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Discounting the magazine box related problems only one malfunction was observed that was related to the rifle itself giving an overall malfunction rate of 0.17%

3.2.1.3 TLW0010AC – Extended Function & Endurance

The Extended Function/Endurance Test was shot to accomplish two purposes. The first purpose was to determine an estimate of the product's expected malfunction rate over an extended period of shooting.

The second purpose was to determine both the estimated life of individual components as well as the expected life of the entire product as a system. For purposes of definition, a component failure was defined as one that prevented (or potentially could prevent) the firearm from functioning as intended. These are failures that can be fixed relatively easily by the simple replacement of a part such as could be done by the gun owner using only simple household tools.

System failures were defined as failures of a major nature, the extent of which would require specialized tooling or methods to repair not normally available to the average gun owner. Such a repair would be most likely made by a qualified gunsmith or by return to the factory. Examples include broken bolt handles and broken firing pins.

The following table lists, by rifle, rounds shot, malfunctions experienced and occurrences of magazine box problems.

Jan.2001 Design Acceptance Test Remington M/710 Centerfire Rifle;
R & D Technical Center Project No. 241039; TLW 0100
file: F:\Test Reports \Firearms Tests \M710_DAT_REPORT_JAN01_Rev1.doc

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