

Part III. Design Evaluation - New Detent Plunger Spring,
New Angle on Detent Plunger and Safety Lever and
New Safety Button

The final part of this project was to test all of the new components together in one fire control. Three samples were assembled into M/788 rifles and evaluated by dry cycle testing. All samples were tested to 10,000 cycles each with no failures or malfunctions, see Appendix 9. To verify this design, Process Engineering will conduct a Trial and Pilot run. Parts have been ordered and will be assembled into fire controls for this test. See Appendix 10.