

C5511743

MODEL 700™ N24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



Repair Inquiry

Repair Number: RE00127455

Serial: C6611743 Model M24 SWS Center Fire
Caliber: 308 WIN

Repairman:

Status: Closed 3/30/2007 9:55:07 AM

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: CO C1ST / 20TH S.F.G. CO C1ST / 20TH S.F.G.

Address 1: MASSACHUSETTS ARMY NATIONAL GUARD MASSACHUSETTS ARMY NATIONAL GUARD

Address 2: 1505 ROOSEVELT AVENUE PO Box: 1505 ROOSEVELT AVENUE PO Box:

City: SPRINGFIELD SPRINGFIELD

State: MA Zip Code: 01109-2438 Country: US State: MA Zip Code: 01109-2438 Country: US

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NN

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	1
A026	Scope	1
A045	Bi Pod	1
B000	FRONT/REAR BASE	1
R001	DEPI OYMENT KIT	1

Repair Search

Refresh

Close

nagletj

3/30/2007

11:12 AM

CAPS

NUM

INS

SCRL

Serial
Number:

C6611743

Model: M24 SWS



RE00127455

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611743.__0

FILE DATE AND TIME: 05/08/2007 13:17

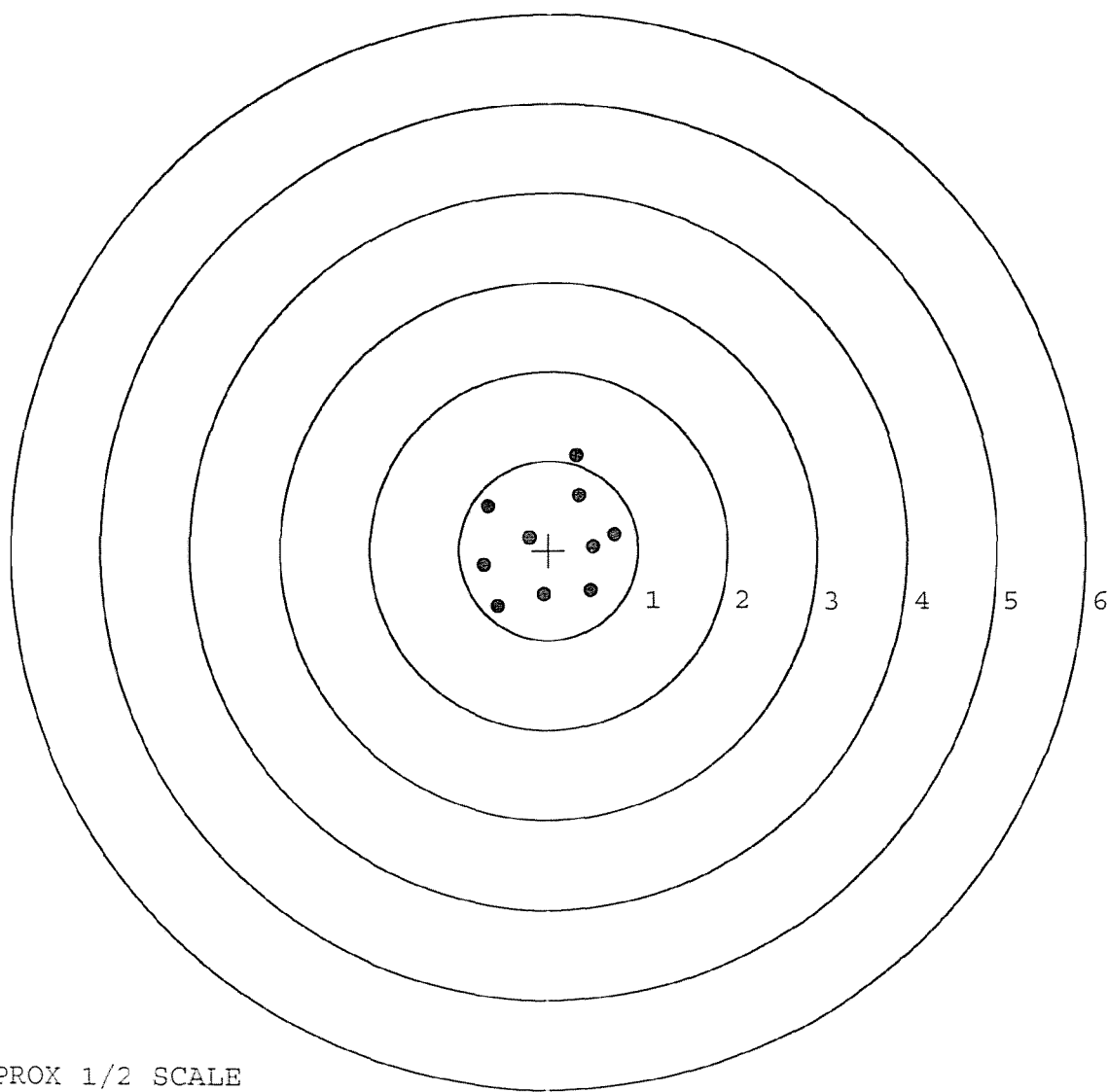
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.010
The Average Y Centroid of the Five Target Set:	0.007
The Average Point of Impact of the Five Target Set:	0.012
The Average Mean Radius of the Five Target Set:	0.630
The Distance from POA to Centroid Target #1:	0.079
The Distance from Centroid Target #2 to Centroid Target #1:	0.067
The Distance from Centroid Target #3 to Centroid Target #1:	0.289
The Distance from Centroid Target #4 to Centroid Target #1:	0.044
The Distance from Centroid Target #5 to Centroid Target #1:	0.031

SERIAL NUMBER: C6611743. __0
TARGET NUMBER: 1
FILE DATE: 05/08/2007
FILE TIME: 13:17

POINT#	X	Y
1:	0.467	-0.447
2:	-0.057	-0.496
3:	-0.567	-0.633
4:	-0.724	-0.168
5:	-0.226	0.145
6:	-0.686	0.493
7:	0.335	0.612
8:	0.308	1.060
9:	0.727	0.176
10:	0.498	0.044

X CENTROID: 0.007
Y CENTROID: 0.079
POA TO CENTROID: 0.079
HORZ SPREAD: 1.451
VERT SPREAD: 1.693
GROUP SPREAD: 1.906
MIN RADIUS: 0.243
MAX RADIUS: 1.026
MEAN RADIUS: 0.688
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

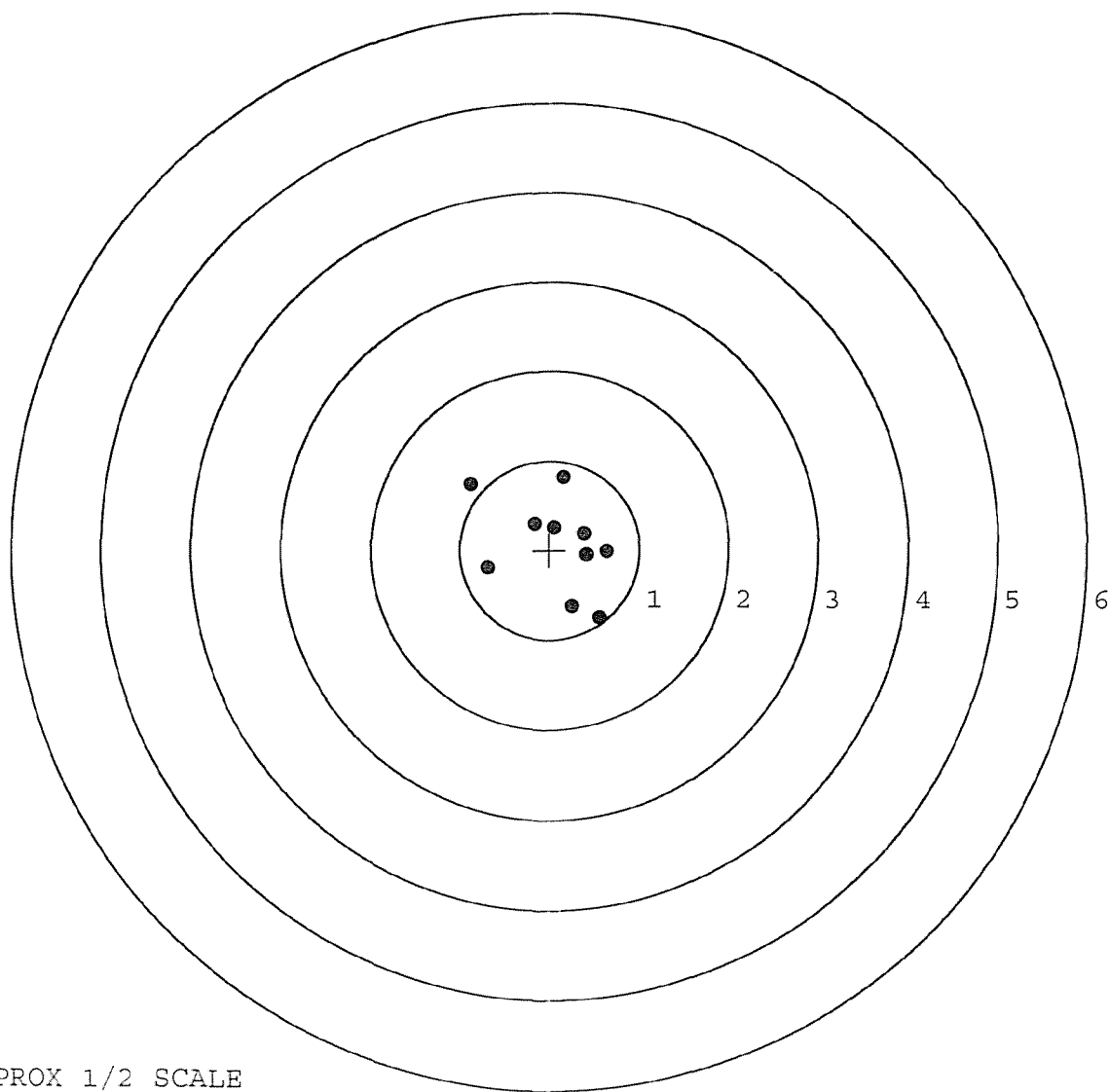


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611743. 0
TARGET NUMBER: 2
FILE DATE: 05/08/2007
FILE TIME: 13:17

