

REMINGTON ARMS COMPANY, INC. -
ENGINEERING DEPARTMENT 13 COMPLETION SHEET

SHEET NO.

TITLE OF PROJ. M700 POWDER METAL SEAR TEST
SUBJECT DRY CYCLE TEST SUMMARY
OR RESULT AVERAGES

NUMBER	139457	139555	139413	139609	139312	139298	MARKSHEET
RE DRY	PM.W/BURR	PM.W/BURR	PM.W/BURR	PM.W/BURR	PM.W/BURR	PM.W/BURR	SAMPLE
CYCLES	AVE. TRIG. PAUL	AVE. TRIG. PAUL	AVE. TRIG. PAUL	AVE. TRIG. PAUL	AVE. TRIG. PAUL	AVE. TRIG. PAUL	SIZE
0	6.25	6.48	6.00	4.90	3.35	5.08	10
100	5.83	6.18	6.05	5.62	3.18	5.60	10
200	5.55	6.70	6.55	6.43	3.05	7.53	10
300	5.13	6.00	6.88	5.93	3.13	6.53	10
400	6.50	7.10	6.18	6.45	3.08	6.58	10
500	5.28	6.68	6.18	6.28	3.28	6.98	10
1000	5.58	7.05	5.63	6.90	3.13	7.08	10
1500	5.28	7.58	6.08	6.60	3.35	5.28	10
2000	5.25	7.95	6.35	7.55	3.60	7.35	5
2500	5.30	7.60	7.40	8.92	4.42	7.95	5
3000	5.45	6.75	6.40	6.90	4.15	8.80	5
4000	5.75	6.80	6.31	7.00	4.62	7.31	5
5000	6.31	7.31	6.44	5.91	5.64	7.00	5
5000*	5.95	6.75	6.60	5.30	3.05	5.60	5
CYCLES	AVE. INDENT	AVE. INDENT	AVE. INDENT	AVE. INDENT	AVE. INDENT	AVE. INDENT	SAMPLE
0	0.180	0.180	0.169	0.179	0.182	0.184	10
100	0.181	0.185	0.177	0.185	0.185	0.182	10
200	0.181	0.186	0.174	0.186	0.181	0.184	10
300	0.186	0.186	0.174	0.184	0.186	0.189	10
400	0.190	0.187	0.178	0.187	0.186	0.179	10
500	0.182	0.188	0.175	0.189	0.180	0.187	10
1000	0.183	0.188	0.179	0.187	0.183	0.191	10
1500	0.191	0.189	0.182	0.189	0.185	0.184	10
2000	0.192	0.186	0.176	0.191	0.184	0.191	5
2500	0.197	0.192	0.182	0.187	0.186	0.185	5
3000	0.197	0.192	0.187	0.191	0.186	0.188	5
4000	0.199	0.186	0.173	0.186	0.184	0.185	5
5000	0.194	0.187	0.182	0.187	0.184	0.183	5
5000*	0.194	0.186	0.186	0.187	0.184	0.186	5

* AFTER INSPECTION OF P.M. SEAR BY PAUL GOODE AS
PER SHEET NUMBER 14.

REMINGTON ARMS COMPANY, INC.

ENGINEERING DEPARTMENT COMPUTATION SHEET

TITLE OF PROJ. **M700 POWDER METAL SEAR TEST**
 SUBJECT **DRY CYCLE TEST SUMMARY OF**
 RESULT **AVERAGES:**

NUMBER	13945.7	13955.5	139412	139609	139312	139298	MEASURE
OF DRY	PM-4/BARR	PM-4/BARR	PM-4/BARR	PM-4/BARR	PM-4/BARR	PM-4/BARR	SAMPLE
CYCLES	ONE TRIG. Pull	ONE TRIG. Pull	ONE TRIG. Pull	ONE TRIG. Pull	ONE TRIG. Pull	ONE TRIG. Pull	SIDE
6000	6.35	6.10	7.65	8.05	4.55	7.30	5
7000	6.80	7.05	8.15	8.50	4.55	9.70 X	5
8000	6.55	6.84	8.75 X	8.65	8.35 X	7.20	5
9000	6.75	8.25 X	8.60	8.70 X	9.85 X	5.95	5
10000	6.75 X	7.20	8.30	6.60	6.65	9.20	5
CYCLES	Avg. 1st Dry	Avg. 1st Dry	Avg. 1st Dry	Avg. 1st Dry	Avg. 1st Dry	Avg. 1st Dry	SAMPLE
6000	0.20	0.189	0.183	0.177	0.192	0.189	5
7000	0.193	0.178	0.183	0.179	0.186	0.180	5
8000	0.198	0.192	0.189	0.191	0.181	0.189	5
9000	0.193	0.188	0.185	0.187	0.182	0.182	5
10000	0.190	0.187	0.184	0.185	0.187	0.189	5
NO. OF DRY	MAX-MIN	MAX-MIN	MAX-MIN	MAX-MIN	MAX-MIN	MAX-MIN	SAMPLE
CYCLES	TRIG. Pull	TRIG. Pull	TRIG. Pull	TRIG. Pull	TRIG. Pull	TRIG. Pull	SIDE
0	5.75-6.75	5.5-7.25	5.5-7.0	4.0-5.75	3.25-3.50	4.75-5.25	10
100	5.50-6.50	5.5-7.00	5.75-6.5	5.25-6.25	3.00-4.00	5.50-5.75	10
200	5.25-6.00	6.25-7.25	5.75-7.5	5.25-7.00	3.00-3.25	6.75-8.25	10
300	4.75-5.50	5.50-6.50	5.50-6.25	5.50-6.50	3.00-3.25	6.00-7.00	10
400	5.00-6.25	6.50-8.00	6.00-6.80	5.25-8.00	3.00-3.25	6.00-7.25	10
500	5.00-5.50	5.75-7.50	5.50-6.75	6.00-7.50	3.00-3.50	6.50-7.50	10
1000	5.25-6.00	6.75-7.75	5.25-6.00	6.50-7.75	3.00-3.25	6.50-8.50	10
1500	5.00-5.12	8.25-8.25	5.75-6.25	5.75-8.00	3.25-3.50	5.00-5.50	10
2000	6.00-5.50	7.25-8.75	6.00-7.00	7.25-8.25	3.50-3.75	6.25-8.75	5
2500	4.75-5.50	7.25-7.75	7.00-8.00	8.00-9.50	4.25-4.50	7.50-8.25	5
3000	5.25-5.50	6.50-7.00	6.00-7.00	4.75-8.25	4.00-4.25	8.00-9.25	5
4000	5.50-6.00	6.25-6.75	6.00-6.50	5.75-8.00	4.25-4.50	6.50-8.00	5
5000	6.00-6.25	7.00-7.50	6.00-6.75	5.00-6.25	5.25-6.00	6.00-7.25	5
5000	5.50-6.50	6.25-7.25	6.00-7.25	4.50-6.50	3.00-3.25	5.50-6.00	5
6000	6.25-6.50	6.00-6.25	7.50-8.00	7.25-8.50	4.25-4.75	6.75-7.75	5
7000	6.25-7.00	6.75-7.50	7.25-9.00	8.00-9.25	4.25-5.00	9.25-10.00	5
8000	5.50-7.00	5.75-7.50	8.00-9.50	8.00-9.00	7.50-9.25	6.50-8.00	5
9000	6.00-6.50	7.50-8.50	8.50-9.75	8.00-9.00	9.75-10.00	5.50-6.50	5
10000	6.00-7.00	7.00-7.00	7.00-8.00	6.00-7.00	7.00-7.00	7.00-7.00	5