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TLW0010

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

## FEEDING MALFUNCTIONS (F.T.E.) BY AMMUNITION TYPE

	TOTAL ROUNDS	TOTAL RIFLE	AVERAGE
RIFLE	SHOT	MALFUNCTIONS	MALFUNCTION RATE
REM R30065 180 GR.	120	1	0.8%
REM R30067 220 GR.	120	0	0.0%
UMC L30062 150 GR.	120	0	0.0%
REM PRT3006B 165 GR.	120	0	0.0%
REM R30063 150 GR.	120	0	0.0%
TOTAL	600	1	0.17%

## MALFUNCTIONS BY TYPE

	TOTAL ROUNDS	TOTAL RIFLE	AVERAGE
MALFUNCTION	SHOT	MALFUNCTIONS	MALFUNCTION RATE
STEM LOW	600	0	0.0%
BOLT OVERRIDE	600	0	0.0%
F.T.E.	600	1	0.2%
TOTAL	600	0	0.17%

To get a quick picture of the product's functional capability from the perspective of the customer, a 100 OR 50 round per rifle shoulder function test was conducted to evaluate the potential for feeding problems. The malfunctions that occur when shooting from the shoulder may be different from those noted in the test jack due to shooter reactions to recoil that can potentially affect round position in the magazine box. The test was conducted in the long range while shooting from a standing position. Twenty (20) rounds (or 10 rounds in some rifles) of each of five (5) different bullet types were shot in each sample rifle.

As can be observed from the tables above, the majority of problems noted during the shoulder test were with the magazine box. The same problems experienced in the jack-shooting test were observed during this test.

Jan.2001 Design Acceptance Test Remington M/710 Centerfire Rifle;  
R & D Technical Center Project No. 241039; TLW 0010  
file: F:\Test Reports \ Firearms Tests \ M710\_DAT\_REPORT\_JAN01\_Rev1.doc

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REV. 1 - 09/24/00 R/SJ/LRM

Subject to Protective Order - Williams v. Remington

BARBER 5.30.06R0001586

ETE00001585