



InfoPrint 3000 Print Quality Samples



InfoPrint 3000

Print Quality Samples

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Introduction

The print samples contained in this document are examples of print quality problems that may occur on this printer. The defect samples on the following pages are smaller than actual size. Because of the process used to reproduce the print defects, some areas of the samples may appear darker than normal. Use the samples to help determine the type of print quality problem. Look for similar - not exactly matching defects. The samples direct you to the correct MAP.

The samples are oriented so that the leading edge of the print is to the left, and the start-of-scan edge is at the bottom of the page.

Group A

Fuser Failures

- A1 - Fuser Offset / Residual Image
- A2 - Poorly Fused (description only)
- A3 - Oil on Prints (description only)
- A4 - Wrinkled Prints (description only)
- A5 - Bloom

Group B

- B1 - Blank Print (description only)

Group C

Background / Dirty Print

- C1 - Background (Dirty Prints)
- C2 - Background Shadows

Group D

Spots/Marks

- D0 - Random or Repeating Horizontal Dark Bar
- D1 - Random Spots/Marks
- D2 - Random Repeating Spots/Marks

Group E

White Streaks / Voids

- E1 - White Streaks in Process Direction
- E2 - Evenly Spaced White Streaks (missing scan lines)
- E3 - Drum Streaks
- E4 - Voids

Group F

Dark Streaks

- F1 - Dark Streaks in the Process Direction
- F2 - Dark Streaks (Ghosts) Black Lines in the Process Direction

Group G

Altered Characters or Images

- G1 - Altered Images #1
- G2 - Altered Images #2
- G3 - Extended Lines
- G4 - Diagonal Lines
- G5 - Altered Images #3
- G6 - Altered Images #4
- G7 - Banding

Group H

Black Print (description only)

Group I

Light Prints

- I1 - Light Prints
- I2 - Light Streaks
- I3 - Light Print on Trailing Edges Only (description only)
- I4 - Light Print on Bar Codes, Trailing Edges Only

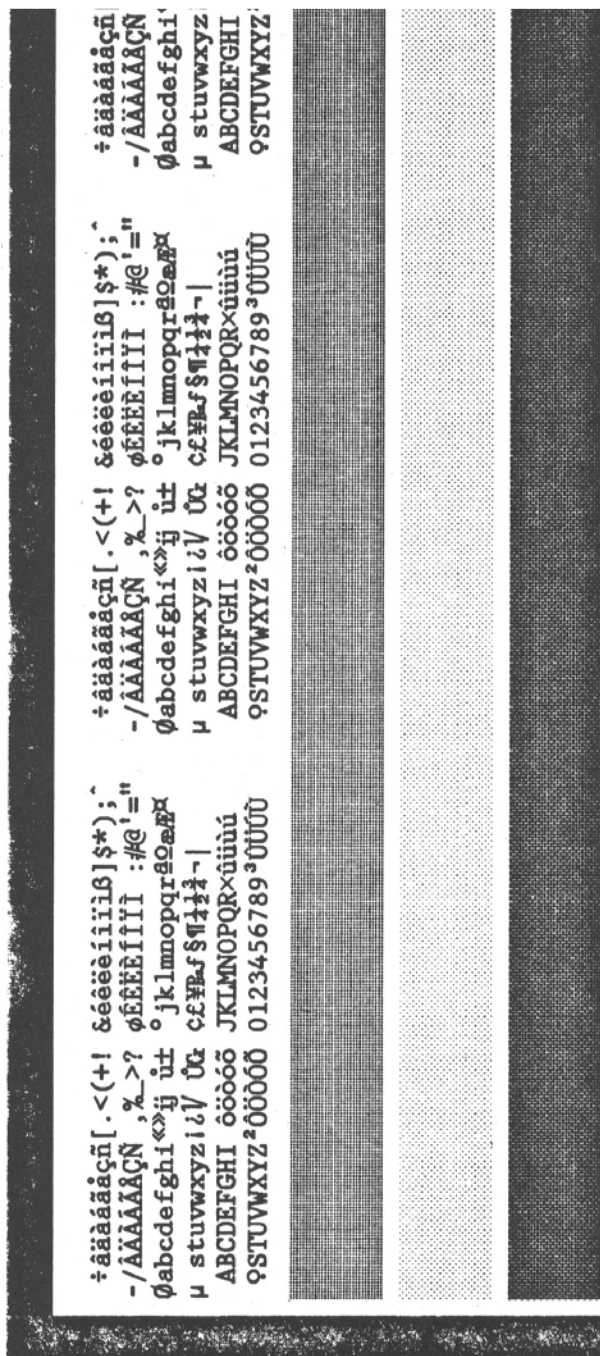
Samples

A1 - Fuser Offset/Residual Image

Fuser Offset

There is no offset image visible prior to the paper reaching the fuser. An image is transferred down approximately 305 mm (12 in.) onto the same print or onto the next print depending on the length of the paper being used.

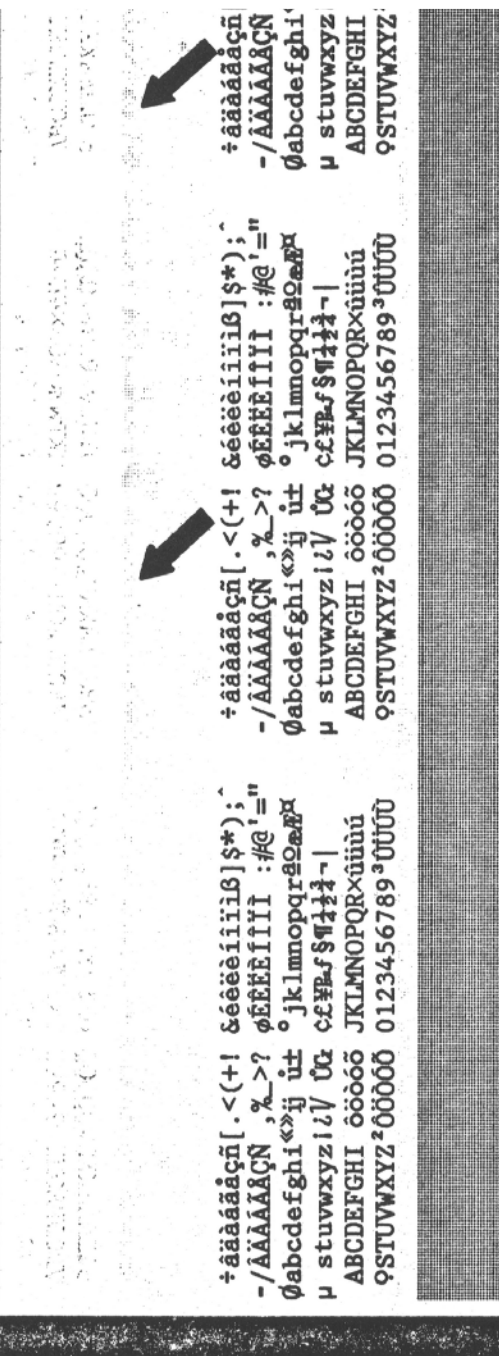
Go to MAP 1009.



Residual Image

Part or all of an image from a previous print is visible on the print. It is most noticeable if prints with different information are made in succession. The image is transferred down approximately 824 mm (32.45 in.) to another print.

Go to MAP 1008.



A2 - Poorly Fused Image

A2

Toner does not fuse to the paper and rubs off when touched. If the unfused area is small, it may look like a void or a light area.

Go to MAP 1010.

A3 - Oil On Print

A3

Oil marks are on the print when it is removed from the stacker.

Note: It is normal for oil to be on paper that was in the fuser overnight.

Go to MAP 1000.

A4 - Wrinkled Print

A4

The print is wrinkled or creased.

Go to MAP 1000.

A5 - Bloom

A5

Every time that printing stops, the print directly under the hot roll will 'bloom' and appear darker than the other parts of the page. Print Bloom under the hot roll when paper motion is stopped is normal. Consult your marketing rep if this is a problem for your customer. The way print jobs are sent can affect the number of pages that will have 'bloom'.

Go to MAP 1000.



14-IMPRIMER DES EXEMPLAIRES D'ESSAI
DE QUALITE
15-IMPRIMER JOURNAL DES ERREURS
16-IMPRIMER JOURNAL DES DONNEES
D'IMPRESSION
20-AFFICHER LE MENU DES TRACES
21-AFFICHER LES TRACES ACTIFS
22-DESACTIVER LES TRACES
23-ACTIVER LES TRACES
-TRACE CCW
-TRACE IPDS
-TRACE DETAILLEE
-TRACE COURTE
30-AFFICHER LE MENU DE CONFIGURATION
31-PERSONNALISER LA CONFIGURATION
32-MODIFIER LA CONFIGURATION
40-SAUVEGARDE DE LA DISQUETTE

****OPERACION EN MODO DE PRUEBA****
10-MOSTRAR MENU DE IMPRESION
11-IMPRIMIR DATOS DE CONFIGURACION
13-IMPRIMIR RASTREO
14-IMPRIMIR PRUEBA DE CALIDAD
15-IMPRIMIR REGISTRO DE ERRORES
16-IMPRIMIR REGISTRO DE DATOS DE
IMPRESORA
20-MOSTRAR MENU DE RASTREOS
21-MOSTRAR RASTREOS ACTIVOS
22-DESACTIVAR RASTREOS
23-ACTIVAR RASTREOS
-RASTREO CCW
-RASTREO IPDS
-RASTREO EXTENDIDO
-RASTREO REDUCIDO
30-MOSTRAR MENU DE CONFIGURACION
31-ADAPTAR LA CONFIGURACION
32-MODIFICAR LA CONFIGURACION
40-DISKETTE - COPIAR RESERVA

13-STAMPARE T
14-STAMPARE I
15-STAMPARE I
16-STAMPARE I
20-VISUALIZZA
21-VISUALIZZA
22-DISATTIVA
23-ATTIVARE T
-TRACCIA C
-TRACCIA I
-TRACCIA I
-TRACCIA I
30-VISUALIZZA
CONFIGURA
31-PERSONALIZ
32-MODIFICAR
40-MINIDISCO

****TEST MODI**
10-DISPLAY PI
11-PRINT CONI
13-PRINT TRAC
14-PRINT QUAL
15-PRINT ERRO
16-PRINT PRIM
20-DISPLAY TI
21-DISPLAY AC
22-DEACTIVATI
23-ACTIVATE T
-CCW TRAC
-IPDS TRAC
-LONG CODI
-SHORT COI
30-DISPLAY CO
31-CUSTOMIZE
32-MODIFY COM
40-BACKUP DIS

HC66Q025

B1 - Blank Print

B1

A blank print may have slight background but has no images.

