

MODEL 710 BASIC SHOULDER FUNCTION TEST

PROJECT# 241095

TLW 0010AB

8/13/00

Tech. - Jesse Arnold & Bob Lee

GUN	AMMO	ROUNDS	STEM BOLT		BROKEN	MAG. BOX	BOLT STOP
			LOW	OVERRIDE F.T.E.		FALLS APART	FAILURE
B-11	REM R30065 180GR	20		1	3		1
	REM R30067 220GR	20			2		1
	UMC L30062 150GR	20			1		2
	REM PRT3006B 165GR	20				1	1
	REM R30063 150GR	20				1	
B-12	REM R30065 180GR	20			1		
	REM R30067 220GR	20					2
	UMC L30062 150GR	20					
	REM PRT3006B 165GR	20					
	REM R30063 150GR	20					1
B-13	REM R30065 180GR	10					
	REM R30067 220GR	10			1		1
	UMC L30062 150GR	10					
	REM PRT3006B 165GR	10					
	REM R30063 150GR	10					
B-14	REM R30065 180GR	10					
	REM R30067 220GR	10			1		
	UMC L30062 150GR	10					
	REM PRT3006B 165GR	10					
	REM R30063 150GR	10					
B-15	REM R30065 180GR	10					
	REM R30067 220GR	10					
	UMC L30062 150GR	10					
	REM PRT3006B 165GR	10					
	REM R30063 150GR	10					
B-16	REM R30065 180GR	10					
	REM R30067 220GR	10			1		
	UMC L30062 150GR	10					
	REM PRT3006B 165GR	10					
	REM R30063 150GR	10					
B-17	REM R30065 180GR	10					
	REM R30067 220GR	10					
	UMC L30062 150GR	10					
	REM PRT3006B 165GR	10					
	REM R30063 150GR	10					
B-18	REM R30065 180GR	10					
	REM R30067 220GR	10			2		
	UMC L30062 150GR	10					
	REM PRT3006B 165GR	10					
	REM R30063 150GR	10					
B-19	REM R30065 180GR	10					
	REM R30067 220GR	10			1		
	UMC L30062 150GR	10					
	REM PRT3006B 165GR	10					
	REM R30063 150GR	10					
B-20	REM R30065 180GR	10					
	REM R30067 220GR	10					
	UMC L30062 150GR	10					
	REM PRT3006B 165GR	10					
	REM R30063 150GR	10					

GRAND TOTAL 600 0 0 1 13 1 10

OVERALL MALF. RATE= 2.00%

NOTE: Does not include Broken Mag. Boxes (Spot Weld Failure)

OVERALL MALF. RATE= 0.33%

NOTE: Does not include Broken Mag. Boxes (Spot Weld Failure) or Bolt Stop Failure

OVERALL MALF. RATE= 0.17%

NOTE: Only Feeding related malfunctions.

NOTE: BOLT VERY STIFF CLOSING THE BOLT WHEN CHAMBERING A ROUND.
DURING TESTING THERE WERE MANY PROBLEMS WITH THE MAG BOX HOUSINGS COMING APART AT THE SPOT WELD.
SOME OF THE MALFUNCTIONS MAY BE ATTRIBUTED THE MAG BOX ISSUE

FEEDING MALF. BY GUN

GUN	TOTAL RDS. TOTAL AVERAGE		
	SHOT	MALF.	MALF. RATE
B-11	100	1	1.0%
B-12	100	0	0.0%
B-13	50	0	0.0%
B-14	50	0	0.0%
B-15	50	0	0.0%
B-16	50	0	0.0%
B-17	50	0	0.0%
B-18	50	0	0.0%
B-19	50	0	0.0%
B-20	50	0	0.0%
	600	1	0.17%

FEEDING MALF. BY AMMO

AMMO	TOTAL RDS. TOTAL AVERAGE		
	SHOT	MALF.	MALF. RATE
REM R30065 180GR	120	1	0.8%
REM R30067 220GR	120	0	0.0%
UMC L30062 150GR	120	0	0.0%
REM PRT3006B 165GR	120	0	0.0%
REM R30063 150GR	120	0	0.0%
	600	1	0.17%

MALFUNCTIONS BY TYPE

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

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