Pin #12 on T.V.
10.8 Volt DC

[Diagram of electronic circuit with components labeled]

FIGURE #6

TOLERANCES UNLESS OTHERWISE SPECIFIED
FRACTIONS DEC ANGLES

APPROVALS DATE
MEADOWS GAMES, INC.

DRAWN B.F. 6/18/75

CHECKED

SCALE SIZE DRAWING NO.
A 25-0001

DO NOT SCALE DRAWING SHEET
To replace the blue Bourns pots with the modified Allen Bradley pots, first remove the wires from the joystick control, keeping the two pairs of wires separate. Mark the ones that come off the pot sticking out to the right. These are for the vertical control.

Next, remove the four screws that mount the joystick control unit to the game, and remove the control from the game. Orienting the control like in fig. 1, remove the two screws holding the inner nut mounting and ball assembly (marked blue in the drawing). Slip off the ball assembly and remove the nut holding the pot in place. Refering to figure 2, discard parts 34, 18, 13, 32, and 23. Insert the new pot marked with blue in part #25, as in fig. 3. Fasten snugly in place with washer and nut 22 and 21. Slip on the ball assembly. Repeat with the plain pot.

Reassembling the control unit, the plain pot is mounted first. Rotate the ball all the way from right to left and note that it will travel far enough only when rotated to the left. With the ball rotated all the way to the left, remount on the control base as normal. (fig. 1)

On the blue pot the ball must be rotated to the right. Mount as normal.

When reinstalling the control unit on the game, the plain pot must point to the right. Attach the vertical control wires to the plain pot. Attach the wires to the two straight terminals on each pot. (fig. 1)

Adjust paddle travel as you normally would by turning the pot.