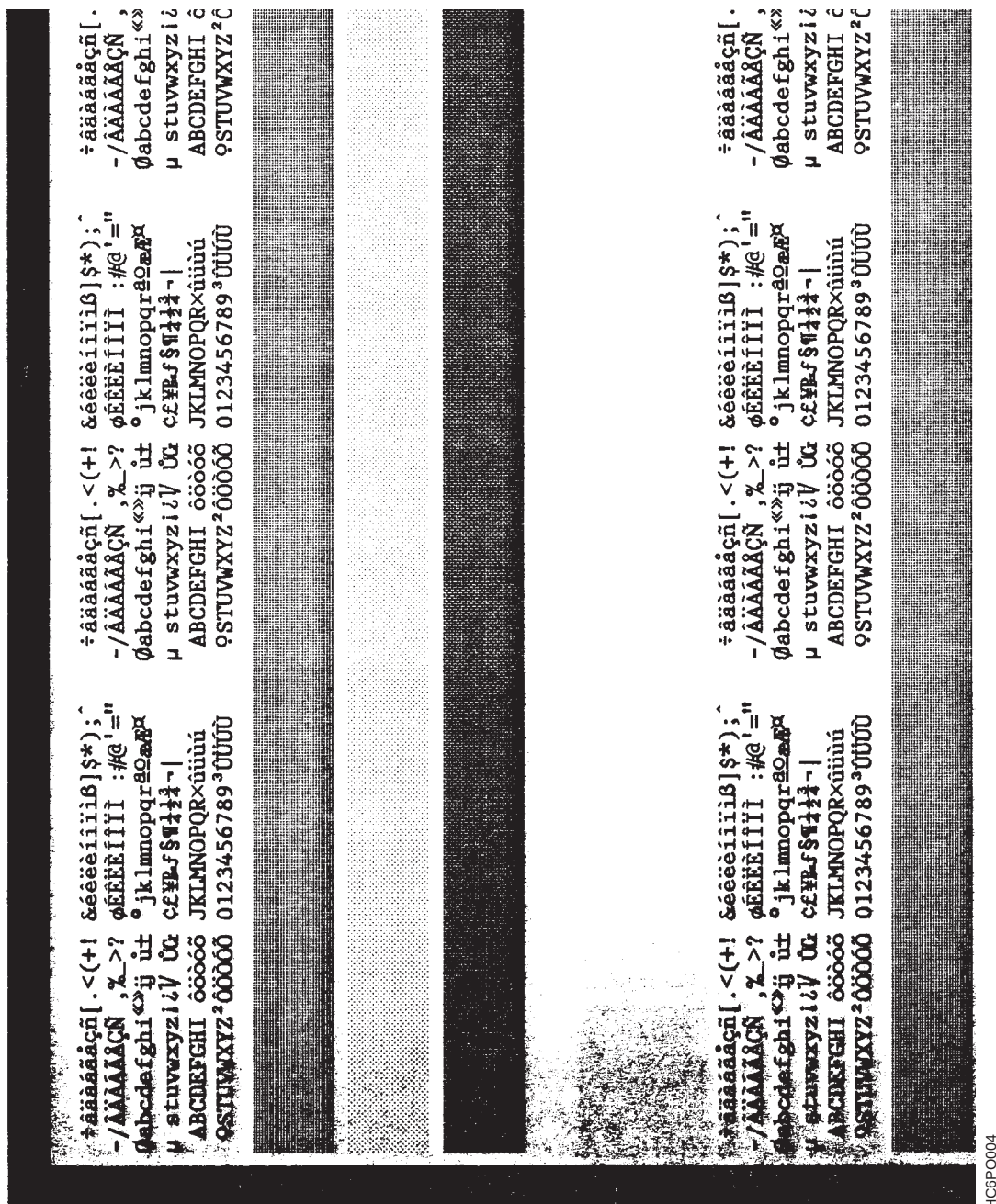
Go to MAP 1007.

C1 - Background/Dirty Print

C1

This print shows background near one edge of the print. Background may appear in small areas or may cover the entire print.

Go to MAP 1005.

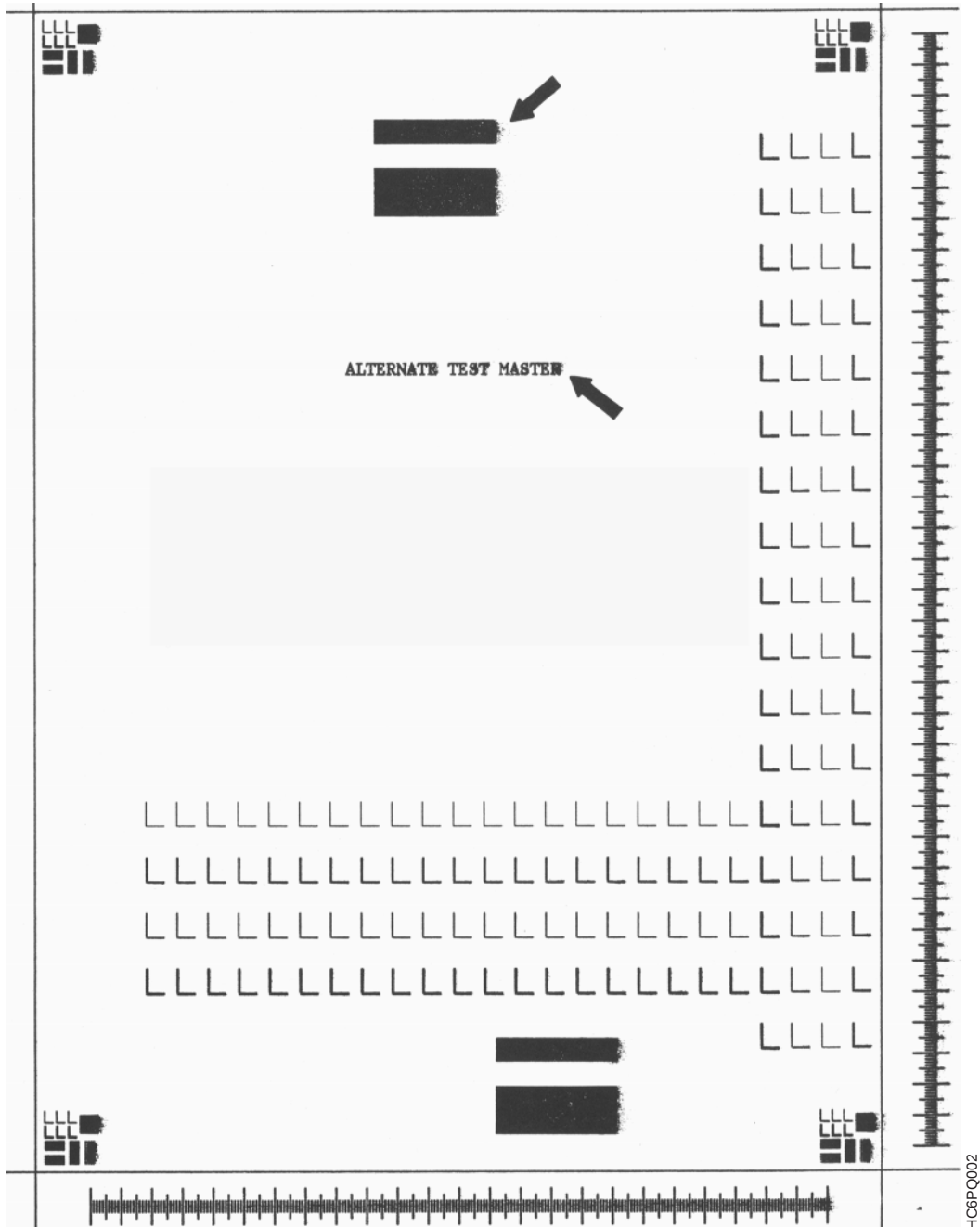


C2 - Background Shadows

C2

Many Characters and images on this sample have a background shadow which appears on the trailing edge of characters or images.

Go to MAP 1014.

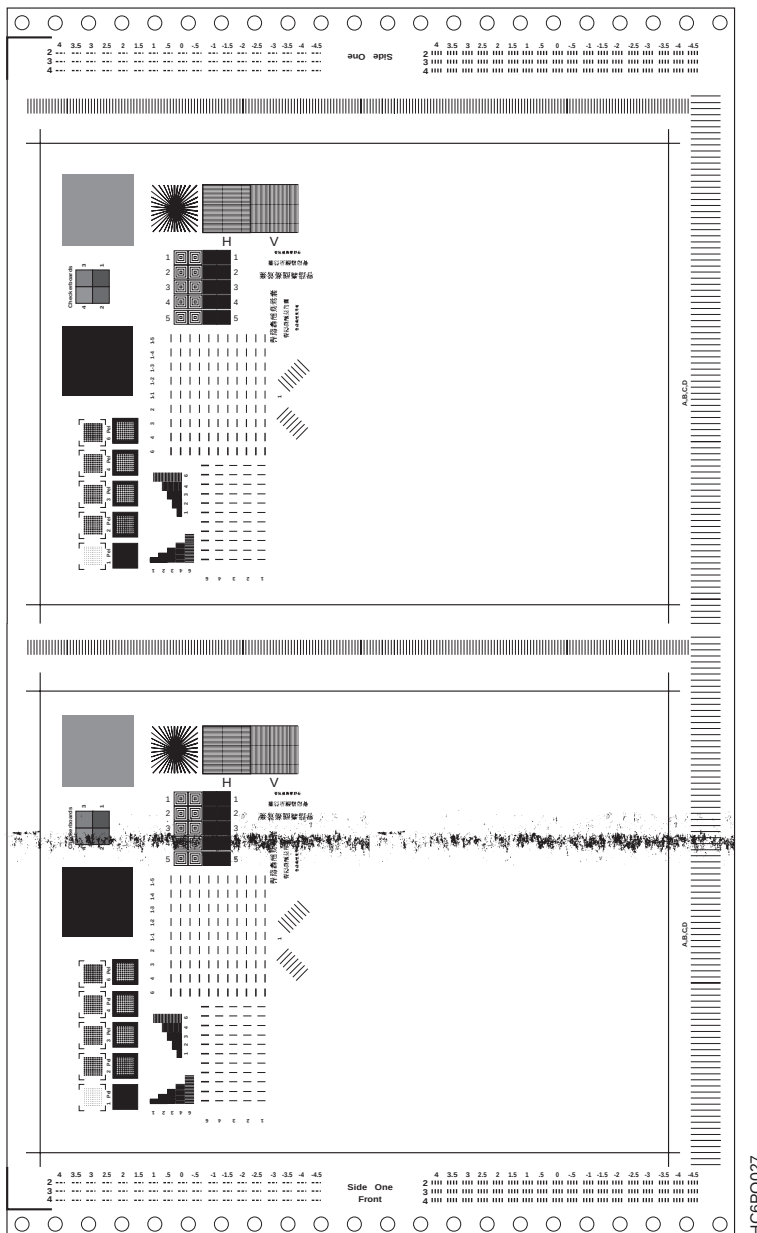


D0 - Horizontal Dark Bar (Repeating or Random)

D0

This defect is caused by an 'undetected Mag Brush Bias arc.

