

Discussion of Results

As stated earlier a total of three Model 710 fire controls were tested. In all three cases the same barreled action and cut-off test stock was used Engagement on all three samples were checked before testing to ensure they were in specification.

Sample number one was fixtured and tested. Since this was the first sample it was not known what the outcome would be. The force increased to a peak value of about 320 lbs, decreased slightly and then increased to a maximum of 337 lbs at which point the over-ride occurred. The force dropped off sharply after this. The test was stopped at this time. The resulting over-ride condition can be seen in Fig. 3.

