

COMPUGRAPHIC CORPORATION

EN0272

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JUSTAPE TEST PROCEDURES

FOR CUSTOMER INSTALLATION

REFERENCE: TEST PLUG #3 11795

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TEST 1

PIC COUNTER TEST

THIS TEST WILL DETERMINE IF THE PIC COUNTER AND THE PIC REGISTER ARE FUNCTIONING PROPERLY AND IF THE TAPE IS GOING FORWARD & BACKWARD OVER THE SAME NUMBER OF CODES.

THE ROTARY SWITCHES ON THE CONTROL PANEL HAVE NO SIGNIFICANCE IN THIS TEST. TO INITIATE THE TEST SIMPLY DEPRESS THE PRIME BUTTON.

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TEST 2A

JUSTIFICATION TEST - SPACE BAND EXPANSION ONLY

THIS TEST WILL CAUSE EACH LINE TO JUSTIFY TO THE EXACT LINE LENGTH WITH SPACE BAND EXPANSION ONLY.

SET JRS ON SB ONLY

LINE LENGTH = 2044 ✓

WITH AUTO QUADDERS ↙

CLAMP TERMINAL M22D AT GROUND

- 50S S 20S QL CR
- 47S S S 20S QL CR
- 44S S S S 20S QL CR
- 41S S S S S 20S QL CR
- 38S S S S S S 20S QL CR
- 35S S S S S S S 20S QL CR
- 32S S S S S S S S 20S QL CR
- 29S S S S S S S S S 20S QL CR
- 26S S S S S S S S S S 20S QL CR
- 23S S S S S S S S S S S 20S QL CR
- 20S S S S S S S S S S S S 20S QL CR
- 17S S S S S S S S S S S S S 20S QL CR
- 14S S S S S S S S S S S S S S 20S QL CR
- 11S S S S S S S S S S S S S S S 20S QL CR
- 8S S S S S S S S S S S S S S S S 20S QL CR

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TEST 2B

JUSTIFICATION TEST - SPACE BAND PLUS THIN

THIS TEST WILL CAUSE EACH LINE TO JUSTIFY TO THE EXACT LINE LENGTH WITH SPACE BAND EXPANSION PLUS A THIN SPACE.

SET JRS ON SB + THIN

LINE LENGTH = 2044

WITH AUTO QUADDERS

CLAMP TERMINAL M22D AT GROUND

- 50S L 20S QL CR
- 47S L L 20S QL CR
- 44S L L L 20S QL CR
- 41S L L L L 20S QL CR
- 38S L L L L L 20S QL CR
- 35S L L L L L L 20S QL CR
- 32S L L L L L L L 20S QL CR
- 29S L L L L L L L L 20S QL CR
- 26S L L L L L L L L L 20S QL CR
- 23S L L L L L L L L L L 20S QL CR
- 20S L L L L L L L L L L L 20S QL CR
- 17S L L L L L L L L L L L L 30S QL CR
- 14S L L L L L L L L L L L L L 30S QL CR
- 11S L L L L L L L L L L L L L L 30S QL CR
- 8S L L L L L L L L L L L L L L L 30S QL CR

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TEST 2C

JUSTIFICATION TEST - SPACE BAND PLUS EN

THIS TEST WILL CAUSE EACH LINE TO JUSTIFY TO THE EXACT LINE LENGTH WITH SPACE BAND EXPANSION PLUS AN EN SPACE.

SET JRS ON SB + EN

LINE LENGTH = 2400

WITH AUTO QUADDERS

CLAMP TERMINAL M22D AT GROUND

60S S 20S QL CR

56S S S 20S QL CR

52S S S S 20S QL CR

48S S S S S 20S QL CR

44S S S S S S 20S QL CR

40S S S S S S S 20S QL CR

36S S S S S S S S 20S QL CR

32S S S S S S S S S 20S QL CR

28S S S S S S S S S S 20S QL CR

24S S S S S S S S S S S 30S QL CR

20S S S S S S S S S S S S 30S QL CR

16S S S S S S S S S S S S S 30S QL CR

12S S S S S S S S S S S S S S 30S QL CR

8S S S S S S S S S S S S S S S 40S QL CR

4S S S S S S S S S S S S S S S S 40S QL CR

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TEST 2D

JUSTIFICATION TEST - SPACE BAND PLUS EM

THIS TEST WILL CAUSE EACH LINE TO JUSTIFY TO THE EXACT LINE LENGTH WITH SPACE BAND EXPANSION PLUS AN EM SPACE.

