

TABLE I
RESULTS OF
200 GUN - M/742 GALLERY
PERFORMANCE TEST, NOV..1968

I. M/742 GALLERY REJECTS - POWER ONLY

<u>TEFLON</u>					<u>STANDARD PRODUCTION</u>			
<u>Cal.</u>	<u>Num. Tested</u>	<u>Num. Rejected</u>	<u>% Passed</u>	<u>% Rejected</u>	<u>Num. Tested</u>	<u>Num. Rejected</u>	<u>% Passed</u>	<u>% Rejected</u>
30-06	49	3	93.9%	6.1%	49	11	77.6%	22.4%
243	45	1	97.8%	2.2%	50	30	40.0%	60.0%
Total	94	4	95.7%	4.3%	99	41	58.6%	41.4%

II. TEST SHOTS

	<u>Teflon</u>		<u>Standard Production</u>	
	<u>30-06</u>	<u>243 Cal.</u>	<u>30-06</u>	<u>243 Cal.</u>
Rounds	686	651	796	768
Rounds/Guns Tested	14.0	14.5	16.2	15.8
Rounds/Guns Passed	14.9	14.8	20.9	41.5
<u>Total</u>				
Rounds	1337		1584	
Rounds/Guns Tested	14.2		16.0	
Rounds/Guns Passed	14.9		27.8	

III. ACCEPTANCE RATE DIFFERENTIAL (95% CONFID.)

(a) Teflon vs. Standard Production - 30-06	16.3%	±	13.5%
- 243 Cal.	57.8%	±	14.3%
- All Guns	37.1%	±	10.6%
(b) 30-06 vs. 243 Cal.			
- Teflon	3.9%	±	8.0%
- Standard Production	37.6%	±	17.8%

IV. RETEST - GUNS REJECTED FROM ITEM I AND REPAIRED

<u>Cal.</u>	<u>Num. Tested</u>	<u>Num. Rejected</u>	<u>% Rejected</u>	<u>Num. Tested</u>	<u>Num. Rejected</u>	<u>% Rejected</u>
30-06	3	0	0	11	3	27
243	1	0	0	30	23	77
Total	4	0	0	41	26	63