

April 9,
1962.

The American Optical Co.,
Projector Division,
Chelsea 50,
Mass.

Dear Sirs:-

I have a model GK projector made by you which I purchased from you through the Santa Fe Book & Stationery Co., of Santa Fe. The motor is in need of overhauling. I started to take it out to avoid shipping the whole machine, but found the electrical connections too difficult to remove. Therefore I am having the Santa Fe Book & Stationery Co send the machine in to you. I have removed the lens and condensers to lighten the machine, and avoid any damage by shipping. I am sure the trouble is too much oil. I have tried to be very careful about this, but your instructions do not say how many hours of use between oilings. I have never put in more than one drop at a time, but when the machine has not been used for some time I have put in the one drop in each oil hole.

This particular machine is equipped with a 16" lens. Will you please test and adjust the mirror. Where it is set now was right for a throw of about 25 or 30 feet and the scale is quite far from that.

You will find the switch screws and parts which I had removed on the corner box and all parts are there.

The machine has given me many years of good use. You will find, however, that I had a more adequate rising front adjustment made. Your butterfly screw and plate on those smooth rods just would not hold properly.

The motor may only need cleaning, I could see the flicker of a short the last time I used it, and

I send it in immediately to avoid injury to the motor.

Should you wish the lens and condensers, I can send them separately, but I am sure you have others to test this machine. The set screw for the lens when focusing seems to be missing. In fact, I don't think it ever was there, so please send one with the instrument. If there are any other set screws missing, I do not have them and they should be replaced.

Very truly yours,