Electrical Adjustments - Check and if necessary adjust the 'non-operating' controls of the receiver and for a clear, symmetrical, centered test pattern on the face of the projection tube. Look down into the top of the projection unit to view the test pattern in the face of the projection tube. USE a test signal from a local TV station and maintain normal picture contrast and brightness during the adjustments. Adjustments of the FOCUS control may be required in some cases to obtain a sharp image with normal brightness and contrast. If the test pattern is viewed at the face of the projection tube in normal operating conditions, the results should be the same as in Step 1 above.

1. Check the vertical dimension of the screen of the receiver. Adjust the HEIGHT and VERTICAL CENTERING controls to exactly fit the vertical dimension of the screen. If the receiver may be viewed from the back side of the viewing screen.

(c) Set the WIDTH and HORIZONTAL CENTERING controls so that the test pat- tern falls and is in the horizontal di- mension of the projection tube face, i.e., the corners of the raster just touch the rim of the projection tube face.

(f) Adjust the FOCUS control for sharp image on the face of the projection tube with the brightness and contrast controls adjusted for a normal picture. To establish the normal brightness and contrast settings, place a TV station known to have the strongest signal in the area and set the brightness, contrast and focus controls on a clear picture. Switch to a TV station of lower power or field strength in your area and observe whether their picture lacks brilliance. If lacking in brilliance advance the brightness control and readjust contrast and focus for a normal picture. Return back to the local TV station and observe whether 'blooming' or 'matting' takes place when the contrast of the transmitted picture changes? In the event of a change, a readjustment of the contrast control will eliminate the 'blooming' and 'matting' and the sensitivity of the convergence controls is properly adjusted for a normal picture on any of the test patterns.

(g) After each slight adjustments of the V and H, switches, check the overall focusing adjustment (F). If necessary, readjust the FOCUS control to obtain the best possible image on the complete test patterns document. The factory cannot accept responsibility for unattended shipments.