POINT#	X	Y
1:	0.157	0.817
2:	-0.884	0.736
3:	-0.168	0.297
4:	0.057	0.251
5:	0.381	0.185
6:	0.635	-0.015
7:	0.418	-0.054
8:	0.557	-0.764
9:	0.257	-0.638
10:	-0.691	-0.205

X CENTROID: 0.072
Y CENTROID: 0.061
POA TO CENTROID: 0.094
HORZ SPREAD: 1.519
VERT SPREAD: 1.581
GROUP SPREAD: 2.080
MIN RADIUS: 0.191
MAX RADIUS: 1.170
MEAN RADIUS: 0.621
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611743. 0

TARGET NUMBER: 3

FILE DATE: 05/08/2007

FILE TIME: 13:17

POINT#	X	Y
1:	-0.949	-1.069
2:	-0.468	-0.609
3:	-0.150	-0.472
4:	-0.047	-0.694
5:	0.177	-0.526
6:	-0.312	0.170
7:	0.030	0.089
8:	0.360	0.195
9:	0.118	0.385
10:	0.446	0.566

X CENTROID: -0.080

Y CENTROID: -0.197

POA TO CENTROID: 0.212

HORZ SPREAD: 1.395

VERT SPREAD: 1.635

GROUP SPREAD: 2.149

MIN RADIUS: 0.284

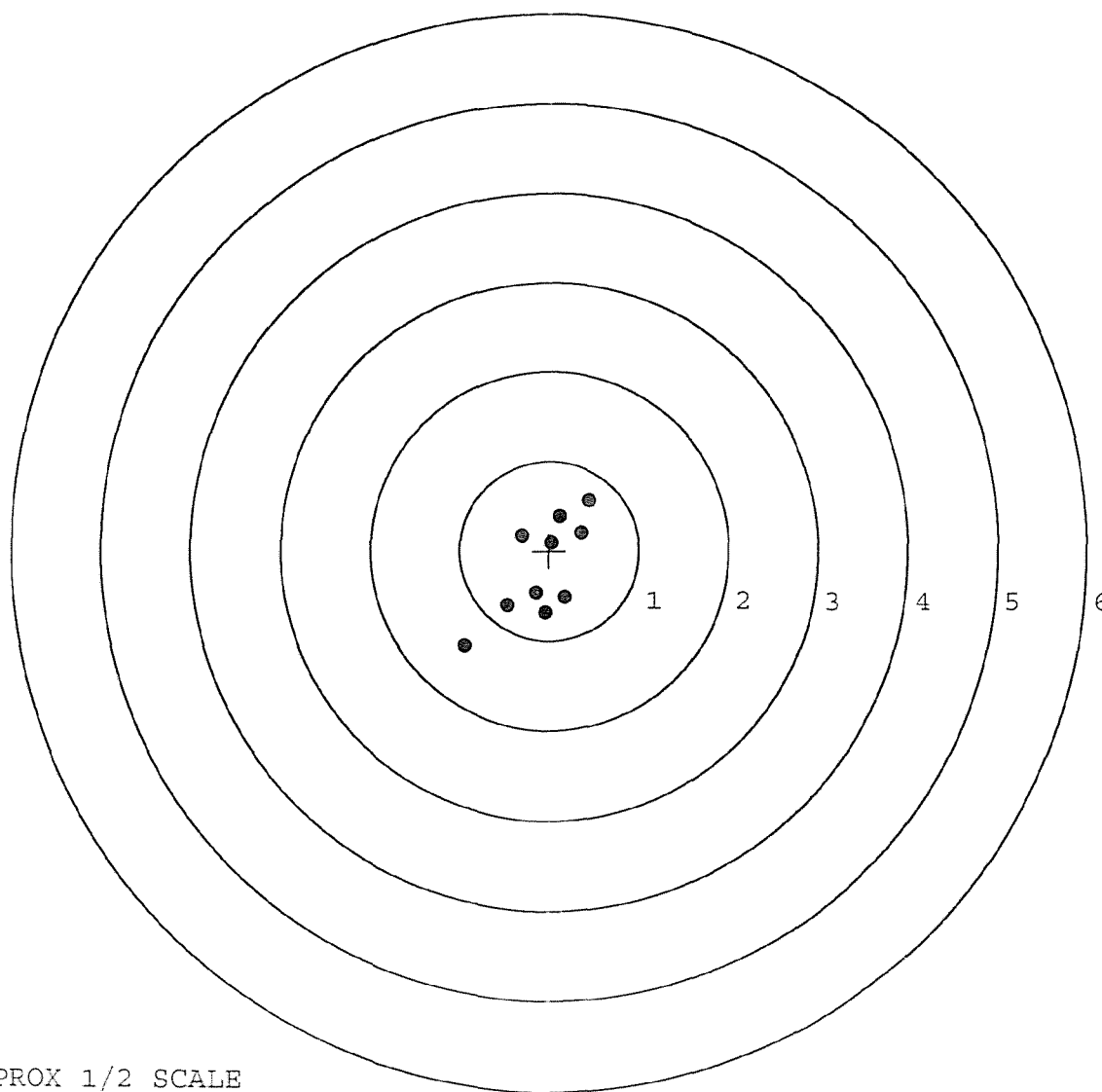
MAX RADIUS: 1.232

MEAN RADIUS: 0.587

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

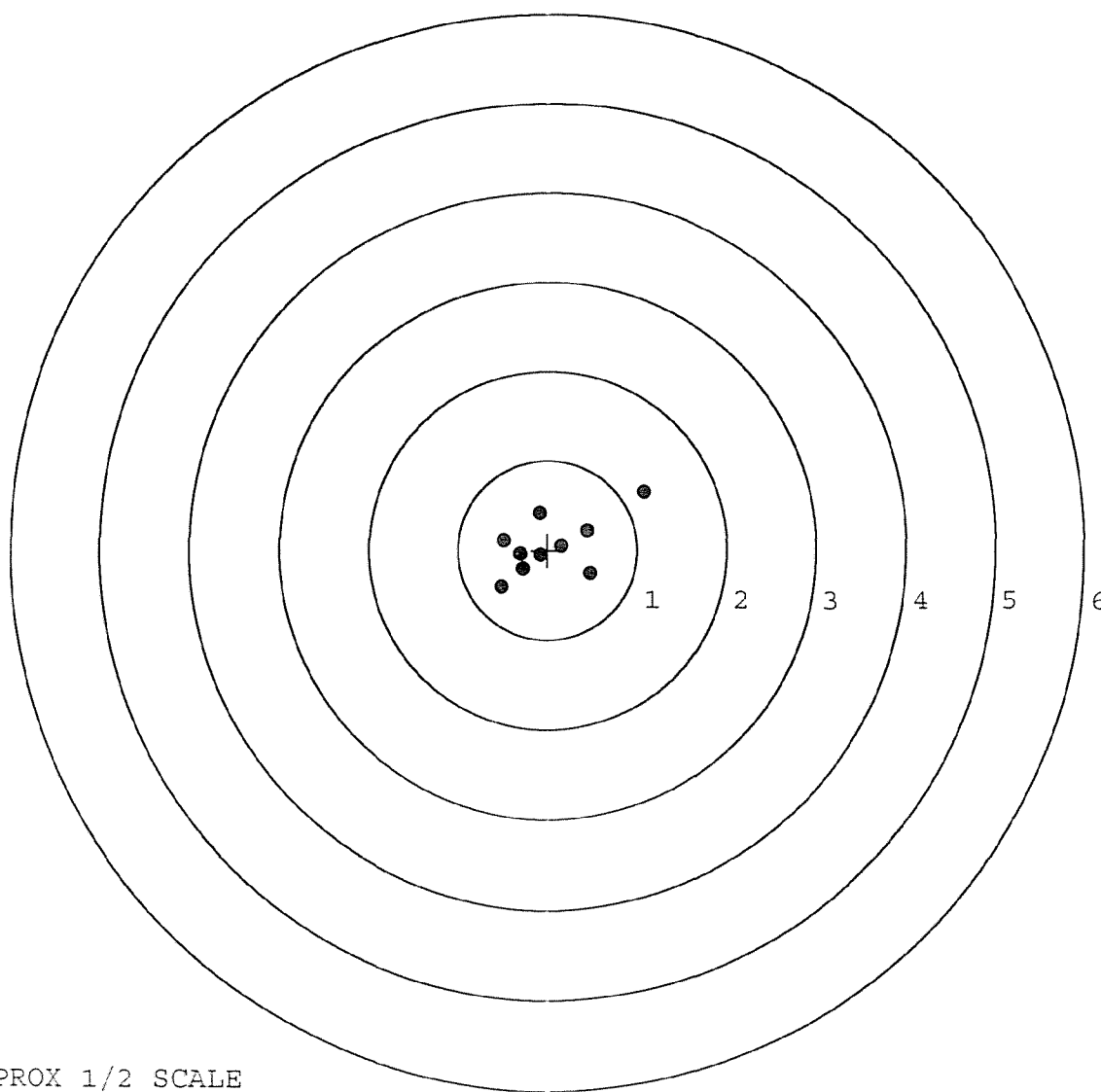


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611743. __0
TARGET NUMBER: 4
FILE DATE: 05/08/2007
FILE TIME: 13:17

