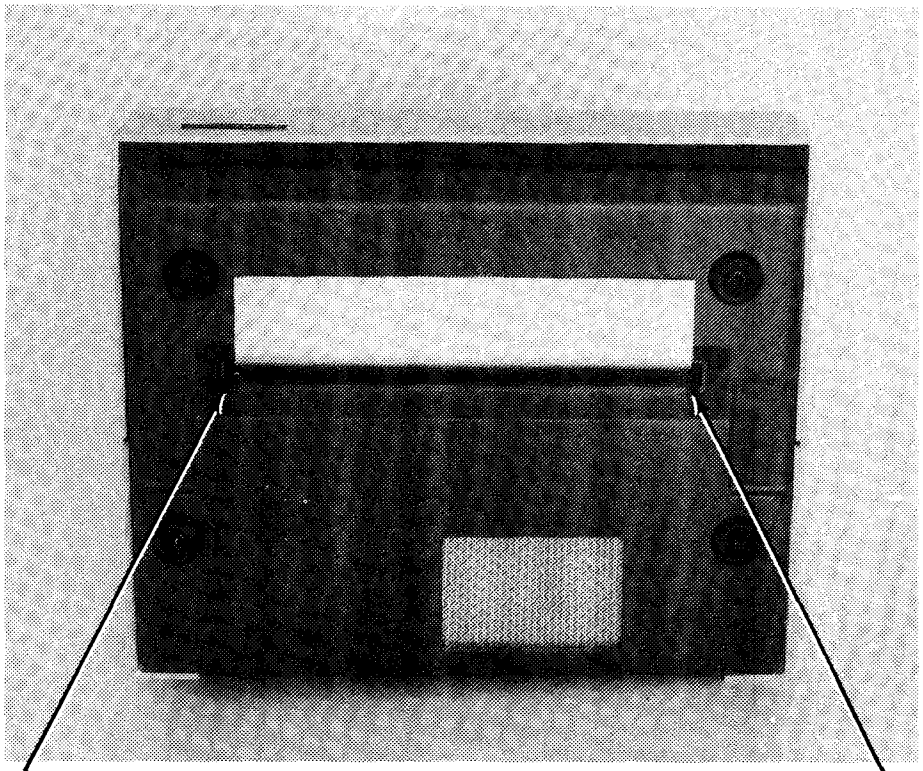

Figure 2-1. Print Control Devices (Part 2 of 2)

Vertical Forms Control (VFC) Switch

By using the 16-position vertical forms control switch, you can set the printer to handle any of 7 standard form lengths, with or without a 6-line skip-perforation function. This switch also provides for operation of the printer without forms control. The switch settings and standard form lengths provided are shown in Table 2-1.

Paper-End Detectors

To indicate when paper needs to be replenished, the printer is equipped with two sets of paper-end detectors. The top paper-end detectors accommodate rear loading of paper forms, and the bottom paper-end detectors accommodate bottom loading. When the set being used signals that the paper supply is low, the OUT OF FORMS indicator lights, an audible alarm sounds for approximately 3 seconds and an out-of-paper signal is sent to the host controller. In most systems, the host controller is programmed to stop sending data to the printer, causing the printer to stop. If desired, the OUT OF FORMS switch can then be pressed and held. The printer will continue to receive and print data until the last desired line is printed. When the switch is released, printing will stop. However, some host controllers, (e.g., BC7/UDS 2000/System 80) do not immediately stop the printer when the out-of-paper signal is generated but allow printing to continue until the last line on the form is printed.

Table 2–1. Vertical Forms Control (VFC) Switch Settings

Switch Position	Centimeters	Inches	Remarks
Black 0	---	---	No forms control
Black M	---	---	Not used
Black 1	8.9	3.5	
Black 2	10.2	4.0	A perforation skip
Black 3	14.0	5.5	between forms is
Black 4	21.6	8.5	not provided in the
Black 5	25.4	10.0	red switch positions
Black 6	27.9	11.0	
Black 7	30.5	12.0	
Red 1	8.9	3.5	Switch positions 1
Red 2	10.2	4.0	through 7 provide
Red 3	14.0	5.5	a 6-line skip between
Red 4	21.6	8.5	forms
Red 5	25.4	10.0	
Red 6	27.9	11.0	
Red 7	30.5	12.0	

Tractor-Release Lever

In the up position, this lever releases the paper-feed tractor at each end of the printer. Both of these tractors can then be moved horizontally along a metal guide-bar to accommodate the width of paper being used. When the tractor-release lever is in the down position, the paper-feed tractors are locked in place.

I-0 SWITCH

The I–0 switch applies primary power to the printer. When the I–0 switch is in the I position, the printer is on; when the switch is in the 0 position, power is off. This toggle switch is located on the top of the printer near the right rear corner (Figure 2–2).

CONTROL PANEL

Three pushbutton operating switches and three indicators are located on a control panel on the upper right front corner of the printer. Figure 2–3 illustrates the switches and indicators on the control panel, and Table 2–2 explains their use.

SELF-TEST SWITCH

The self-test switch (Figure 2–4) is a two-position slide switch on top of the printer under the top cover, near the vertical forms control switch. It is used for the printer self-test, in which the printer prints a test pattern to check out its electronic and mechanical functions.