

"DATASPEED*" AP25 PRINTER

GENERAL DESCRIPTION

1. GENERAL

1.01 This section provides a general description of the DATASPEED AP25 Printer.

1.02 Whenever this section is reissued, the reason for reissue will be listed in this paragraph.

1.03 When ordering replaceable components, unless otherwise specified, prefix each part number with the letters "TP" (ie, TP410405).

2. DESCRIPTION

2.01 The DATASPEED AP25 printer is a 132-column, matrix impact tractor feed printer that provides hard copy of messages received on-line via an SSI cable, under the direction of a Data Communications Processor (DCP) and optionally, messages originated locally under attendant control. See Fig. 1.

2.02 The printer prints, at a rate of 30 characters per second, the ASCII (American National Standard Code for Information Interchange) or EBCDIC (Extended Binary Coded Decimal Interchange Code) character set.

2.03 Continuous forms type paper can be up to 6 part and from 3 to 15 inches wide and 3 to 14 inches long. Total form thickness cannot exceed 0.018 inches and the paper should not be heavier than 11 pound with 8 pound carbon interleaved. Single part forms should not exceed 15 pound paper. The following recommendations should be observed when selecting forms.

- (a) Continuous form card stock is not recommended.

(b) Stapled forms are not allowed.

(c) Partial forms separation is not allowed.

(d) Crimped multipart forms are not recommended because they tend to separate when wrapped around the platen.

(e) Forms should be tried to determine if legibility, feeding and print registration is acceptable before ordering large quantities.

2.04 Forms may be accumulated on an optional 454172 forms accumulator shelf. See Fig. 1.

2.05 The 45P106/AAA printer, printer cabinet and optional 454172 forms accumulator shelf are USO coded and can be assembled in the field. Use Section 582-310-200 for assembly of the printer and printer cabinet, and Specification 51057S for assembly of the optional forms accumulator.

2.06 The DATASPEED AP25 is equipped with mechanical top of form and can be equipped with various individual form length tapes. See paragraph 4.

2.07 Inking is provided by a readily replaceable cartridge with ribbon available from Teletype Corporation. The Teletype Corporation part number for a package of six ribbons is 430488.

2.08 The printer operates on 115 Vac ± 10 percent at 50 or 60 hertz. Power to the printer is approximately 80 watts and is controlled by an on-off rocker switch located on top at the right rear of the cover.

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3. CONTROLS AND INDICATORS

3.01 The controls and indicators are described in Fig. 1.

Depressing key momentarily causes local form feed operation. Second depression causes second local form feed. If no form feed tape loop is in the form feed reader, paper will advance as long as the FORM key is held depressed. Various form lengths are available. See paragraph 4.

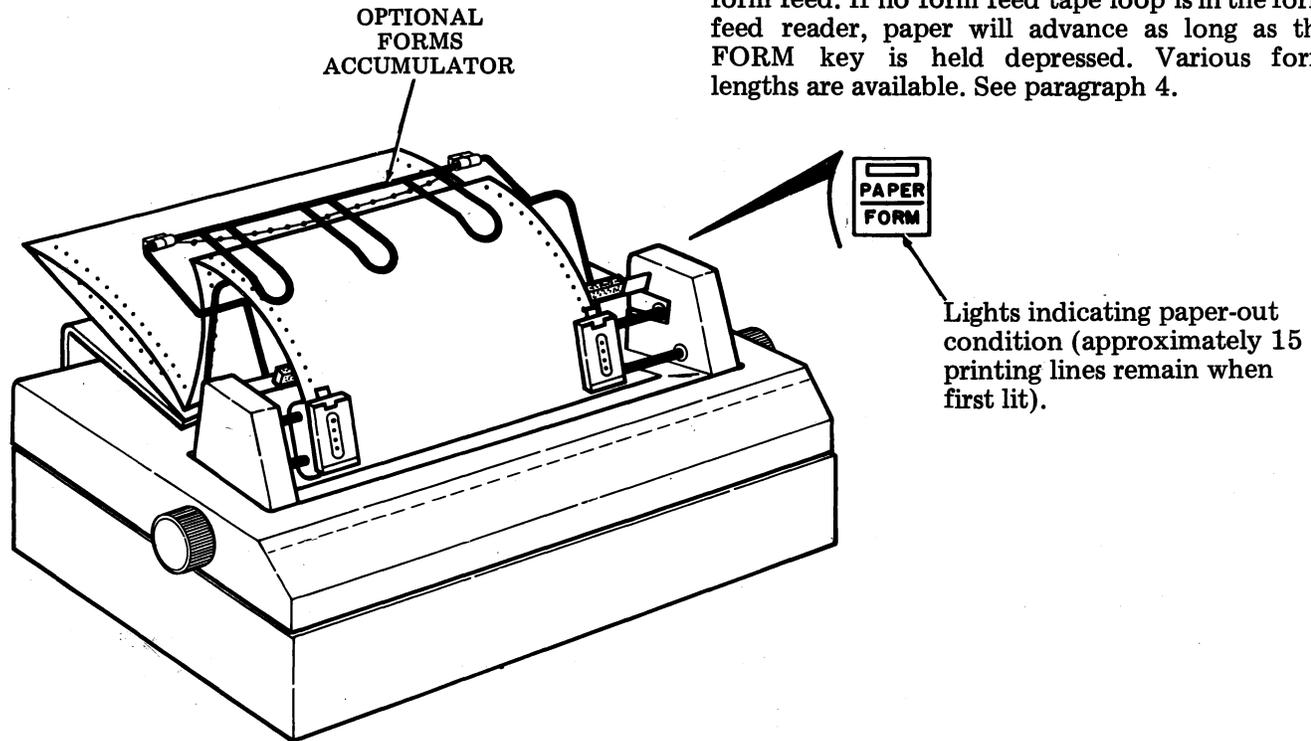


Fig. 1—Controls and Indicators

4. INDIVIDUAL FORM LENGTH TAPES

4.01 The following individual form length tapes are also available.

<u>Length</u>	<u>Teletype Corp. Part No.</u>	<u>Length</u>	<u>Teletype Corp. Part No.</u>	<u>Length</u>	<u>Teletype Corp. Part No.</u>
2-1/3	453049	5	453057	9	453065
3	453050	5-1/2	453058	10	453066
3-1/3	453051	6	453059	11	453067
3-1/2	453052	6-1/2	453060	12	453068
3-2/3	453053	7	453061	13	453069
4	453054	7-1/2	453062	14	453070
4-1/3	453055	8	453063		
4-2/3	453056	8-1/2	453064		

5. REFERENCES

5.01 How to Operate Manual 999-300-144 provides information on the operation of the auxiliary character printer.

5.02 The following sections provide all the necessary information for trained crafts personnel to install, maintain and if necessary, service the DATASPEED AP25 printer using recommended lists of maintenance spares:

Section 582-310-200	Installation and Removal
Section 582-310-300	Troubleshooting
Section 582-310-400	Wiring
Section 582-310-500	Testing
Section 582-310-700	Adjustments, Spring Tensions and Lubrication
Section 582-310-710	Disassembly/Reassembly
Section 582-310-800	Parts

5.03 Section 582-300 series provides information for the DATASPEED 4540 Station Arrangements.