POINT#	X	Y
1:	1.068	0.649
2:	0.474	-0.266
3:	-0.100	0.419
4:	0.439	0.215
5:	0.159	0.047
6:	-0.085	-0.059
7:	-0.493	0.113
8:	-0.517	-0.409
9:	-0.278	-0.212
10:	-0.302	-0.044

X CENTROID: 0.037
Y CENTROID: 0.045
POA TO CENTROID: 0.058
HORZ SPREAD: 1.585
VERT SPREAD: 1.058
GROUP SPREAD: 1.906
MIN RADIUS: 0.123
MAX RADIUS: 1.195
MEAN RADIUS: 0.486
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

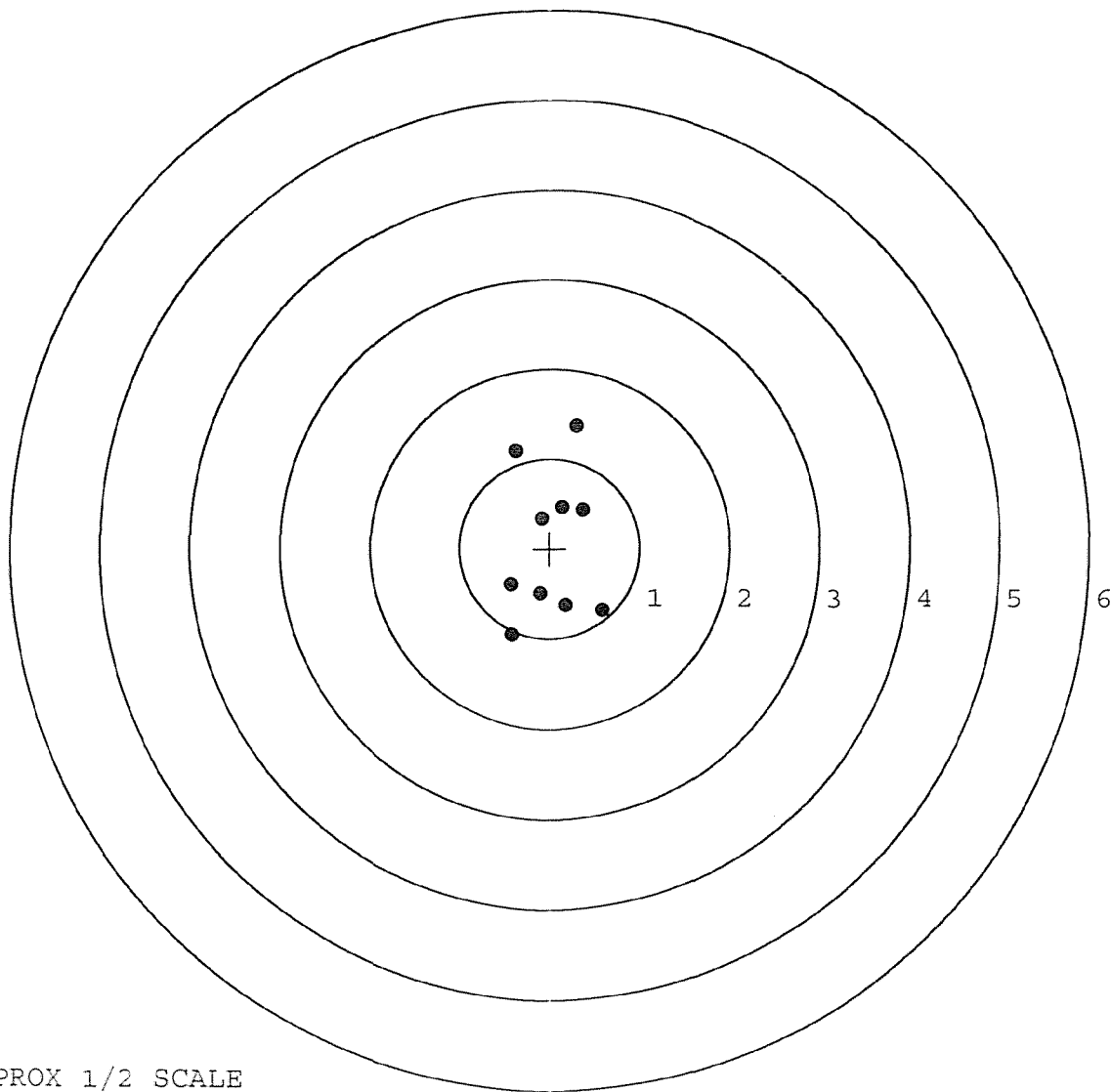


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611743. __0
TARGET NUMBER: 5
FILE DATE: 05/08/2007
FILE TIME: 13:17

X CENTROID: 0.012
Y CENTROID: 0.048
POA TO CENTROID: 0.050
HORZ SPREAD: 1.013
VERT SPREAD: 2.329
GROUP SPREAD: 2.438
MIN RADIUS: 0.309
MAX RADIUS: 1.349
MEAN RADIUS: 0.768
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.299	1.366
2:	-0.383	1.093
3:	0.365	0.432
4:	0.139	0.462
5:	-0.096	0.338
6:	0.583	-0.699
7:	0.178	-0.638
8:	-0.113	-0.506
9:	-0.430	-0.404
10:	-0.423	-0.963

