

**ANALYSIS CHART
FOR 8 LEVEL PRINTER
(M29, M35 TYPE)**

LP/AC

REVISIONS		
ISSUE	DATE	AUTH. NO.
2	3-11-64	80390
3	6-25-64	82842

I. FEATURES

A. General Unit Characteristics

- M29 Type - 11.0 Unit I.B.M.705 Code, 20 Pt. Connector, 30 ma. Selector Magnets, Code Bar arrangement (S,6,2,7,3,1,C,8 & 4). #5 Code Bar omitted. Not required for printer operation.
- M35 Type - 11.0 Unit ASA Code, 50 Pt. Connector, 500 ma. Selector Magnets, Code Bar Arrangement (S,2,5,1,4,3,C,7 & 6). #8 Code Bar omitted. Not required for printer operation. Mechanical print suppression, code bar controlled.

NOTE: Pulse sequence is 1,2,3,4,5, 6,7,8. Early Models were 0 through 7.

B. Paper Handling

1. Friction Feed
2. Sprocket Feed
3. 8-1/2" Wide Platen
4. 9" Wide Platen
5. Form Location Switch
6. Form-Out Length 5-1/2", 11"
7. Rapid Form-Out Magnet and Indexing Contacts
8. Low Paper Alarm - Note D.
9. Paper Out Alarm - Note E.
10. Paper Jam Alarm
11. Rear Paper Guide
12. 6 Stop Clutch on Line Feed
13. Form-Out Length 6"
14. FORM-OUT LENGTH 6 1/2"

C. Tabulator and Control

1. Vertical Tab
2. TD Control Contacts for Vertical Tab, Break-Type
3. TD Control Contacts for Vertical Tab, Transfer-Type
4. Horizontal Tab
5. TD Control Contacts for Horizontal Tab, Break-Type
6. TD Control Contacts for Horizontal Tab, Transfer-Type

APPROVALS	
DRAWN BY	CHKD BY
<i>MPK</i>	<i>[Signature]</i>

Sheet 1 of 5

ANALYSIS CHART FOR 8 LEVEL LP (M29, M35 TYPE)	
DATE: 2-26-63	RD. FILE NO. 2-A65A47
DRAWN	CHKD. <i>[Signature]</i>
ENGD. PGH	APPD. <i>[Signature]</i>
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D. Code Bar Assembly

1. Function Suppression - Code Bar Shift Solenoid Controlled
2. Print Suppression - Type Box Clutch Solenoid Controlled
3. On Line Shift Control
4. PRINT AND/OR FUNCTION SUPPRESSION MECH. SOLENOID CONTROLLED - NOTE K

E. Other Variable Features

1. Local Backspace
2. Local Reverse Line Feed
3. Paper in Motion Alarm
4. Wall-Mounted (requires special side frames, and main shaft assembly)
5. Keyboard Lock
6. Universal Contacts -(FUNCTION BOX MTD)-NOTE H
7. UNIVERSAL CONTACTS (SELECTOR MTD.)
8. TWO COLOR PRINTING

APPROVALS	
DESIGNED BY <i>HAK</i>	DATE OF ISSUE <i>✓</i>
DRAWN BY	
CHECKED BY	

Sheet 2 of 5

ANALYSIS CHART FOR
8 LEVEL LP
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DATE: 2-26-63	
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II. NOTES

A. Refer to E.S.I. 4,002-35 for conversion of Teletype codes to Bell codes.

Refer to E.S.I. 4,007 for cross reference of maintenance kits and modification kits and associated 5000S and 6000S Series Specifications.

B. Solenoids for code bar function suppression and typebox clutch print suppression (M29 Type) are not compatible with feed-out contacts and vertical tab TD Control Contacts used on M35 LP's.

C. Rapid form feed-out magnet is incompatible with local reverse line feed.

D. LOW PAPER ACTUATES TRANS TYPE CONTACTS

E. PAPER OUT ACTUATES TRANS TYPE CONTACT

F. Due to the specialized nature of the 8 Level printers caution should be used in selecting the typebox, stunt box and wiring.