SET JRS ON SB + EM

LINE LENGTH = 3244

WITH AUTO QUADDERS

CLAMP TERMINAL M22D AT GROUND

80S S 20S QL CR

75S S S 20S QL CR

70S S S S 20S QL CR

65S S S S S 20S QL CR

60S S S S S S 20S QL CR

55S S S S S S S 30S QL CR

50S S S S S S S S 30S QL CR

45S S S S S S S S S 30S QL CR

40S S S S S S S S S S 40S QL CR

35S S S S S S S S S S S 40S QL CR

30S S S S S S S S S S S S 40S QL CR

25S S S S S S S S S S S S S 50S QL CR

20S S S S S S S S S S S S S S 60S QL CR

15S S S S S S S S S S S S S S S 25M QL CR

10S S S S S S S S S S S S S S S S 25M QL CR

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TEST 2E

JUSTIFICATION TEST - SPACE BAND PLUS EM PLUS SPACE BAND

THIS TEST WILL CAUSE EACH LINE TO JUSTIFY TO THE EXACT LINE LENGTH WITH SPACE BAND EXPANSION PLUS AN EM SPACE PLUS TEN COUNTS OF THE SECOND SPACE BAND EXPANSION.

SET JRS ON SB+EM+SB

LL = 3256

WITH AUTO QUADDERS

CLAMP TERMINAL M22D AT GROUND

30S S 20M QL CR

75S S L 20M QL CR

70S S L L 20M QL CR

65S S L L L 20M QL CR

60S S L L L L 20M QL CR

55S S L L L L L 20M QL CR

50S S L L L L L L 20M QL CR

45S S L L L L L L L 20M QL CR

40S S L L L L L L L L 20M QL CR

35S S L L L L L L L L L 20M QL CR

30S S L L L L L L L L L L 30M QL CR

25S S L L L L L L L L L L L 30M QL CR

20S S L L L L L L L L L L L L 30M QL CR

15S S L L L L L L L L L L L L L 40M QL CR

10S S L L L L L L L L L L L L L L 40M QL CR

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TEST 2F

JUSTIFICATION TEST - SINGLE WORD LETTERSPACE

THIS TEST WILL CAUSE EACH LINE TO JUSTIFY TO THE EXACT LINE LENGTH WITH SPACE BAND EXPANSION PLUS A THIN SPACE WHEN THE FOUR LETTER WORD IN EACH LINE IS LETTERSPACED.

SET JRS ON SB ONLY

LINE LENGTH = 3256

WITH AUTO QUADDERS

55L 3L 3L 3L 3L 3L 3L 3L 3L 3L 3L 3L 3L 3L 4L 55L
 3L 3L 3L 3L 3L 3L 3L 3L 3L 3L 3L 3L 3L 4L 3L 55L
 3L 3L 3L 3L 3L 3L 3L 3L 3L 3L 3L 3L 4L 3L 3L 55L
 3L 3L 3L 3L 3L 3L 3L 3L 3L 3L 4L 3L 3L 3L 55L
 3L 3L 3L 3L 3L 3L 3L 3L 4L 3L 3L 3L 3L 55L
 3L 3L 3L 3L 3L 3L 3L 4L 3L 3L 3L 3L 3L 55L
 3L 3L 3L 3L 3L 4L 3L 3L 3L 3L 3L 3L 3L 55L
 3L 3L 3L 4L 3L 3L 3L 3L 3L 3L 3L 3L 3L 55L
 3L 4L 3L 3L 3L 3L 3L 3L 3L 3L 3L 3L 3L 55L
 4L 3L 3L 3L 3L 3L 3L 3L 3L 3L 3L 3L 3L 55L QLCR
 4L 3L 3L 3L 3L 3L 3L 3L 3L 3L 3L 3L 3L 55L 55L QLCR

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TEST 3

VERTICAL RULE (SM)

THIS TEST WILL CAUSE FLUSH LEFT-FLUSH RIGHT LINES TO BE GENERATED WITH THE INTERMEDIATE SPACE FILLED WITH SPACE BANDS AND QUADS.

