

cc: H. J. Waterman
C.H. Morse

Ilion, New York
January 14, 1964

TO: W. E. LEEK
FROM: C. B. WORKMAN

MODEL 600 - RECEIVER CRACK

At your request an investigation into the effect of the cracked bridge between the magazine and fire control cuts was initiated. A strain gage was placed on the weak rail of the receiver and stress readings were taken before and after cutting through the bridge. No significant change in stress level was noted.

	150 grain Stress PSI	110 grain Stress PSI
Before	6,000	5,500
Cut	6,500	5,500 6,000
After	6,000	5,500
Cut	6,000 5,500	5,000 6,000

Ammunition used: Cal. 308, 150 gr. and 110 gr.

CBW:T