

C6522228

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Arms Services Repair & Estimate System

File
Add Repair
Estimate Repair
Expedite Repair
Inquiry
Repair Tools
CSR Tools
Reports
Table Maintenance
System Maintenance
Help

Repair Inquiry

Repair Number: RE00149810
Verify Repair

Serial: C6522228 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:
Status: Closed 8/25/2008 9:52:21 AM

Address Information

Customer:
Name: CAMP ROBERTS MATES
Address 1: EAST GARRISON BLDG 25021
Address 2: ATTN: CW4 KEISTER
City: SAN MIGUEL
State: CA Zip Code: 93451 Country: US

Received From:
Return To: CAMP ROBERTS MATES
Address 1: EAST GARRISON BLDG 25021
Address 2: ATTN: CW4 KEISTER
City: SAN MIGUEL
State: CA Zip Code: 93451 Country: US

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Received Condition

Accessories Received

Phone: NN
Fax:
Email:
Comments:

Condition: Fair
Condition Notes:
CSR Notes:

Code	Desc	Qty
A007	With Stud	3
A008	With Swivel	2
A017	Scope Base	1
A057	Fit and Rear Sgt Base	1

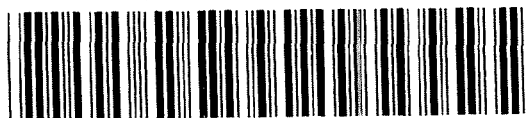
Repair Search

Refresh

Close

naglej 8/25/2008 10:26 AM CAPS NUM INS SCPL

start 13 Micro... Yanuk's E... 5 Micros... Part Sear... Arms Ser... 10:26 AM

Serial Number: **C6522228**
Model: **M24 SWS**

RE00149810

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

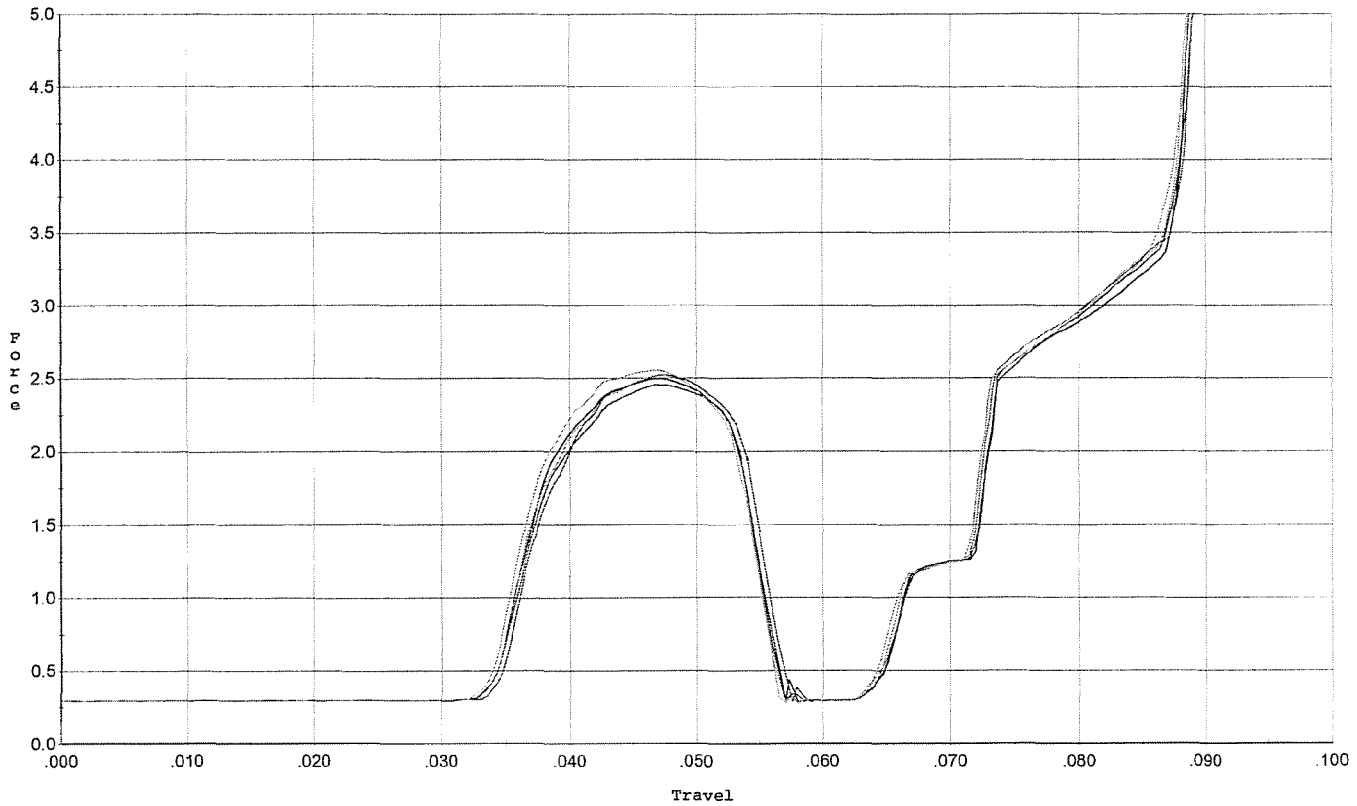
R & E NUMBER 148810
SERIAL NUMBER C6522228
LOG-IN DATE 8-25-08

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN			
505	RE-BARREL			
560	ASSEMBLE	Clean & EVALUATE	9-16-08	RTZ
600	PROOF			
605	CHECK HEADSPACE			
610	DIS-ASSEMBLE GUN			
612	MAGNAFLUX			
510	DRILL AND TAP			
615	ROLLMARK CALIBER			
618	ROTO-BLAST			
620	APPLY COATINGS			
625	FINAL ASSEMBLY			
640	FUNCTION TEST AND	<u>PASS</u> FAIL	9-20-08	TRW
650	TARGET 2-10 shot gr.	<u>PASS</u> FAIL	9-20-08	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		9-20-08	TRW
	A) HEADSPACE	<u>PASS</u> FAIL	9-23-08	TRW
	B) TRIGGER PULL	2.42 2.33 2.30 2.23 2.23	9-23-08	TRW
680	F) SAFETY ON FORCE	2 2 2	9-23-08	TRW
	G) SAFETY OFF FORCE	3.5 3.5 3.5	9-23-08	TRW
	I) FIRING PIN INDENT	.022 .022 .022	9-23-08	TRW
690	PACK		9-24-08	FM

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 9/8/08

Model: M/24
 Serial No: Form #F005
 Trigger: 2.5 lbs. ini. +/- .50 lbs.



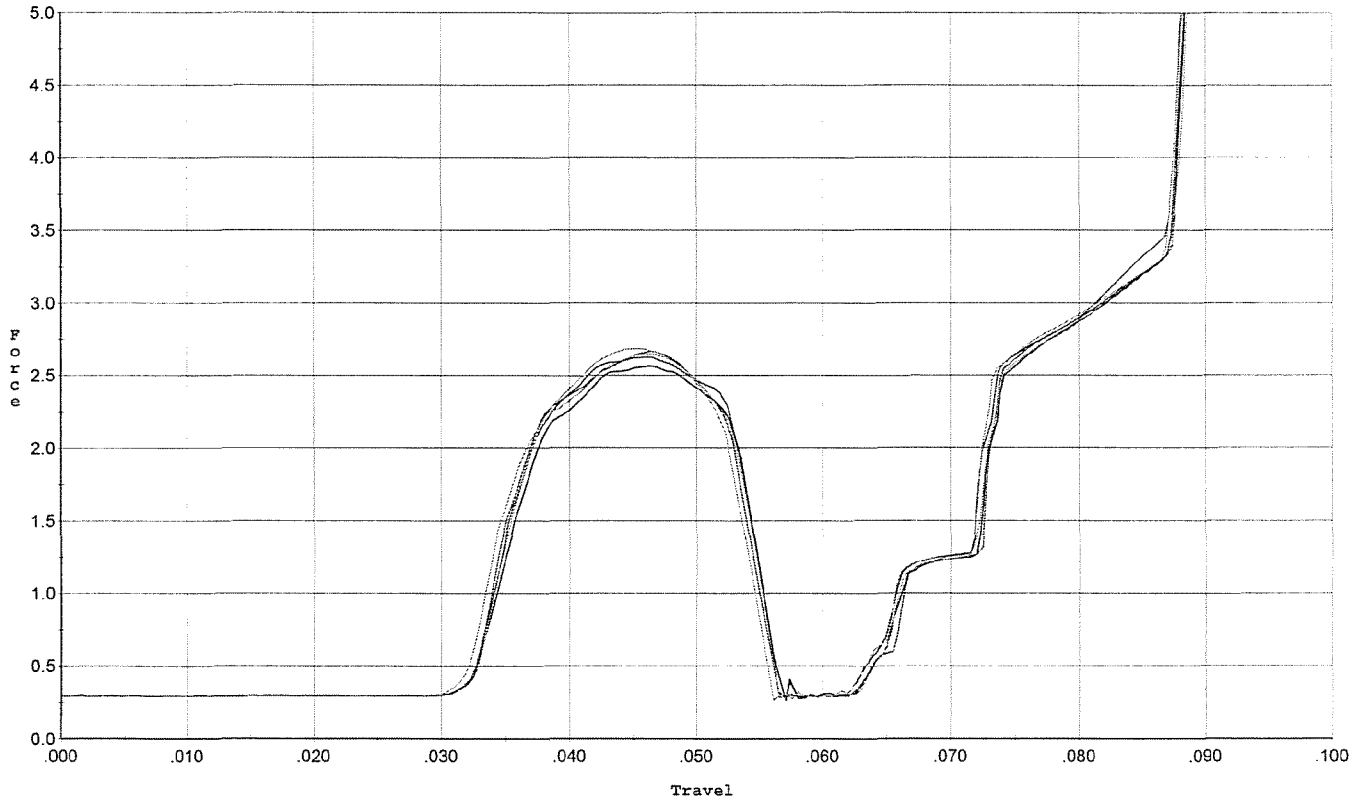
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.456	0.053	0.034	0.040	0.050		Set Trigger
2	2.498	0.054	0.034	0.039	0.051		Set Trigger
3	2.522	0.054	0.035	0.039	0.051		Set Trigger
4	2.557	0.054	0.034	0.039	0.053		Set Trigger
5	2.523	0.054	0.034	0.039	0.051		Set Trigger

Avg 2.51

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/8/08

Model: M/24
Serial No: Form #F005
Trigger: 2.5 lbs. after 50 cycles +/- .50 lbs.



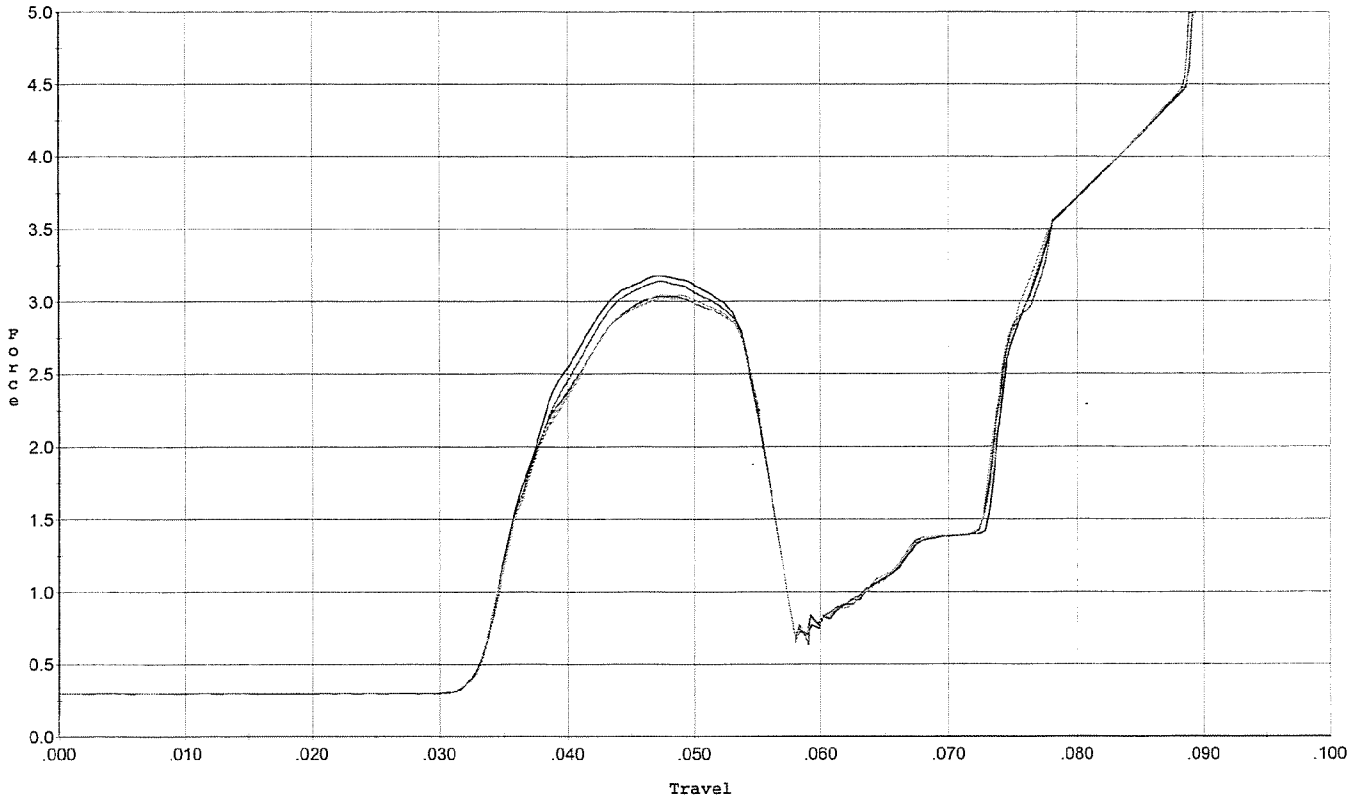
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.627	0.054	0.033	0.039	0.056		Set Trigger
2	2.564	0.054	0.033	0.039	0.054		Set Trigger
3	2.667	0.053	0.033	0.039	0.055		Set Trigger
4	2.647	0.054	0.033	0.039	0.056		Set Trigger
5	2.686	0.054	0.032	0.039	0.057		Set Trigger

AVG 2.63

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putsch 9/8/08

Model: M/24
Serial No: Form #F005
Trigger: 3.0 lbs. ini. +/- .75 lbs.