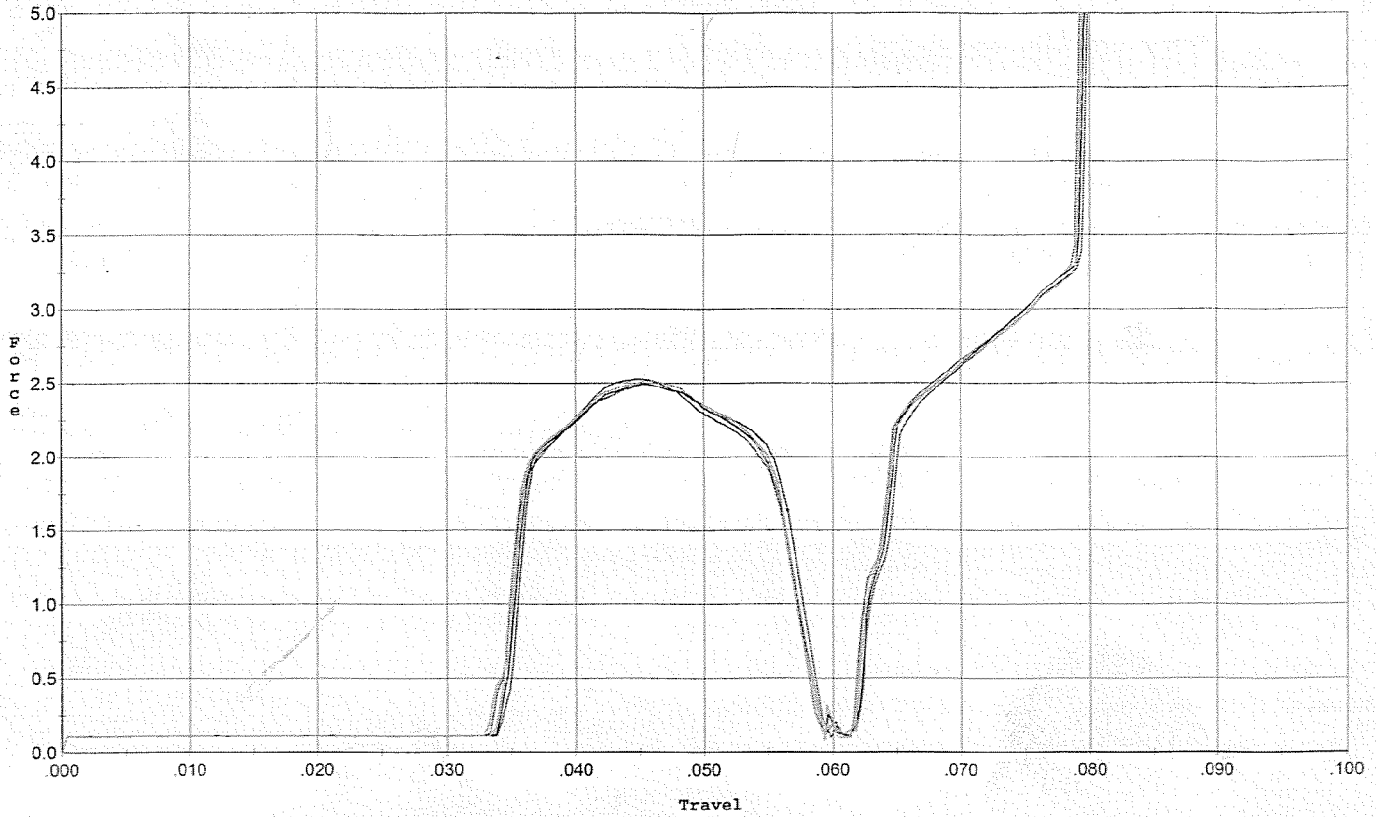


TARGET APPROX 1/2 SCALE

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 4/16/07

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



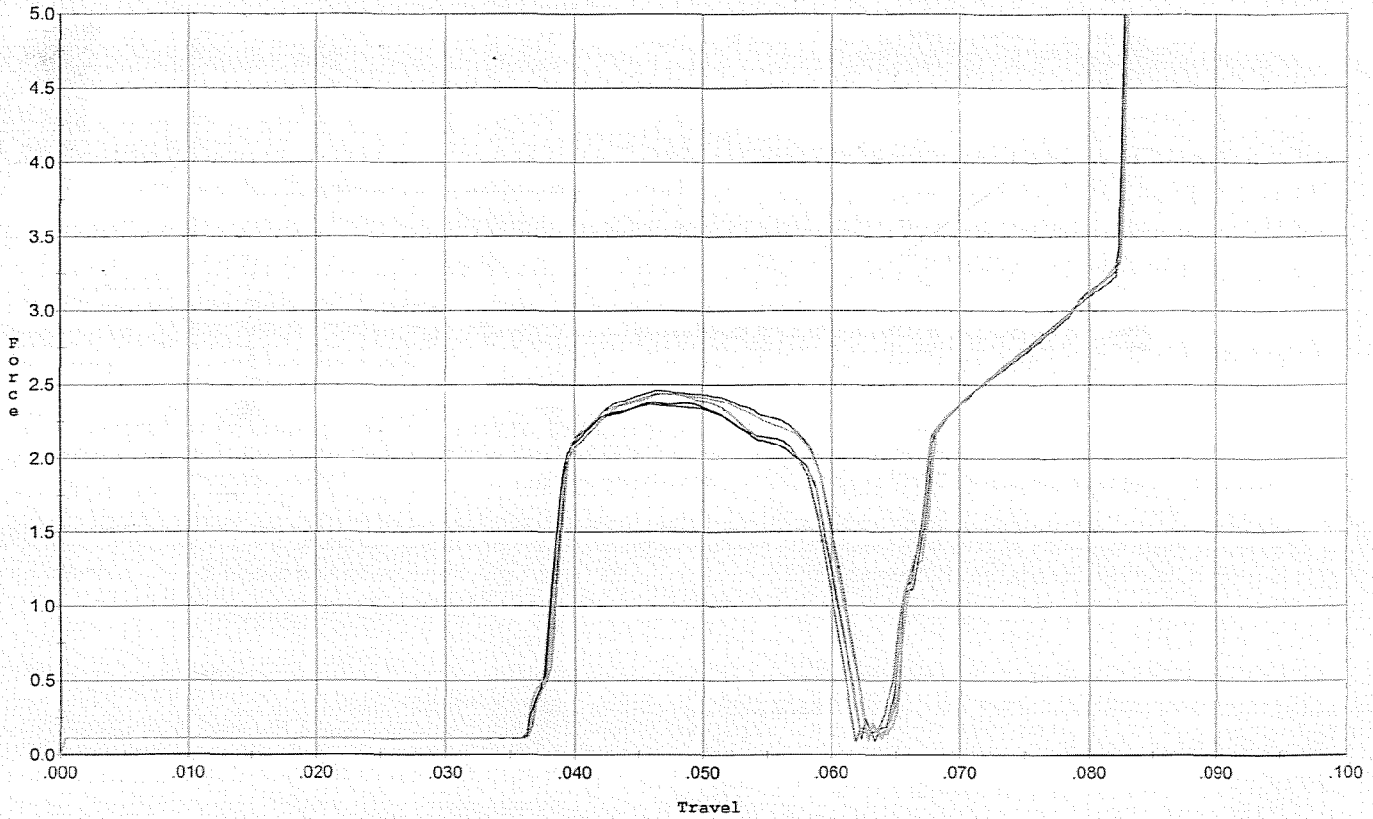
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.493	0.057	0.034	0.030	0.052		Set Trigger
2	2.491	0.056	0.034	0.031	0.051		Set Trigger
3	2.524	0.056	0.034	0.030	0.051		Set Trigger
4	2.515	0.056	0.033	0.030	0.052		Set Trigger
5	2.496	0.056	0.034	0.030	0.052		Set Trigger

AVG 2.50

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 4/16/07

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



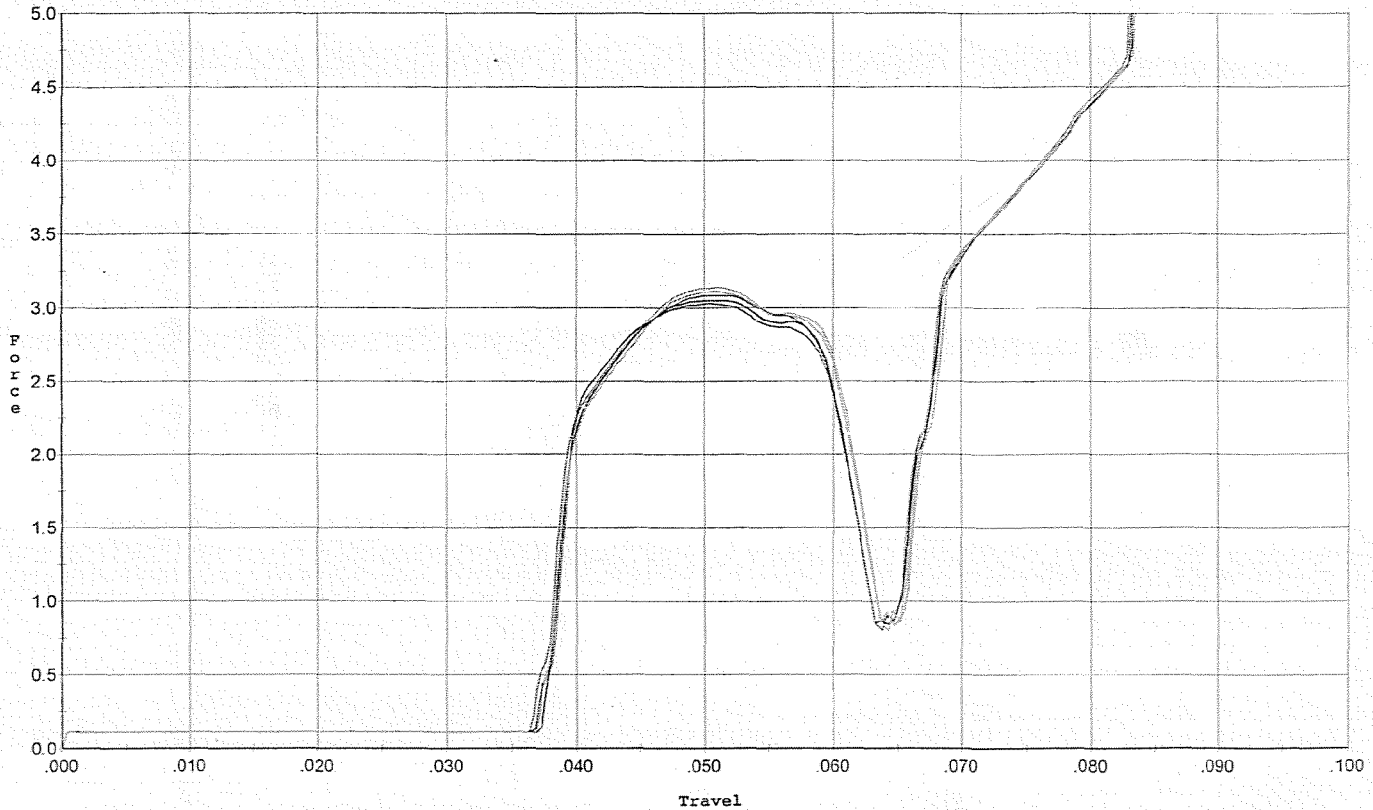
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.368	0.059	0.037	0.031	0.051		Set Trigger
2	2.380	0.060	0.037	0.030	0.052		Set Trigger
3	2.457	0.061	0.037	0.030	0.054		Set Trigger
4	2.437	0.059	0.037	0.031	0.052		Set Trigger
5	2.438	0.060	0.037	0.030	0.052		Set Trigger