G. Since the M35 Units are replacing the M29 Units, future 8 Level Units should be M35 Type. LP800 is the basic M29 Unit.

H. Universal Contacts are normally called for on the function box BM. Because of a physical interference, they cannot be installed on printers having the 6 Stop LF Clutch unless Stripper Bail Arm 198218 is used on the function box.

J. THIS UNIT HAS 30MA SELECTOR MAGNETS

K. THIS IS AN AC/DC SOLENOID (M35)

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DRAWN. *CS* CHKD. *CS*
ENGR. PGH. APPD. *CS*

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III. INDIVIDUAL UNIT FEATURES

REVISIONS		
ISSUE	DATE	AUTH. NO.
4	12-2-64	84859

LP ORIG. CCDE	ORIG. CUST.	WD'S	6000S OR 60,000S	PHOTOGRAPH NO.	FEATURES & NOTES ()
800	WECO	3796	6933		(M29)-B2,3,11, (G)
801	WECO	3796	6933		(M29)-B2,3,6,11, C1,2,4,5,-D1,2, E1,2
802	BELL	4174	6933		(M29)-B2,3,6,11- C1,4,-D3
803	BELL CANCELLED - EARLY WADS FIELD DATA CODE TRIAL				
804	BELL CANCELLED - EARLY WADS FIELD DATA CODE TRIAL				
805	BELL	4787	6933	621003-54	(M35)-B2,3,6,7,8, 9,11,12-C1,3,4,6, (C)
	(WADS Service)		60680		
806	BELL	4786	6933	620621-42	(M35)-B1,3,9
	(WADS Service)				
807	CANCELLED				
808	CANCELLED				
809	BELL	4787	6933		(M35)-B2,3,6,7,8, 9,10,11,12-C1,3, 4,6 (C)
810	BASIC	4786	6933		(M35)-B1,3
	ASA FRICTION UNIT				
811	BASIC	4787	6933		(M35)-B2,3, 12 (C)
	ASA SPROCKET UNIT				
812	BELL	6006	6933		(M35)-B1,3
813	BELL	6043	6933		(M35)-B1,3-E5
814	CANCELLED USE LP817				
815	CANCELLED				
816	BELL	6396	6933		(M35)-B2,4,7,9,11, 12,13-C1,2,4,6,-E1, 5
	OF CAN.		60716		

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ANALYSIS CHART FOR	
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P.D. FILE NO. 2-A65A47	
DRAWN.	CHKD. <i>S/AG</i>
ENG. JDB	APPD. <i>JDB</i>
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III. INDIVIDUAL UNIT FEATURES (CONT.)

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LP ORIG. CODE	ORIG. CUST.	WD'S	6000S OR 60,000S	PHOTOGRAPH NO.	FEATURES & NOTES ()
817	BELL OF CAN.	6397	6933	60744	(M35)-B2,3,6,11,12, (C) C1,3,4,6, E1,5
818	A.T.&T.	6474	6933		(M35)-B2,3,6,9,12, C1,3,4,6,-D4-E5,7 (C)
819	A.T.&T.	6474	6933		(M35)-B1,3-D4,-E5,7
820	U.S. GOVT.	6506	6933		(M35)-B1,3(J)
821	NOT RELEASED				
822	UNIVAC	7229	6933		(M35)-B2,4,6,9,11,12-C1,4
823	NORTH ELEC.	6396	6933		(M35)-B2,4,7,9,11,12,14-C1,3,4,6-E1,5 (C)
824	CANCELLED				
825	BELL	7248	6933		(M35)-B1,3,9-C4
826	UNIVAC	4786	6933	60365	(M35)-B1,3,9-E8

SHEET 5 OF 5

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ENGD. JDB	APPD. <i>JDB</i>

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