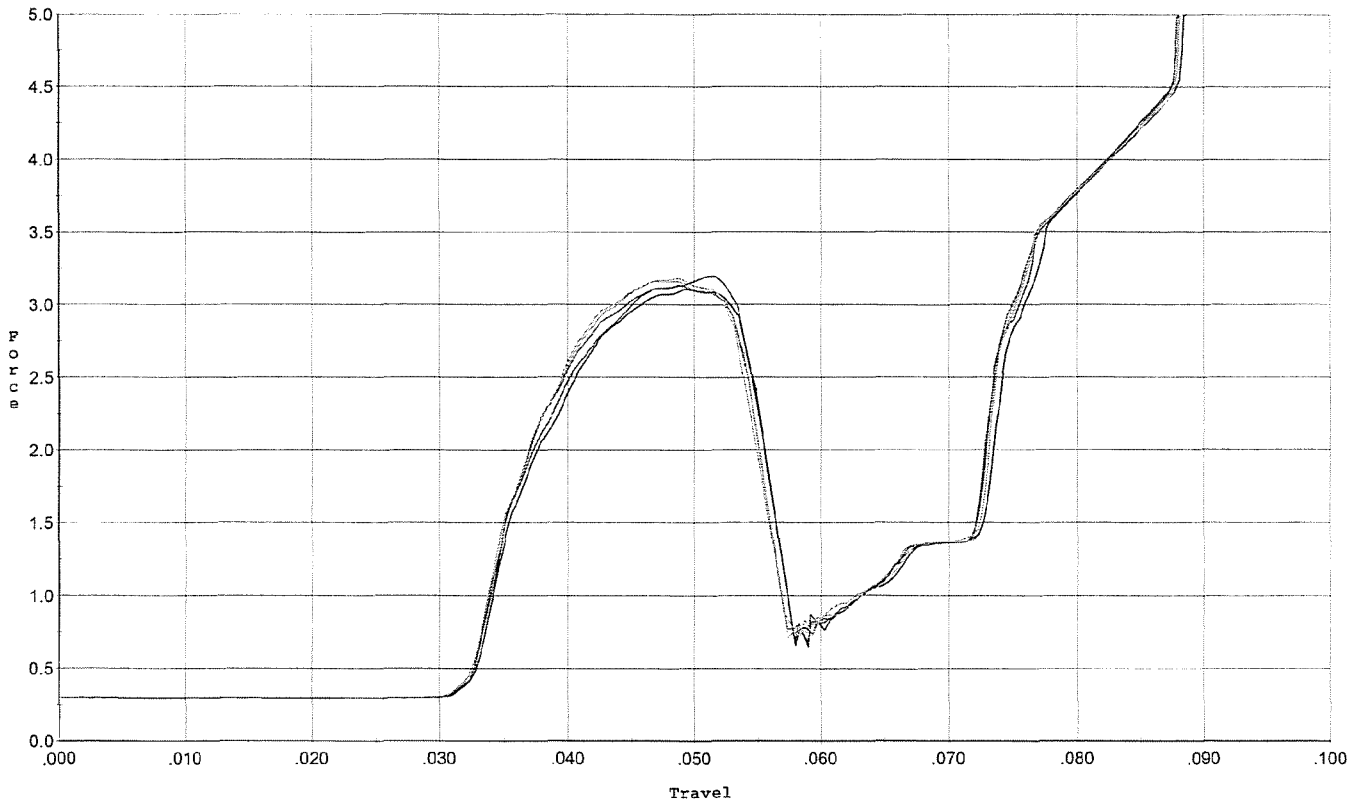
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.036	0.055	0.033	0.038	0.064		Set Trigger
2	3.176	0.055	0.033	0.037	0.066		Set Trigger
3	3.140	0.055	0.033	0.038	0.066		Set Trigger
4	3.021	0.055	0.033	0.038	0.064		Set Trigger
5	3.047	0.055	0.033	0.038	0.064		Set Trigger

Avg 3.08

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/8/08

Model: M/24
Serial No: Form #F005
Trigger: 3.0 lbs. after 20 cycles +/- .75 lbs.



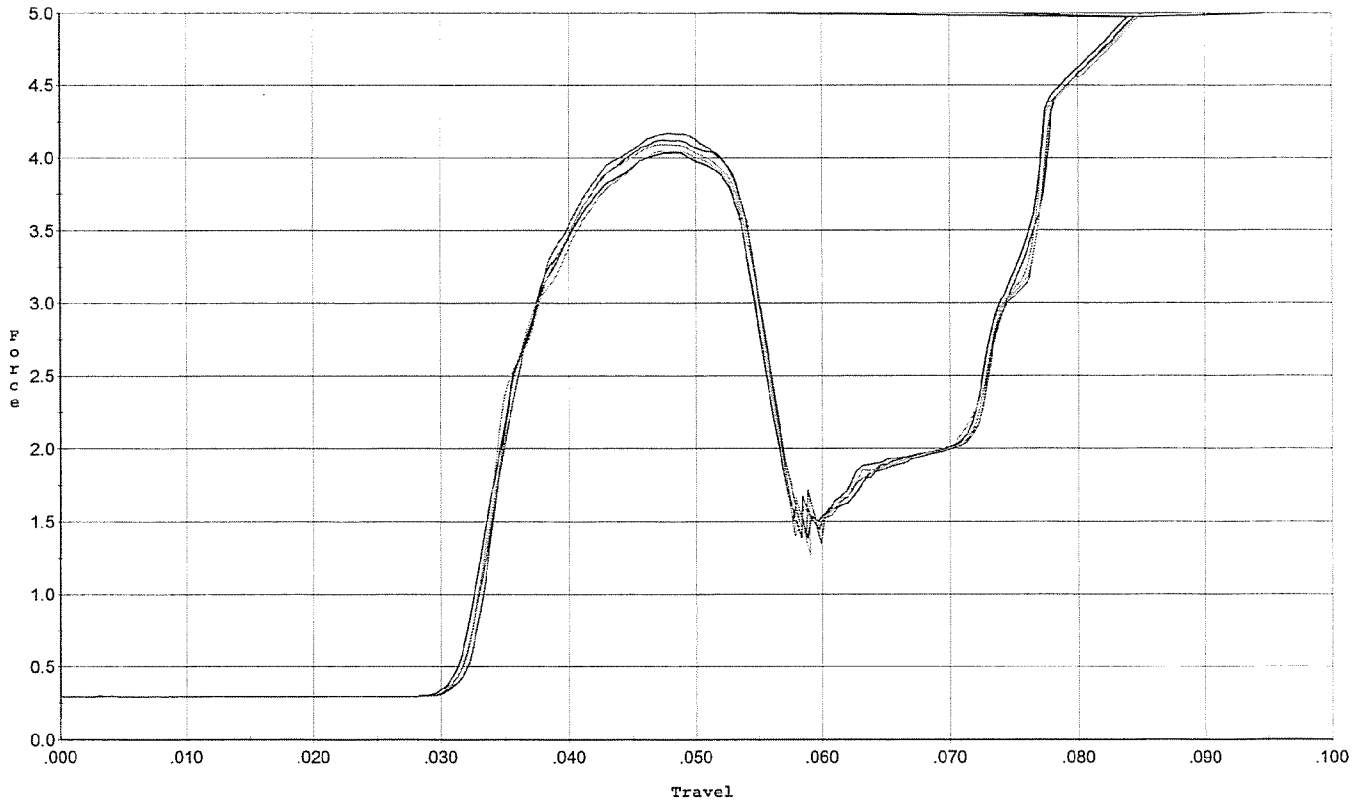
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.199	0.055	0.033	0.037	0.067		Set Trigger
2	3.109	0.055	0.033	0.037	0.065		Set Trigger
3	3.134	0.054	0.033	0.037	0.065		Set Trigger
4	3.182	0.054	0.032	0.037	0.066		Set Trigger
5	3.160	0.055	0.032	0.037	0.067		Set Trigger

Avg 3.15

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/8/08

Model: M/24
Serial No: Form #F005
Trigger: 4.0 lbs. ini. +/- 1.0 lbs.



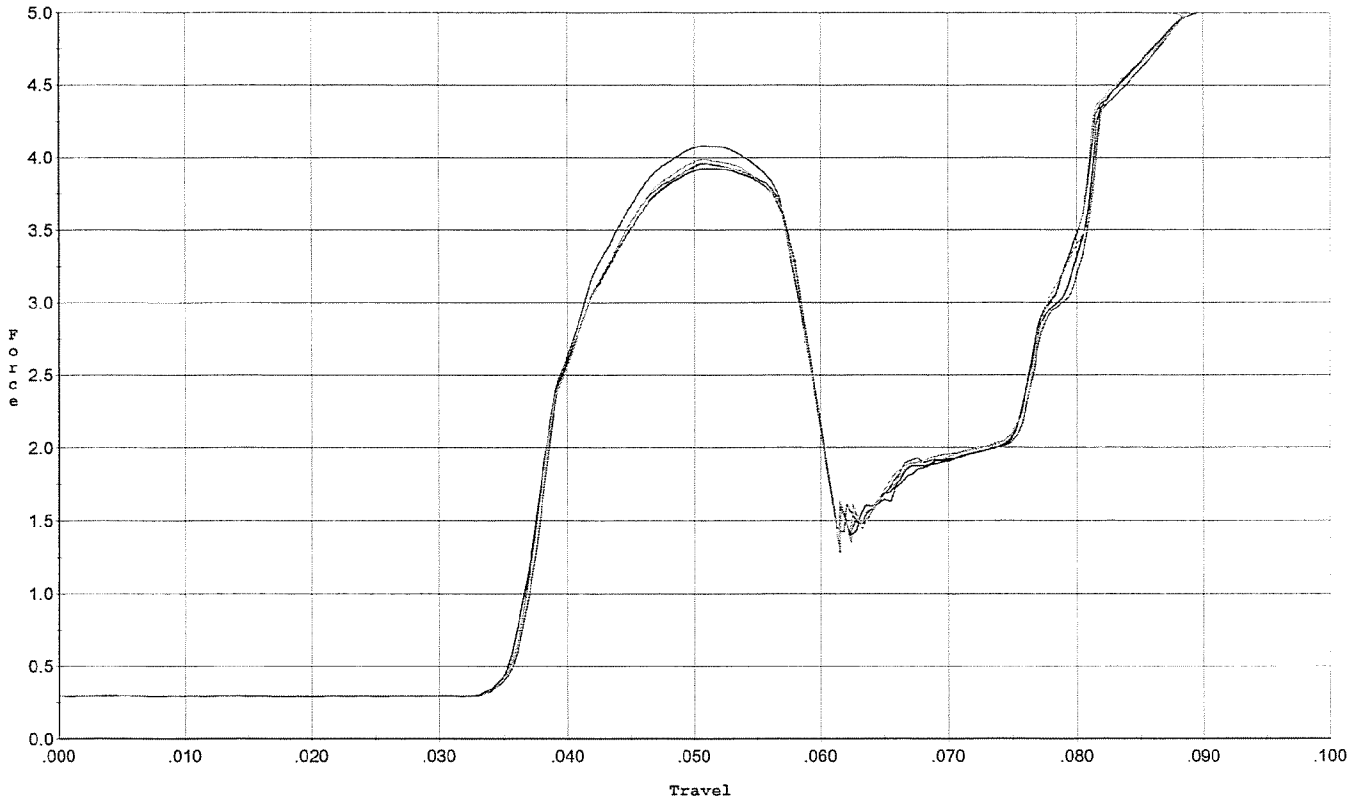
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.122	0.054	0.032	0.035	0.085		Set Trigger
2	4.036	0.054	0.031	0.035	0.084		Set Trigger
3	4.167	0.054	0.031	0.035	0.086		Set Trigger
4	4.092	0.055	0.031	0.035	0.086		Set Trigger
5	4.046	0.055	0.032	0.035	0.087		Set Trigger

Avg 4.09

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/8/08

Model: M/24
Serial No: Form #F005
Trigger: 4.0 lbs. after 20 cycles +/- 1.0 lbs.



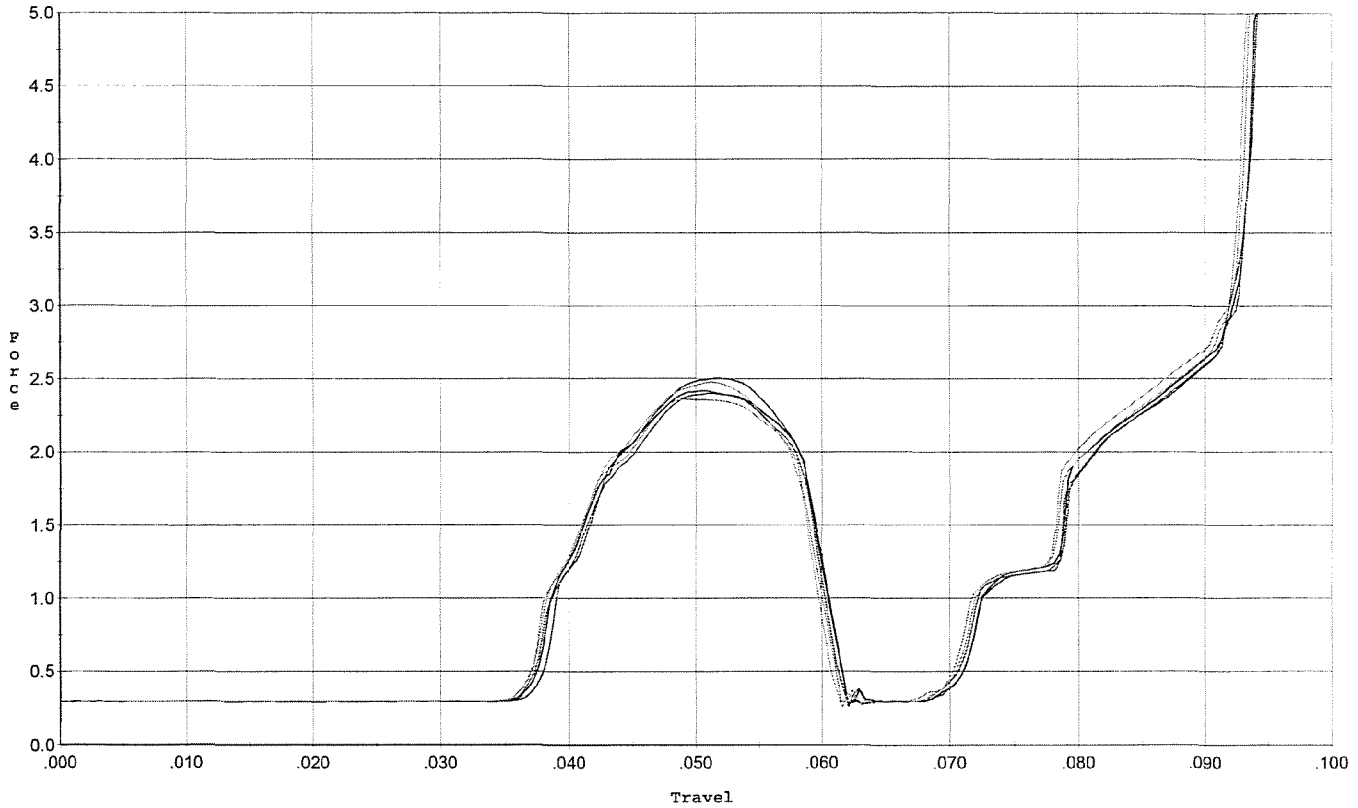
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.082	0.058	0.035	0.037	0.087		Set Trigger
2	3.923	0.059	0.035	0.037	0.085		Set Trigger
3	3.958	0.058	0.036	0.037	0.084		Set Trigger
4	3.988	0.058	0.035	0.037	0.085		Set Trigger
5	3.955	0.059	0.035	0.037	0.085		Set Trigger