Avg 2.41

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putsch 4/16/07

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



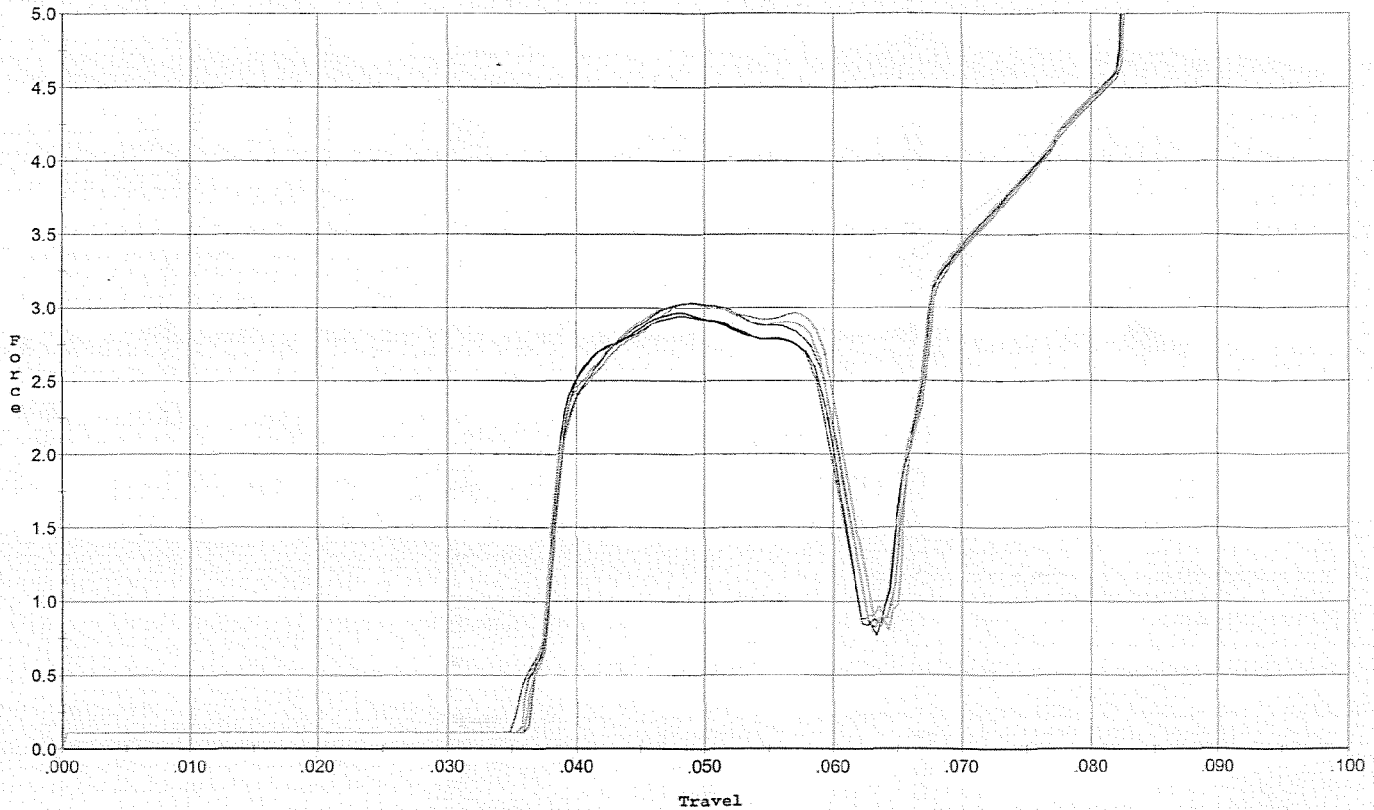
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.032	0.061	0.037	0.029	0.066		Set Trigger
2	3.049	0.061	0.038	0.029	0.066		Set Trigger
3	3.082	0.061	0.037	0.028	0.068		Set Trigger
4	3.136	0.061	0.037	0.028	0.069		Set Trigger
5	3.112	0.061	0.037	0.028	0.068		Set Trigger

AVG 3.08

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 4/16/07

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



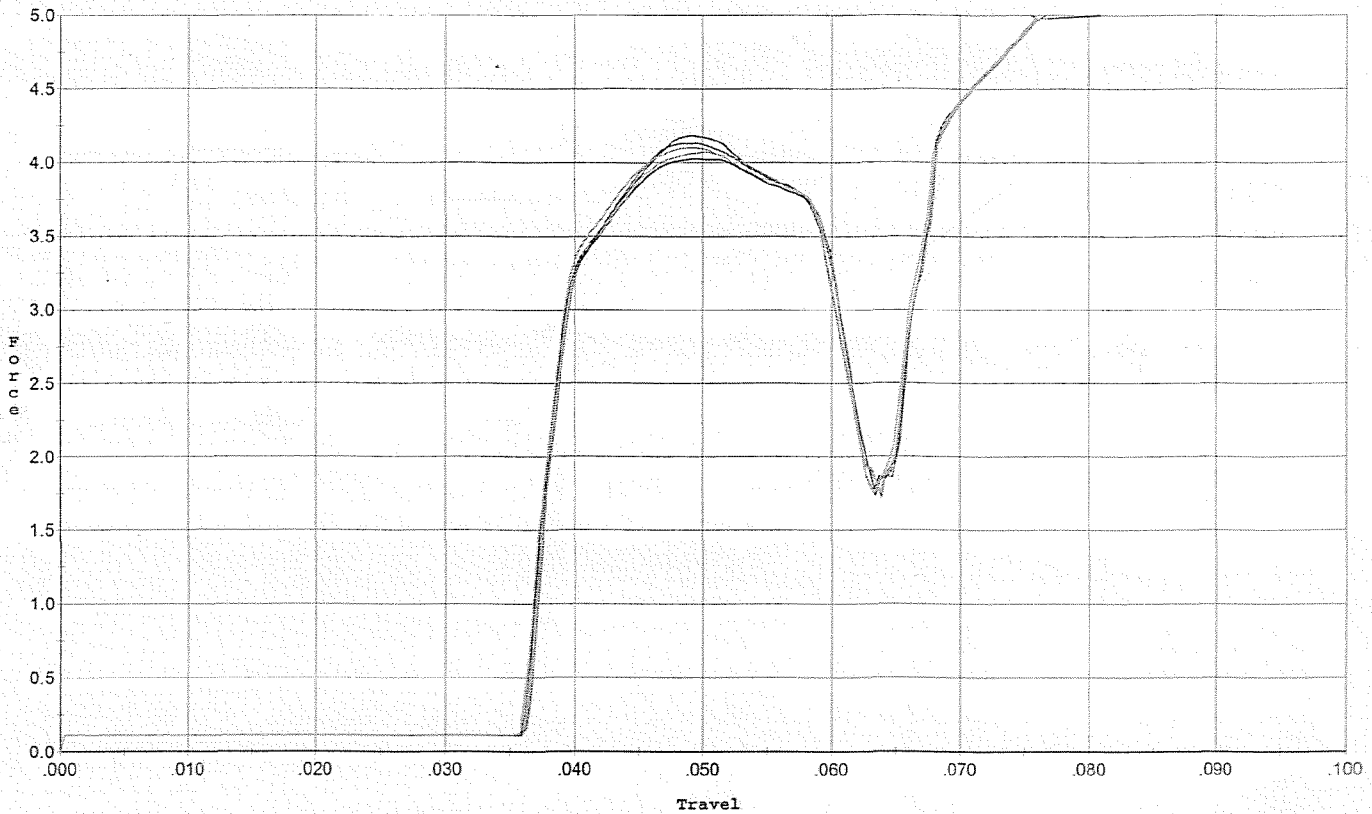
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.942	0.060	0.035	0.029	0.065		Set Trigger
2	2.966	0.060	0.036	0.029	0.065		Set Trigger
3	3.034	0.061	0.036	0.029	0.067		Set Trigger
4	3.031	0.059	0.036	0.029	0.066		Set Trigger
5	3.030	0.059	0.036	0.028	0.066		Set Trigger

