The over-ride can be seen in Fig. 5.

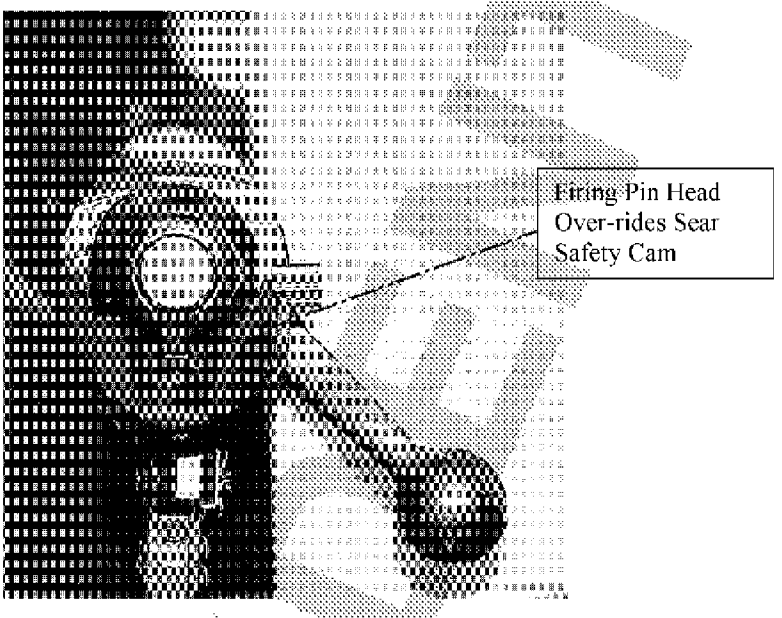


**Fig. 5 – Model 700 Over-ride**

The fourth and final run was made on a M/710. The synthetic insert with fire control components assembled was soaked for 24 hrs. in Birchwood Casey cleaning solvent. Previous solvent testing with various synthetic materials has shown this solvent to be the most aggressive in terms of degrading material properties. This run also resulted in an over-ride of the sear safety cam. The peak load recorded was 377 lbs., right between the other two M/710's tested.

All four force/displacement curves have been plotted on the same scale for comparison purposes. This graph is shown in Fig. 6 on the next page. Although the M/700 is a stiffer system as evidenced by the steeper slope the maximum force required to cause the over-ride is not significantly different.