Avg 3.98

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putsch 9/8/08

Model: M/24
Serial No: Form #F005
Trigger: reset to 2.5 lbs. +/- .50 lbs. for final test



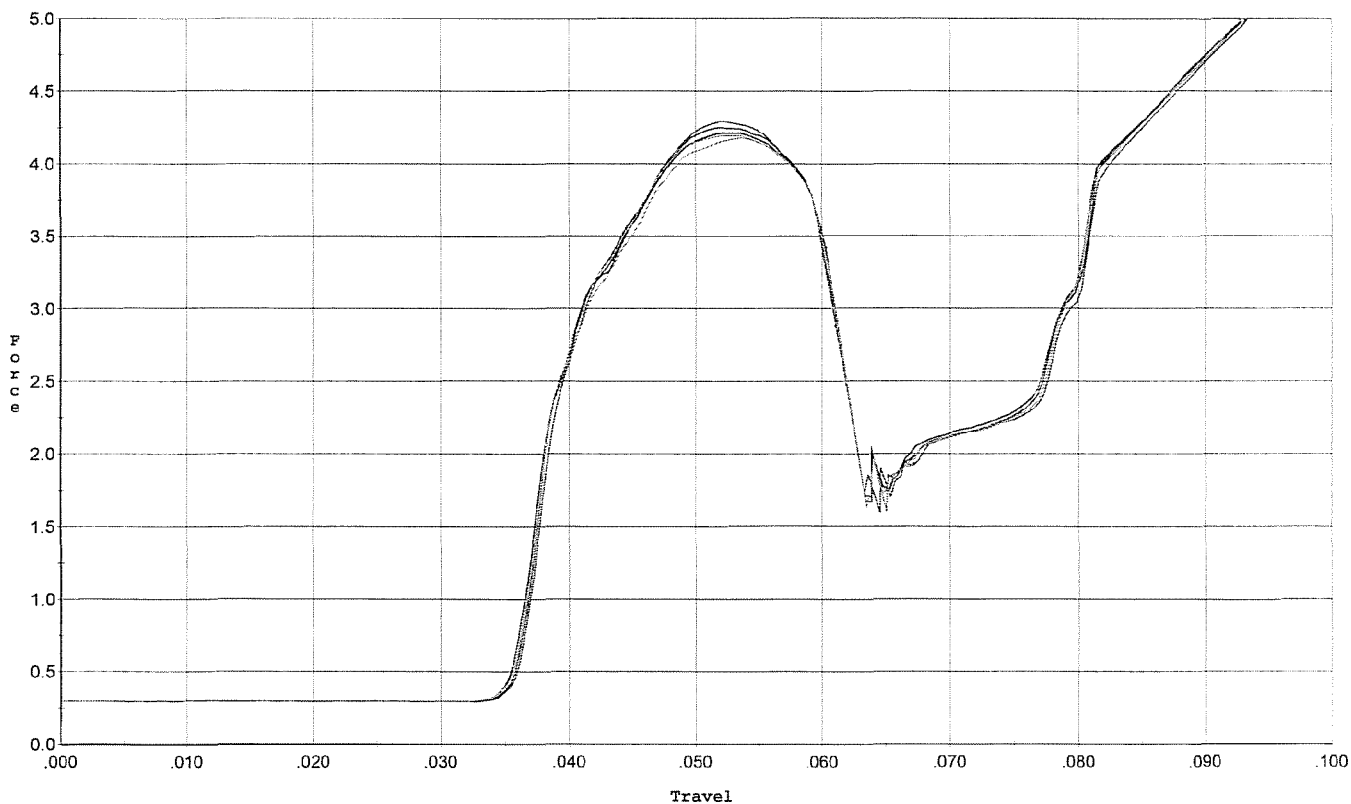
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.507	0.060	0.038	0.041	0.056		Set Trigger
2	2.418	0.059	0.037	0.040	0.054		Set Trigger
3	2.401	0.059	0.037	0.041	0.053		Set Trigger
4	2.478	0.058	0.037	0.040	0.054		Set Trigger
5	2.362	0.060	0.037	0.040	0.054		Set Trigger

Avg 2.43

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/8/08

Model: M/24
Serial No: Form #F005
Trigger: set to 4.0 lbs. +/- 1.0 lbs. for target & accuracy



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.251	0.061	0.035	0.036	0.099		Set Trigger
2	4.214	0.061	0.036	0.036	0.097		Set Trigger
3	4.293	0.060	0.036	0.037	0.097		Set Trigger
4	4.182	0.060	0.036	0.036	0.096		Set Trigger
5	4.196	0.061	0.035	0.036	0.098		Set Trigger

AVG 4.22

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522228.__1
FILE DATE AND TIME: 09/22/2008 05:45

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

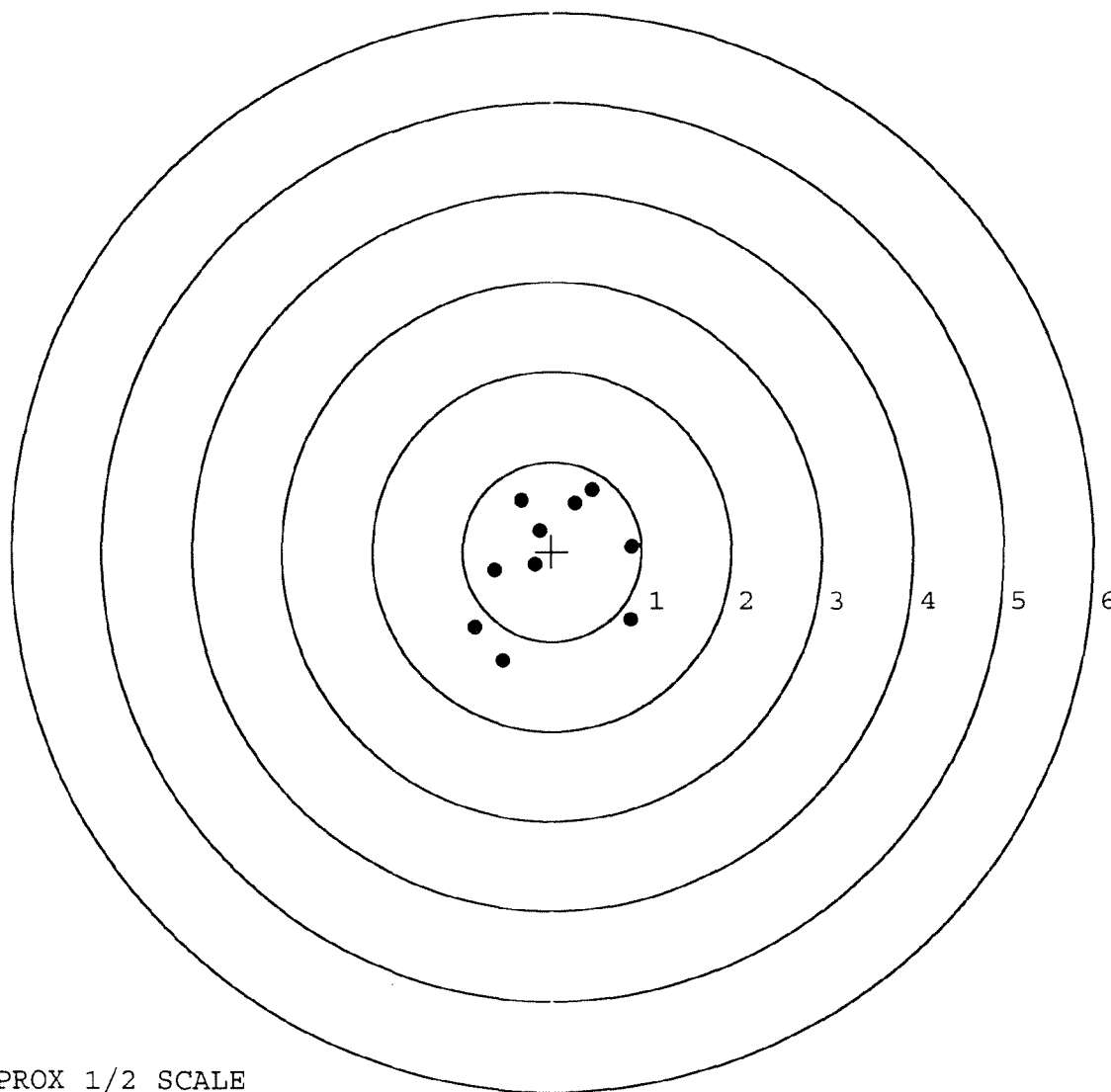
ERROR - NOT POSSIBLE TO REPORT SWS STATS ON DATA
WHERE TOTAL TARGETS ARE NOT EQUAL TO FIVE

AVE. MEAN .7235

SERIAL NUMBER: C6522228.___1
TARGET NUMBER: 1
FILE DATE: 09/22/2008
FILE TIME: 05:45

X CENTROID: -0.026
Y CENTROID: -0.113
POA TO CENTROID: 0.116
HORZ SPREAD: 1.753
VERT SPREAD: 1.895
GROUP SPREAD: 2.144
MIN RADIUS: 0.166
MAX RADIUS: 1.220
MEAN RADIUS: 0.792
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.877	-0.764
2:	0.887	0.056
3:	0.257	0.535
4:	0.452	0.681
5:	-0.145	0.231
6:	-0.187	-0.153
7:	-0.642	-0.220
8:	-0.343	0.570
9:	-0.866	-0.850
10:	-0.551	-1.214

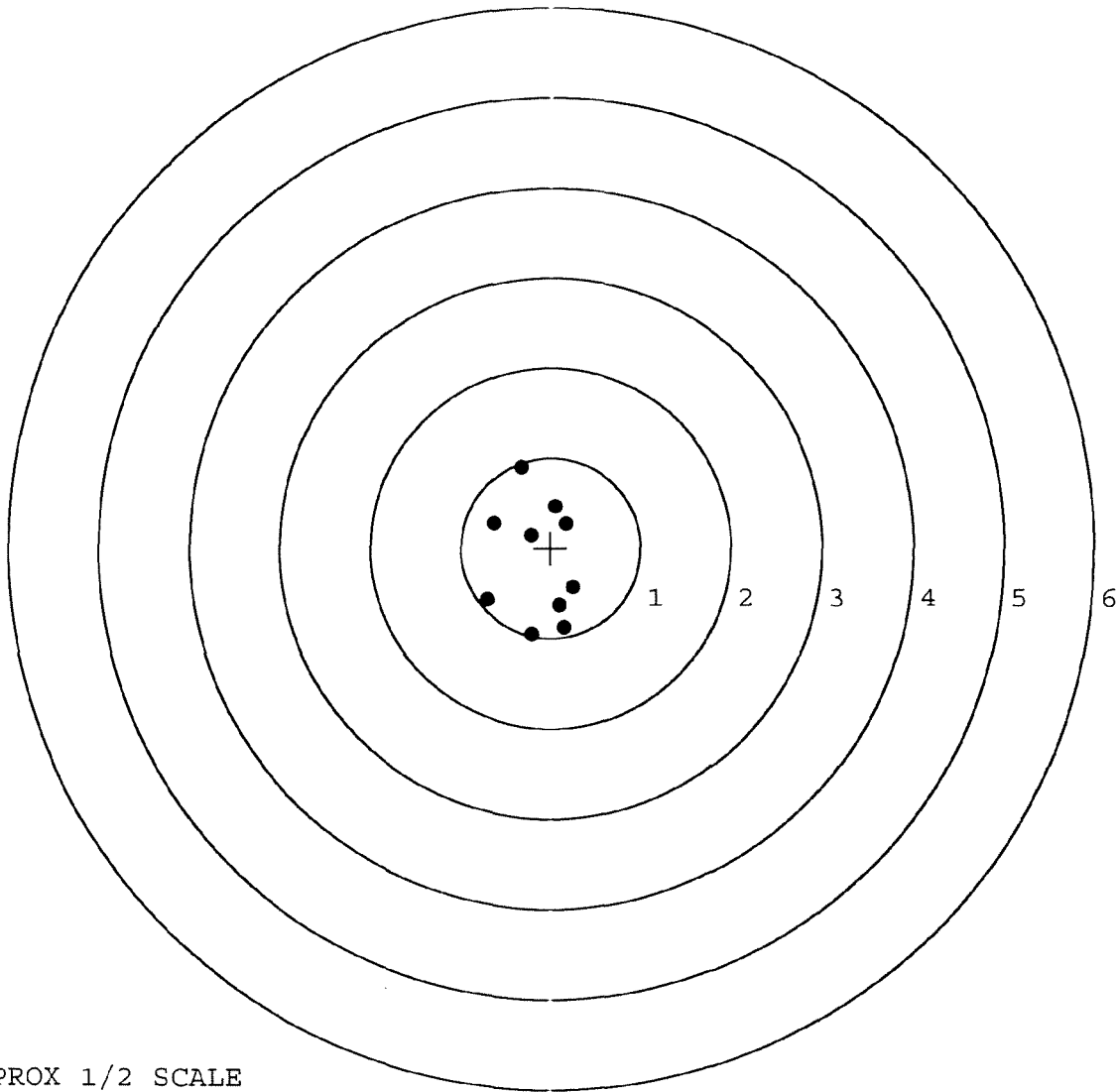


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522228. __1
TARGET NUMBER: 2
FILE DATE: 09/22/2008
FILE TIME: 05:45

POINT#	X	Y
1:	0.148	-0.892
2:	0.095	-0.641
3:	0.249	-0.440
4:	-0.215	-0.965
5:	-0.708	-0.585
6:	-0.223	0.145
7:	0.173	0.267
8:	0.049	0.465
9:	-0.639	0.273
10:	-0.331	0.895

X CENTROID: -0.140
Y CENTROID: -0.148
POA TO CENTROID: 0.204
HORZ SPREAD: 0.957
VERT SPREAD: 1.860
GROUP SPREAD: 1.864
MIN RADIUS: 0.304
MAX RADIUS: 1.060
MEAN RADIUS: 0.655
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