Go to MAP 231 and answer 'YES' to the question: "Did a machine check 231 occur?".

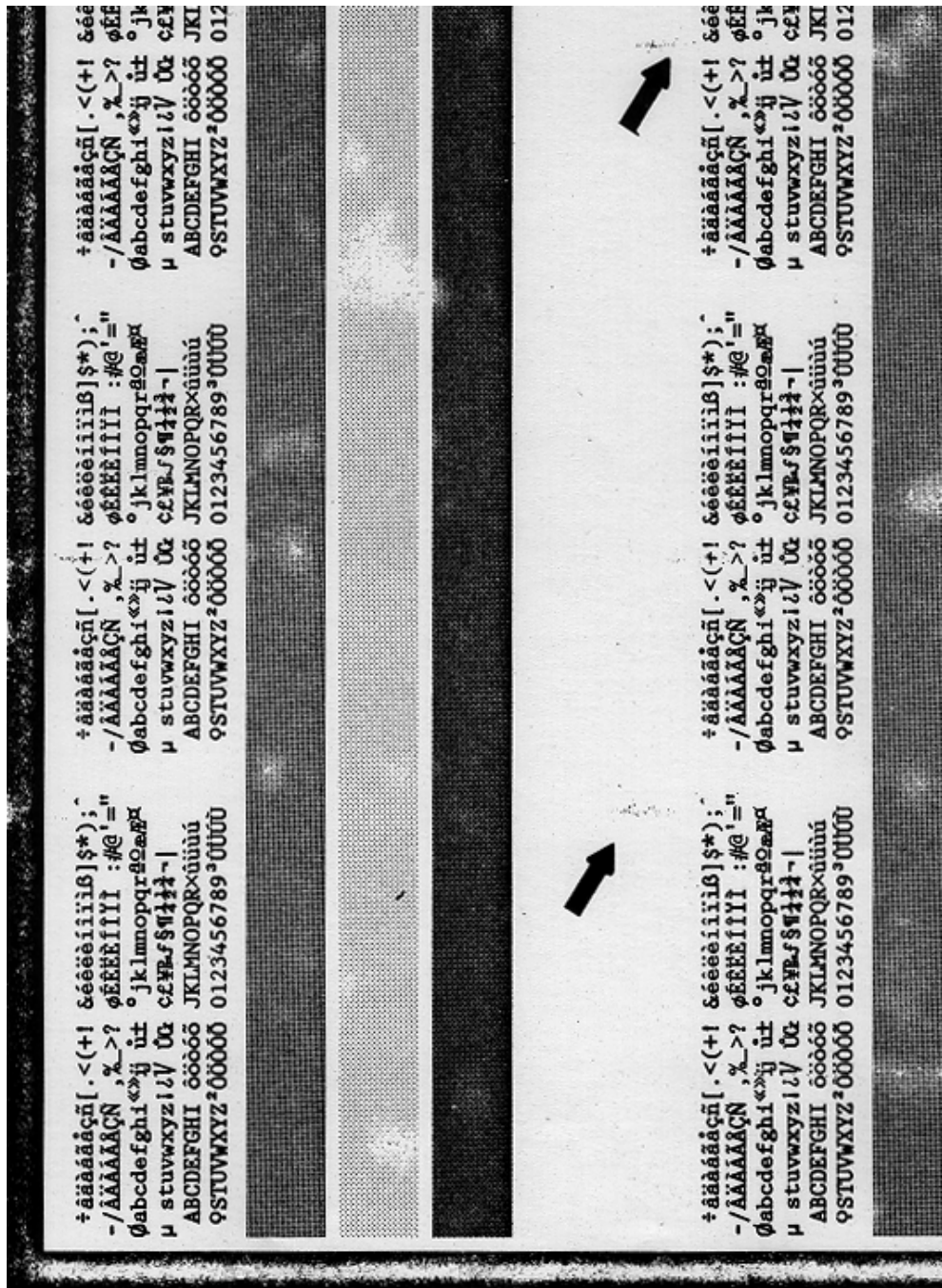


D1 - Random Spots or Marks

D1

These spots may be any shape or size. The shape and size will be different on each print.

Go to MAP 1002.



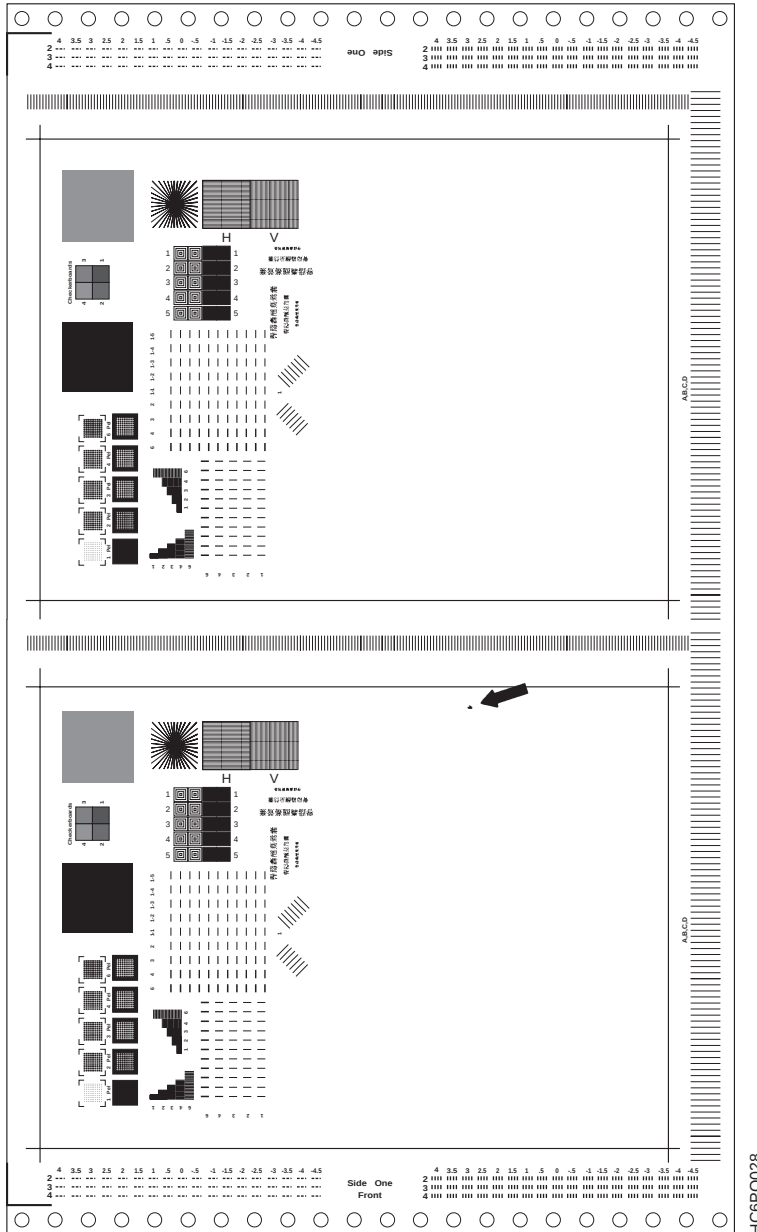
HC6PQ006

D2 - Repeating Spots or Marks

D2

These are spots or marks that appear in the same pattern (shape and number). They occur at the same distance from the start of the scan edge of the print each time that they are visible, but will not always be the same distance from the leading edge.

Go to MAP 1001.

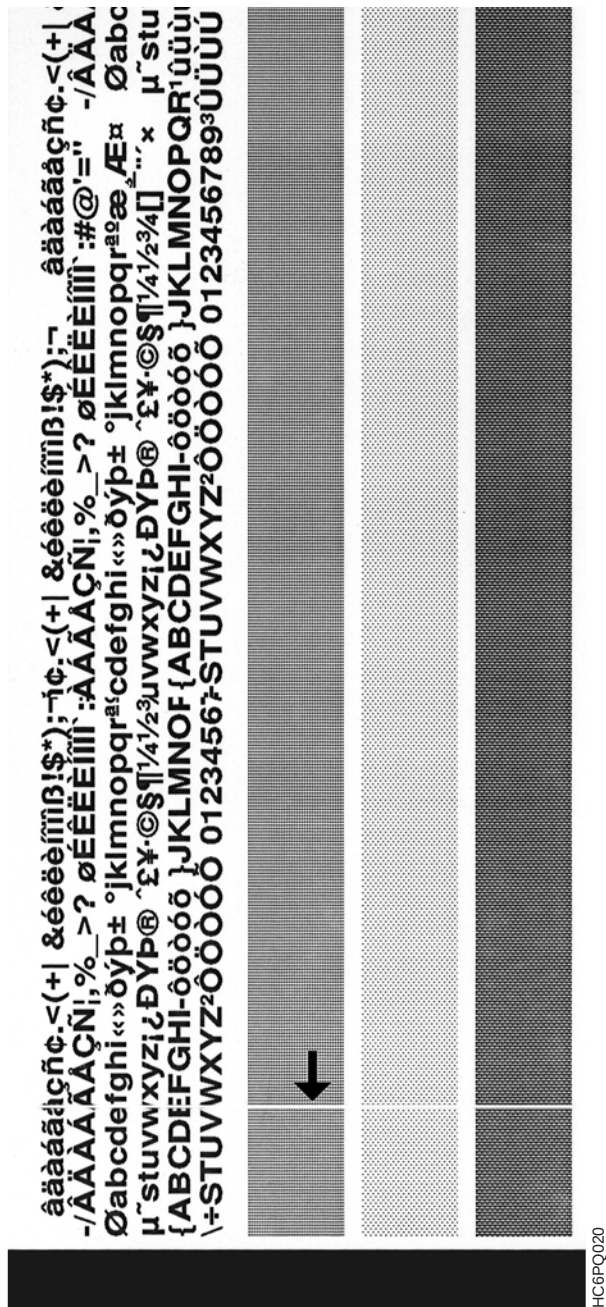


E1 - White Streaks in the Process Direction

E1

One or more white streaks (voids) appear through printed information in the process direction.

Go to MAP 1003.

