

# SERVICE LETTER

DATE: October 10, 1974

NUMBER: DK-3026

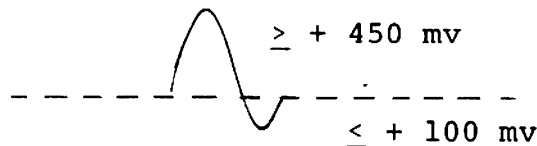
## OPTICAL SECTOR TRANSDUCER DETERIORATION

REFERENCE: Product Improvement Bulletin (PIB DK-3018)  
Service Information Only

**PURPOSE:** In an emergency, an upper sector transducer with low amplitude can possibly be revived for an undetermined period of time. Removal of Jumper W-19 from the Logic PCBA, effectively doubles the gain of operation amplifier, U425. Reinstallation of W-19 is mandatory when the optical sector transducer (P/N 102685) is replaced. Failure to do so will shorten the life of the amplifier circuitry. Because this "QUICK FIX" is not permanent, replacement of the optical transducer assembly (P/N 102685) is recommended as soon as possible.

**SYMPTOMS:**

- Unexplainable controller time outs.
- Missing Sector pulses.
- Intermittent Sector Errors.
- Low Amplitude at Logic PCBA Test Point E2 (Reference Figure 1).



**PARTS:** None

**TOOLS:** No Special Tools Required.

### REWORK INSTRUCTIONS:

- 1) Remove W-19 from Logic PCBA
- 2) Place parts order for optical sector transducer assembly (P/N 102685).

**TEST PROCEDURE:** None

**DRAWING CHANGES:** None

**TIME REQUIRED:** One-half Hour.