Repair Inquiry

Repair Number: RE00123774

Verify Repair

Serial: 8522228 Model M24 SWS Center Fire
Caliber: 308

Repairman:

Status: Closed 1/17/2007 9:23:19 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: CO A(-) 5TH BN 19TH SFG(A)

CO A(-) 5TH BN 19TH SFG(A)

Address 1: ATTN: SSG DONAT (SUPPLY)

ATTN: SSG DONAT (SUPPLY)

Address 2: 4203 SARATOGA AVE SUITE

PO Box:

4203 SARATOGA AVE SUITE

PO Box:

City: JFTB LOS ALAMITOS

JFTB LOS ALAMITOS

State: CA

Zip Code: 90720

Country: US

State: CA

Zip Code: 90720

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NA

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A006	Sling Strap	1
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	3
A026	Scope	1
A045	Bi Pod	1
D000	SCOPE CASE	1

Repair Search

Refresh

Close

nagletj

1/17/2007

10:10 AM

C&PS

NUM

INS

SCRL

Serial Number: C6522228

Model: M24 SWS

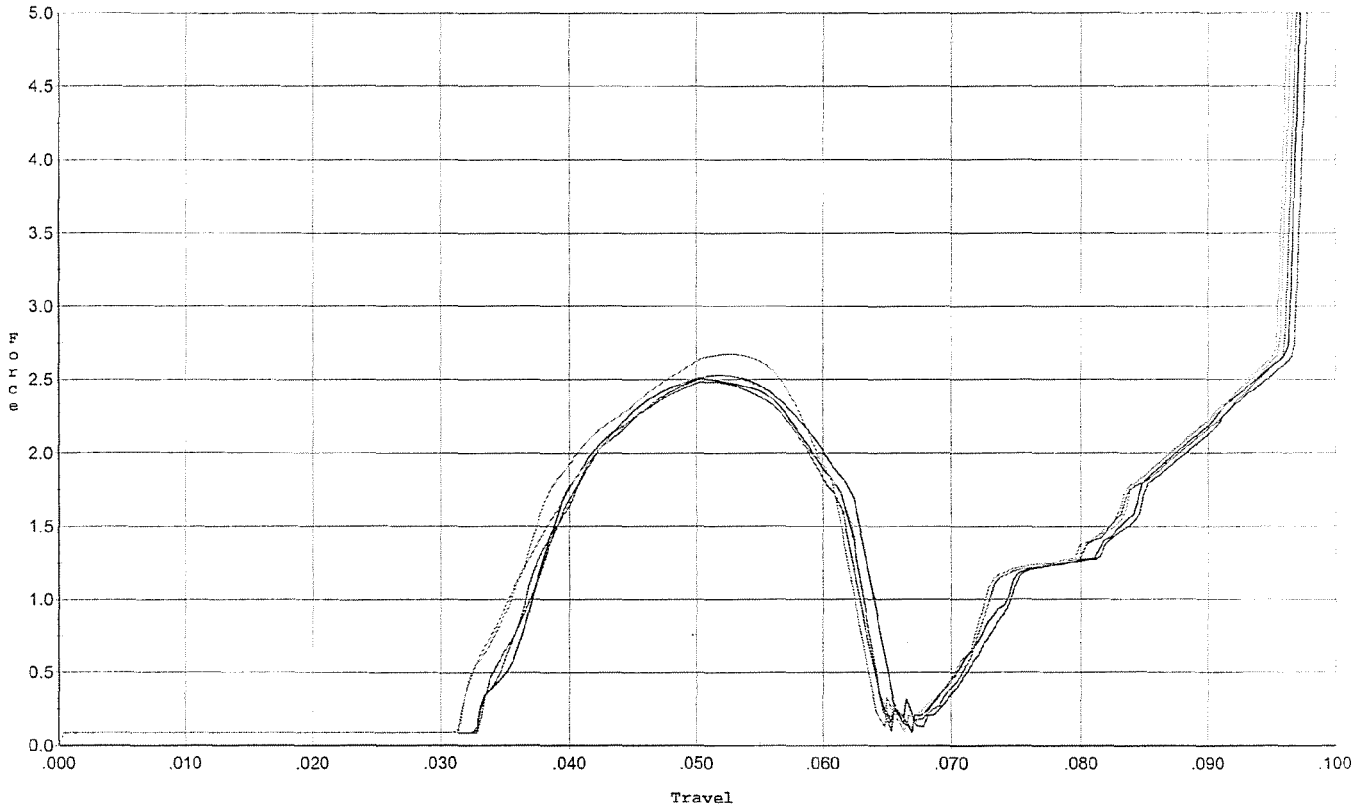


RE00123774

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 1/03/07

Model: M/24
Serial No: Form #F005
Trigger: 2.5 lbs. ini. +/- .50 lbs.



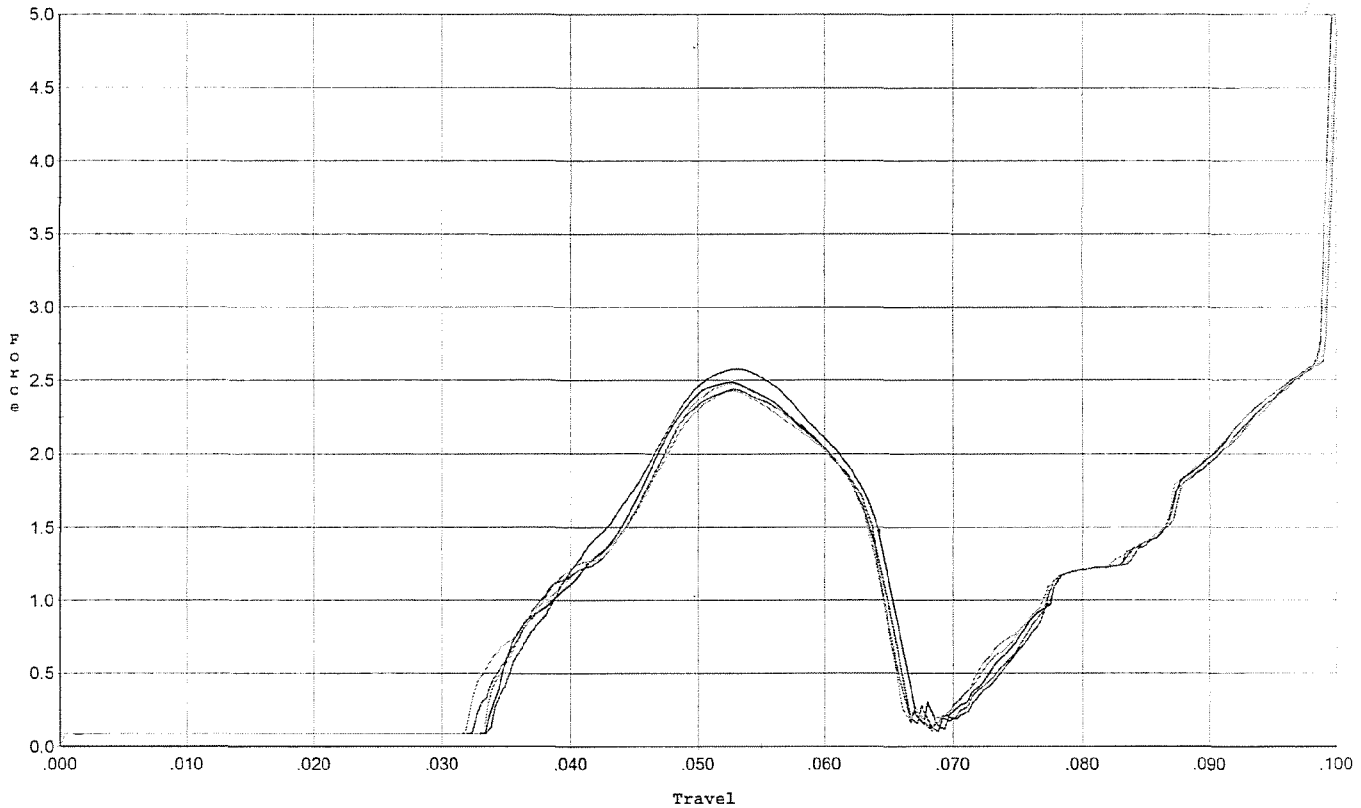
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.532	0.064	0.033	0.040	0.061		Set Trigger
2	2.506	0.062	0.033	0.040	0.059		Set Trigger
3	2.482	0.062	0.033	0.040	0.057		Set Trigger
4	2.672	0.062	0.032	0.039	0.064		Set Trigger
5	2.528	0.061	0.032	0.040	0.059		Set Trigger

Aug 2.54

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/03/07

Model: M/24
 Serial No: Form #F005
 Trigger: 2.5 lbs. after 50 cycles +/- .50 lbs.



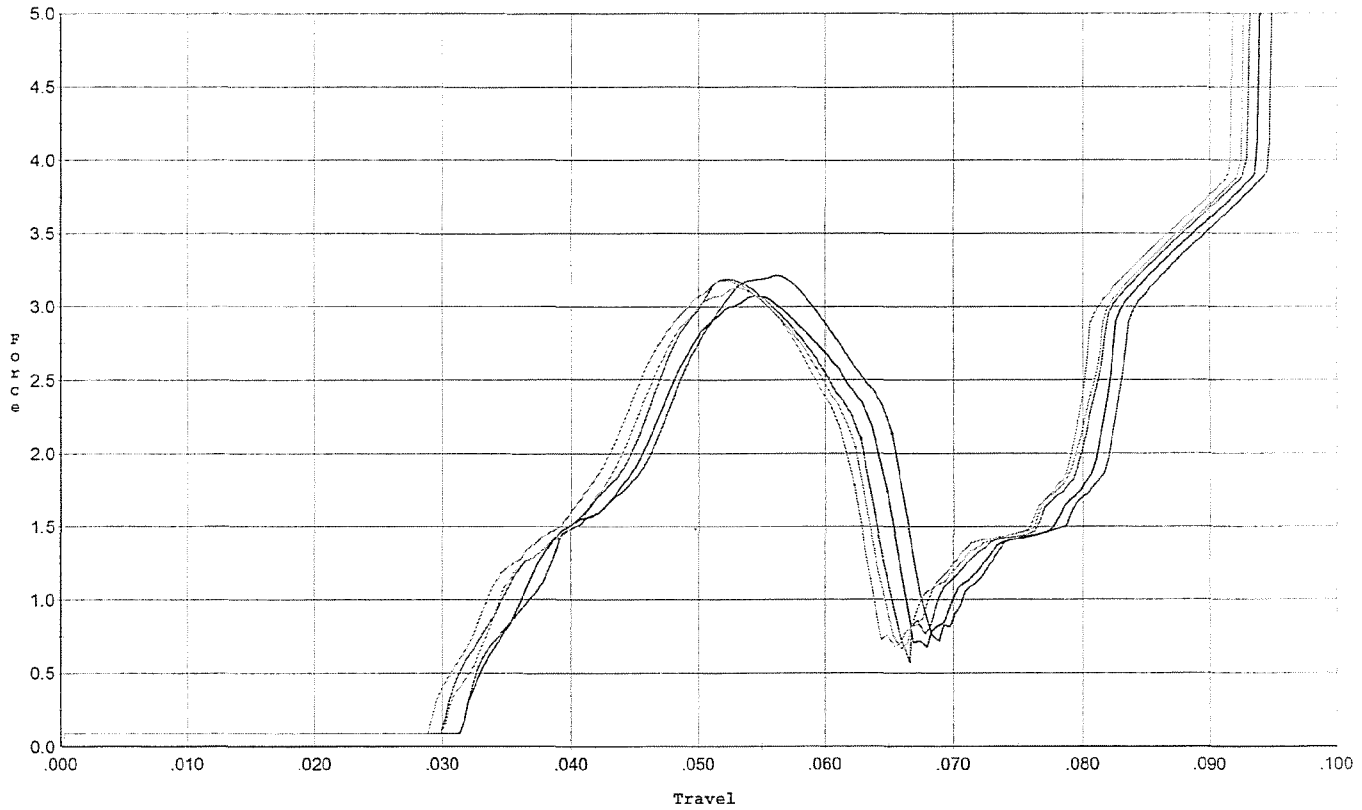
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.578	0.064	0.034	0.041	0.058		Set Trigger
2	2.490	0.064	0.034	0.042	0.055		Set Trigger
3	2.442	0.065	0.033	0.042	0.056		Set Trigger
4	2.477	0.064	0.034	0.042	0.055		Set Trigger
5	2.429	0.064	0.032	0.042	0.056		Set Trigger

Avg 2.48

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 1/03/07

Model: M/24
Serial No: Form #F005
Trigger: 3.0 lbs. ini. +/- .75 lbs.



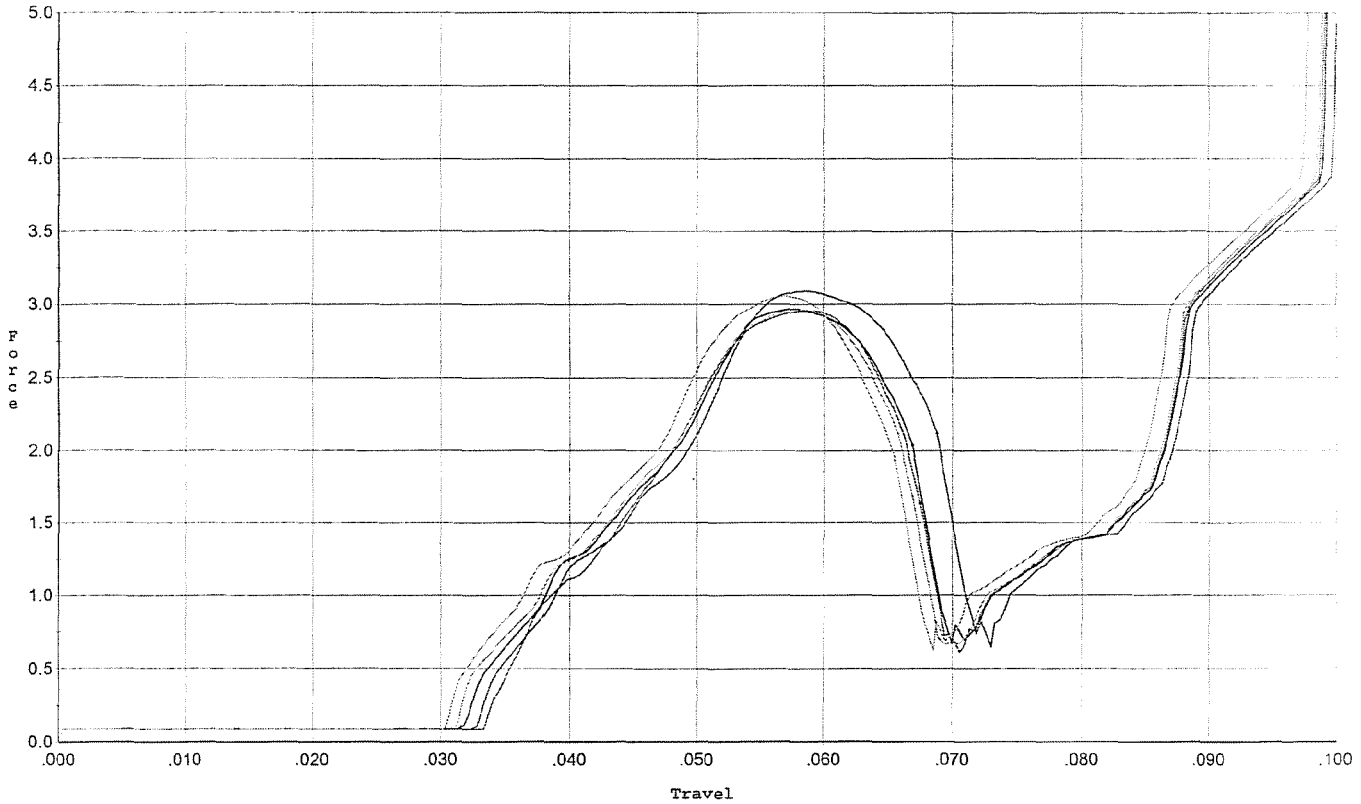
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.212	0.065	0.032	0.035	0.074		Set Trigger
2	3.072	0.065	0.032	0.035	0.071		Set Trigger
3	3.188	0.063	0.030	0.035	0.071		Set Trigger
4	3.128	0.062	0.030	0.035	0.070		Set Trigger
5	3.177	0.062	0.029	0.035	0.072		Set Trigger

Aug 3.15

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 1/03/07

Model: M/24
Serial No: Form #F005
Trigger: 3.0 lbs. after 20 cycles +/- .75 lbs.