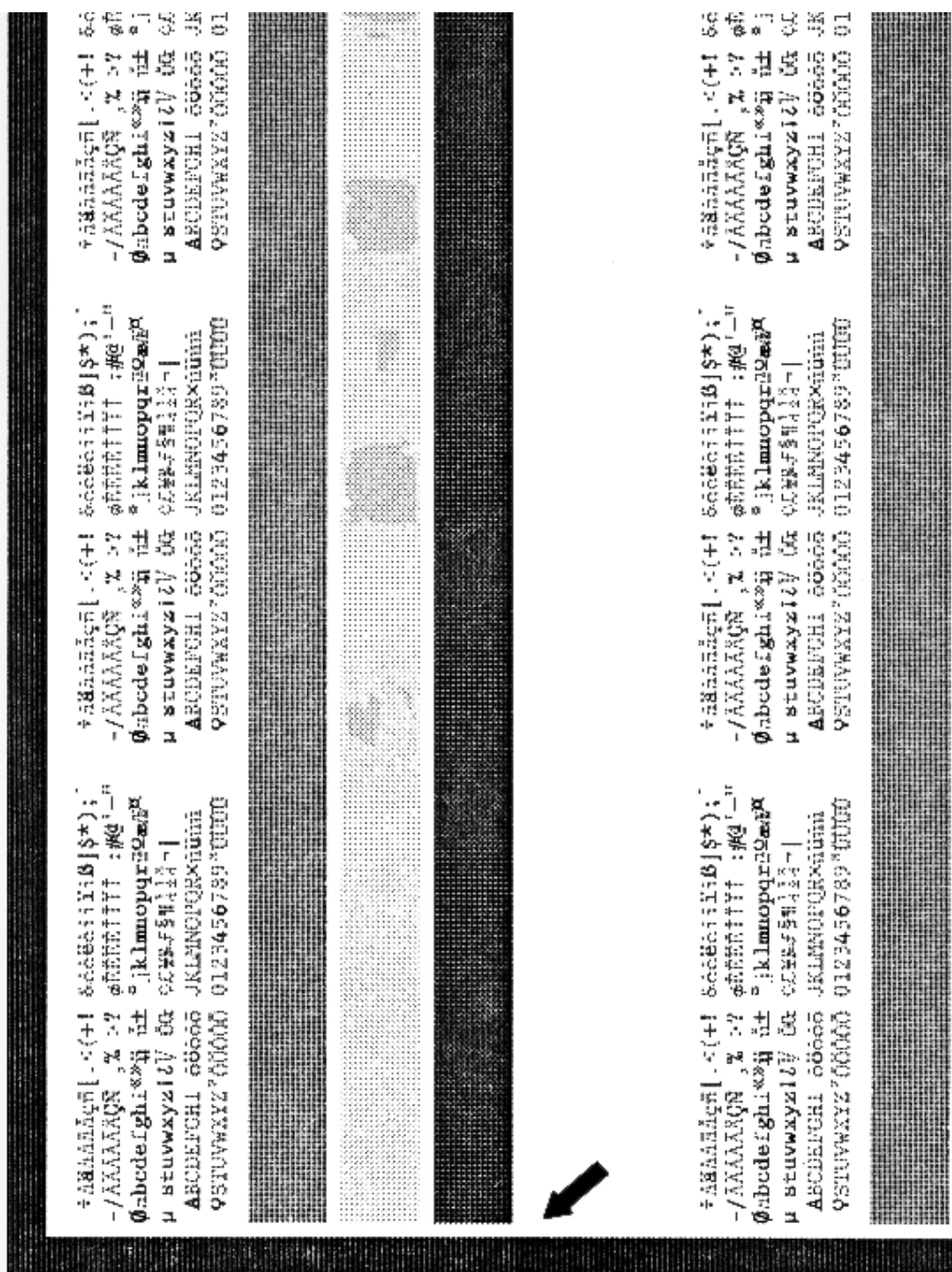


E2 - Evenly Spaced White Streaks

E2

White streaks occur in the scan direction and are evenly spaced.

Go to MAP 1003.



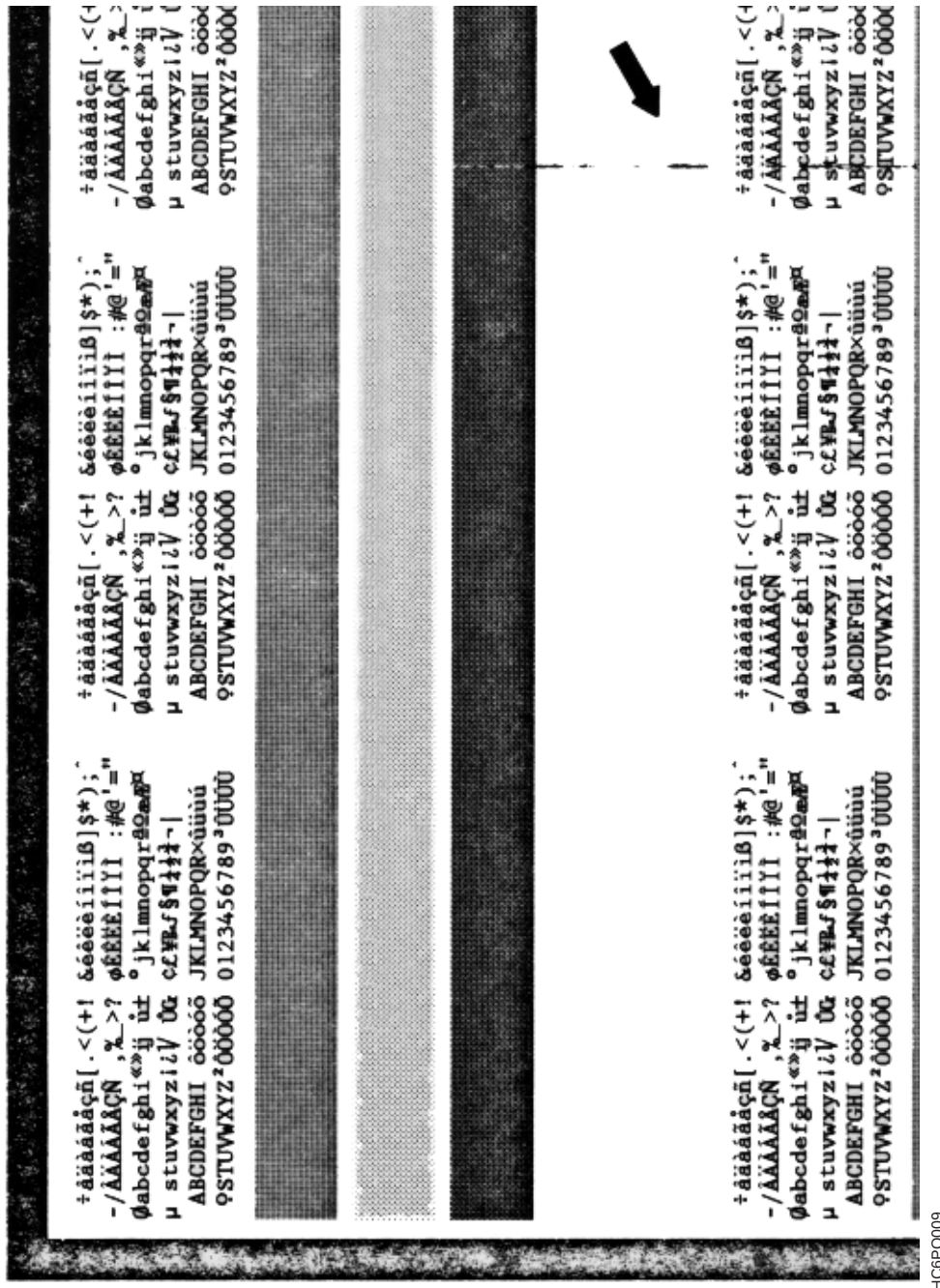
HC6PQ008

E3 - Drum Streaks

E3

These streaks were caused by a damaged PC drum. The streaks may appear as white or dark areas on the print. The same streak pattern is repeated on several prints.

Go to MAP 1003 or 1004.



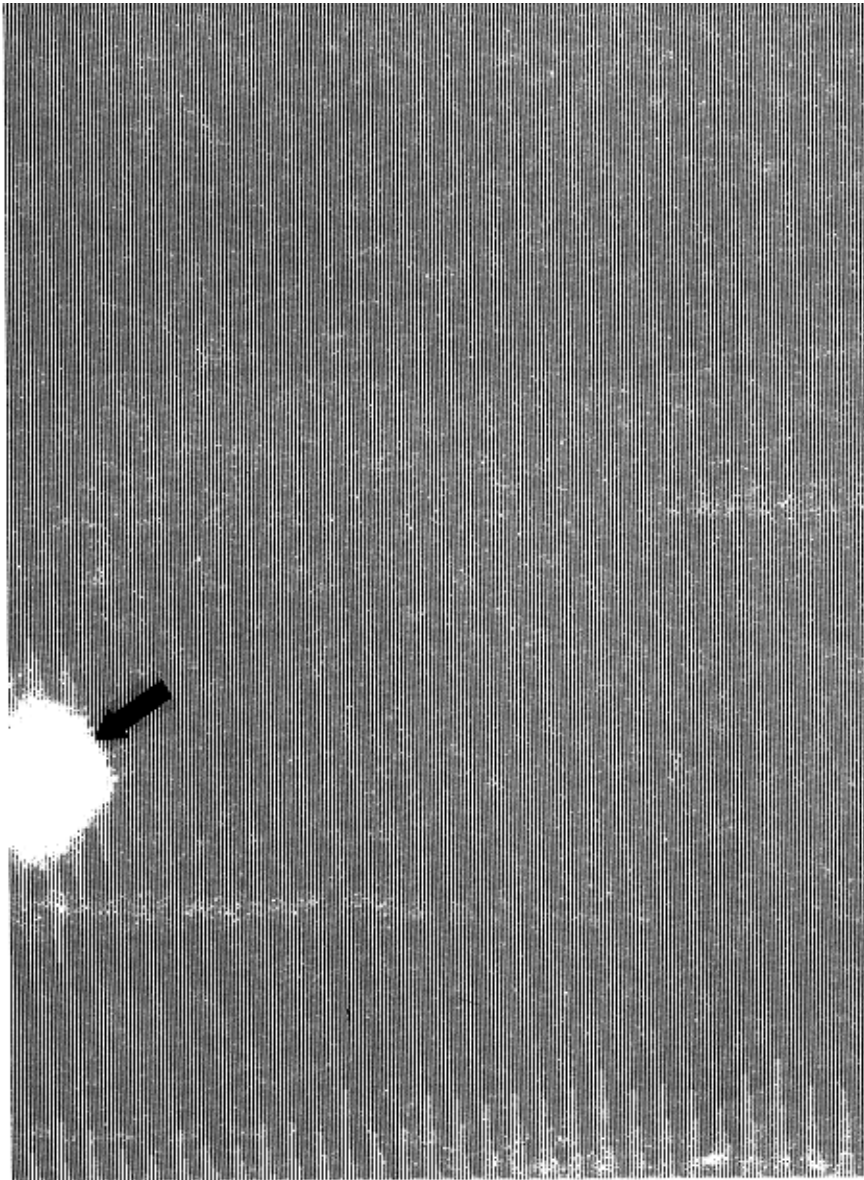
HC6PQ009

E4 - Voids

E4

Voids are blank areas within an area of the print that is normally black. These voids may occur as small or large areas.

