

Report No. 81244

M-700 TRIGGER / SEAR BLOCK EVALUATION

No. 5

R. Williams

Aug. 31, 1982

	M-700	6MMCAL #6747525	HEADSPACE	FIRING		SAFE (lbs)	TRIGGER Pull (lbs)	SEAR LIFT	SEAR ENGAGEMENT
				PIN	INDENT				
		CONTROL GUN				ON OFF			
1		START OF TEST	MINT+003	.025	5.2	5.2	4.2	.019	.020
2		LIVE FIRE							
3		after 1,000 rds.	MINT+003	.025	5.5	5.2	4.0		
4		DRY CYCLE							
5		500 cyc.			6.3	7.6			
6		1000 cyc.			5.6	8.3			
7		1500 cyc.			5.8	7.8			
8		2000 cyc.			6.1	8.5			
9		2500 cyc.			5.1	8.3		.021	.0205
10		LIVE FIRE							
11		after 2,000 rds.	MINT+003	.025	5.5	5.1	4.5	.020	.020
12		DRY CYCLE							
13		3000 cyc.			6.6	8.1			
14		3500 cyc.			6.8	8.1			
15		4000 cyc.			6.1	7.6			
16		4500 cyc.			6.1	7.3			
17		5000 cyc.			6.0	6.5		.020	.020
18		LIVE FIRE							
19		after 2,500 rds. HL.	MINT+003	.025	5.1	4.8	5.1		
20		DRY CYCLE							
21		5500 cyc.			6.1	8.0	4.7		
22		6000 cyc.			6.1	8.0	4.6		
23		6500 cyc.			7.0	8.5	4.6		
24		7000 cyc.			6.8	8.1	4.7		
25		7500 cyc.			6.3	7.6	4.8		