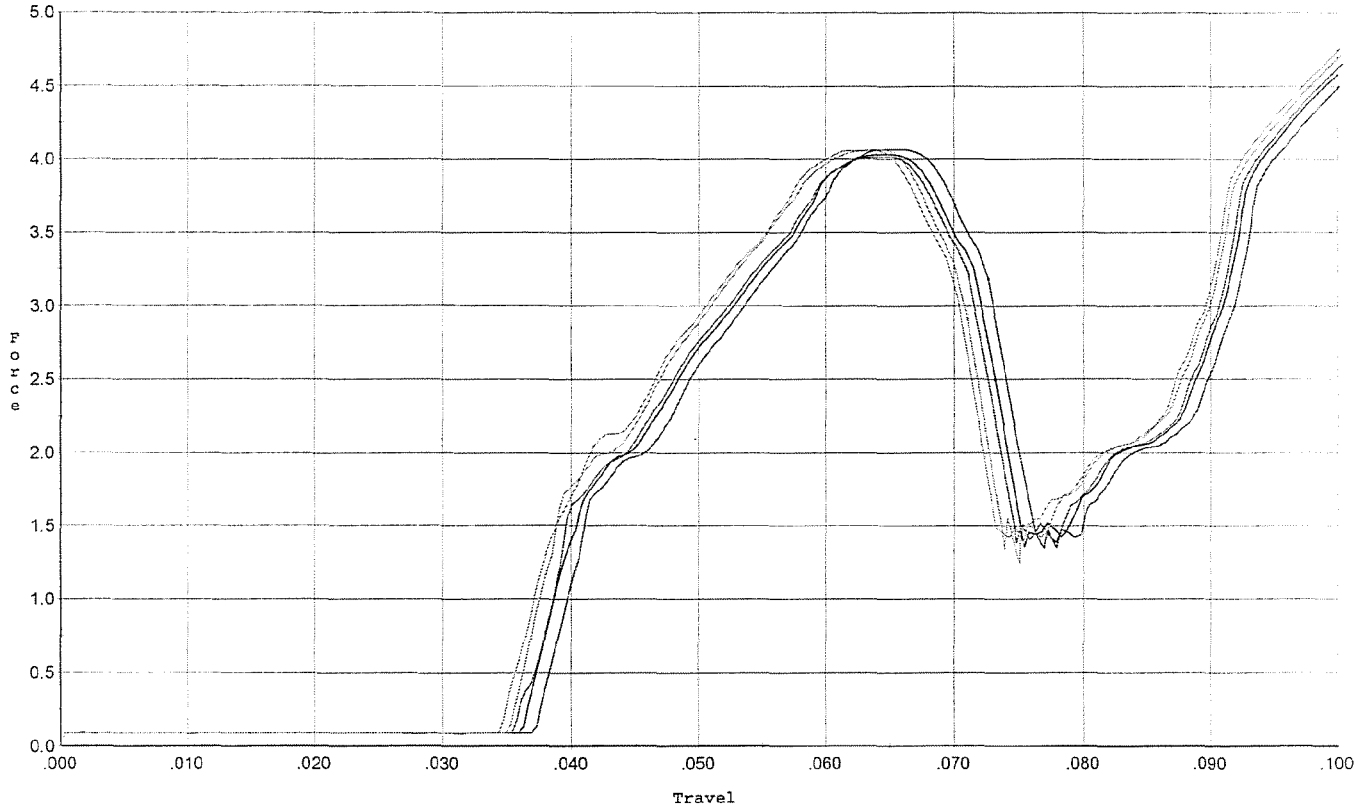
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.088	0.069	0.033	0.037	0.077		Set Trigger
2	2.964	0.067	0.032	0.038	0.072		Set Trigger
3	2.956	0.068	0.034	0.038	0.070		Set Trigger
4	2.962	0.067	0.032	0.038	0.072		Set Trigger
5	3.054	0.066	0.031	0.037	0.073		Set Trigger

Avg ~~4.00~~
3.00

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 1/03/07

Model: M/24
Serial No: Form #F005
Trigger: 4.0 lbs. ini. +/- 1.0 lbs.



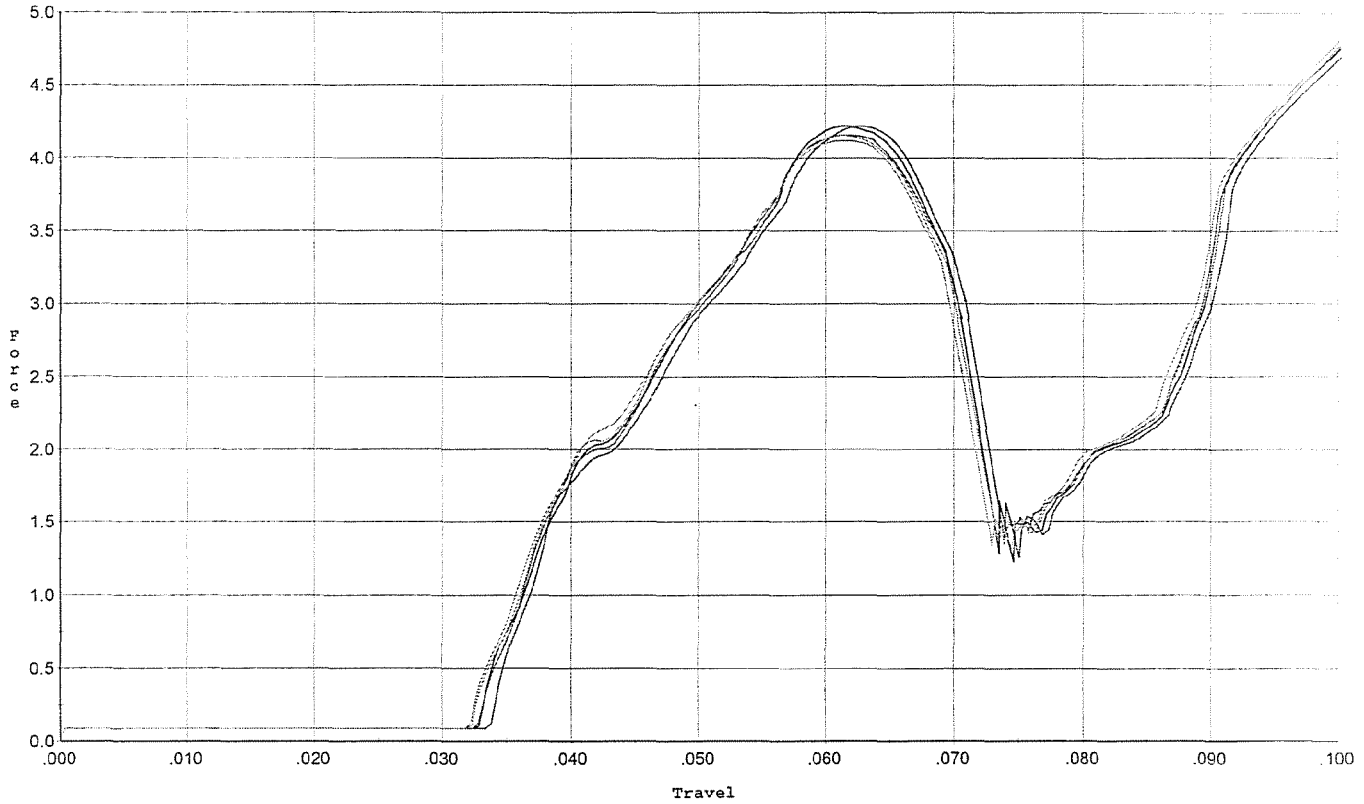
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.067	0.073	0.038	0.036	0.107		Set Trigger
2	4.034	0.073	0.037	0.036	0.109		Set Trigger
3	4.017	0.073	0.036	0.036	0.108		Set Trigger
4	4.069	0.071	0.036	0.036	0.108		Set Trigger
5	4.066	0.070	0.035	0.036	0.107		Set Trigger

AVG 4.05

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 1/03/07

Model: M/24
Serial No: Form #F005
Trigger: 4.0 lbs. after 20 cycles +/- 1.0 lbs.



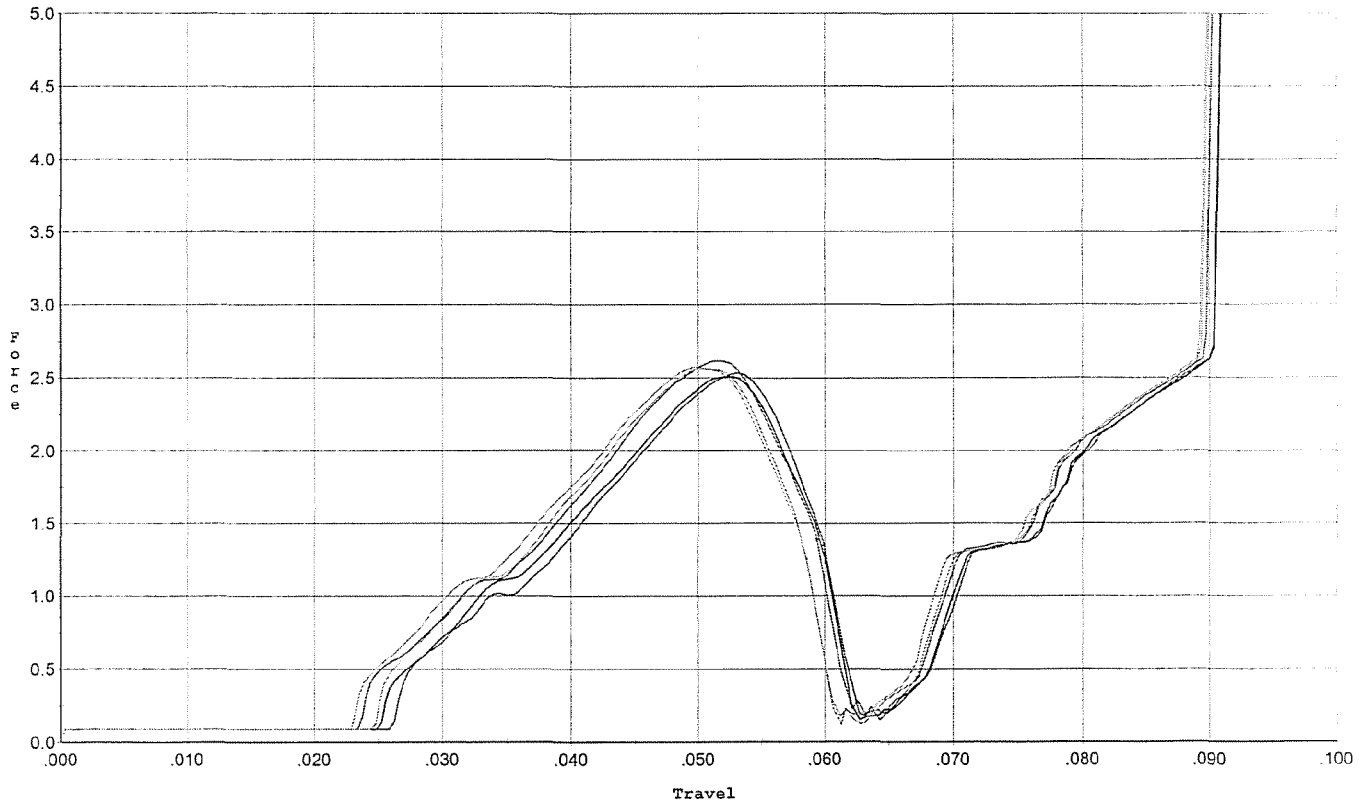
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.220	0.071	0.034	0.035	0.110		Set Trigger
2	4.221	0.071	0.033	0.035	0.111		Set Trigger
3	4.156	0.069	0.033	0.036	0.108		Set Trigger
4	4.154	0.070	0.033	0.036	0.109		Set Trigger
5	4.119	0.071	0.032	0.035	0.111		Set Trigger

Avg 4.17

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 1/03/07

Model: M/24
Serial No: Form #F005
Trigger: reset to 2.5 lbs. +/- .50 lbs. for final test



