

trol pneumatic located under the tremulant air chest. (See Figure 5.)

- STEP 8. Replace this push rod with a solidly connected linkage which will have to be fabricated. (See Figure 4 and 6.)

The changeover is now complete.

Some notes to consider.

1. Wooden linkage members should be straight grained maple.
2. Pins in linkage should be 1/8 to 3/16 inch round steel with a smooth finish.
3. Pin should be snug in the connecting shaft and free but not loose in the fork member.
4. Use graphite on the forks bearing holes.
5. The linkage will have close clearance in the shaftway and this should be checked before anchoring permanently.
6. Position contacts so that contacts are made when pneumatic is at the top of the stroke and contact maker is at mid-point of its adjustment.
7. If organ is used extensively, provide the heaviest contacts available. In a home installation, a manual or pedal contact stands up well.
8. The space is limited for mounting the flange of the static air supply to the control box so it may be necessary to trim the flange.
9. Weights may or may not be necessary in adjusting the beat. However, the supply valve slide and the venting valve slide may be adjusted through a wide range. The exact speed and depth or intensity should be secured without a tendency for the tremulant to stop. In fact, the tremolo will beat with the regulator wind line disconnected.
10. The speed is primarily adjusted with the machine screw which throttles the wind from the small primary valve to the larger secondary pneumatic. Finer control can be secured by adjusting the contact maker adjusting screw.

This method of conversion has been tried on a tremulant that would not operate correctly, and it corrected the problem most satisfactorily.

Good luck!!!!!!!!!!!!!!!!!!!!



Woody Wise, who began his motion picture career as a theatre usher at 15, has been named managing director of the Harold Lloyd estate in the Beverly Hills section of Los Angeles, California.

The manor house, built in 1929 at a cost of 2½ million dollars, will open to the public for the first time in May of 1973.

Mr. Wise has been involved with movies since the age of 12 when he was given a Keystone projector and some old time films. He began working as an usher for Alexandria Amusement Theatres at 15, becoming the youngest manager in the state when he took over running the Flagship Theatre for the Virginia based chain at 18.

Before accepting the post with the Harold Lloyd estate he was assistant general manager of the Alexandria, Va. movie chain and also owned two theatres, two movie memorabilia shops, and a 16mm rental firm.

Mr. Wise's new position with the Harold Lloyd estate will entail present-

Woody Wise to Manage Lloyd Estate

ing to the public the myriad features of the 14-acre estate. All of Mr. Lloyd's original furnishings, his vintage autos, paintings by the late actor, player pipe organ, and mementos presented him will be available for public viewing along with the grounds that feature Mediterranean gardens, an Olympic regulation pool, and a children's playground complete with zoo and miniature houses.

Mr. Wise will also supervise the famous 18-foot high Harold Lloyd Christmas tree which is on display year-round. Thousands of hand made ornaments presented to Mr. Lloyd from friends around the world decorate the tree.

Included in Woody's duties will be directing the soon to be constructed movie theatre to house the Ben Hall Memorial Organ.

The Lloyd estate has been used as the setting for numerous motion pictures, the most recent being used as Shangri-la for a TV special of *Lost Horizon*.