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Remington Arms Company Inc.
RESEARCH & DEVELOPMENT TECHNICAL CENTER
315 WEST RING ROAD
ELIZABETH TOWN, KY 42701

3.2.1.3 TLW0300AA – Extended Function & Endurance (400 Rounds w/Remington & Competitive Ammunition.)

This test procedure is used to determine an estimate of the products expected rate over an extended period of shooting. Not counting the magazine box bottoms that came off during shooting (12 instances in 4000 rounds), there were a total of 13 malfunctions, 12 stem low and 1 Bolt Over-ride, in 4000 rounds for a malfunction rate of 0.3%. The acceptable malfunction rate for Bolt-Action Centerfire rifles is $\leq 2\%$. It was noted that rifles C-6 through C-10 had difficulty removing the magazine box. Rifles C12 through C-15 had additional clearance machined into the magazine well were noted as not having a problem removing the magazine box throughout the test.

400 Round Extended Function Test Rifles C-6 to C-15, TLW0300AA; 12/20/00

This 400 round Extended Function Test was performed in the Function & Casualty Range using std. Remington Test Jacks. An assortment of Ammunition Types was used without specific order or amount.

Note: Rifles C-11 to C-15 had additional clearance machined into the Magazine Well to improve Magazine removal.

RIFLE NUMBER	SERIAL NUMBER	AMMUNITION TYPE	LOT NUMBER	ROUNDS FIRED	MALFUNCTIONS
C-6	71001683	Rem.R30064, 180 gr. SP	K29G C4214	100	0
		Rem. L30062, 150 gr. MC	M03G B1	100	0
		Fed. P3006Q, 165 gr.	010614X250	100	0
		Rem. R30064, 180 gr. SP	K29G C4214	100	0
Technician:	J. Arnold				
Comments:	Magazine box became very difficult to remove from gun, straightened magazine box 220 rounds into test & continue.				

Jan. '01 Trial & Pilot Test Remington M710 Centerfire Rifle;
R & D Technical Center Project No. 241039; TLW 0300
File: E:\Test Reports\Firearms Tests\710 T&P_3006\M710_T&P_REPORT_JAN01_Rev0.doc

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