FIELD ENGINEERING CORRESPONDENCE

DATE: December 12, 1974

TO: All Depot Personnel cc: R. Parent
 W. Grove
FROM: R. Boynton D. Larson

SUBJECT: Depot Procedure

The following is in reference to ▮▮▮▮▮ which
relates to problems that Graphic Systems
1210 frames have exhibited at site and cannot
be reproduced at the depot. Some insight into
this problem has shown, that Graphic Systems
has turn-key consoles which are wired to start
their program as soon as power is turned on.
This means that RUN should be inhibited until
+5 OK and mem OK are true. In some 1210 power
supplies +5 OK is coming true before it should
(the reason for the DIB) and causing Graphic
System to express "cannot load program or
"cold start problem" on their Discrepancy
Report. It is imperative that all 1210 frames
from Graphic Systems have the change (DIB #9)
installed before being shipped.

Thank you in advance for your cooperation.

RICHARD BOYNTON

RB/ds

Subject: 1210 Cold Start Problems.

There have been several 1210 frames returned
to Westboro with "cold start" problems. The
way to check out the frames is to load a
memory with Exerciser. Then placing memory
in suspect frame, hold start switch up and
turn on the machine. The program, if a cold
start problem exists, will halt.

The problem can be fixed by replacing R14, (1K
res) with a 1.1K resistor. R14 is located next
to U1, between U1 and U2. R14 can be easily
replaced by removing the 20,000 MFD cap that
covers U1.

To test the frame, follow the check out
procedure with the frame cold. With start
switch up and power applied, the machine
should go into run and start the program.

| Submitted by: J. COSTELLO - WESTBORO | Date: 12/12/74 |
| Reviewed by: *Richard Brereton* | Date: 12/12/74 |