SET LINE LENGTH TO 1224

SINGLE

S	VR	S	CR	S9M	VR	S	CR
M	VR	S	CR	10M	VR	S	CR
SM	VR	S	CR	S	VR	10M	CR
MM	VR	S	CR	S	VR	9M-S	CR
SMM	VR	S	CR	S	VR	9M	CR
MMM	VR	S	CR	S	VR	8M-S	CR
SMMM	VR	S	CR	S	VR	8M	CR
4M	VR	S	CR	S	VR	7M-S	CR
S4M	VR	S	CR	S	VR	7M	CR
5M	VR	S	CR	S	VR	6M-S	CR
S5M	VR	S	CR	S	VR	6M	CR
6M	VR	S	CR	S	VR	5M-S	CR
S6M	VR	S	CR	S	VR	4M	CR
7M	VR	S	CR	S	VR	3M-S	CR
S7M	VR	S	CR	S	VR	3M	CR
8M	VR	S	CR	S	VR	2M-S	CR
S8M	VR	S	CR	S	VR	2M	CR
9M	VR	S	CR	S	VR	M-S	CR
				S	VR	M	CR

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TEST 3 CONT.DOUBLE

S	VR	S	VR	S	CR
2S	VR	S	VR	S	CR
3S	VR	S	VR	S	CR
4S	VR	S	VR	S	CR
5S	VR	S	VR	S	CR
S	VR	2S	VR	S	CR
S	VR	3S	VR	S	CR
S	VR	4S	VR	S	CR
S	VR	5S	VR	S	CR
S	VR	S	VR	2S	CR
S	VR	S	VR	3S	CR
S	VR	S	VR	4S	CR
S	VR	S	VR	5S	CR

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TEST 4

QUADDING TEST

THIS TEST WILL CAUSE THE APPROPRIATE QUAD CODE TO BE PUNCHED IF AUTO-QUADDERS ARE USED OR JUSTIFICATION BY MEANS OF QUADS & SPACE BANDS IF AUTO-QUADDERS ARE NOT USED.

LINE LENGTH = 1224

S	QL	QC	QR	
M	QL	QC	QR	
SM	QL	QC	QR	
MM	QL		QR	
SMM	QL	QC	QR	
MMM	QL	QC	QR	
SMMM	QL	QC	QR	
4M	QL	QC	QR	
S4M	QL	QC	QR	
5M	QL	QC	QR	
S5M	QL	QC	QR	
6M	QL	QC	QR	
S6M	QL	QC	QR	
7M	QL	QC	QR	
S7M	QL	QC	QR	
8M	QL	QC	QR	
S8M	QL	QC	QR	
9M	QL	QC	QR	
S9M	QL	QL	QR	QC
11M	QL	QL	QC	QR
S11M	QL	QL	QC	QR

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TEST 5

INDENTS

THIS TEST WILL PROVIDE ANY COMBINATION OF INDENTS AS SELECTED BY THE INDENT SWITCHES ON THE CONTROL PANEL.

SET JRS ON SB + EM

SET LINE LENGTH TO 1224

THIN MMM MMM MMM MMM MMM MMM MMM

MMM MMM MMM MMM MMM MMM MMM QL CR

TAPE CONTROL (A)

ON (B)

BOTH TH

BOTH TH

BOTH EN

BOTH EN

BOTH EM

BOTH EM

BOTH EM-EN

BOTH EM-EN

BOTH EM-EM

BOTH EM-EM

LEFT TH

LEFT TH

LEFT EN

LEFT EN

LEFT EM

LEFT EM

LEFT EN-EM

LEFT EM-EN

LEFT EM-EM

LEFT EM-EM

2ND TH

2ND TH

2ND EN

2ND EN

2ND EM

2ND EM

2ND EM-EN

2ND EM-EN

2ND EM-EM

2ND EM-EM

HANG TH

HANG TH

HANG EN

HANG EN

HANG EM

HANG EM

HANG EM-EN

HANG EN-EN

HANG EM-EM

HANG EM-EM

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TEST 6

JUSTAPE ABBREVIATED TEXT

TEST TAPE (OUTPUT)

1. SET LINE LENGTH TO 1224
2. SET MAX. INTERWORD SWITCH TO SB + EM + SB
3. TURN WORD CARRY OVER SWITCH ON
4. WITHOUT AUTO QUADDERS
5. TURN KBS OFF
6. USE TEST PLUG #3 (11795)