AVG 3.00

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 4/16/07

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



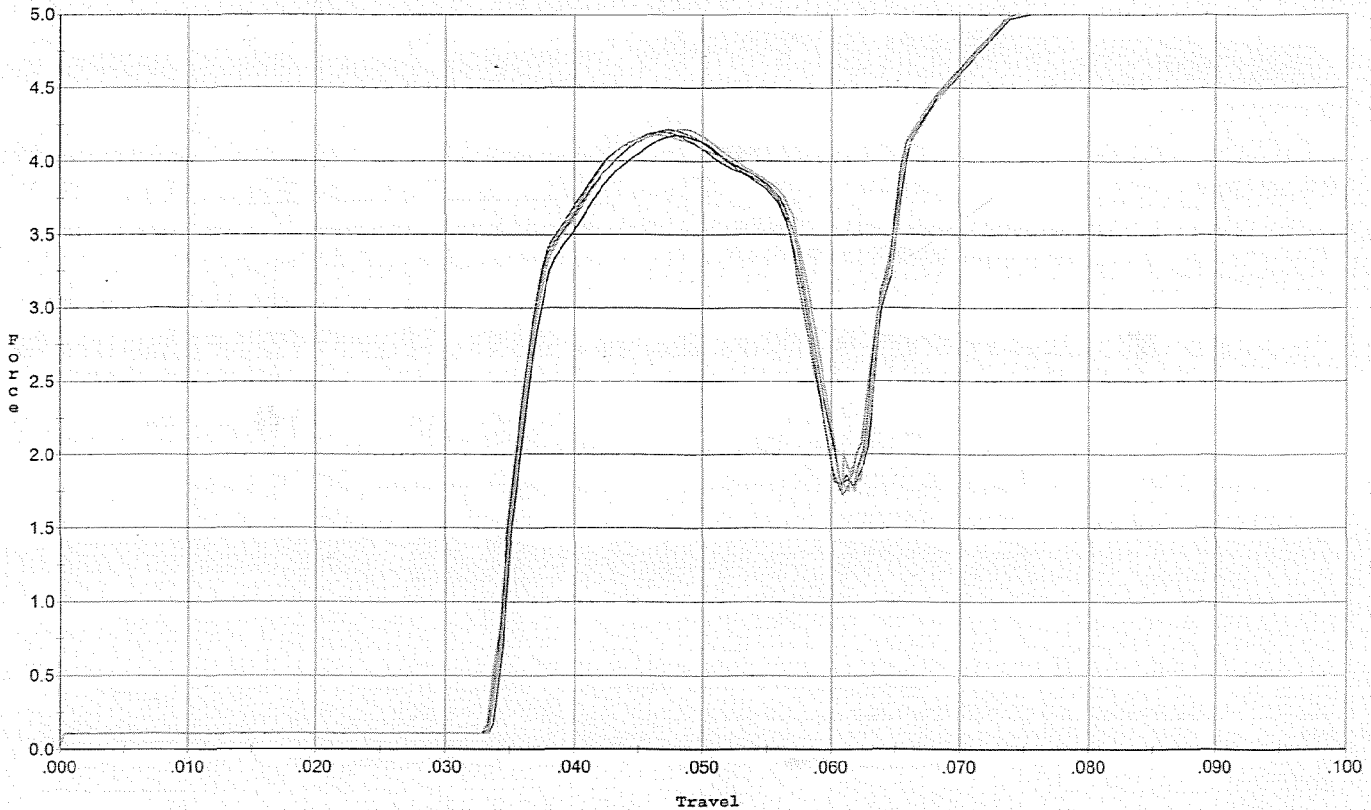
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.184	0.059	0.036	0.027	0.088		Set Trigger
2	4.026	0.060	0.036	0.027	0.089		Set Trigger
3	4.129	0.060	0.037	0.027	0.090		Set Trigger
4	4.073	0.060	0.036	0.027	0.089		Set Trigger
5	4.102	0.061	0.036	0.027	0.092		Set Trigger

Avg 4.16

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 4/16/07

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



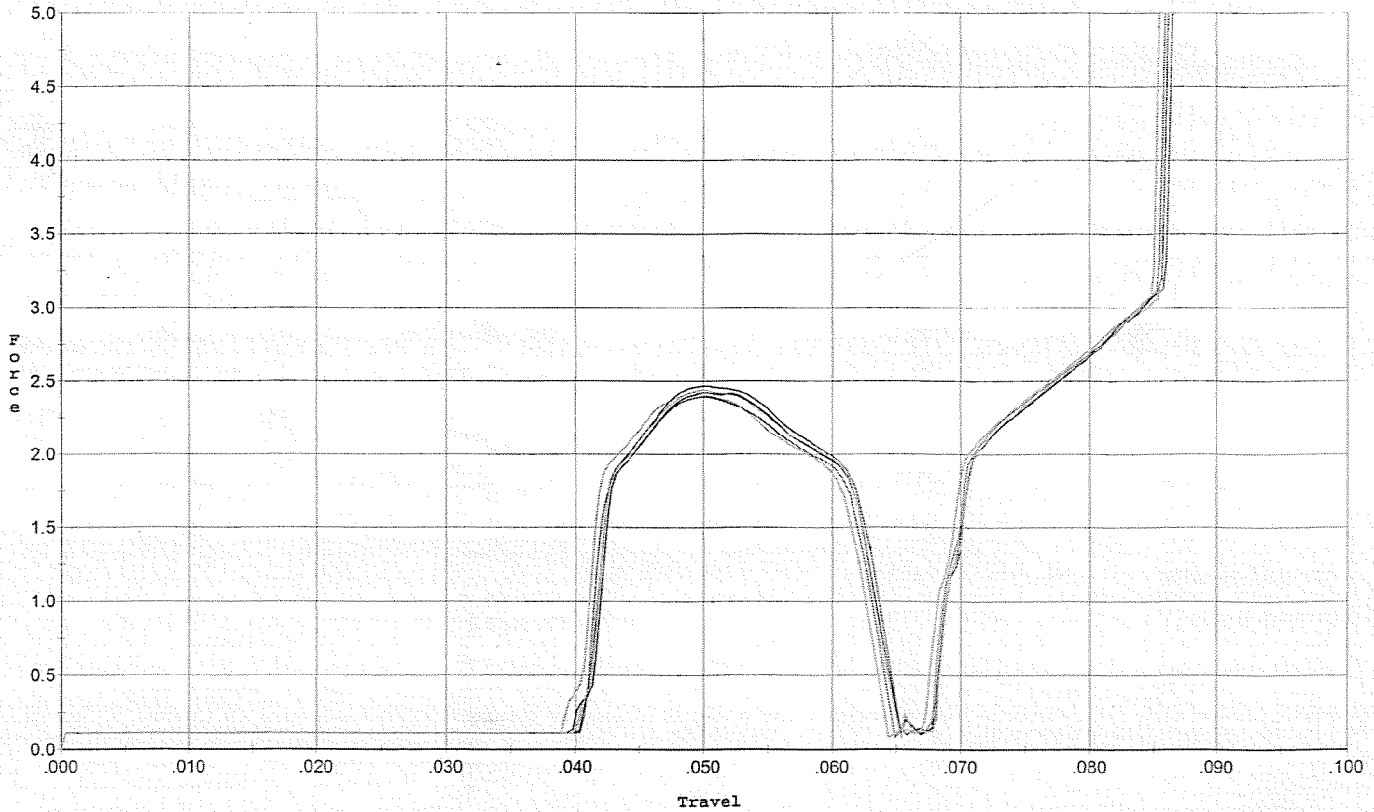
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.199	0.058	0.034	0.027	0.091		Set Trigger
2	4.178	0.057	0.034	0.027	0.089		Set Trigger
3	4.212	0.057	0.033	0.027	0.088		Set Trigger
4	4.216	0.058	0.034	0.027	0.092		Set Trigger
5	4.179	0.057	0.034	0.027	0.090		Set Trigger

AVG 4.19

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putsch 4/16/07

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



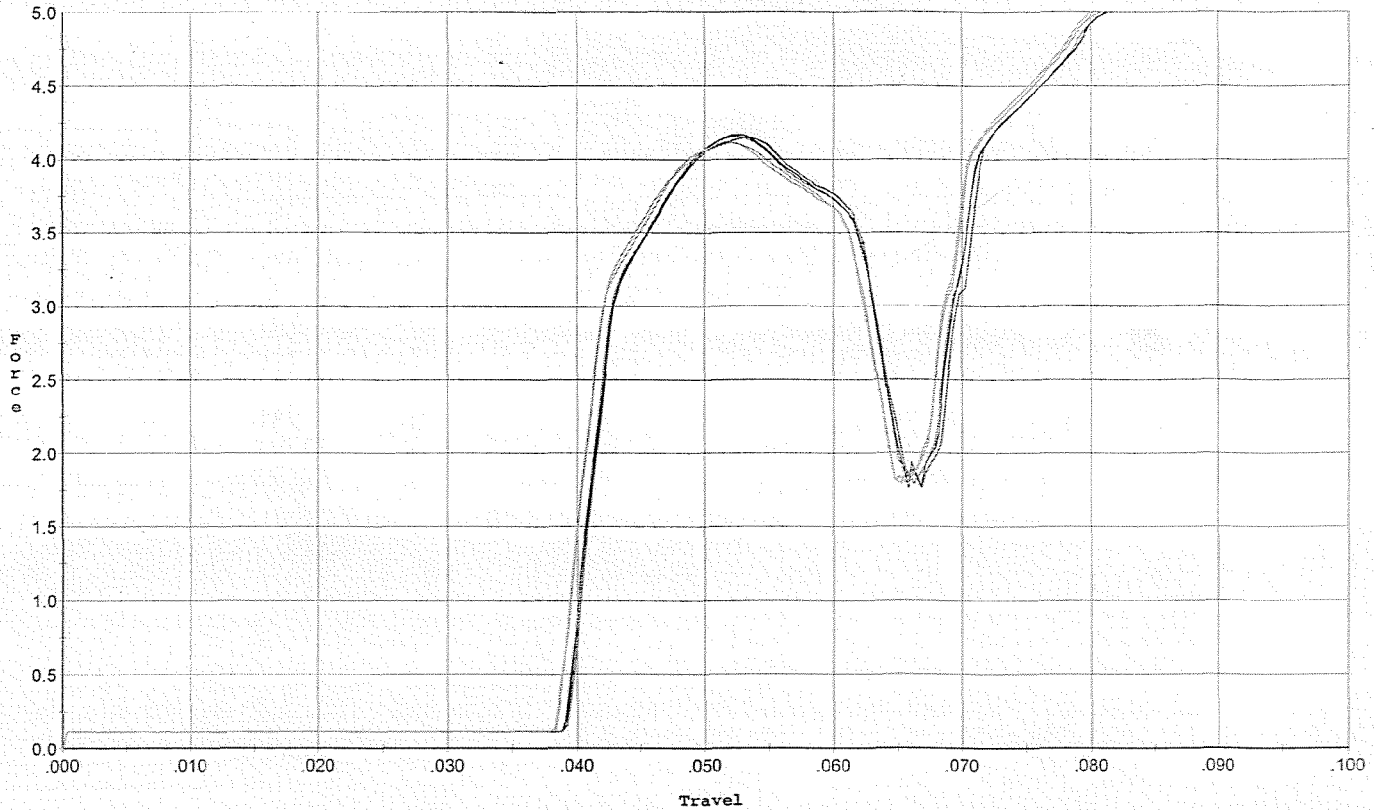
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.469	0.063	0.041	0.031	0.051		Set Trigger
2	2.421	0.062	0.040	0.031	0.049		Set Trigger
3	2.393	0.063	0.041	0.031	0.049		Set Trigger
4	2.440	0.062	0.040	0.031	0.049		Set Trigger
5	2.423	0.062	0.039	0.031	0.049		Set Trigger