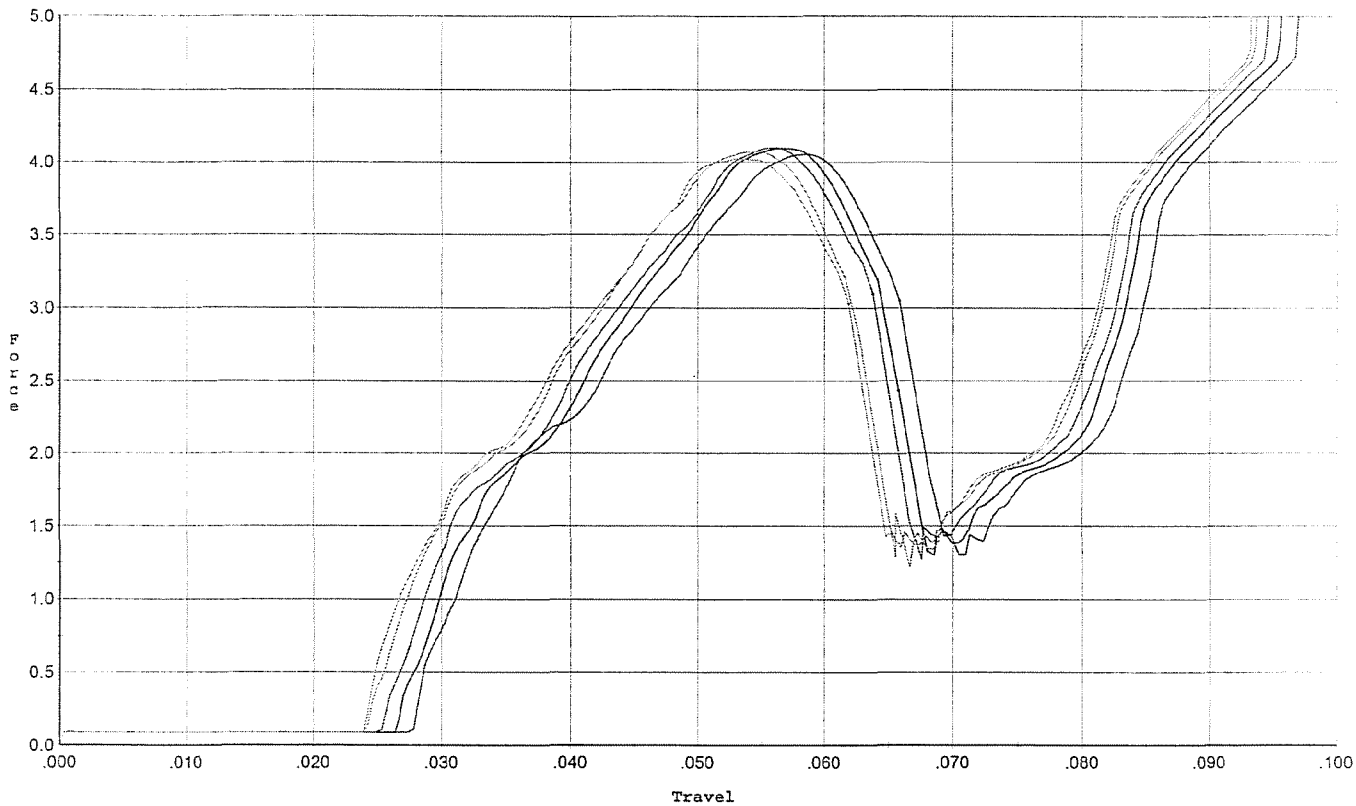
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.534	0.060	0.026	0.037	0.056		Set Trigger
2	2.509	0.060	0.026	0.037	0.057		Set Trigger
3	2.618	0.059	0.024	0.037	0.060		Set Trigger
4	2.563	0.059	0.025	0.037	0.057		Set Trigger
5	2.572	0.059	0.023	0.037	0.060		Set Trigger

Aug 2.55

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 1/03/07

Model: M/24
Serial No: Form #F005
Trigger: set to 4.0 lbs. +/- 1.0 lbs. for target & accuracy



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.056	0.066	0.028	0.034	0.109		Set Trigger
2	4.096	0.066	0.027	0.033	0.111		Set Trigger
3	4.100	0.064	0.026	0.033	0.109		Set Trigger
4	4.071	0.063	0.024	0.034	0.109		Set Trigger
5	4.023	0.062	0.024	0.033	0.108		Set Trigger

Aug 4.06

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522228.___0

FILE DATE AND TIME: 01/31/2007 13:07

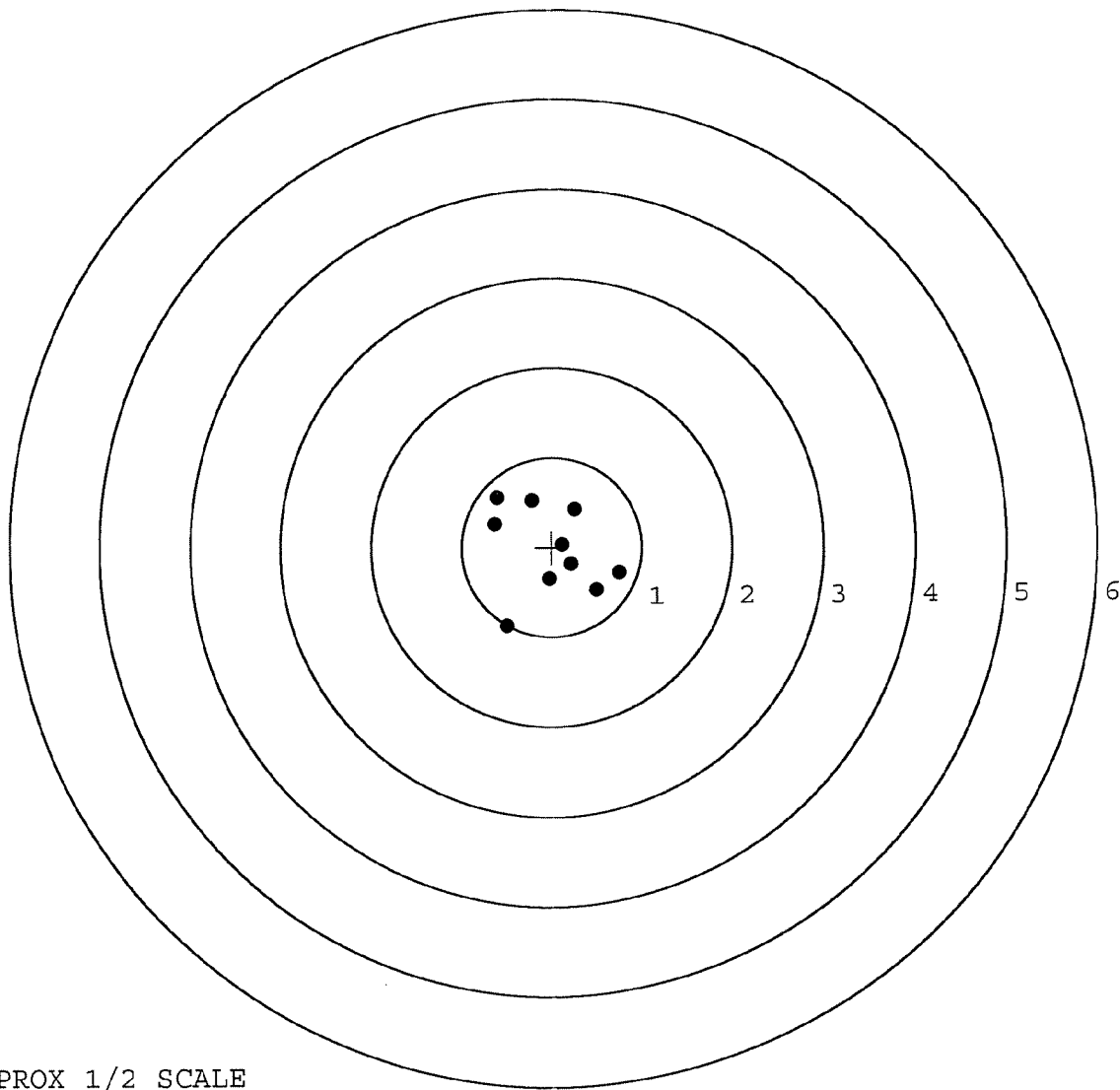
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.003
The Average Y Centroid of the Five Target Set:	-0.046
The Average Point of Impact of the Five Target Set:	0.046
The Average Mean Radius of the Five Target Set:	0.660
The Distance from POA to Centroid Target #1:	0.044
The Distance from Centroid Target #2 to Centroid Target #1:	0.111
The Distance from Centroid Target #3 to Centroid Target #1:	0.023
The Distance from Centroid Target #4 to Centroid Target #1:	0.066
The Distance from Centroid Target #5 to Centroid Target #1:	0.068

SERIAL NUMBER: C6522228. __0
TARGET NUMBER: 1
FILE DATE: 01/31/2007
FILE TIME: 13:07

POINT#	X	Y
1:	0.750	-0.289
2:	0.495	-0.485
3:	-0.500	-0.880
4:	-0.033	-0.357
5:	0.115	0.027
6:	0.256	0.423
7:	-0.222	0.523
8:	-0.611	0.555
9:	-0.639	0.263
10:	0.216	-0.187

X CENTROID: -0.017
Y CENTROID: -0.041
POA TO CENTROID: 0.044
HORZ SPREAD: 1.389
VERT SPREAD: 1.435
GROUP SPREAD: 1.506
MIN RADIUS: 0.149
MAX RADIUS: 0.968
MEAN RADIUS: 0.586
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

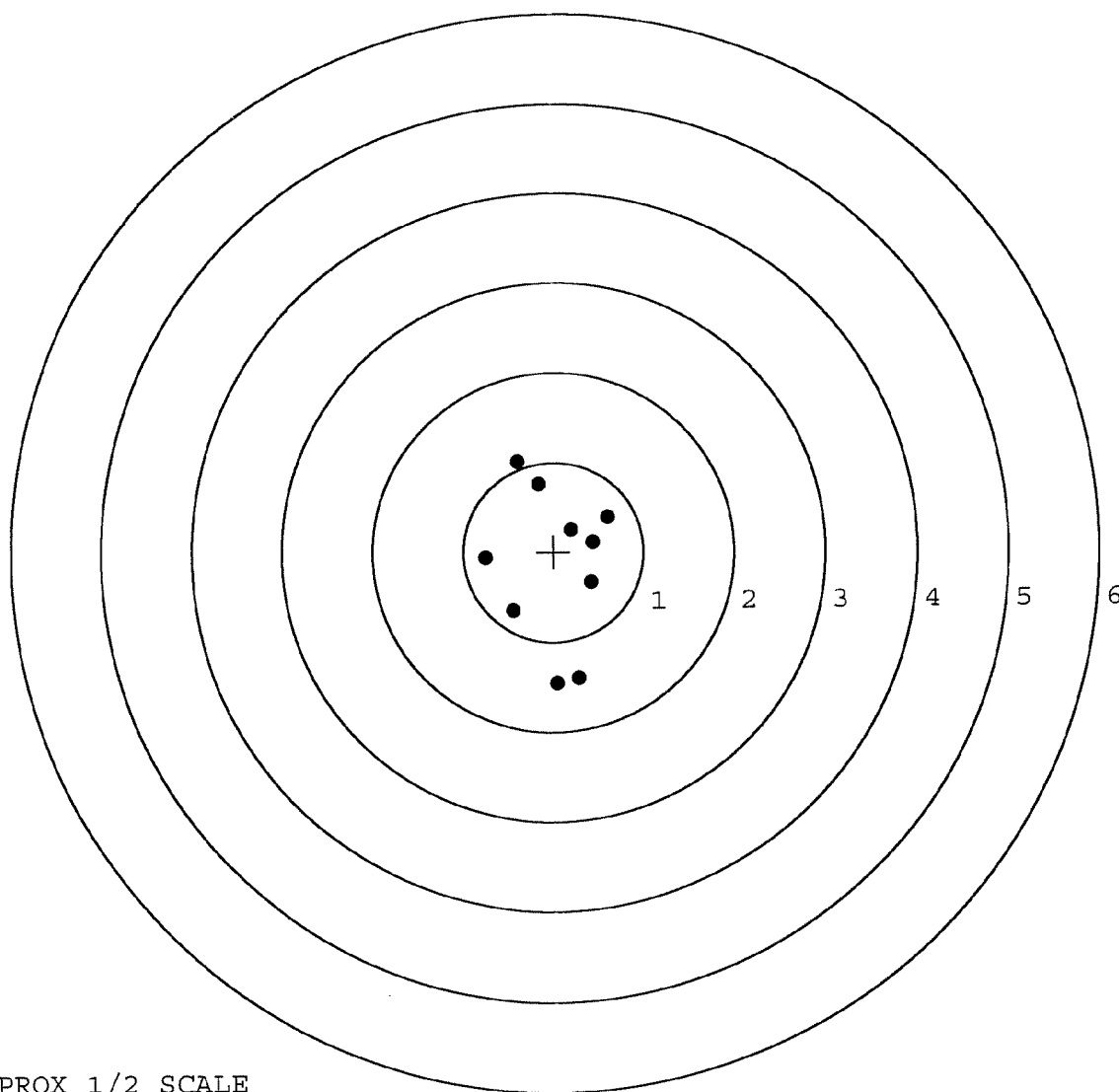


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522228. __0
TARGET NUMBER: 2
FILE DATE: 01/31/2007
FILE TIME: 13:07

POINT#	X	Y
1:	0.275	-1.409
2:	0.038	-1.464
3:	-0.449	-0.658
4:	-0.758	-0.070
5:	0.416	-0.343
6:	0.438	0.101
7:	0.197	0.246
8:	0.603	0.383
9:	-0.166	0.755
10:	-0.398	1.007

X CENTROID: 0.020
Y CENTROID: -0.145
POA TO CENTROID: 0.147
HORZ SPREAD: 1.361
VERT SPREAD: 2.471
GROUP SPREAD: 2.509
MIN RADIUS: 0.430
MAX RADIUS: 1.319
MEAN RADIUS: 0.837
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