Go to MAP 1003.



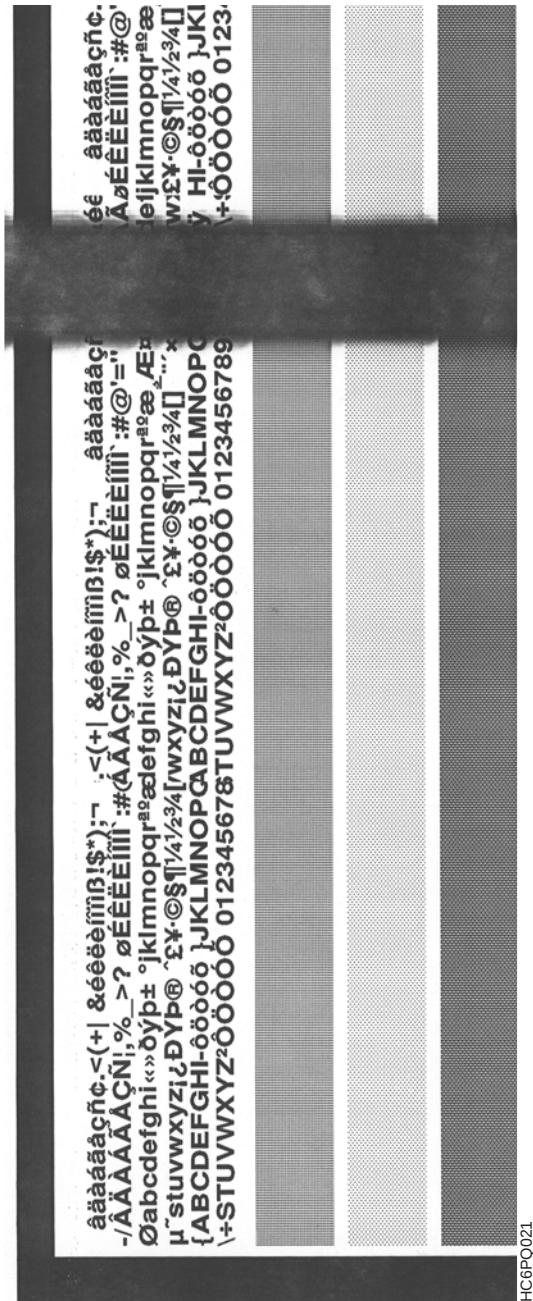
HC6PQ010

F1 - Dark Streaks in the Process Direction

F1

These streaks may differ in width but usually extend from the leading edge to the trailing edge of the print.

Go to MAP 1004.

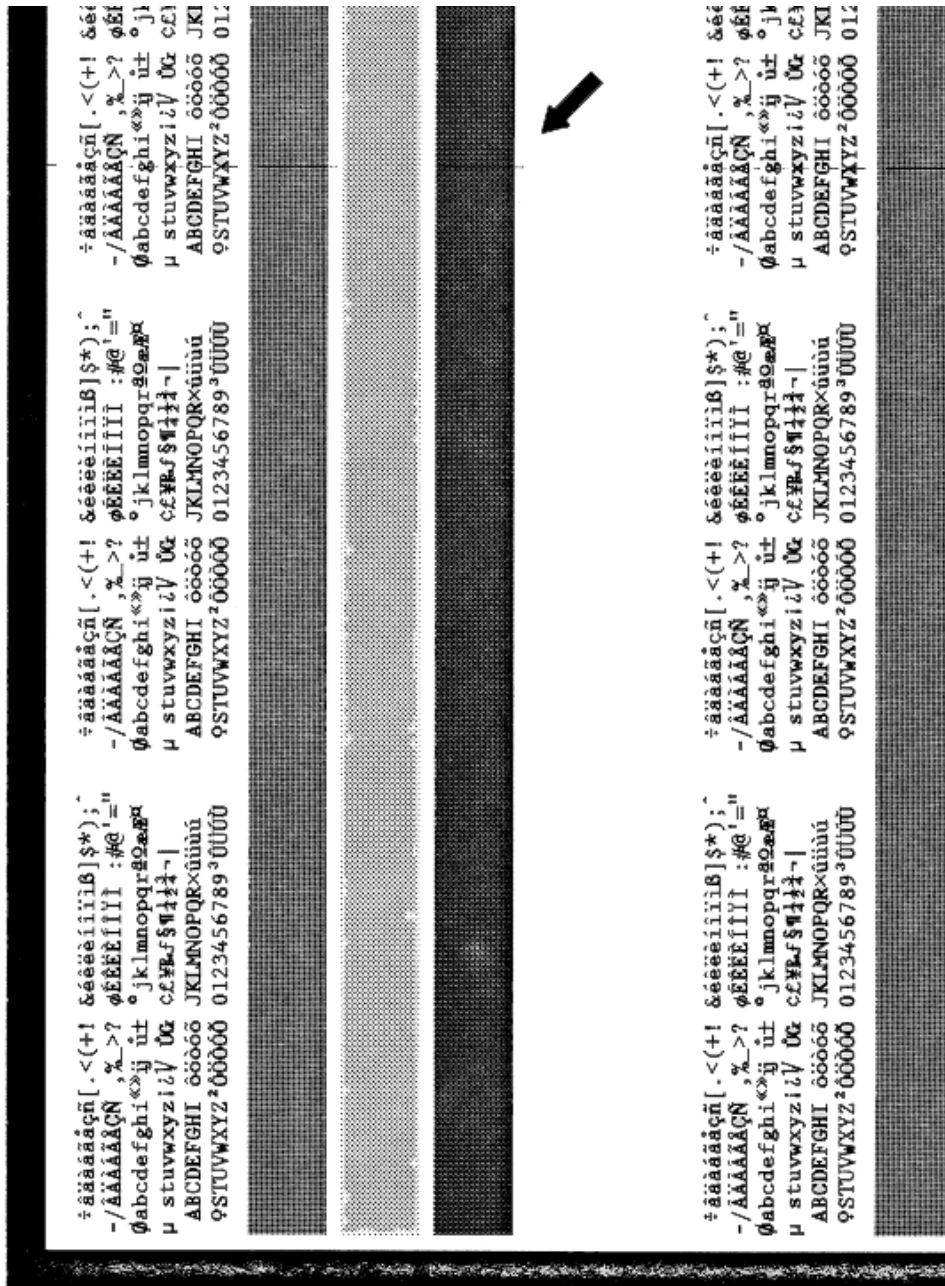


F2 - Dark Streaks (Ghosts)

F2

These thin dark streaks are caused by a reflected laser beam. The streaks appear in the process direction and within print areas. There are not streaks in the black areas of the print.

Go to MAP 1004.



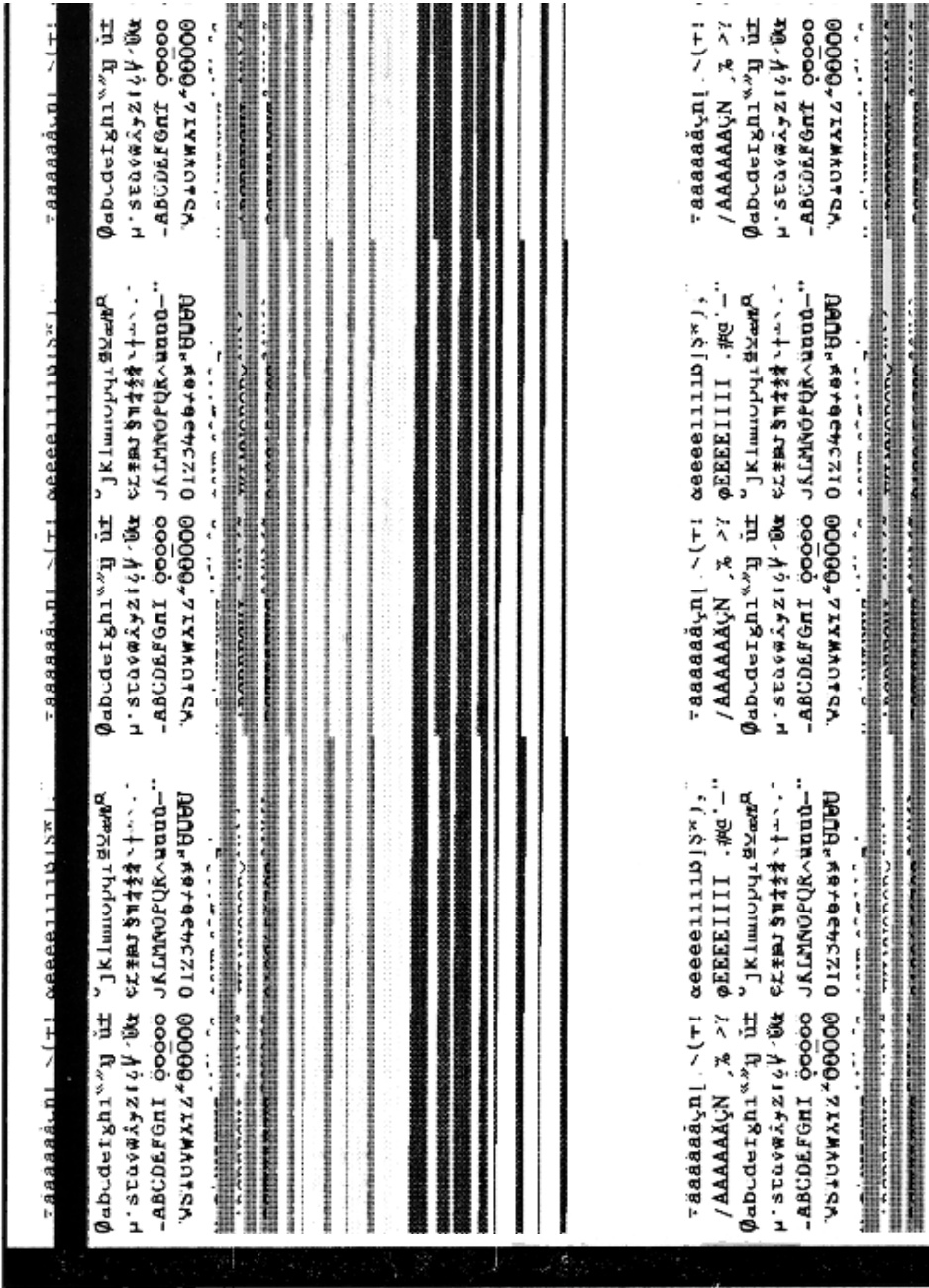
HC6PQ011

G1 - Altered Images #1

G1

Images have been moved on the print. Some portions of the images are missing.