AVG 2.42

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 4/16/07

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	4.152	0.062	0.040	0.028	0.087		Set Trigger
2	4.169	0.062	0.039	0.028	0.087		Set Trigger
3	4.158	0.063	0.039	0.027	0.088		Set Trigger
4	4.123	0.062	0.039	0.027	0.088		Set Trigger
5	4.114	0.063	0.039	0.027	0.088		Set Trigger

AVG 4.14

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

R & E NUMBER	127455			
SERIAL NUMBER	C661743			
LOG-IN DATE	3-30-07			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		4-17-07	RTL
505	RE-BARREL		4-20-07	RTL
560	ASSEMBLE		4-19-07	TRW
600	PROOF		4-19-07	TRW
605	CHECK HEADSPACE		4-19-07	TRW
610	DIS-ASSEMBLE GUN		4-20-07	RTL
612	MAGNAFLUX	MAGNA-FLUX APR 24 2007 OPERATOR <i>unus</i>	4-24-07	<i>unus</i>
510	DRILL AND TAP		4-27-07	TRW
615	ROLLMARK CALIBER		4-24-07	CW
618	ROTO-BLAST		4-24-07	LB
620	APPLY COATINGS		4-22-07	WJ
625	FINAL ASSEMBLY		5-1-07	RTL
640	FUNCTION TEST AND	(PASS) FAIL	5-8-07	TRW
650	TARGET	(PASS) FAIL	5-8-07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		5-8-07	CKS
	A) HEADSPACE	(PASS) FAIL	5-11-07	RTL
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.42 2.38 2.44 2.40 2.40	5-9-07 TRW
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	8.75 8.5 8.5	5-9-07 TRW
	G) SAFETY OFF FORCE	2 LBS MIN	2.5 2.75 2.75	5-9-07 TRW
	I) FIRING PIN INDENT	.020	.024 .024 .024	5-9-07 TRW
690	PACK		5-14-07	RTT




VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.

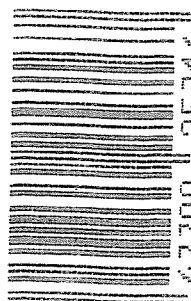
MODEL 700™ M24

SERIAL NO. C6611743

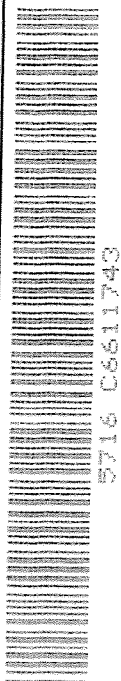
ORDER NO. 5716

MADE IN LION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off, Marca Registrada Marque Deposee.

UPC



0 4700 25716 2



5716 C6611743

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611743

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 10 91		RW
600	Proof	1 10 91		RW
607	Check Headspace	1 10 91		RW
610	Dis-assemble Gun	1 10 91		RW
612	Magnaflux Barrel Action		1/16/91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	GS
617	Drill and Tap Sight Holes	1 17 91		FB
618	Polish Barrel	1 17 91		WB
620	Apply Coatings (Barrel Action)		2-18-91	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/19/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/19/91	RW
	C) Inspect Ejector Hole for Chamfer		2/19/91	RW
	D) Oil Firing Pin Ass'y		2/19/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		3/7/91	JM

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			3/8/91	WLB
	G) Safety Off Force	2 1/4	2 1/4	2 1/4			3/8/91	WLB
	H) Trigger Pull Test & Retainability						3/7/91	JH
	I) Firing Pin Indent	.022	.0225	.0225			3/8/91	WLB
	J) Assemble Stock						3/9/91	Rev
	K) Assemble Swivel Studs						3/12/91	JH
	L) Attach Front and Rear Sight Assemblies						3/9/91	Rev
	M) Iron Sight Alignment						3/9/91	Rev
	N) Detach Front & Rear Sights & place in numbered container						3/9/91	Rev
	O) Attach Scope to Rifle						3/9/91	Rev
	P) Detach & Attach Scope 20 Times						5/9/91	Rev
640	Gallery Target & Test						3-11-91	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						3-11-91	AF
655	Final Inspection							
	A) Headspace						3/12/91	JH
	B) Trigger Pull	2.38	2.34	2.31	2.34	2.35	3/12/91	JH
	C) Function						3/12/91	JH
660	Pack						3-20-91	DH

SWS TRIGGER PULL TEST

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

SERIAL NO C6611743
DATE 3-7-91
TESTER JM

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.35	2.39	2.42	2.38	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.37	2.42	2.38	2.34	
PULL #3	2.33	2.37	2.38	2.31	
PULL #4	2.38	2.38	2.39	2.34	
PULL #5	2.40	2.39	2.28	2.35	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.40	3.29		
PULL #2	3.33	3.24		
PULL #3	3.30	3.30		
PULL #4	3.30	3.29		
PULL #5	3.30	3.27		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.16	4.25		4.25
PULL #2	4.36	4.22		4.26
PULL #3	4.29	4.25		4.26
PULL #4	4.14	4.25		4.21
PULL #5	4.23	4.10		4.20
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611743
11 Mar 1991

CENTROIDAL DISTANCES

0 TO	1	.146697
1 TO	2	.0492037
1 TO	3	.359673
1 TO	4	.383936
1 TO	5	.139058

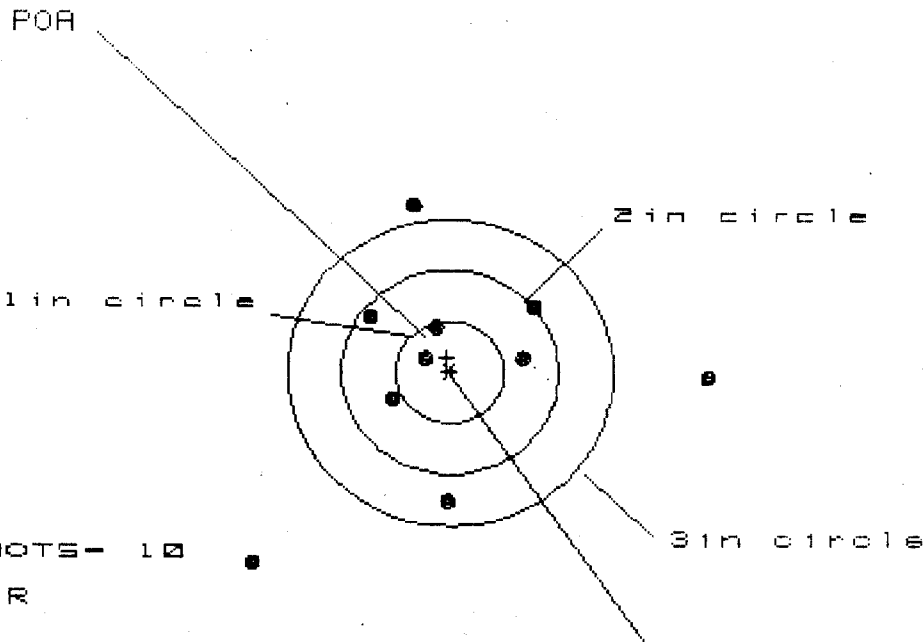
1/2" -----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0174
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0020
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0176238
THE AME FOR THIS RIFLE IS: 1.129