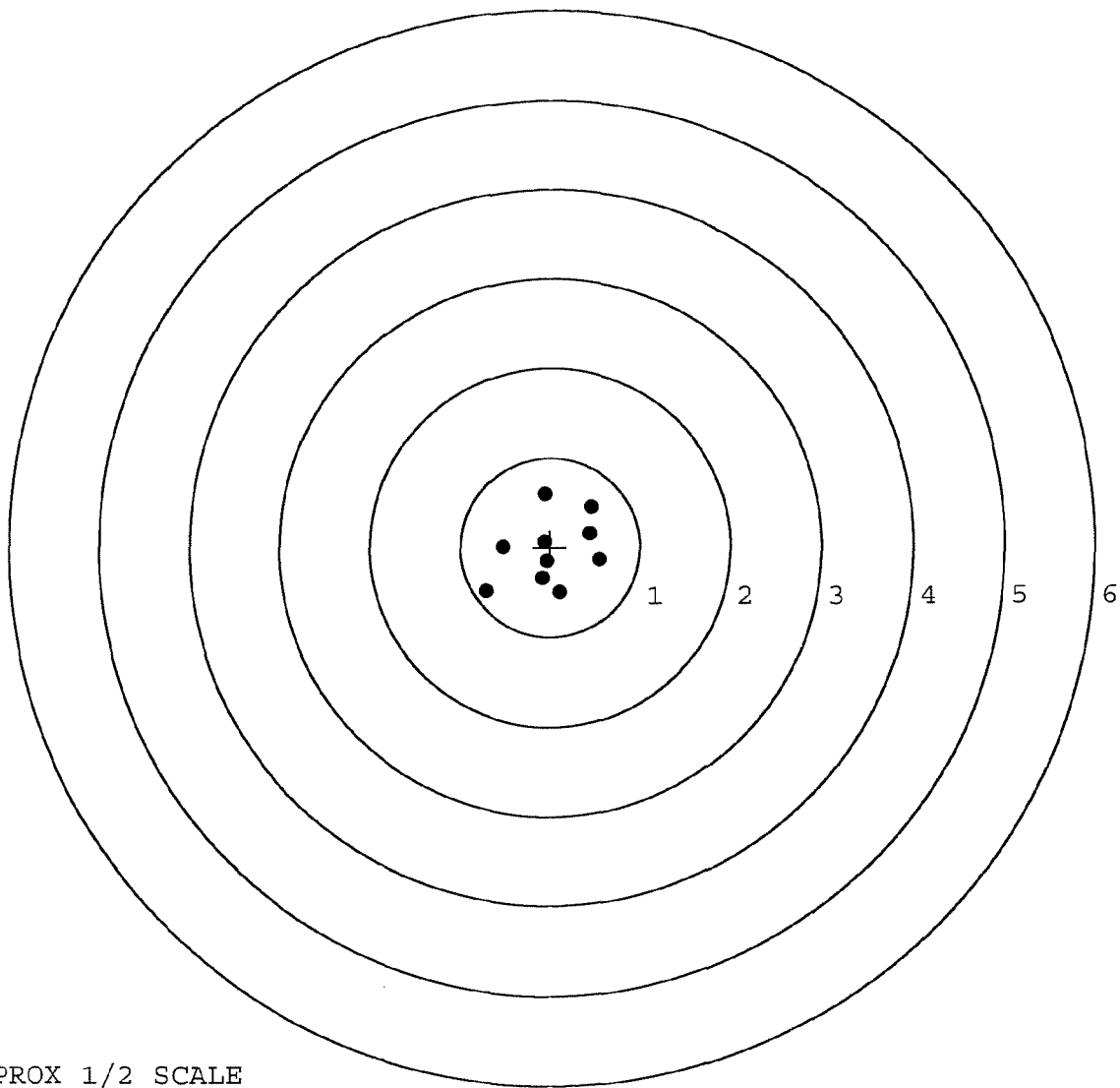


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522228. 0
TARGET NUMBER: 3
FILE DATE: 01/31/2007
FILE TIME: 13:07

POINT#	X	Y
1:	0.552	-0.150
2:	0.458	0.448
3:	0.436	0.151
4:	-0.061	0.595
5:	-0.715	-0.504
6:	-0.529	-0.005
7:	-0.063	0.055
8:	-0.039	-0.161
9:	0.107	-0.518
10:	-0.089	-0.357

X CENTROID: 0.006
Y CENTROID: -0.045
POA TO CENTROID: 0.045
HORZ SPREAD: 1.267
VERT SPREAD: 1.113
GROUP SPREAD: 1.511
MIN RADIUS: 0.121
MAX RADIUS: 0.855
MEAN RADIUS: 0.479
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

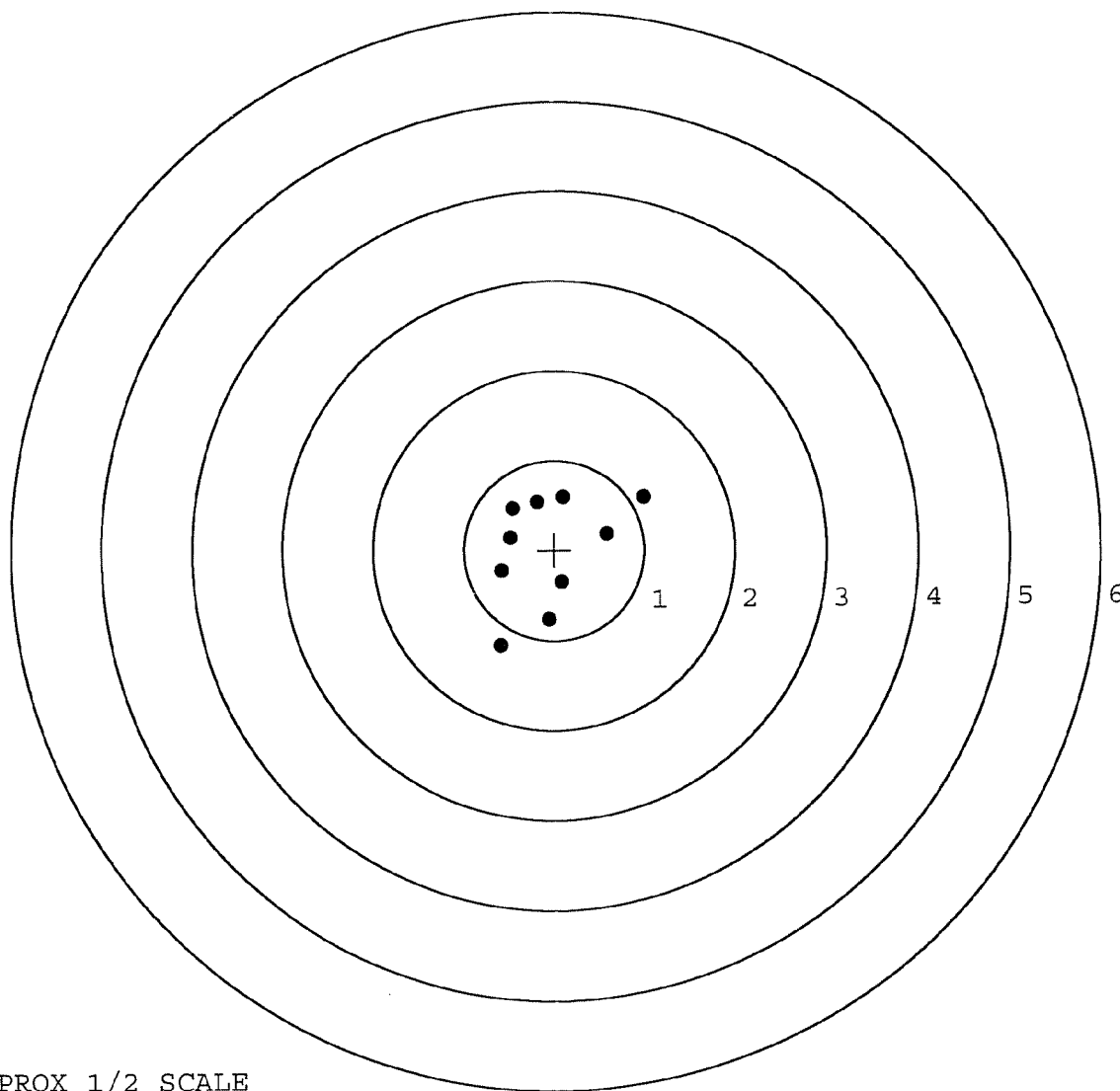


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522228. 0
TARGET NUMBER: 4
FILE DATE: 01/31/2007
FILE TIME: 13:07

X CENTROID: -0.063
Y CENTROID: 0.006
POA TO CENTROID: 0.064
HORZ SPREAD: 1.604
VERT SPREAD: 1.648
GROUP SPREAD: 2.293
MIN RADIUS: 0.391
MAX RADIUS: 1.209
MEAN RADIUS: 0.702
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.604	-1.057
2:	-0.062	-0.773
3:	0.084	-0.356
4:	0.582	0.177
5:	1.000	0.581
6:	-0.592	-0.233
7:	-0.491	0.134
8:	0.102	0.591
9:	-0.192	0.535
10:	-0.460	0.464

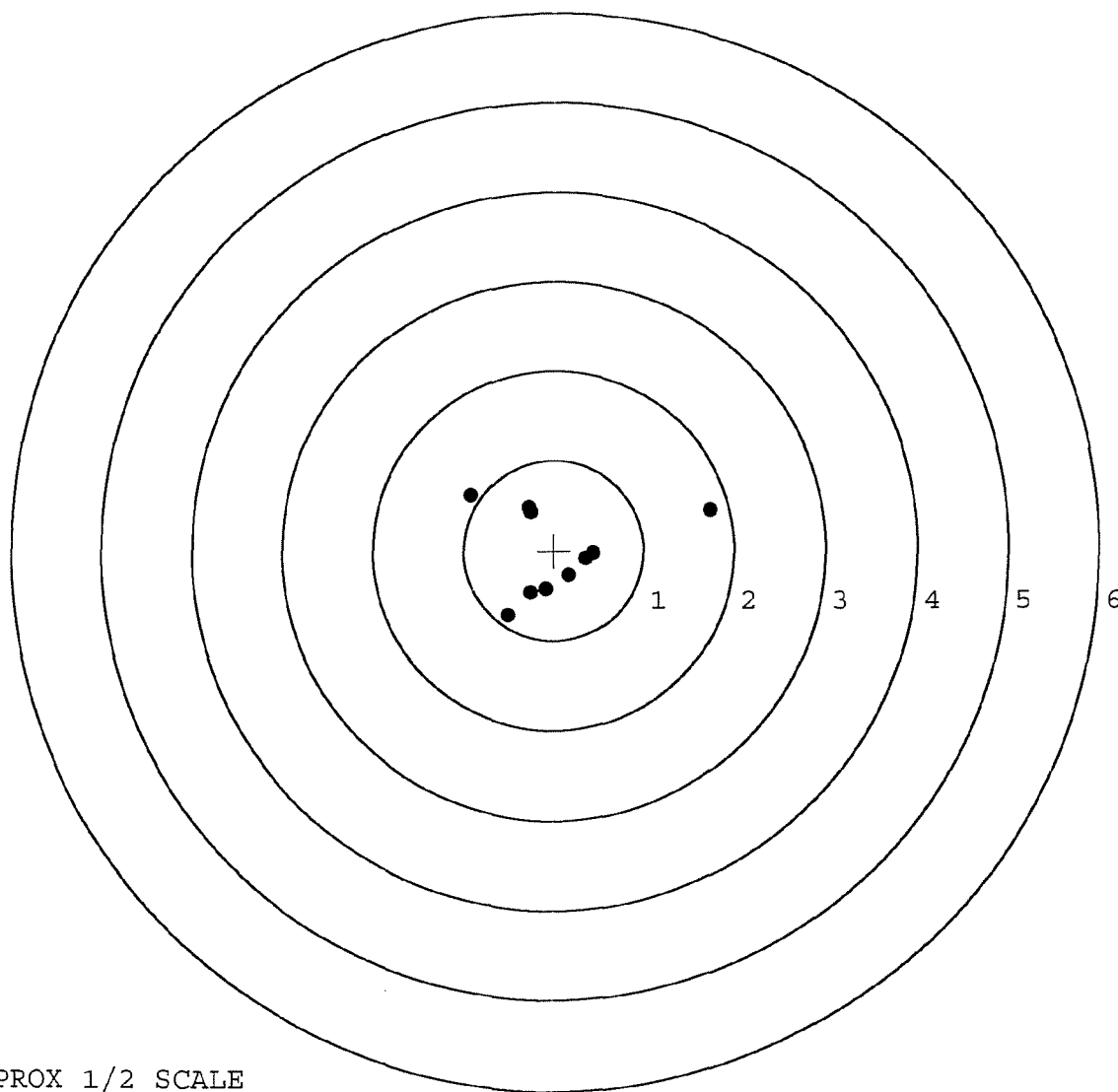


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522228. __0
TARGET NUMBER: 5
FILE DATE: 01/31/2007
FILE TIME: 13:07

POINT#	X	Y
1:	-0.924	0.611
2:	-0.254	0.427
3:	1.739	0.457
4:	0.441	-0.032
5:	0.170	-0.276
6:	0.362	-0.088
7:	-0.088	-0.430
8:	-0.260	-0.468
9:	-0.508	-0.725
10:	-0.275	0.485

X CENTROID: 0.040
Y CENTROID: -0.004
POA TO CENTROID: 0.040
HORZ SPREAD: 2.663
VERT SPREAD: 1.336
GROUP SPREAD: 2.667
MIN RADIUS: 0.301
MAX RADIUS: 1.760
MEAN RADIUS: 0.695
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

M-24
INSPECTION CHECKLIST - REPAIRS
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER	123774				
SERIAL NUMBER	C6522228				
LOG-IN DATE	1-17-07				
OPERATION #	OPERATION NAME		DATE	INITIAL	
500	DIS-ASSEMBLE GUN		1-18-07	RTZ	
505	RE-BARREL		1-19-07	RTZ	
420	ASSEMBLE		1-19-07	RTZ	
440	PROOF	MAGNA-FLUX INSPECTED			
460	CHECK HEADSPACE		1-19-07	RP	
470	DIS-ASSEMBLE GUN	JAN 23 2007	1-22-07	RTZ	
480	MAGNAFLUX	OPERATOR <u>APD</u>	1-23-07	APD	
510	DRILL AND TAP		1-22-07	FM	
500	ROLLMARK CALIBER		1-23-07	CW	
520	GOFF BLAST BBL / REC		1-23-07	LB	
530 & 540	APPLY COATINGS		1-25-07	WJ	
560	FINAL ASSEMBLY		1-30-07	RTZ	
640	FUNCTION TEST AND	PASS FAIL	1/30/07	non	
650	TARGET	PASS FAIL	1/30/07	non	
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION	1-30-07	TRW	
670	FINAL INSPECTION		2-2-07	RTZ	
	A) HEADSPACE	PASS FAIL	2-2-07	RTZ	
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	4.60 2.43 2.30 2.22 2.52	1-31-07	TRW
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	4.75 4.5 4.25	1-31-07	TRW
	G) SAFETY OFF FORCE	2 LBS MIN	2.25 2.0 2.25	1-31-07	TRW
	I) FIRING PIN INDENT	.020	.023 .0225 .024	1-31-07	TRW
690	PACK			2-8-07	DAF

F006 REV 5/2006

FINAL INSPECTION CHECKLIST

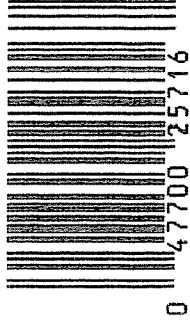
BARREL ASSEMBLY BARREL RECEIVER FRONT SIGHT BASE REAR SIGHT BASE SCREWS FINISH		STOCK ASSEMBLY STOCK SLING SWIVEL STUDS BUTT PATE LOCK NUTS BARREL CLEARANCE COLOR / FINISH	
SCOPE ASSEMBLY SCOPE SCOPE RINGS MOUNTING SCREWS MOUNTING BASE SCREWS FINISH CLARITY		SYSTEM CASE SCOPE CASE IRON SIGHTS DEPLOYMENT KIT TRIGGER ASSEMBLY SAFETY OPERATION RE-SET TO FACTORY SPECS	
COMMENTS:			

