

TRAPS - contd.ELECTRIC TOURNAMENT TRAP - contd.

cycles. Tests are continuing and a second unit is being assembled. The casting vendor has requested minor changes to assist with machining problems and reduce casting porosity.

Since there is a three months delivery date for castings, it is planned to recommend a release for production order just as soon as the pilot test has successfully passed a reasonable figure. This may be accomplished within another week.

Apparently the difficulty experienced during continuous cycling at Bridgeport was the result of a short caused by rainwater on the manual switch contacts. A three- pole switch is being substituted to partially alleviate shorting problems by switching both lines. Waterproofing would be necessary to completely eliminate the problem.

The production motors from Westinghouse apparently do not have the same starting torque as those used on the prototype. If the manual switch is operated so that the trap is shut off during a portion of the cocking cycle, too little torque is available to start. Although this can be covered in the instructions, it is thought a capacitor start motor would be a better solution and this is being considered.

Assembly of the next eight traps will begin within 30 days when the base castings are received.

Design changes have been made to improve ease of servicing.

HANSEN TRAP

Marketing reported that Mr. Hansen visited both Ilion and Bridgeport. Traps have been assembled to our specifications. As soon as the motors and solenoids are received, Hansen will ship the traps.

This appears to be the only outside source for a skeet trap.