Go to MAP 1012.



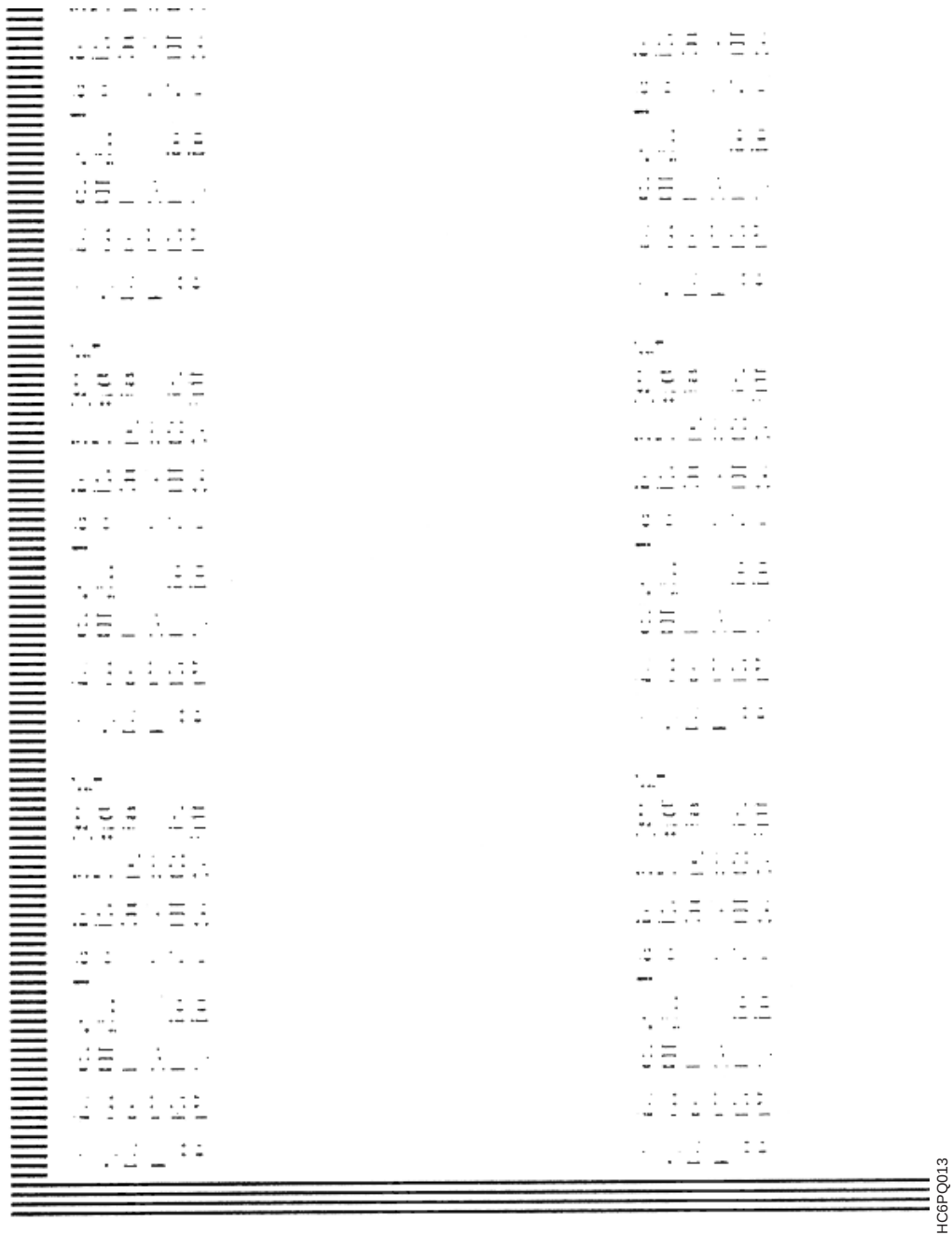
HC6P0012

G2 - Altered Images #2

G2

No recognizable images are present

Go to MAP 1012.



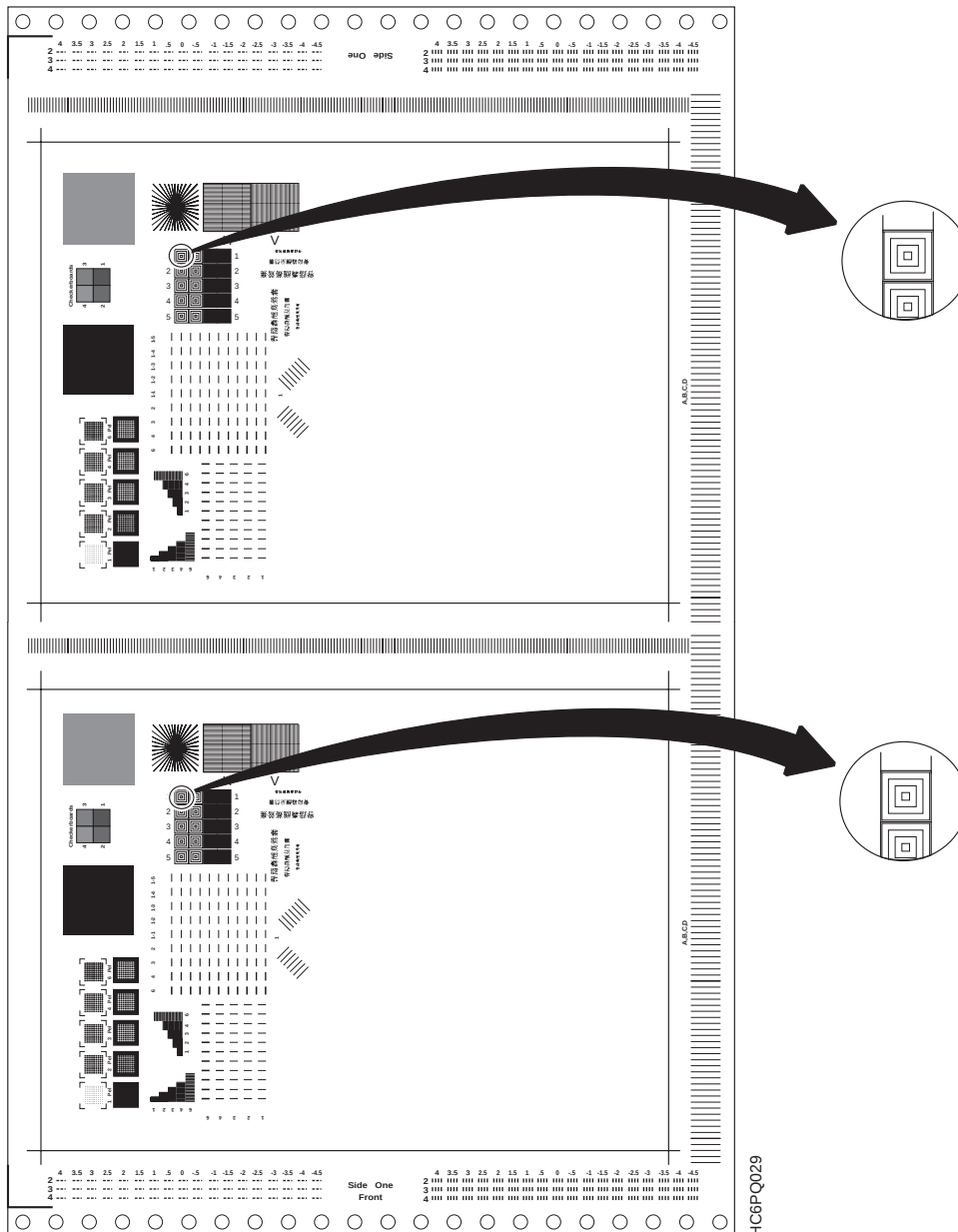
HC8PQ013

G3 - Extended Lines

G3

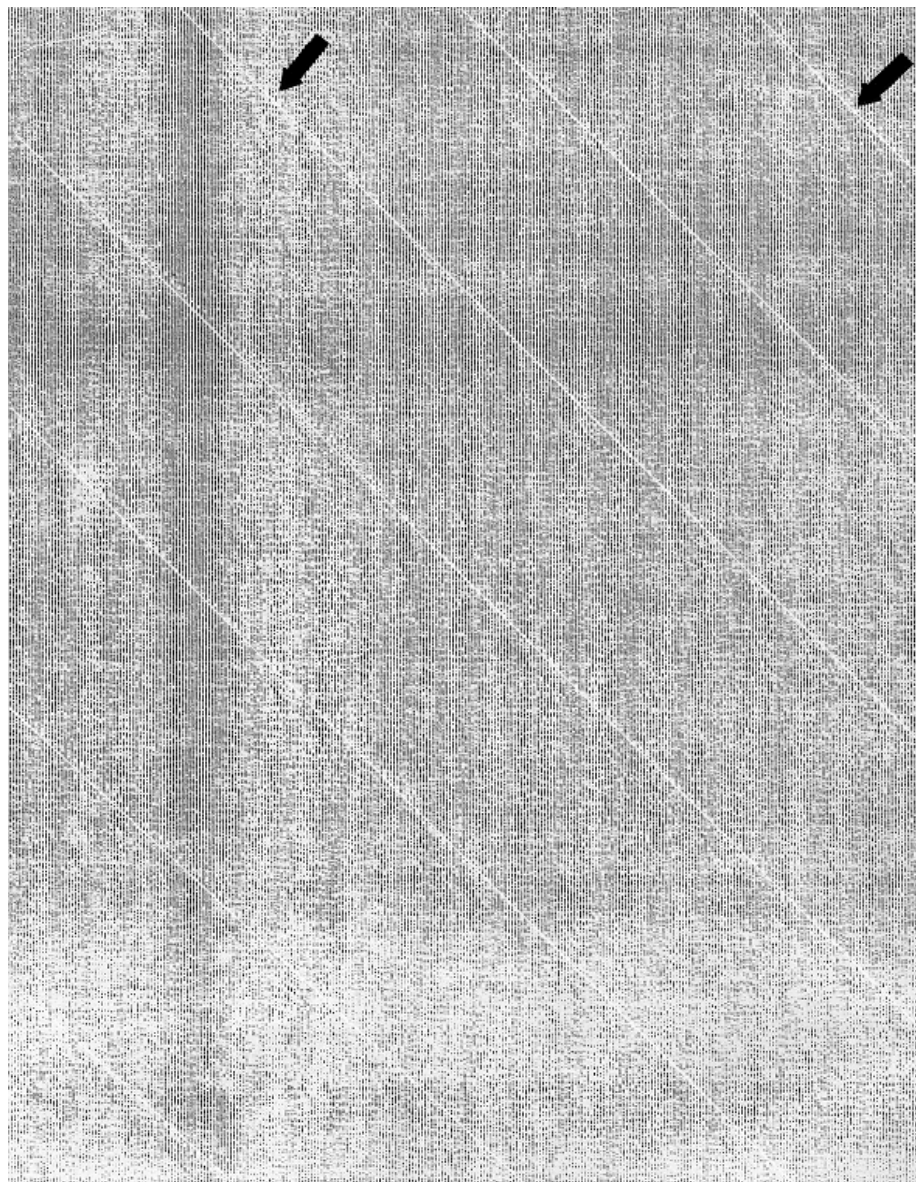
Bands or lines extended in the scan direction.