11 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611743

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 7

HS= 4.157

VS= 3.467

GS= 4.520

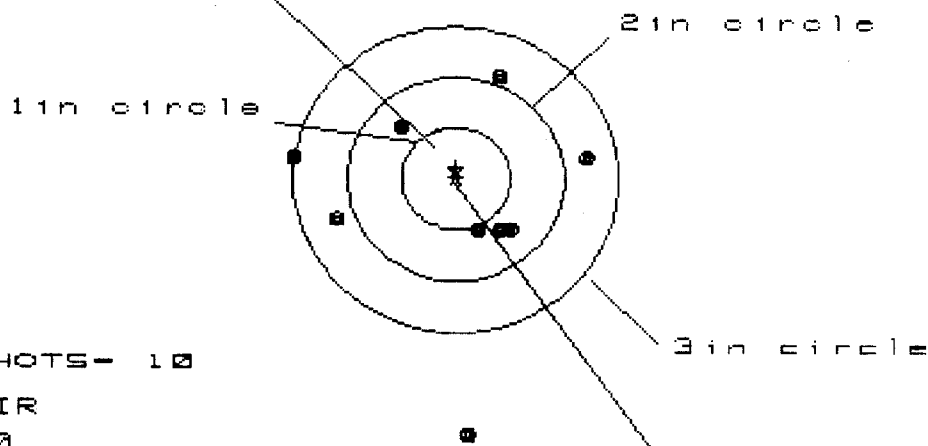
PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.327	2.124	.810
MINIMUM X	-1.830	-.930	-.665
MAXIMUM Y	1.619	1.414	1.379
MINIMUM Y	-1.848	-1.499	-1.534
CENTROID X	.028	.231	-.034
CENTROID Y	-.144	.061	.096
POA TO CENTROID in.	.147	.239	.102
MIN RADIUS	.256	.429	.207
MEAN RADIUS	1.170	1.003	.800
MAX RADIUS	2.680	2.142	1.536
HORIZONTAL SPREAD	4.157	3.054	1.475
VERTICAL SPREAD	3.467	2.913	2.913
EXTREME SPREAD	4.520	3.125	2.929
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	7		

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CENTERFIRE PATTERNS # 2

POA



OF SHOTS - 10

IN CIR

1in = 0

2in = 4

3in = 7

HS = 2.707

VS = 4.898

GS = 4.898

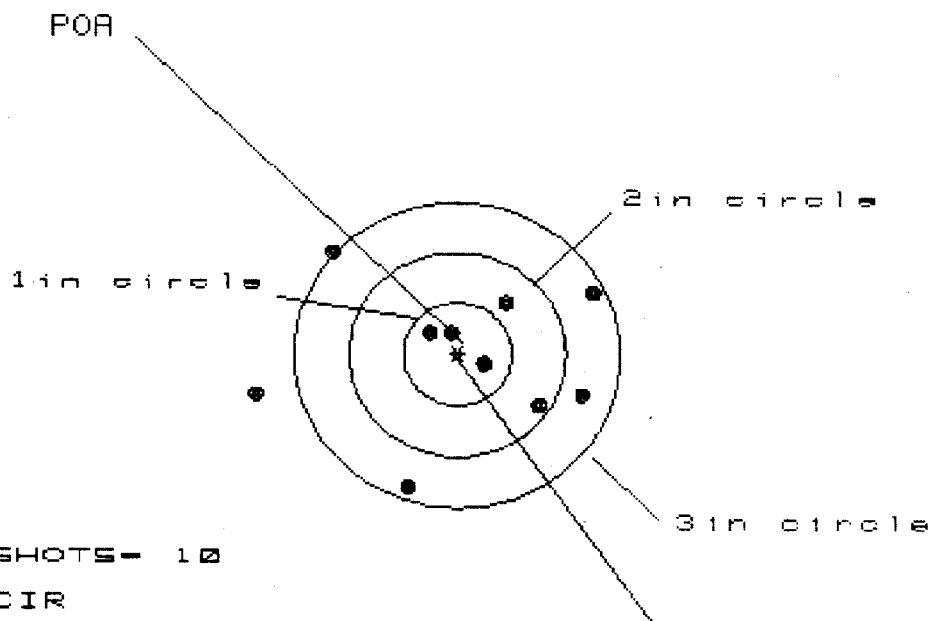
CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.202	1.217	1.242
MINIMUM X	:	-1.504	-1.490	-1.465
MAXIMUM Y	:	2.410	2.133	.978
MINIMUM Y	:	-2.488	-.815	-.548
CENTROID X	:	-.002	-.017	-.042
CENTROID Y	:	-.105	.172	-.095
POA TO CENTROID in.	:	.105	.172	.104
MIN RADIUS	:	.590	.532	.616
MEAN RADIUS	:	1.249	1.121	.951
MAX RADIUS	:	2.492	2.143	1.473
HORIZONTAL SPREAD	:	2.707	2.707	2.707
VERTICAL SPREAD	:	4.898	2.948	1.526
EXTREME SPREAD	:	4.898	3.038	2.708
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 8

HS= 3.043

VS= 2.243

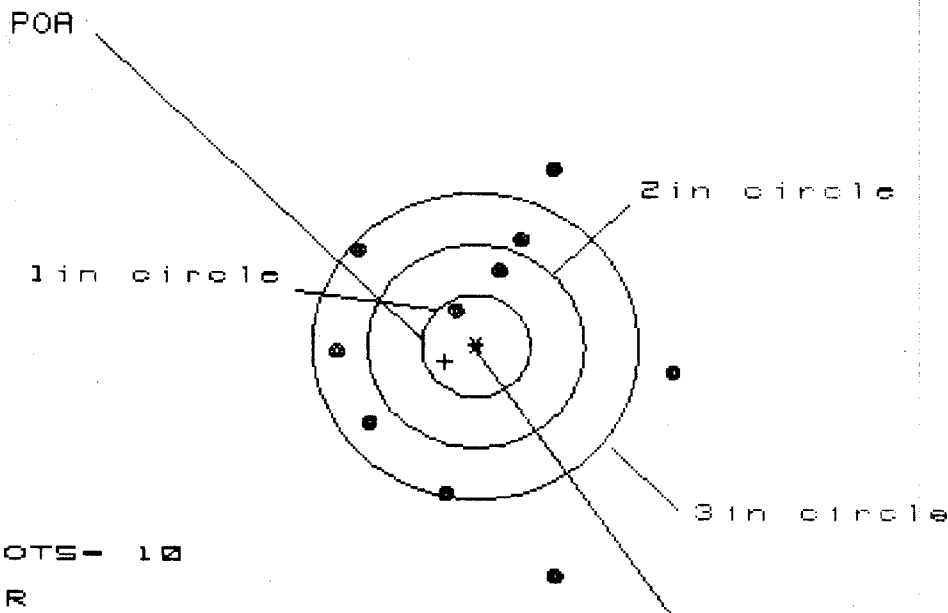
GS= 3.226

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.200	.995	.823
MINIMUM X	:	-1.843	-1.373	-.826
MAXIMUM Y	:	.974	.926	.712
MINIMUM Y	:	-1.269	-1.317	-1.201
CENTROID X	:	-.246	-.041	.131
CENTROID Y	:	.089	.137	.021
POA TO CENTROID in.	:	.261	.143	.132
MIN RADIUS	:	.273	.126	.087
MEAN RADIUS	:	.976	.839	.730
MAX RADIUS	:	1.892	1.656	1.457
HORIZONTAL SPREAD	:	3.043	2.368	1.649
VERTICAL SPREAD	:	2.243	2.243	1.913
EXTREME SPREAD	:	3.226	2.699	2.526
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1in = 1

2in = 2

3in = 7

HS = 3.082

VS = 3.909

GS = 3.909

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.829	1.911	2.009
MINIMUM X	:	-1.253	-1.171	-1.073
MAXIMUM Y	:	1.708	1.464	.962
MINIMUM Y	:	-2.200	-1.700	-1.517
CENTROID X	:	.283	.201	.103
CENTROID Y	:	.151	.395	.212
POA TO CENTROID in.	:	.320	.443	.236
MIN RADIUS	:	.352	.108	.247
MEAN RADIUS	:	1.363	1.188	1.146
MAX RADIUS	:	2.321	1.975	2.034
HORIZONTAL SPREAD	:	3.082	3.082	3.082
VERTICAL SPREAD	:	3.909	3.164	2.479
EXTREME SPREAD	:	3.909	3.316	3.165
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		7	

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CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in - 2

2 in - 5

3 in - 10

HS- 2.111

VS- 2.269

GS- 2.593

CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.907	.975	.834
MINIMUM X	:	-1.204	-1.136	-1.014
MAXIMUM Y	:	1.347	.936	.842
MINIMUM Y	:	-.922	-.773	-.867
CENTROID X	:	.024	-.044	-.166
CENTROID Y	:	-.005	-.154	-.060
POA TO CENTROID in.:	:	.024	.161	.176
MIN RADIUS	:	.286	.434	.312
MEAN RADIUS	:	.939	.886	.831
MAX RADIUS	:	1.479	1.234	1.072
HORIZONTAL SPREAD	:	2.111	2.111	1.848
VERTICAL SPREAD	:	2.269	1.709	1.709
EXTREME SPREAD	:	2.593	2.399	2.043
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	10		