F006 REV 5/2006

Remington[®] REG. U.S. PAT. & TM. OFF. MODEL 700[™] H24 MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.		VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
		SERIAL NO. C6522228
		ORDER NO. 5716



UPC



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6522228

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		6/27/90	K.S.
600	Proof		6/27/90	K.S.
607	Check Headspace		6/27/90	K.S.
610	Dis-assemble Gun		6/27/90	K.S.
612	Magnaflux Barrel Action		7/10/90	KR
	Magnaflux Bolt		7/10/90	KR.
615	Rollmark Caliber		7/10/90	SL
617	Drill and Tap Sight Holes		7/11/90	FB
618	Polish Barrel AB		7/13/90	WB
620	Apply Coatings (Barrel Action)		7-23-90	JA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		8/6/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/6/90	KS
	C) Inspect Ejector Hole for Chamfer		8/6/90	KS
	D) Oil Firing Pin Ass'y		8/6/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		9-7-90	SL

op. #	OP. NAME	READINGS			DATE	INIT	
625 cont.	F) Safety On Force	5	5	5	8/7/90	JK	
	G) Safety Off Force	3	3	3	8/7/90	JK	
	H) Trigger Pull Test & Retainability				9-7-90	JK	
	I) Firing Pin Indent	.022	.022	.022	8/7/90	JK	
	J) Assemble Stock				8/8/90	KS	
	K) Assemble Swivel Studs				9/8/90	JK	
	L) Attach Front and Rear Sight Assemblies				8/8/90	KS	
	M) Iron Sight Alignment				8/7/90	KS	
	N) Detach Front & Rear Sights & place in numbered container				8/7/90	KS	
	O) Attach Scope to Rifle				8/7/90	KS	
	P) Detach & Attach Scope 20 Times				8/7/90	KS	
640	Gallery Target & Test				8/10/90	NF	
	A) Time				8/10/90	NF	
	B) Malfunctions				8/10/90	NF	
	C) Pierced Primers				8/10/90	NF	
	D) Optical Clarity of Scope				8/10/90	NF	
645	Inspect for Live Ammo				8/10/90	NF	
655	Final Inspection						
	A) Headspace				9/8/90	JK	
	B) Trigger Pull	2.44	2.53	2.57	2.50	2.33	9-7-90
	C) Function				9/2/90	JK	
660	Pack				9-19-90	DK	

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. C652228
DATE 9-7-90
TESTER gji

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.51	2.47	2.46	2.44	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.49	2.51	2.48	2.53	
PULL #3	2.50	2.46	2.50	2.51	
PULL #4	2.47	2.42	2.51	2.50	
PULL #5	2.45	2.48	2.48	2.33	
TOTAL	12.42	12.34	12.43	12.31	
AVG.	2.484	2.468	2.486	2.462	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.26	3.21		
PULL #2	3.18	3.25		
PULL #3	3.20	3.17		
PULL #4	3.23	3.24		
PULL #5	3.21	3.15		
TOTAL	16.08	16.02		
AVG.	3.216	3.204		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.26	4.26		4.41
PULL #2	4.20	4.30		4.38
PULL #3	4.22	4.31		4.35
PULL #4	4.23	4.31		4.39
PULL #5	4.25	4.37		4.45
TOTAL	21.16	21.55		21.98
AVG.	4.232	4.31		4.396

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06522228
10 Aug 1990

CENTROIDAL DISTANCES

0 TO	1	.937064
1 TO	2	1.20972
1 TO	3	1.58728
1 TO	4	1.36555
1 TO	5	1.6953

1

2 +
3 4 5

(----POA

1-.0886

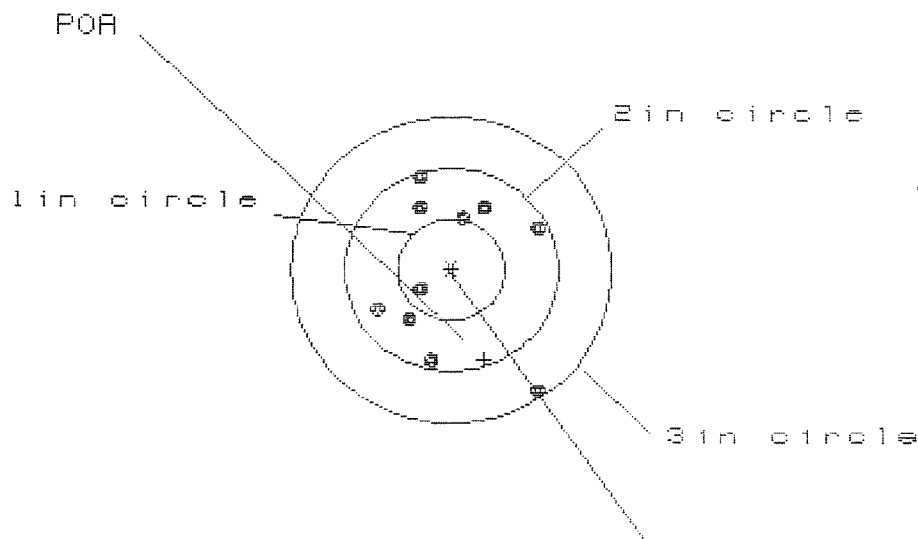
1-.218

FILE IS: .23348

18 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522228

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

IN CIR

IN CIR

IN CIR

IN CIR

IN CIR

IN CIR

CENTROID *

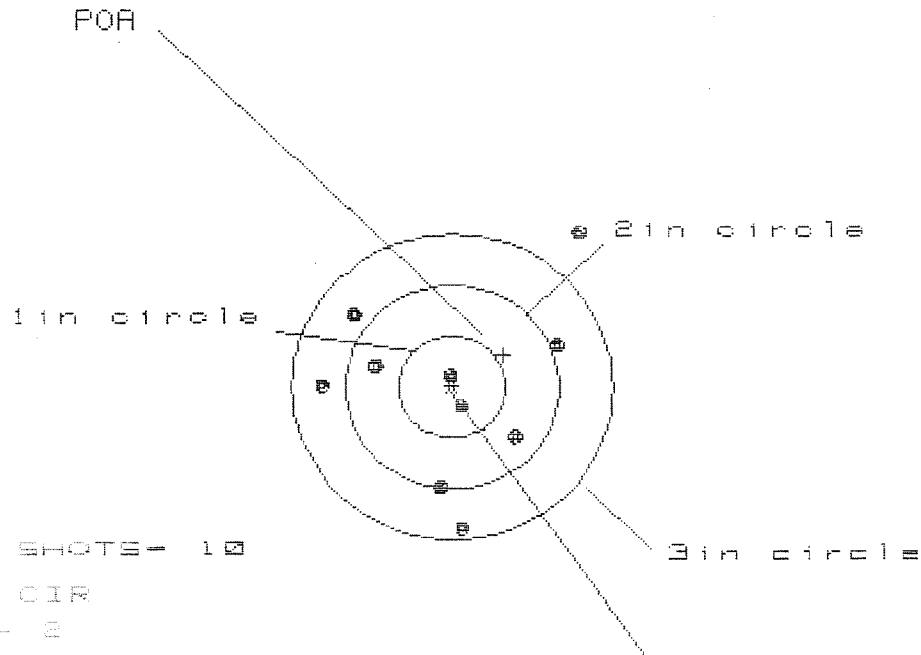
	9	8
	.912	.892
	-.534	-.684
	.886	.599
	-.930	-.880
	.138	-.378
	.913	.913
	1.099	.988
	.416	.349
	.697	.679
	.689	.986
	1.496	1.496
	1.771	1.479
	1.720	1.720
	1	
	1	
	10	

10 Aug 1990

FILE:/PATTERNING/CENTERFIRE_PATT/06522228

CENTERFIRE PATTERNS

2



OF SHOTS- 10

IN CIR

1in = 8

2in = 0

3in = 0

2- = 445

10- = 1.878

10- = 1.03

CENTROID *

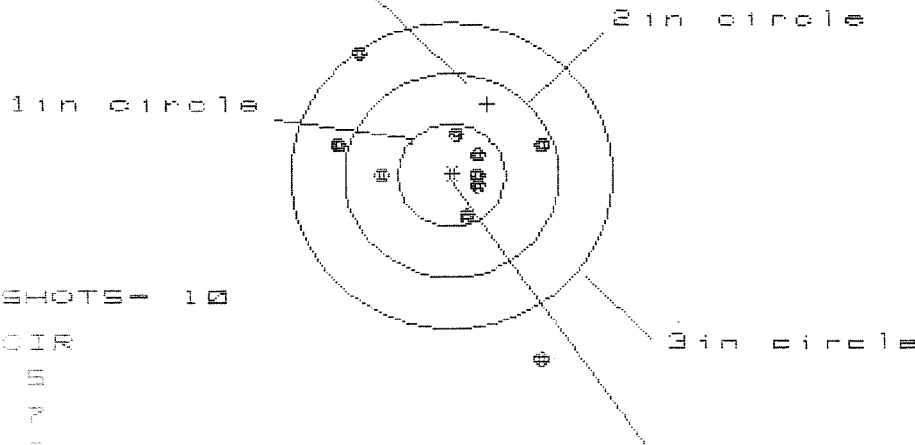
	10	9	8
10- = 445	1.221	1.130	1.163
10- = 1.878	-1.271	-1.091	-1.058
10- = 1.03	1.501	.879	.729
10- = 1.03	1.211	1.208	-.964
10- = 1.03	-.401	-.618	-.651
10- = 1.03	-.371	-.479	-.329
10- = 1.03	.571	.783	.729
10- = 1.03	.111	.235	.226
10- = 1.03	.961	.848	.788
10- = 1.03	.71	1.255	1.228
10- = 1.03	1.451	2.221	2.221
10- = 1.03	1	2.087	1.593
10- = 1.03	1.011	2.319	2.248
10- = 1.03	1	2	2
10- = 1.03	1	5	5
10- = 1.03	1	9	9

18 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08522228

CENTERFIRE PATTERNS # 3

POA



OF SHOTS - 10

IN CIR

1in = 5

2in = 7

3in = 8

MEAN = 1.844

STDEV = 0.867

VAR = 0.752

CENTROID #

	10	9	8
MEAN	1.844	.938	.844
STDEV	0.867	.987	-1.081
VAR	0.752	1.029	.293
MEAN	1.844	-.623	-.494
STDEV	0.867	-.493	-.339
VAR	0.752	-.498	-.627
MEAN	1.844	.660	.712
STDEV	0.867	.190	.270
VAR	0.752	.658	.541
MEAN	1.844	1.277	1.098
STDEV	0.867	1.925	1.925
VAR	0.752	1.652	.787
MEAN	1.844	1.937	1.925
STDEV	0.867	5	5
VAR	0.752	7	7
MEAN	1.844	9	9

18 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06522220

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 5

2in = 8

3in = 10

100 = 1.885

200 = 1.486

300 = 1.090

CENTROID #

100 = 1.885

200 = 1.486

300 = 1.090

400 = .777

500 = .512

600 = .218

700 = .091

800 = .588

900 = 1.486

1000 = 1.671

1100 = 1.456

1200 = 1.090

1300 = .777

1400 = .512

1500 = .218

1600 = .091

1700 = .588

1800 = 1.486

1900 = 1.671

2000 = 1.456

10

9

8

.595

.487

.522

-.971

-.481

-.446

.823

.866

.578

-.683

-.628

-.512

.110

.218

.183

-.415

-.458

-.566

.438

.588

.595

.091

.199

.210

.588

.524

.451

1.045

.911

.777

1.588

.968

.968

1.400

1.486

1.090

1.511

1.671

1.456

100 = 1.885

5

200 = 1.486

8

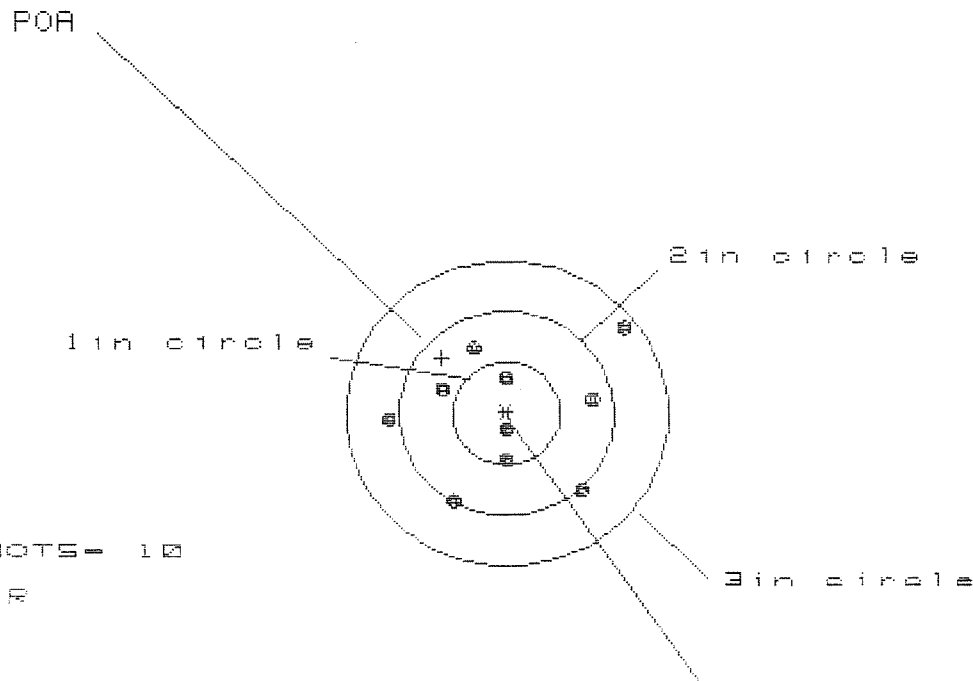
300 = 1.090

10

10 Aug 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6522220

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1in = 3

2in = 7

3in = 10

OS = 2.270

E = 1.761

OC = 2.458

PATTERN #	5		
NUMBER OF SHOTS	10	9	8
MAXIMUM	1.128	.949	.822
MINIMUM	-1.142	-1.016	-.574
MAXIMUM	.865	.786	.788
MINIMUM	-.846	-.799	-.797
CONTROL	.681	.475	.602
CONTROL	-.548	-.643	-.645
POA TO CENTROID	.812	.799	.882
POA REL. OS	.164	.140	.065
POA REL. OC	.782	.699	.645
POA REL. E	1.125	1.016	.961
REL. CENTRAL APPEAR	2.270	1.965	1.396
REL. CENTRAL SPEED	1.761	1.585	1.585
REL. CENTRAL VIBES	2.458	1.977	1.739
NUMBER IN ONE INCH CIRCLE	3		
NUMBER IN TWO INCH CIRCLE	7		
NUMBER IN THREE INCH CIRCLE	10		