Go to MAP 1012.



G4 - Diagonal Bands

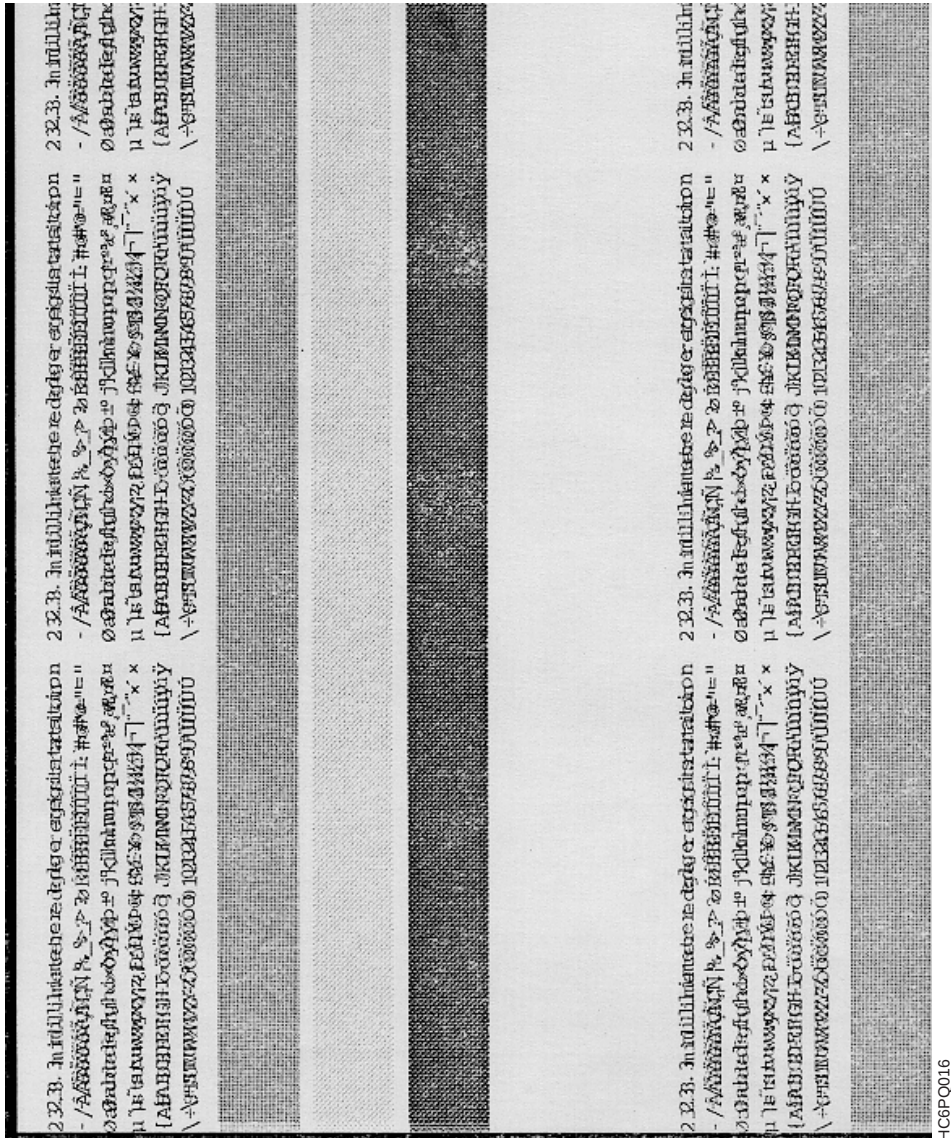
G4
Go to MAP 1012.



HC6PQ015

G5 - Altered Images #3

G5
Go to MAP 1012.

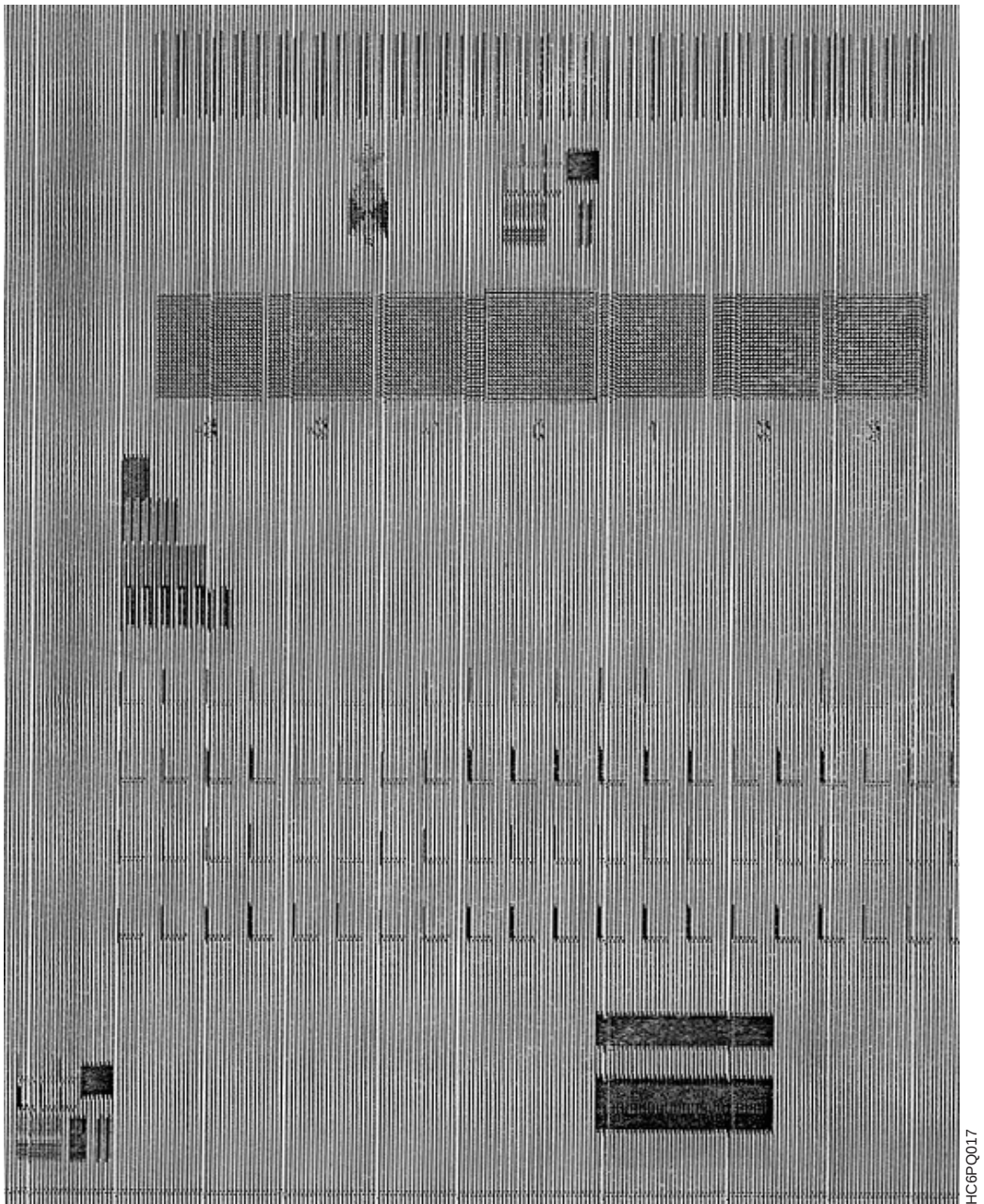


HC6PQ016

G6 - Altered Images #4

G6

Go to MAP 1012.



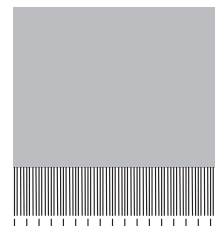
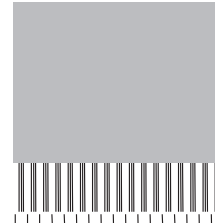
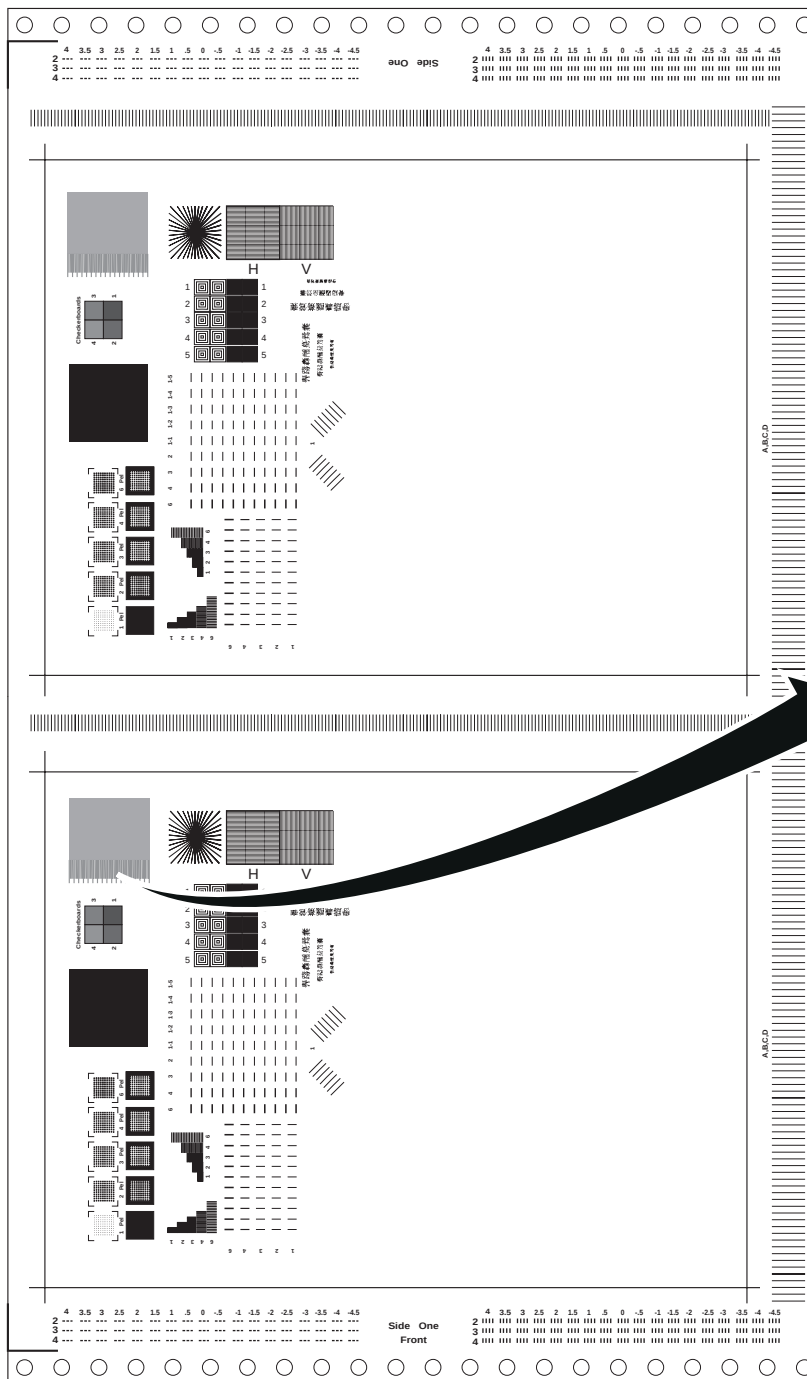
HC6PQ017

G7 - Banding

G7

Horizontal (scan direction) bands (uniform lighter and darker streaks) in the image area of the prints.

Go to “Beam Spacing Check and Adjustment” in the Printhead Removals and Adjustments section.



HC6PQ026

H1 - Black Print

H1

No sample exists for this problem.

A black print is dark or black all over and has no images.

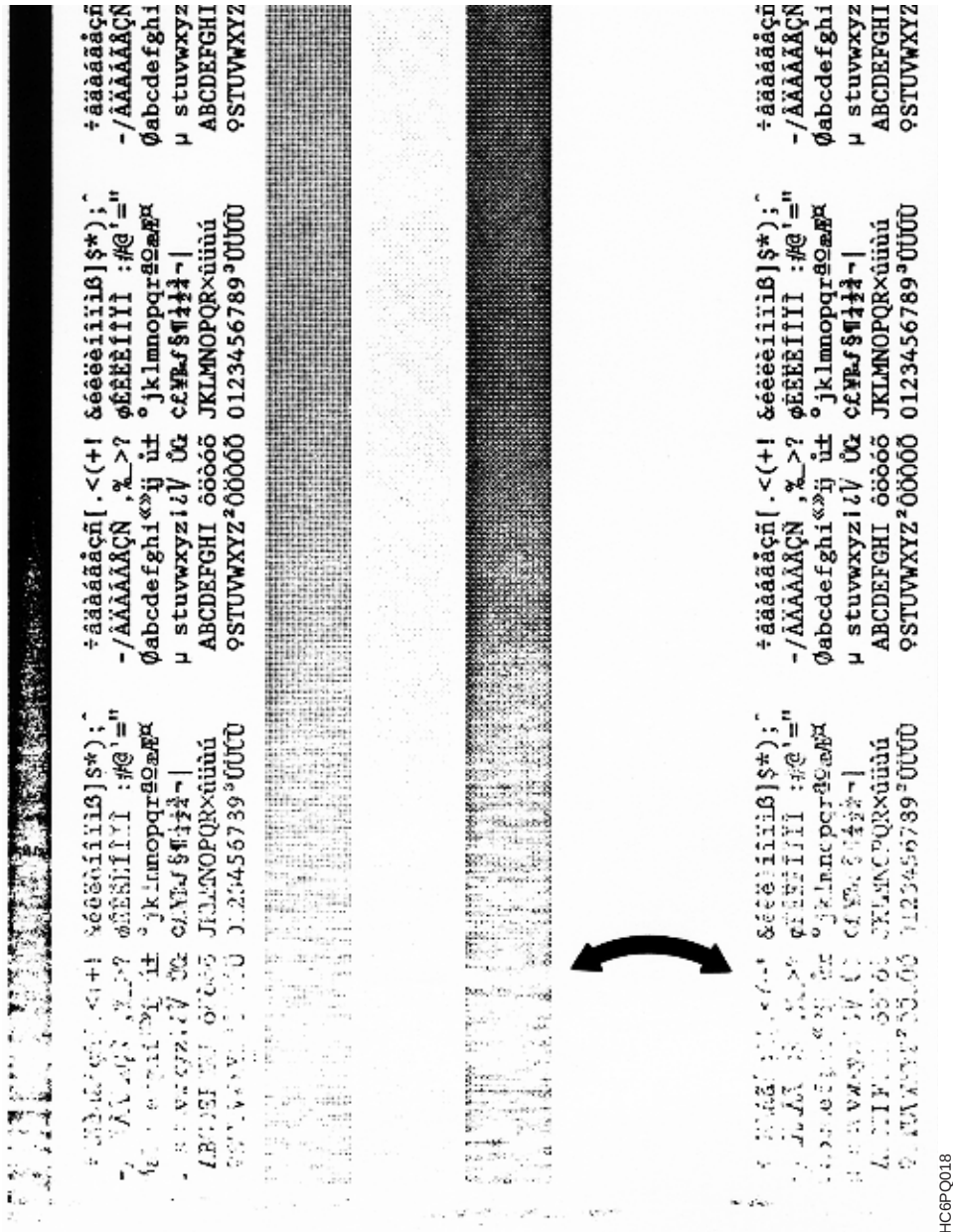
Go to MAP 1006.

I1 - Light Prints

I1

Light print may occur only in some areas or over the entire print. Some type is not readable and black areas are light.

Go to MAP 1018.

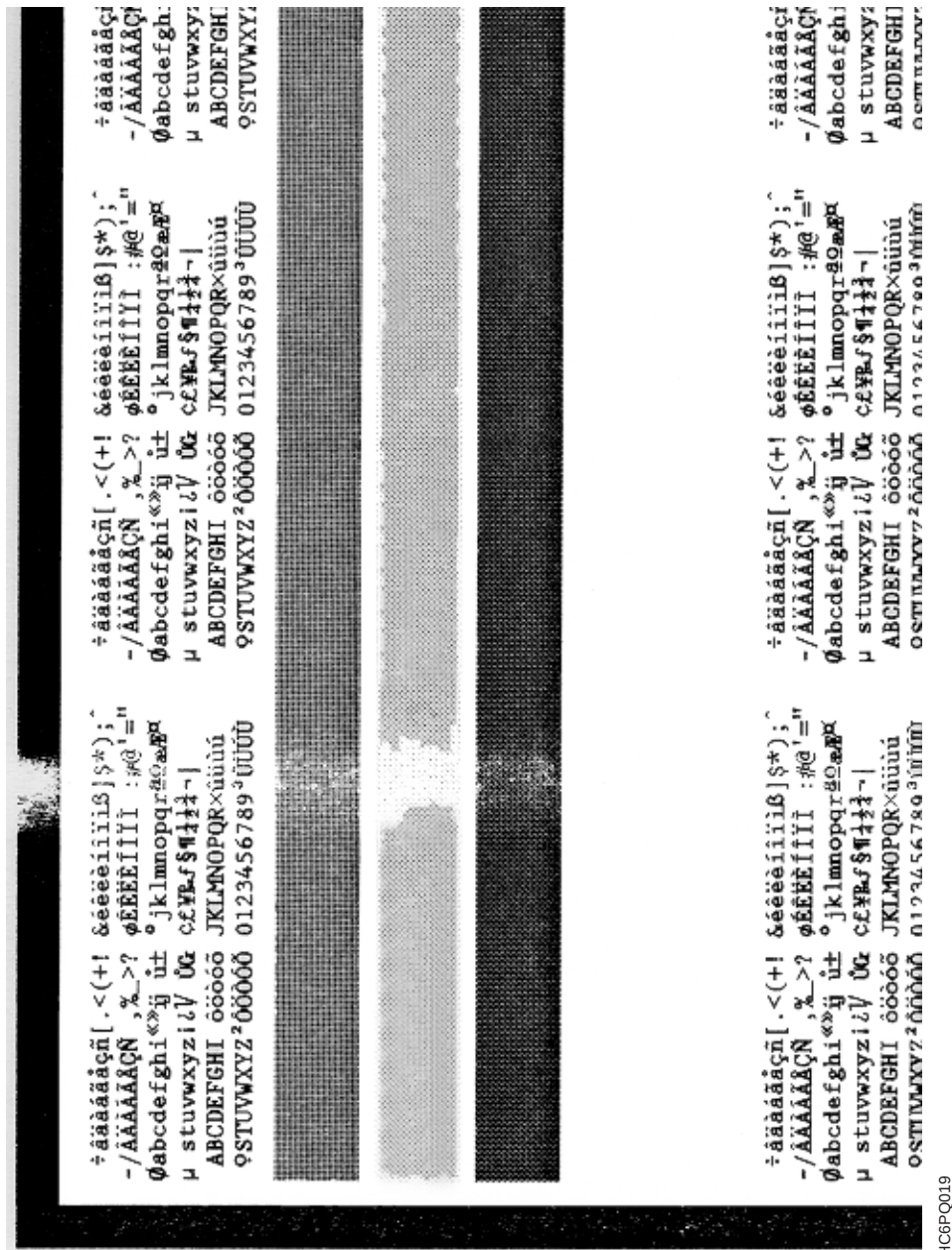


I2 - Light Streaks

I2

A streak of lighter printing appears on the page.

Go to MAP 1003.



HC6PQ019

I3 - Light Print, Trailing Edge Only

I3

No sample exists for this problem.

The trailing edge (that is, the edge of the form to the right of the print as it leaves the printer) is light.
The rest of the print is normal.

Go to MAP 1018.

I4 - Light Print On Bar Codes, Trailing Edge Only

Go to MAP 1021.





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02N7129

